

TABLE 69

## Federal outlays for R&amp;D plant, by agency: FYs 2015–24

(Dollars in millions)

Agency	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 (preliminary)
All agencies	2,405	2,228	3,223	3,844	3,287	4,786	3,805	4,185	4,762	4,799
Departments										
Department of Agriculture	18	20	15	38	49	75	111	109	111	184
Agricultural Research Service	9	5	6	23	39	66	100	100	95	172
Forest Service	8	13	9	16	10	9	12	9	14	11
Grain Inspection, Packers, and Stockyards Administration	2	2	*	na	na	na	na	na	na	na
Natural Resources Conservation Service	NA	NA	NA	NA	NA	NA	*	0	1	1
Department of Commerce	196	211	183	292	386	261	265	402	623	521
National Institute of Standards and Technology	64	61	64	75	133	94	121	185	149	267
National Oceanic and Atmospheric Administration	132	150	119	217	253	167	144	216	473	251
National Telecommunications and Information Administration	0	0	0	0	0	0	0	2	1	3
Department of Defense	150	168	920	395	353	507	211	251	193	175
Defense Health Agency	NA	NA	NA	NA	NA	15	0	0	0	0
Department of the Air Force	119	122	161	179	205	193	163	164	143	131
Department of the Army	0	5	720	0	0	0	0	0	0	0
Department of the Navy	24	29	30	38	126	284	38	26	34	35
Other defense agencies	8	12	9	177	22	14	11	62	16	10
Department of Energy	992	998	1,168	2,065	1,508	1,790	2,330	2,608	2,752	2,524
Energy Efficiency and Renewable Energy	4	3	4	208	10	55	38	43	43	53
Fossil Energy	18	0	16	21	23	24	28	19	27	26
National Nuclear Security Administration	293	262	290	299	275	512	836	688	862	823
Defense Programs	138	102	89	189	275	256	498	418	608	544
Naval Nuclear Propulsion Program	155	160	200	109	0	247	331	270	230	255
Office of Defense Nuclear Nonproliferation	0	0	0	0	0	9	8	*	24	24
Nuclear Energy	0	0	0	0	0	0	0	304	202	94
Office of Science	677	733	859	1,538	1,200	1,200	1,428	1,554	1,617	1,528
Department of Health and Human Services	127	141	217	222	156	1,502	355	221	440	572
Biomedical Advanced Research and Development Authority	NA	NA	NA	NA	0	1,296	160	1	61	79
Centers for Medicare and Medicaid Services	0	0	0	0	*	0	0	0	0	0
Food and Drug Administration	23	31	29	29	26	28	35	34	43	42
Health Resources and Services Administration	1	1	0	0	0	0	1	0	2	2
National Institutes of Health	104	110	188	193	130	178	158	187	335	448
Department of Homeland Security	228	193	186	215	206	70	13	12	6	47
Coast Guard	1	1	1	1	1	0	0	0	0	0
Science and Technology Directorate	227	192	184	214	205	70	12	12	5	46
Transportation Security Administration	NA	NA	NA	0	0	0	1	0	1	1

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(Dollars in millions)

Agency	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 (preliminary)
Department of the Interior	7	8	3	4	4	5	2	13	8	8
Bureau of Reclamation	3	1	1	1	1	2	2	2	2	3
Bureau of Safety and Environmental Enforcement	4	7	2	2	3	3	0	11	6	6
Department of Transportation	22	29	35	31	38	52	29	33	35	30
Federal Aviation Administration	19	27	32	30	36	50	27	28	32	27
Federal Railroad Administration	3	2	3	1	2	2	1	5	3	3
National Highway Traffic Safety Administration	0	0	0	0	0	0	1	1	0	0
Department of the Treasury	0	0	0	0	4	2	0	0	0	0
Bureau of Engraving and Printing	0	0	0	0	2	2	0	0	0	0
Mint	0	0	0	0	2	*	0	0	0	0
Other agencies										
Environmental Protection Agency	5	5	5	5	5	4	6	6	2	5
National Aeronautics and Space Administration	210	76	88	87	78	27	43	62	57	39
National Science Foundation	415	348	371	457	468	423	371	397	461	617
Nuclear Regulatory Commission	0	0	0	0	0	1	0	0	0	0
Smithsonian Institution	33	29	33	33	33	66	69	70	74	78

\* = 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 2020, 2021, and 2022 outlays 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.