

TABLE 75

## Federal obligations for R&amp;D plant, by agency: FYs 2014–23

(Dollars in millions)

Agency	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 (preliminary)
All agencies	2,218	2,825	2,441	2,652	3,853	4,376	6,150	4,282	6,173	6,521
Departments										
Department of Agriculture	11	11	23	157	44	29	790	57	179	58
Agricultural Research Service	1	1	8	147	28	19	780	46	170	42
Forest Service	7	8	13	9	16	10	9	12	9	16
Grain Inspection, Packers, and Stockyards Administration	2	2	2	*	na	na	na	na	na	na
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	NA	*	0	0
Department of Commerce	193	188	285	235	394	464	359	429	379	1,253
National Institute of Standards and Technology	63	40	121	91	105	119	143	251	96	198
National Oceanic and Atmospheric Administration	129	148	164	144	288	345	216	178	282	1,053
National Telecommunications and Information Administration	0	0	0	0	0	0	0	0	2	2
Department of Defense	148	169	178	291	471	610	312	169	256	357
Defense Health Agency	NA	NA	NA	NA	NA	NA	15	0	0	0
Department of the Air Force	121	123	120	225	210	193	241	121	131	270
Department of the Army	0	0	1	0	0	0	0	NA	0	0
Department of the Navy	24	36	38	49	79	143	45	37	63	76
Other defense agencies	4	11	19	18	182	274	11	10	62	11
Department of Energy	770	952	1,135	1,276	2,062	2,245	2,325	2,668	4,280	3,480
Energy Efficiency and Renewable Energy	4	4	4	4	227	305	53	42	49	66
Fossil Energy	16	16	0	16	21	23	29	29	29	25
National Nuclear Security Administration	116	256	251	305	474	337	574	967	1,208	1,364
Defense Programs	94	101	91	105	259	337	327	617	618	763
Naval Nuclear Propulsion Program	22	155	160	200	214	0	247	331	575	577
Office of Defense Nuclear Nonproliferation	0	0	0	0	0	0	0	19	15	24
Nuclear Energy	0	0	0	0	0	0	0	0	372	518
Office of Science	635	676	880	951	1,340	1,580	1,669	1,630	2,622	1,507
Department of Health and Human Services	143	153	151	128	204	243	1,769	399	291	407
Biomedical Advanced Research and Development Authority	NA	NA	NA	NA	NA	0	1,296	160	1	0
Food and Drug Administration	6	7	5	5	7	26	20	8	10	12
Health Resources and Services Administration	1	1	1	0	0	0	0	1	0	0
National Institutes of Health	136	146	145	123	197	217	453	229	280	395
Department of Homeland Security	361	903	117	13	1	1	0	20	11	55
Coast Guard	1	1	1	1	1	1	0	0	0	0
Science and Technology Directorate	360	902	116	12	0	0	0	19	11	55
Transportation Security Administration	NA	NA	NA	NA	0	0	0	1	0	0
Department of the Interior	5	9	3	5	3	5	7	13	7	6
Bureau of Reclamation	2	3	1	1	1	1	2	2	2	2
Bureau of Safety and Environmental Enforcement	3	6	2	4	2	3	5	11	5	5
Department of Transportation	20	29	25	38	31	39	40	37	38	39
Federal Aviation Administration	16	26	22	37	28	37	38	35	33	34
Federal Railroad Administration	3	3	2	2	2	2	2	1	4	5
National Highway Traffic Safety Administration	0	0	0	0	0	0	0	1	1	1
Department of the Treasury	0	0	0	0	0	4	0	0	0	18
Bureau of Engraving and Printing	0	0	0	0	0	2	0	0	0	18
Mint	0	0	0	0	0	2	0	0	0	0
Other agencies										
Environmental Protection Agency	7	5	5	5	5	5	4	6	6	2
National Aeronautics and Space Administration	127	52	58	43	97	46	36	52	127	108

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(Dollars in millions)

Agency	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 (preliminary)
National Science Foundation	397	320	433	428	509	652	441	433	529	664
Smithsonian Institution	36	33	29	33	33	33	66	0	70	74

\* = 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 2020, 2021, and 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). 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.