

**Table 99. Federal obligations for R&D plant, by state or location: FYs 2016–24**

(Dollars in millions)

State or location	2016	2017	2018	2019	2020	2021	2022	2023	2024
All locations	2,402	2,594	3,806	4,329	6,081	4,282	6,172	5,664	5,210
Alabama	2	9	128	125	58	7	71	20	52
Alaska	10	7	17	7	12	9	12	38	22
Arizona	99	62	16	13	3	11	60	32	53
Arkansas	4	5	3	0	1	3	20	9	5
California	451	480	656	677	669	656	889	856	713
Colorado	113	46	267	365	141	137	75	154	128
Connecticut	1	2	3	1	*	20	14	7	4
Delaware	1	1	2	10	6	1	1	2	3
District of Columbia	50	32	325	151	98	134	163	166	48
Florida	29	18	80	34	128	74	78	78	61
Georgia	12	144	11	7	38	22	10	15	10
Hawaii	15	15	19	24	6	6	5	18	16
Idaho	89	117	0	3	250	322	818	954	576
Illinois	177	207	383	471	578	533	713	462	480
Indiana	8	4	4	9	1	2	1	2	*
Iowa	4	4	18	2	4	5	39	20	11
Kansas	1	14	11	12	13	13	10	12	1
Kentucky	3	*	2	7	64	6	14	1	8
Louisiana	3	17	21	26	24	30	58	263	65
Maine	1	1	1	*	0	0	*	1	*
Maryland	328	259	478	648	1,828	426	478	639	634
Massachusetts	30	30	18	40	19	22	92	18	19
Michigan	108	104	99	85	51	15	10	15	14
Minnesota	3	2	1	3	3	2	1	10	1
Mississippi	19	16	15	14	12	12	15	32	52
Missouri	12	6	5	11	45	11	20	5	3
Montana	4	*	3	*	2	*	1	2	*
Nebraska	*	*	*	1	0	2	24	1	25
Nevada	*	14	27	1	34	195	167	77	230
New Hampshire	2	*	2	1	3	7	6	12	4
New Jersey	46	47	49	81	41	205	77	69	48
New Mexico	66	40	87	257	73	202	145	142	148
New York	154	148	99	130	233	157	533	239	205
North Carolina	8	12	9	23	54	19	13	16	7
North Dakota	*	1	1	*	1	3	0	1	2
Ohio	121	76	83	95	81	67	74	76	97
Oklahoma	1	4	3	11	4	13	15	6	15

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(Dollars in millions)

State or location	2016	2017	2018	2019	2020	2021	2022	2023	2024
Oregon	18	145	104	144	53	27	67	76	17
Pennsylvania	25	25	17	12	214	25	20	110	31
Rhode Island	28	37	19	28	28	17	19	29	205
South Carolina	26	19	20	22	16	15	24	90	23
South Dakota	1	2	1	*	8	7	7	12	4
Tennessee	195	250	431	513	694	673	967	451	619
Texas	30	33	71	65	128	66	41	59	131
Utah	1	1	1	0	1	1	5	5	1
Vermont	*	*	2	1	6	1	0	0	0
Virginia	83	130	122	104	157	57	188	255	167
Washington	13	4	36	56	122	36	56	74	54
West Virginia	*	1	20	1	2	2	*	3	102
Wisconsin	8	2	4	13	68	2	48	19	33
Wyoming	0	0	1	11	6	0	0	0	52
Outlying areas	1	1	9	18	2	5	7	11	9
American Samoa	0	0	0	0	0	0	0	0	0
Guam	0	0	0	0	0	0	0	0	0
Northern Mariana Islands	0	0	0	0	0	0	0	0	0
Puerto Rico	1	1	9	15	1	*	6	11	9
U.S. Virgin Islands	0	0	0	0	0	0	0	0	0
Other areas <sup>a</sup>	0	0	0	3	1	5	1	0	0
Offices abroad <sup>b</sup>	*	1	1	0	0	0	0	0	0
Undistributed <sup>c</sup>	1	0	0	0	0	0	1	0	0

\* = amount greater than \$0 but less than \$500,000.

<sup>a</sup> Through volume 72 (FYs 2022–23), other areas included American Samoa, Guam, Northern Mariana Islands, and U.S. Virgin Islands as well as Baker Island, Guam, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Palmyra Atoll, and Wake Island. As of volume 73 (FYs 2023–24), obligations were collected separately for American Samoa, Guam, Northern Mariana Islands, and U.S. Virgin Islands.

<sup>b</sup> Offices abroad includes federal obligations for R&D plant located in foreign countries.

<sup>c</sup> Undistributed includes Department of Defense obligations for which the location of performance is not reported.

**Note(s):**

Because of rounding, detail may not add to total. Through volume 70 (FYs 2020–21), 11 agencies were required to report data for this section of the survey: the Departments of Agriculture, Commerce, Defense, Energy, Health and Human Services, Homeland Security, the Interior, and Transportation; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. Obligations of these 11 agencies represented more than 98% of federal R&D plant obligations in FY 2020. As of volume 71, all agencies report data for this section of the survey; therefore, the data are not directly comparable with totals reported in previous years. Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by reporting agencies, corresponding corrections to geographic distributions are rarely obtainable. 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.