

Table 75. Federal obligations for R&D plant, by agency: FYs 2016–25

(Dollars in millions)

Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 (preliminary)
All agencies	2,441	2,652	3,853	4,376	6,150	4,282	6,173	5,664	5,212	4,647
Departments										
Department of Agriculture	23	157	44	29	790	57	179	64	138	61
Agricultural Research Service	8	147	28	19	780	46	170	48	137	61
Forest Service	13	9	16	10	9	12	9	14	0	0
Grain Inspection, Packers, and Stockyards Administration	2	*	na	na	na	na	na	na	na	na
Natural Resources Conservation Service	NA	NA	NA	NA	NA	*	0	1	*	*
Department of Commerce	285	235	394	464	359	429	379	810	911	667
National Institute of Standards and Technology	121	91	105	119	143	251	96	143	135	99
National Oceanic and Atmospheric Administration	164	144	288	345	216	178	282	666	653	565
National Telecommunications and Information Administration	0	0	0	0	0	0	2	1	122	3
Department of Defense	178	291	471	610	312	169	256	291	235	231
Defense Health Agency	NA	NA	NA	NA	15	0	0	0	0	0
Department of the Air Force	120	225	210	193	241	121	131	219	176	173
Air Force	120	225	210	193	241	121	131	219	176	172
Space Force	na	na	na	na	0	0	0	0	*	1
Department of the Army	1	0	0	0	0	NA	0	0	0	0
Department of the Navy	38	49	79	143	45	37	63	58	50	50
Other defense agencies	19	18	182	274	11	10	62	14	9	8
Department of Energy	1,135	1,276	2,062	2,245	2,325	2,668	4,280	3,292	2,915	2,731
Energy Efficiency and Renewable Energy	4	4	227	305	53	42	49	89	58	58
Fossil Energy	0	16	21	23	29	29	29	25	25	25
National Nuclear Security Administration	251	305	474	337	574	967	1,208	1,096	1,012	970
Defense Programs	91	105	259	337	327	617	618	495	591	556
Naval Nuclear Propulsion Program	160	200	214	0	247	331	575	577	255	248
Office of Defense Nuclear Nonproliferation	0	0	0	0	0	19	15	24	166	166
Nuclear Energy	0	0	0	0	0	0	372	477	330	343
Office of Science	880	951	1,340	1,580	1,669	1,630	2,622	1,604	1,489	1,336
Department of Health and Human Services	151	128	204	243	1,769	399	291	484	389	387
Biomedical Advanced Research and Development Authority	NA	NA	NA	0	1,296	160	1	61	2	*
Food and Drug Administration	5	5	7	26	20	8	10	16	4	4
Health Resources and Services Administration	1	0	0	0	0	1	0	2	3	4
National Institutes of Health	145	123	197	217	453	229	280	405	380	380
Department of Homeland Security	117	13	1	1	0	20	11	16	4	6
Coast Guard	1	1	1	1	0	0	0	0	1	0
Science and Technology Directorate	116	12	0	0	0	19	11	15	2	4
Secret Service	NA	NA	0	0	0	0	0	0	0	1
Transportation Security Administration	NA	NA	0	0	0	1	0	1	1	1

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Agency	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025 (preliminary)
Department of the Interior	3	5	3	5	7	13	7	6	9	9
Bureau of Reclamation	1	1	1	1	2	2	2	2	3	2
Bureau of Safety and Environmental Enforcement	2	4	2	3	5	11	5	4	6	7
Department of Transportation	25	38	31	39	40	37	38	35	37	37
Federal Aviation Administration	22	37	28	37	38	35	33	31	28	29
Federal Highway Administration	0	0	0	0	0	0	0	1	*	*
Federal Railroad Administration	2	2	2	2	2	1	4	3	9	8
National Highway Traffic Safety Administration	0	0	0	0	0	1	1	0	0	0
Department of the Treasury	0	0	0	4	0	0	0	0	0	0
Bureau of Engraving and Printing	0	0	0	2	0	0	0	0	0	0
Mint	0	0	0	2	0	0	0	0	0	0
Other agencies										
Environmental Protection Agency	5	5	5	5	4	6	6	2	5	3
National Aeronautics and Space Administration	58	43	97	46	36	52	127	109	63	26
National Science Foundation	433	428	509	652	441	433	529	481	508	489
Smithsonian Institution	29	33	33	33	66	0	70	74	0	0

* = amount greater than \$0 but less than \$500,000. na = not applicable; data were not collected at this level of detail for this agency or subagency. NA = not available; agency did not provide data.

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). For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://ncses.nsf.gov/surveys/federal-funds-research-development/2024-2025#technical-tables>.

Source(s):

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