

TABLE 99

## Federal obligations for R&amp;D plant, by state or location: FYs 2014–22

(Dollars in millions)

State or location	2014	2015	2016	2017	2018	2019	2020	2021	2022
All locations	2,178	2,792	2,402	2,594	3,806	4,329	6,081	4,282	6,172
Alabama	12	14	2	9	128	125	58	7	71
Alaska	8	8	10	7	17	7	12	9	12
Arizona	29	86	99	62	16	13	3	11	60
Arkansas	6	5	4	5	3	0	1	3	20
California	247	307	451	480	656	677	669	656	889
Colorado	170	74	113	46	267	365	141	137	75
Connecticut	3	2	1	2	3	1	*	20	14
Delaware	1	*	1	1	2	10	6	1	1
District of Columbia	225	40	50	32	325	151	98	134	163
Florida	104	30	29	18	80	34	128	74	78
Georgia	37	5	12	144	11	7	38	22	10
Hawaii	15	14	15	15	19	24	6	6	5
Idaho	3	81	89	117	0	3	250	322	818
Illinois	109	126	177	207	383	471	578	533	713
Indiana	1	8	8	4	4	9	1	2	1
Iowa	4	2	4	4	18	2	4	5	39
Kansas	1	816	1	14	11	12	13	13	10
Kentucky	1	1	3	*	2	7	64	6	14
Louisiana	2	1	3	17	21	26	24	30	58
Maine	1	1	1	1	1	*	0	0	*
Maryland	203	208	328	259	478	648	1,828	426	478
Massachusetts	27	25	30	30	18	40	19	22	92
Michigan	60	96	108	104	99	85	51	15	10
Minnesota	3	3	3	2	1	3	3	2	1
Mississippi	14	18	19	16	15	14	12	12	15
Missouri	10	5	12	6	5	11	45	11	20
Montana	*	1	4	*	3	*	2	*	1
Nebraska	1	3	*	*	*	1	0	2	24
Nevada	1	*	*	14	27	1	34	195	167
New Hampshire	*	1	2	*	2	1	3	7	6
New Jersey	72	45	46	47	49	81	41	205	77
New Mexico	90	86	66	40	87	257	73	202	145
New York	173	204	154	148	99	130	233	157	533
North Carolina	8	6	8	12	9	23	54	19	13
North Dakota	*	*	*	1	1	*	1	3	0
Ohio	4	8	121	76	83	95	81	67	74
Oklahoma	7	10	1	4	3	11	4	13	15
Oregon	12	14	18	145	104	144	53	27	67
Pennsylvania	10	35	25	25	17	12	214	25	20
Rhode Island	18	20	28	37	19	28	28	17	19
South Carolina	16	16	26	19	20	22	16	15	24
South Dakota	2	*	1	2	1	*	8	7	7
Tennessee	293	264	195	250	431	513	694	673	967
Texas	9	9	30	33	71	65	128	66	41
Utah	1	*	1	1	1	0	1	1	5
Vermont	2	*	*	*	2	1	6	1	0
Virginia	104	31	83	130	122	104	157	57	188
Washington	35	37	13	4	36	56	122	36	56
West Virginia	15	14	*	1	20	1	2	2	*
Wisconsin	7	9	8	2	4	13	68	2	48

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**Federal obligations for R&D plant, by state or location: FYs 2014–22**

(Dollars in millions)

State or location	2014	2015	2016	2017	2018	2019	2020	2021	2022
Wyoming	1	*	0	0	1	11	6	0	0
Outlying areas	1	1	1	1	9	18	2	5	7
Puerto Rico	1	1	1	1	9	15	1	*	6
Other areas <sup>a</sup>	0	0	0	0	0	3	1	5	1
Offices abroad <sup>b</sup>	0	*	*	1	1	0	0	0	0
Undistributed <sup>c</sup>	0	0	1	0	0	0	0	0	1

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

<sup>a</sup> Includes American Samoa, Baker Island, Guam, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Northern Mariana Islands, Palmyra Atoll, U.S. Virgin Islands, and Wake Island.<sup>b</sup> Includes federal obligations for R&D plant located in foreign countries.<sup>c</sup> Undistributed totals include Department of Defense (DOD) 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.