

TABLE 99

Federal obligations for R&D plant, by state or location: FYs 2013–21

(Dollars in millions)

State or location	2013	2014	2015	2016	2017	2018	2019	2020	2021
All locations	1,856	2,178	2,792	2,402	2,594	3,806	4,329	6,081	4,282
Alabama	39	12	14	2	9	128	125	58	7
Alaska	8	8	8	10	7	17	7	12	9
Arizona	1	29	86	99	62	16	13	3	11
Arkansas	3	6	5	4	5	3	0	1	3
California	166	247	307	451	480	656	677	669	656
Colorado	151	170	74	113	46	267	365	141	137
Connecticut	2	3	2	1	2	3	1	*	20
Delaware	*	1	*	1	1	2	10	6	1
District of Columbia	168	225	40	50	32	325	151	98	134
Florida	38	104	30	29	18	80	34	128	74
Georgia	92	37	5	12	144	11	7	38	22
Hawaii	13	15	14	15	15	19	24	6	6
Idaho	1	3	81	89	117	0	3	250	322
Illinois	103	109	126	177	207	383	471	578	533
Indiana	3	1	8	8	4	4	9	1	2
Iowa	8	4	2	4	4	18	2	4	5
Kansas	2	1	816	1	14	11	12	13	13
Kentucky	1	1	1	3	*	2	7	64	6
Louisiana	12	2	1	3	17	21	26	24	30
Maine	2	1	1	1	1	1	*	0	0
Maryland	264	203	208	328	259	478	648	1,828	426
Massachusetts	14	27	25	30	30	18	40	19	22
Michigan	24	60	96	108	104	99	85	51	15
Minnesota	2	3	3	3	2	1	3	3	2
Mississippi	15	14	18	19	16	15	14	12	12
Missouri	3	10	5	12	6	5	11	45	11
Montana	1	*	1	4	*	3	*	2	*
Nebraska	1	1	3	*	*	*	1	0	2
Nevada	*	1	*	*	14	27	1	34	195
New Hampshire	1	*	1	2	*	2	1	3	7
New Jersey	56	72	45	46	47	49	81	41	205
New Mexico	83	90	86	66	40	87	257	73	202
New York	94	173	204	154	148	99	130	233	157
North Carolina	7	8	6	8	12	9	23	54	19
North Dakota	0	*	*	*	1	1	*	1	3
Ohio	5	4	8	121	76	83	95	81	67
Oklahoma	8	7	10	1	4	3	11	4	13
Oregon	10	12	14	18	145	104	144	53	27
Pennsylvania	13	10	35	25	25	17	12	214	25
Rhode Island	6	18	20	28	37	19	28	28	17
South Carolina	13	16	16	26	19	20	22	16	15
South Dakota	1	2	*	1	2	1	*	8	7
Tennessee	223	293	264	195	250	431	513	694	673
Texas	15	9	9	30	33	71	65	128	66
Utah	4	1	*	1	1	1	0	1	1
Vermont	*	2	*	*	*	2	1	6	1
Virginia	132	104	31	83	130	122	104	157	57
Washington	41	35	37	13	4	36	56	122	36
West Virginia	*	15	14	*	1	20	1	2	2
Wisconsin	6	7	9	8	2	4	13	68	2

TABLE 99

Federal obligations for R&D plant, by state or location: FYs 2013–21

(Dollars in millions)

State or location	2013	2014	2015	2016	2017	2018	2019	2020	2021
Wyoming	1	1	*	0	0	1	11	6	0
Outlying areas	1	1	1	1	1	9	18	2	5
Puerto Rico	1	1	1	1	1	9	15	1	*
Other areas ^a	0	0	0	0	0	0	3	1	5
Offices abroad ^b	0	0	*	*	1	1	0	0	0
Undistributed ^c	0	0	0	1	0	0	0	0	0

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

^a 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.^b Includes federal obligations for R&D plant located in foreign countries.^c 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 and 2021 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.