

TABLE 72

## Federal obligations 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	103,528	112,074	118,848	121,730	127,263	127,106	141,090	140,355	135,533	138,525	125,720
Departments											
Department of Agriculture	2,040	2,102	2,184	2,214	2,248	2,202	2,267	2,364	2,341	2,171	2,019
Agricultural Marketing Service	5	9	8	6	6	5	4	4	4	4	5
Agricultural Research Service	1,062	1,098	1,108	1,135	1,142	1,123	1,141	1,178	1,133	1,090	1,014
Animal and Plant Health Inspection Service	28	24	24	26	26	28	29	30	29	37	37
Economic Research Service	68	71	74	75	92	78	79	86	81	77	71
Foreign Agricultural Service	2	2	2	1	1	*	*	*	1	1	1
Forest Service	292	296	301	308	320	295	344	357	353	331	329
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	568	586	652	645	627	655	652	690	724	614	546
Rural Business-Cooperative Service	4	4	4	4	21	4	4	5	2	4	4
Department of Commerce	1,208	1,059	1,033	942	1,028	1,045	1,147	1,274	1,067	1,055	1,092
Census Bureau	23	24	23	22	23	25	29	47	59	102	131
Economic Development Administration	1	*	*	*	1	2	3	7	1	NA	NA
National Institute of Standards and Technology	476	444	419	386	456	430	500	687	507	513	535
National Oceanic and Atmospheric Administration	685	566	584	527	541	581	608	525	492	433	419
National Telecommunications and Information Administration	24	24	7	7	7	7	7	8	8	8	7
Department of Defense	51,898	57,793	63,388	65,871	72,211	71,833	75,857	73,471	75,158	73,804	63,558
Defense Advanced Research Projects Agency	na	na	na	na	na	na	na	na	2,846	2,750	2,372
Defense agencies and activities	12,503	13,068	15,324	14,304	15,904	15,906	16,241	16,264	na	na	na
Department of the Air Force	18,259	20,319	19,971	21,688	25,264	25,232	27,950	26,521	26,500	27,545	23,524
Department of the Army	7,610	9,223	10,208	11,318	11,629	11,878	11,908	10,853	9,832	9,220	7,883
Department of the Navy	13,290	14,885	17,577	18,382	19,233	18,633	19,571	19,635	17,793	17,728	15,419
Operational Test and Evaluation, Director	236	298	308	179	182	185	186	197	NA	NA	NA
Other defense agencies	na	na	na	na	na	na	na	na	18,187	16,561	14,359
Department of Education	303	311	316	337	333	328	322	363	346	338	310
Department of Energy	7,412	7,554	7,733	7,562	7,877	8,239	9,890	10,686	9,946	9,952	9,841
Advanced Research Projects Agency—Energy	NA	NA	NA	NA	NA	0	0	378	175	103	182
Bonneville Power Administration	23	25	11	11	11	14	8	13	13	14	14
Civilian Radioactive Waste Management	76	79	54	53	11	1	*	0	0	0	0
Electricity Delivery and Energy Reliability	na	na	80	133	92	83	87	113	89	101	83
Energy Efficiency and Renewable Energy	682	584	557	431	662	729	1,584	1,895	863	986	918
Environmental Management	69	43	50	34	19	19	30	90	67	46	9

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Agency	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Fossil Energy	639	526	566	436	419	404	486	485	411	367	342
National Nuclear Security Administration	3,475	3,600	3,619	3,557	3,591	3,718	3,548	3,448	4,036	4,034	4,180
Defense Programs	2,577	2,727	2,733	2,594	2,656	2,707	2,476	2,247	2,771	2,762	2,893
Fissile Materials Disposition	25	1	0	0	0	NA	NA	NA	NA	NA	NA
Naval Nuclear Propulsion Program	650	709	741	720	730	712	756	914	942	1,040	994
Office of Defense Nuclear Nonproliferation	224	163	145	243	205	299	315	287	324	231	294
Nuclear Energy	47	74	85	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	2,395	2,623	2,712	2,818	2,993	3,137	4,031	3,895	3,904	3,940	3,848
Department of Health and Human Services	26,399	28,133	28,746	28,766	29,302	29,554	35,584	35,935	30,849	31,196	29,382
Administration for Children and Families	21	20	39	14	12	19	14	7	10	8	2
Administration for Community Living	0	3	3	3	0	0	0	0	0	0	0
Agency for Healthcare Research and Quality	309	304	319	319	319	334	378	852	371	366	365
Agency for Toxic Substances and Disease Registry	14	11	10	9	4	4	5	3	5	1	1
Centers for Disease Control and Prevention	564	540	511	545	544	539	420	447	386	512	363
Centers for Medicare and Medicaid Services	74	78	77	62	57	31	30	82	35	21	20
Food and Drug Administration	138	132	142	143	129	138	166	211	225	353	361
Health Resources and Services Administration	43	47	53	24	23	62	56	66	37	38	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	3	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	946	1,362	1,725	863	837	673	674	559	602	391
Coast Guard	NA	15	13	21	17	20	20	25	21	39	22
Science and Technology Directorate	NA	792	1,167	1,692	841	817	652	649	538	563	369
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	39	47	43	33	40	30	33	62	73	90	67
Department of the Interior	597	605	590	603	615	636	732	722	706	738	709
Bureau of Ocean Energy Management	27	27	27	29	25	32	36	43	45	39	40

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Bureau of Reclamation	9	11	13	9	9	9	9	10	11	10	10
Bureau of Safety and Environmental Enforcement	NA	NA	NA	NA	NA	NA	NA	NA	NA	10	16
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	6	7
Department of Justice	148	105	128	128	176	113	103	125	102	85	119
Bureau of Prisons	10	11	13	12	13	11	10	11	12	11	11
Federal Bureau of Investigation	43	34	33	34	71	26	15	30	18	8	39
Office of Justice Programs	96	61	81	81	93	77	78	85	73	67	69
Department of Labor	189	199	164	95	50	42	31	14	56	21	16
Bureau of Labor Statistics	21	22	23	23	24	24	0	NA	NA	NA	NA
Employee Benefits Security Administration	3	3	3	3	2	2	2	6	49	13	10
Employment and Training Administration	160	170	134	64	19	11	22	NA	NA	NA	NA
Occupational Safety and Health Administration	3	3	3	4	3	4	4	6	4	6	4
Office of the Secretary of Labor	2	*	1	*	*	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	3	3	4	4	4	4	3	3	2	1
Department of Transportation	693	629	418	819	791	806	826	908	841	898	855
Federal Aviation Administration	245	218	227	260	242	257	298	390	330	329	292
Federal Highway Administration	305	323	74	400	405	377	348	337	344	403	397
Federal Motor Carrier Safety Administration	7	6	7	5	9	8	7	7	6	7	8
Federal Railroad Administration	32	29	31	47	38	38	40	41	44	40	50
Federal Transit Administration	7	5	4	17	6	9	10	23	24	26	16
National Highway Traffic Safety Administration	65	7	40	58	64	83	82	71	71	69	65
Office of the Secretary of Transportation	21	32	21	15	6	13	20	23	9	9	11
Pipeline and Hazardous Materials Safety Administration	na	10	14	15	18	9	10	10	8	11	11
Research and Innovative Technology Administration	na	0	2	2	3	11	11	6	5	5	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	563	613	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	286	265	257	255	234	124	160	84	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	567	662	641	622	576	532	553	572	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	2	18	9	7	7	1	1	1	2	1	1
National Aeronautics and Space Administration	7,499	7,182	7,395	7,211	6,126	5,827	5,937	7,121	6,570	10,660	10,368
National Archives and Records Administration	*	*	*	*	*	5	5	5	3	2	1
National Science Foundation	3,609	3,771	3,743	3,791	3,970	4,135	6,095	5,016	5,146	5,170	4,956
Nuclear Regulatory Commission	64	72	70	71	77	61	61	85	84	83	76
Patient-Centered Outcomes Research Trust Fund	na	na	na	na	na	na	na	na	41	41	334
Smithsonian Institution	104	108	109	119	145	142	152	167	193	197	195
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 obligations in variables represented by this table appear in the table. FYs 2009 and 2010 obligations 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.