

TABLE 66

Federal outlays for research and development, by agency: FYs 2002–12

(Dollars in millions)

Agency	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All agencies	88,298	100,179	105,175	117,398	116,868	121,875	123,059	126,854	131,388	131,452	128,560
Departments											
Department of Agriculture	1,919	1,966	2,048	2,132	2,185	2,218	2,254	2,229	2,309	2,301	2,290
Agricultural Marketing Service	5	5	8	9	6	6	4	4	4	4	4
Agricultural Research Service	1,039	1,039	1,099	1,117	1,135	1,103	1,149	1,134	1,200	1,162	1,095
Animal and Plant Health Inspection Service	24	28	24	24	26	26	28	25	26	25	32
Economic Research Service	70	70	66	75	73	91	78	80	86	88	80
Foreign Agricultural Service	1	2	2	2	1	1	*	*	*	1	1
Forest Service	277	305	326	325	341	335	338	336	363	353	355
Grain Inspection, Packers, and Stockyards Administration	6	5	7	7	7	7	7	7	6	7	5
National Agricultural Statistics Service	5	6	6	6	7	7	7	7	7	7	7
National Institute of Food and Agriculture	488	503	507	563	586	622	639	634	612	654	707
Rural Business-Cooperative Service	4	4	4	4	4	21	4	3	4	1	4
Department of Commerce	1,114	1,155	1,076	708	664	991	1,052	1,004	1,122	1,267	1,112
Census Bureau	23	20	24	23	22	22	25	29	47	59	102
Economic Development Administration	*	*	*	*	*	1	2	3	7	1	NA
National Institute of Standards and Technology	413	459	509	441	421	422	444	455	535	571	570
National Oceanic and Atmospheric Administration	651	652	519	240	216	541	581	511	525	629	433
National Telecommunications and Information Administration	26	24	24	3	5	5	*	7	7	7	7
Department of Defense	41,663	49,615	52,978	64,311	63,724	68,557	68,731	66,775	67,615	72,527	65,253
Defense Advanced Research Projects Agency	na	na	na	na	na	na	na	na	na	2,889	2,833
Defense agencies and activities	10,197	11,741	11,074	17,057	13,971	14,687	15,521	15,599	15,210	na	na
Department of the Air Force	14,156	18,146	19,712	20,915	21,407	24,483	24,122	23,458	26,106	25,855	25,043
Department of the Army	6,620	7,092	6,954	9,847	10,662	10,360	11,057	10,048	9,210	8,125	6,688
Department of the Navy	10,495	12,392	14,932	16,172	17,423	18,834	17,851	17,492	16,905	15,345	14,363
Operational Test and Evaluation, Director	195	243	305	320	262	193	180	179	184	NA	NA
Other defense agencies	na	na	na	na	na	na	na	na	na	20,313	16,325
Department of Education	243	316	227	264	255	271	287	312	322	106	102
Department of Energy	7,010	7,373	7,476	7,760	7,433	7,793	8,108	8,546	8,986	9,685	9,599
Advanced Research Projects Agency—Energy	NA	NA	NA	NA	NA	NA	0	0	64	118	142
Bonneville Power Administration	23	23	24	11	11	11	14	8	13	13	14
Civilian Radioactive Waste Management	63	76	74	74	53	11	8	2	0	0	0
Electricity Delivery and Energy Reliability	na	na	na	72	108	54	89	87	83	90	101
Energy Efficiency and Renewable Energy	735	682	584	569	431	646	729	712	915	853	910
Environmental Management	160	69	43	50	34	32	36	13	70	67	46
Fossil Energy	471	640	500	533	366	419	306	344	350	288	286

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National Nuclear Security Administration	3,299	3,448	3,579	3,625	3,548	3,589	3,730	3,489	3,489	4,034	3,920
Defense Programs	2,373	2,577	2,727	2,733	2,594	2,657	2,707	2,444	2,285	2,769	2,648
Fissile Materials Disposition	22	17	1	0	0	0	NA	NA	NA	NA	NA
Naval Nuclear Propulsion Program	639	631	688	747	711	728	724	730	866	942	1,040
Office of Defense Nuclear Nonproliferation	265	224	163	145	243	205	299	315	338	324	231
Nuclear Energy	28	43	79	83	89	81	133	116	368	388	361
Office of Intelligence	5	4	0	NA	NA	NA	NA	NA	NA	NA	NA
Office of Science	2,226	2,387	2,593	2,744	2,794	2,949	3,062	3,775	3,635	3,834	3,819
Department of Health and Human Services	23,648	26,499	27,835	28,432	28,441	29,010	29,121	35,144	34,928	30,379	30,721
Administration for Children and Families	22	19	19	39	13	12	19	14	6	9	8
Administration for Community Living	2	4	3	2	3	3	0	0	0	0	0
Agency for Toxic Substances and Disease Registry	12	14	11	9	9	4	4	5	3	5	1
Centers for Disease Control and Prevention	521	564	540	511	545	544	407	339	343	296	445
Centers for Medicare and Medicaid Services	73	74	89	89	62	86	70	57	54	45	34
Food and Drug Administration	119	150	127	137	138	125	133	159	188	206	316
Health Resources and Services Administration	54	439	47	53	24	23	62	56	66	37	20
National Institutes of Health	22,110	25,156	26,890	27,500	27,566	28,146	28,404	34,494	34,213	29,760	29,877
Office of the Secretary of Health and Human Services	17	22	21	25	27	24	22	20	54	20	19
Office of Public Health and Science	2	2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Office of the Assistant Secretary for Planning and Evaluation	15	20	21	25	27	24	22	20	54	20	19
Substance Abuse and Mental Health Services Administration	718	57	87	68	54	42	0	NA	NA	NA	NA
Department of Homeland Security	na	NA	536	966	1,593	922	799	92	583	471	593
Coast Guard	na	NA	20	10	23	23	15	20	26	21	21
Science and Technology Directorate	na	NA	377	775	1,556	895	783	73	557	451	573
Secret Service	na	NA	1	1	1	1	1	NA	NA	NA	NA
Transportation Security Administration	na	NA	138	180	12	4	0	NA	NA	NA	NA
Department of Housing and Urban Development	58	54	43	48	42	32	33	36	51	50	53
Department of the Interior	631	597	605	590	602	616	635	738	720	705	739
Bureau of Ocean Energy Management	30	27	27	27	28	26	32	37	42	45	39
Bureau of Reclamation	10	9	11	13	9	9	9	13	10	11	10
Bureau of Safety and Environmental Enforcement	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12
Geological Survey	565	550	552	546	561	574	586	674	661	640	673
National Park Service	26	10	14	4	4	8	9	14	8	9	5

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Department of Justice	68	103	69	66	71	124	112	103	119	102	67
Bureau of Prisons	9	10	9	12	12	13	11	10	11	12	11
Federal Bureau of Investigation	34	43	34	33	34	71	26	15	30	18	8
Office of Justice Programs	25	51	25	20	25	40	75	78	78	73	49
Department of Labor	165	176	198	163	94	59	84	71	12	11	19
Bureau of Labor Statistics	21	21	22	23	23	24	24	0	NA	NA	NA
Employee Benefits Security Administration	1	2	1	1	2	1	1	1	5	5	11
Employment and Training Administration	137	148	170	134	64	29	54	64	NA	NA	NA
Occupational Safety and Health Administration	4	3	3	3	4	3	3	4	5	3	5
Office of the Secretary of Labor	1	2	*	*	*	*	0	NA	0	0	NA
Pension Benefit Guaranty Corp.	1	1	1	2	2	2	2	2	3	3	3
Department of State	2	2	2	3	3	3	3	4	3	3	2
Department of Transportation	682	585	555	396	866	755	607	526	761	768	719
Coast Guard	20	na	na	na	na	na	na	na	na	na	na
Federal Aviation Administration	295	244	248	226	290	264	201	180	239	211	224
Federal Highway Administration	209	230	238	74	400	340	260	215	352	320	311
Federal Motor Carrier Safety Administration	2	3	4	7	4	13	7	7	7	7	7
Federal Railroad Administration	27	27	32	22	58	35	38	40	44	41	44
Federal Transit Administration	2	4	4	4	7	4	7	7	22	42	26
National Highway Traffic Safety Administration	47	51	7	32	75	66	59	44	65	116	83
Office of the Secretary of Transportation	11	16	11	29	16	16	16	20	20	18	14
Pipeline and Hazardous Materials Safety Administration	na	na	10	2	15	16	13	4	8	10	8
Research and Innovative Technology Administration	na	na	0	1	2	2	7	9	4	4	3
Research and Special Programs Administration	9	11	na	na	na	na	na	na	na	na	na
Transportation Security Administration	59	na	na	na	na	na	na	na	na	na	na
Department of the Treasury	71	60	62	66	65	64	65	69	69	78	76
Bureau of Engraving and Printing	7	5	4	6	6	5	5	3	1	6	5
Customs Service	7	na	na	na	na	na	na	na	na	na	na
Internal Revenue Service	56	54	57	58	55	55	60	65	66	71	69
Mint	*	1	1	2	4	4	1	1	1	1	2
Office of Thrift Supervision	*	NA	NA	NA	NA	NA	NA	NA	NA	na	na
Secret Service	1	na	na	na	na	na	na	na	na	na	na
Department of Veterans Affairs	329	365	405	402	412	446	480	510	581	559	615
Other agencies											
Agency for Global Media	*	0	1	*	*	NA	NA	NA	NA	NA	NA
Agency for International Development	202	220	254	260	255	234	124	156	169	119	77

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Agency	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Appalachian Regional Commission	1	1	1	1	1	1	1	1	1	*	1
Consumer Product Safety Commission	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2
Environmental Protection Agency	561	550	*	*	*	*	532	553	595	577	576
Federal Communications Commission	4	4	9	9	8	8	7	7	4	4	4
Federal Trade Commission	2	2	2	1	2	2	3	2	3	3	3
Library of Congress	3	3	1	6	7	12	1	1	1	1	1
National Aeronautics and Space Administration	6,945	7,124	7,166	6,959	6,197	5,919	6,000	5,739	7,316	6,145	10,427
National Archives and Records Administration	*	*	*	*	*	*	5	5	5	3	2
National Science Foundation	2,803	3,235	3,439	3,657	3,707	3,569	3,781	3,937	4,809	5,233	5,124
Nuclear Regulatory Commission	47	38	55	57	59	59	42	74	81	99	81
Patient-Centered Outcomes Research Trust Fund	na	na	na	na	na	na	na	na	na	9	41
Smithsonian Institution	101	98	103	104	113	142	140	151	164	192	195
Social Security Administration	28	37	30	35	68	68	54	68	63	53	65

* = 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.