

TABLE 99

Federal obligations for R&D plant, by state or location: FYs 2015–23

(Dollars in millions)

State or location	2015	2016	2017	2018	2019	2020	2021	2022	2023
All locations	2,792	2,402	2,594	3,806	4,329	6,081	4,282	6,172	5,664
Alabama	14	2	9	128	125	58	7	71	20
Alaska	8	10	7	17	7	12	9	12	38
Arizona	86	99	62	16	13	3	11	60	32
Arkansas	5	4	5	3	0	1	3	20	9
California	307	451	480	656	677	669	656	889	856
Colorado	74	113	46	267	365	141	137	75	154
Connecticut	2	1	2	3	1	*	20	14	7
Delaware	*	1	1	2	10	6	1	1	2
District of Columbia	40	50	32	325	151	98	134	163	166
Florida	30	29	18	80	34	128	74	78	78
Georgia	5	12	144	11	7	38	22	10	15
Hawaii	14	15	15	19	24	6	6	5	18
Idaho	81	89	117	0	3	250	322	818	954
Illinois	126	177	207	383	471	578	533	713	462
Indiana	8	8	4	4	9	1	2	1	2
Iowa	2	4	4	18	2	4	5	39	20
Kansas	816	1	14	11	12	13	13	10	12
Kentucky	1	3	*	2	7	64	6	14	1
Louisiana	1	3	17	21	26	24	30	58	263
Maine	1	1	1	1	*	0	0	*	1
Maryland	208	328	259	478	648	1,828	426	478	639
Massachusetts	25	30	30	18	40	19	22	92	18
Michigan	96	108	104	99	85	51	15	10	15
Minnesota	3	3	2	1	3	3	2	1	10
Mississippi	18	19	16	15	14	12	12	15	32
Missouri	5	12	6	5	11	45	11	20	5
Montana	1	4	*	3	*	2	*	1	2
Nebraska	3	*	*	*	1	0	2	24	1
Nevada	*	*	14	27	1	34	195	167	77
New Hampshire	1	2	*	2	1	3	7	6	12
New Jersey	45	46	47	49	81	41	205	77	69
New Mexico	86	66	40	87	257	73	202	145	142
New York	204	154	148	99	130	233	157	533	239
North Carolina	6	8	12	9	23	54	19	13	16
North Dakota	*	*	1	1	*	1	3	0	1

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(Dollars in millions)

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Ohio	8	121	76	83	95	81	67	74	76
Oklahoma	10	1	4	3	11	4	13	15	6
Oregon	14	18	145	104	144	53	27	67	76
Pennsylvania	35	25	25	17	12	214	25	20	110
Rhode Island	20	28	37	19	28	28	17	19	29
South Carolina	16	26	19	20	22	16	15	24	90
South Dakota	*	1	2	1	*	8	7	7	12
Tennessee	264	195	250	431	513	694	673	967	451
Texas	9	30	33	71	65	128	66	41	59
Utah	*	1	1	1	0	1	1	5	5
Vermont	*	*	*	2	1	6	1	0	0
Virginia	31	83	130	122	104	157	57	188	255
Washington	37	13	4	36	56	122	36	56	74
West Virginia	14	*	1	20	1	2	2	*	3
Wisconsin	9	8	2	4	13	68	2	48	19
Wyoming	*	0	0	1	11	6	0	0	0
Outlying areas	1	1	1	9	18	2	5	7	11
Puerto Rico	1	1	1	9	15	1	*	6	11
Other areas ^a	0	0	0	0	3	1	5	1	0
Offices abroad ^b	*	*	1	1	0	0	0	0	0
Undistributed ^c	0	1	0	0	0	0	0	1	0

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

^a 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.

^b Offices abroad includes federal obligations for R&D plant located in foreign countries.

^c 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). 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.