

TABLE 59

## Federal obligations for R&amp;D plant, by state or location and performer: FY 2022

(Dollars in thousands)

State or location	Total	Intramural		Extramural			
		Federal agencies <sup>a</sup>	FFRDCs	United States and U.S. territories			
				Businesses	Higher education <sup>b</sup>	Nonprofit organizations	State and local governments
All locations	6,172,465	1,095,957	3,436,961	1,020,424	462,769	148,648	7,707
Alabama	70,588	3,609	0	54,120	12,859	0	0
Alaska	12,386	12,176	0	0	210	0	0
Arizona	60,008	66	*	0	12,453	47,488	0
Arkansas	20,096	1,660	0	0	18,436	0	0
California	888,960	42,614	803,111	9,944	21,202	12,090	0
Colorado	75,381	20,062	48,601	984	5,733	0	0
Connecticut	13,644	0	0	12	13,632	0	0
Delaware	1,275	0	0	0	1,275	0	0
District of Columbia	162,890	151,579	0	1,692	0	9,618	0
Florida	77,920	36,459	0	17,947	23,514	0	0
Georgia	9,749	1,313	0	1,845	6,591	0	0
Hawaii	5,401	4,800	0	0	601	0	0
Idaho	818,143	1,400	348,252	454,520	12,492	0	1,479
Illinois	712,957	11,216	677,692	5,633	18,416	0	0
Indiana	689	0	0	0	689	0	0
Iowa	39,016	0	29,418	0	9,598	0	0
Kansas	10,103	8,497	0	2	1,604	0	0
Kentucky	13,669	10,422	0	0	3,247	0	0
Louisiana	57,947	14,161	0	26,769	16,954	63	0
Maine	220	0	0	0	220	0	0
Maryland	478,016	452,646	9,621	8,701	7,048	0	0
Massachusetts	91,672	0	50,538	94	35,994	5,046	0
Michigan	10,193	70	0	10	10,113	0	0
Minnesota	1,257	0	0	277	980	0	0
Mississippi	15,045	12,303	0	0	2,742	0	0
Missouri	20,017	4,000	0	4,487	11,530	0	0
Montana	1,094	0	0	0	1,094	0	0
Nebraska	24,265	20,000	0	0	4,265	0	0
Nevada	167,221	31	0	165,819	1,371	0	0
New Hampshire	5,738	4,654	0	54	1,030	0	0
New Jersey	77,111	722	51,074	16,350	8,965	0	0
New Mexico	145,352	18,572	116,539	991	9,250	0	0
New York	533,455	11,329	351,013	120,000	51,113	0	0
North Carolina	12,651	2,116	0	2,927	7,608	0	0
North Dakota	0	0	0	0	0	0	0
Ohio	73,692	0	0	1,345	3,342	69,005	0
Oklahoma	14,583	174	0	9,214	5,195	0	0
Oregon	66,546	25,723	0	282	40,542	0	0
Pennsylvania	20,016	1,528	0	131	18,358	0	0
Rhode Island	19,330	19,075	0	255	0	0	0
South Carolina	23,864	18,014	4,977	22	850	0	0
South Dakota	6,827	0	0	0	1,527	0	5,300
Tennessee	967,095	63,490	812,805	78,120	12,680	0	0
Texas	40,716	805	0	15,031	23,952	0	928
Utah	5,416	0	0	2,899	2,517	0	0
Vermont	0	0	0	0	0	0	0

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		Federal agencies <sup>a</sup>	FFRDCs	United States and U.S. territories			
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Virginia	187,885	51,611	104,183	18,411	9,818	3,863	0
Washington	55,761	23,179	28,958	0	2,189	1,435	0
West Virginia	90	0	0	50	0	40	0
Wisconsin	47,999	40,175	0	0	7,824	0	0
Wyoming	0	0	0	0	0	0	0
Outlying areas	7,027	5,704	179	0	1,145	0	0
Puerto Rico	6,008	5,704	0	0	304	0	0
Other areas <sup>c</sup>	1,019	0	179	0	841	0	0
Offices abroad <sup>d</sup>	0	0	0	0	0	0	0
Undistributed <sup>e</sup>	1,486	0	0	1,486	0	0	0

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

FFRDC = federally funded research and development center.

<sup>a</sup> Federal agencies' activities cover costs associated with the administration of federal R&D performance and R&D procurements from nonfederal performers by federal personnel, transfers of funds to other federal agencies for purposes related to R&D, and actual federal performance.<sup>b</sup> Higher education includes both public and private institutions as well as University Affiliated Research Centers.<sup>c</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>d</sup> Includes federal obligations for R&D plant located in foreign countries.<sup>e</sup> Department of Defense obligations for which the location of performance is not reported.**Note(s):**

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. FY 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act).

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2022–23.