

TABLE 64

Federal outlays for research, development, and R&D plant, by agency: FYs 2002–12

(Dollars in millions)

Agency	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All agencies	92,686	104,337	109,031	121,230	118,909	123,998	125,125	129,679	137,523	135,753	131,030
Departments											
Department of Agriculture	2,026	2,043	2,161	2,281	2,370	2,434	2,402	2,304	2,435	2,420	2,360
Agricultural Marketing Service	5	5	8	9	6	6	4	4	4	4	4
Agricultural Research Service	1,131	1,100	1,193	1,249	1,306	1,294	1,275	1,177	1,256	1,264	1,153
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	292	321	345	343	355	360	359	368	433	370	365
Grain Inspection, Packers, and Stockyards Administration	6	5	7	7	7	7	7	7	6	7	7
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	1,233	1,248	1,157	747	710	1,059	1,166	1,252	1,409	1,590	1,402
Census Bureau	23	20	24	23	22	22	25	29	47	59	102
Economic Development Administration	*	*	*	*	*	1	21	28	34	16	NA
National Institute of Standards and Technology	532	537	558	478	467	457	493	501	637	742	720
National Oceanic and Atmospheric Administration	651	668	550	242	216	574	627	687	685	766	573
National Telecommunications and Information Administration	26	24	24	3	5	5	*	7	7	7	7
Department of Defense	42,032	49,852	53,165	64,522	63,818	68,709	68,862	66,971	67,763	72,659	65,392
Defense Advanced Research Projects Agency	na	na	na	na	na	na	na	na	na	2,889	2,833
Defense agencies and activities	10,479	11,879	11,141	17,134	14,005	14,723	15,560	15,607	15,210	na	na
Department of the Air Force	14,162	18,153	19,721	20,951	21,446	24,498	24,214	23,569	26,235	25,970	25,178
Department of the Army	6,620	7,092	6,954	9,847	10,662	10,360	11,057	10,125	9,210	8,125	6,688
Department of the Navy	10,576	12,485	15,044	16,270	17,443	18,935	17,851	17,492	16,924	15,362	14,365
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	16,327
Department of Education	243	316	227	264	255	271	287	312	322	106	102
Department of Energy	8,035	8,424	8,502	8,607	8,213	8,444	8,857	9,771	9,891	10,456	10,314
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	740	688	604	594	457	648	794	730	969	888	910
Environmental Management	160	69	43	50	34	32	36	13	70	67	46
Fossil Energy	481	643	506	539	386	431	325	359	364	303	298

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National Nuclear Security Administration	3,712	3,895	4,005	3,925	3,858	3,794	3,999	3,661	3,769	4,186	4,013
Defense Programs	2,770	2,997	3,135	3,001	2,865	2,828	2,939	2,576	2,486	2,888	2,701
Fissile Materials Disposition	22	17	1	0	0	0	NA	NA	NA	NA	NA
Naval Nuclear Propulsion Program	654	658	706	778	750	761	761	770	945	974	1,080
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	2,823	2,983	3,167	3,260	3,217	3,382	3,458	4,796	4,191	4,403	4,428
Department of Health and Human Services	23,892	27,316	28,263	28,862	28,799	29,261	29,268	35,296	36,610	30,459	30,876
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	688	679	414	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	130	158	134	140	140	130	138	164	201	215	337
Health Resources and Services Administration	55	439	48	53	24	24	62	56	67	37	21
National Institutes of Health	22,344	25,965	27,312	27,926	27,778	28,257	28,540	34,641	35,882	29,830	30,010
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	592	1,028	1,714	1,181	1,009	438	976	1,166	828
Coast Guard	na	NA	21	11	24	24	16	21	27	22	22
Science and Technology Directorate	na	NA	432	835	1,677	1,153	993	417	949	1,144	806
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	633	601	612	597	608	626	644	745	726	714	745
Bureau of Ocean Energy Management	32	29	29	30	31	29	34	39	44	50	39
Bureau of Reclamation	10	11	16	17	11	16	15	17	13	15	12
Bureau of Safety and Environmental Enforcement	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15
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	113	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	76	78	78	73	49
Department of Labor	165	176	198	163	94	59	84	72	13	12	20
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	4	4	6	4	6
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	733	592	569	412	884	775	626	544	781	786	740
Coast Guard	20	na	na	na	na	na	na	na	na	na	na
Federal Aviation Administration	309	250	262	241	307	282	218	197	258	228	242
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	28	28	33	23	59	37	40	42	45	42	47
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	95	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	366	406	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	582	581
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
General Services Administration	*	0	0	0	0	NA	NA	NA	NA	NA	NA
Library of Congress	3	3	1	6	7	12	1	1	1	1	1
National Aeronautics and Space Administration	9,142	8,720	8,746	8,657	6,210	5,930	6,072	5,815	8,881	7,724	10,596
National Archives and Records Administration	*	*	*	*	*	*	5	5	5	3	2
National Science Foundation	3,074	3,507	3,796	4,025	4,102	4,022	4,205	4,370	5,758	5,748	5,740
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	104	101	106	110	139	172	182	200	217	249	245
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 agencies listed in this table.

Source(s):

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