

Table 58. Federal obligations for research and experimental development, by state or location and performer: FY 2024

(Dollars in thousands)

State or location	Total	Intramural		Extramural			
				United States and U.S. territories			
		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments
All locations	193,144,203	51,071,672	16,350,372	69,916,646	44,406,783	10,603,536	795,194
Alabama	7,779,925	3,372,619	2,106	3,699,601	657,890	30,424	17,286
Alaska	372,625	92,763	0	136,885	119,401	10,327	13,249
Arizona	2,347,986	140,696	93,790	1,410,859	556,654	126,772	19,215
Arkansas	325,495	47,566	0	84,070	173,855	15,235	4,769
California	24,603,898	3,354,904	5,077,414	9,530,473	5,544,017	1,023,443	73,646
Colorado	9,213,288	394,936	1,053,406	6,573,242	1,064,670	98,726	28,307
Connecticut	2,127,020	53,063	0	1,176,749	872,609	13,072	11,528
Delaware	250,548	6,873	0	62,668	161,519	17,245	2,243
District of Columbia	10,176,965	7,120,818	47,455	1,690,200	272,929	1,031,252	14,310
Florida	4,633,608	886,720	0	2,291,647	1,249,545	193,360	12,337
Georgia	1,987,809	286,227	0	362,046	1,226,990	23,049	89,496
Hawaii	487,029	150,007	2,164	123,988	186,455	23,014	1,401
Idaho	918,233	93,492	646,696	96,804	77,989	1,050	2,202
Illinois	4,014,120	421,284	1,301,084	340,940	1,738,124	200,760	11,928
Indiana	2,814,407	1,064,372	0	995,159	673,376	72,355	9,143
Iowa	831,114	117,474	33,679	281,255	383,387	6,433	8,886
Kansas	516,066	164,130	0	44,122	287,253	6,645	13,916
Kentucky	466,067	74,610	698	56,067	322,465	7,903	4,325
Louisiana	495,430	53,823	400	72,765	338,900	21,781	7,762
Maine	297,702	9,206	0	77,957	88,038	120,908	1,592
Maryland	21,456,402	13,714,652	585,923	3,314,139	3,234,400	584,319	22,971
Massachusetts	9,529,390	652,673	1,011,783	3,560,160	2,067,549	2,228,767	8,457
Michigan	2,599,384	207,318	0	828,921	1,463,501	84,618	15,025
Minnesota	1,364,192	153,666	0	255,702	584,145	354,429	16,250
Mississippi	479,209	221,069	0	63,836	190,119	934	3,251
Missouri	2,375,775	95,994	0	1,202,526	1,022,728	46,756	7,772
Montana	264,521	58,053	0	20,569	176,752	5,119	4,028
Nebraska	331,684	44,765	0	10,277	242,186	30,199	4,256
Nevada	517,931	36,003	0	380,498	91,884	3,360	6,186
New Hampshire	530,035	14,063	0	286,423	204,951	20,722	3,875
New Jersey	1,942,200	327,722	119,101	865,834	555,821	64,720	9,004
New Mexico	3,675,344	656,901	2,129,829	592,299	271,382	18,211	6,722
New York	6,380,937	129,137	589,702	1,277,730	3,734,284	590,689	59,394
North Carolina	3,283,949	407,225	0	508,308	1,841,142	496,718	30,557
North Dakota	210,104	51,265	0	29,204	119,233	4,646	5,755

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Ohio	10,320,672	5,339,098	11,284	3,121,840	1,166,115	666,746	15,589
Oklahoma	613,431	209,916	0	103,582	231,381	59,484	9,068
Oregon	782,421	126,617	0	109,710	508,392	30,337	7,365
Pennsylvania	5,152,250	469,250	47,815	1,595,324	2,560,532	460,982	18,346
Rhode Island	929,847	340,081	0	229,679	273,710	84,852	1,525
South Carolina	2,558,608	200,141	66,482	1,605,838	377,670	298,966	9,512
South Dakota	129,804	11,180	0	25,954	47,772	15,229	29,670
Tennessee	3,894,129	843,125	1,270,415	642,433	1,005,856	118,113	14,186
Texas	7,673,566	205,659	24,433	4,350,580	2,828,039	216,904	47,952
Utah	5,202,729	316,034	0	4,290,688	577,117	12,753	6,137
Vermont	189,892	15,740	0	59,999	110,384	1,514	2,255
Virginia	15,116,135	2,148,764	1,488,405	10,371,502	793,048	299,880	14,535
Washington	3,262,659	266,680	717,123	584,291	993,072	674,085	27,408
West Virginia	298,466	53,617	0	125,300	94,200	17,581	7,768
Wisconsin	1,140,823	128,839	22,657	81,733	836,522	53,074	17,998
Wyoming	111,223	12,676	0	5,929	88,524	227	3,867
Outlying areas	565,881	359,647	0	97,916	96,317	1,034	10,967
American Samoa	2,392	0	0	0	2,392	0	0
Guam	9,367	0	0	247	9,037	0	83
Northern Mariana Islands	2,085	0	0	69	2,016	0	0
Puerto Rico	90,285	6,310	0	2,566	74,491	1,034	5,884
U.S. Virgin Islands	4,572	0	0	1	4,571	0	0
Other areas ^c	457,180	353,337	0	95,034	3,809	0	5,000
Offices abroad ^d	108,867	35,369	4,247	51,401	4,037	13,813	0
Undistributed ^e	5,492,406	5,313,154	2,281	159,023	17,947	0	0

FFRDC = federally funded research and development center.

^a 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, as well as actual federal performance.

^b Higher education includes both public and private institutions as well as University Affiliated Research Centers.

^c Other areas includes Baker Island, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Palmyra Atoll, and Wake Island.

^d Offices abroad includes R&D performed or administered in foreign countries by the U.S. government and federal obligations for R&D plant located in foreign countries.

^e Undistributed includes 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. Geographic distribution of DOD development funding to businesses reflects location of prime contractors and not the numerous subcontractors who perform much of the R&D.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2024–25.