

TABLE 60

Federal obligations for research and experimental development, by state or location and agency: FY 2023

(Dollars in thousands)

State or location	Total	DHS	DOC	DOD	DOE	DOI	DOT	EPA	HHS	NASA	NSF	USDA	Other ^a
All locations	185,638,898	642,208	2,347,897	85,609,770	16,142,523	515,507	1,171,471	572,125	52,183,989	11,687,497	7,473,527	3,517,103	3,775,282
Alabama	5,120,567	3,704	27,593	3,934,045	26,095	1,226	12,308	476	369,389	546,575	81,513	89,615	28,027
Alaska	360,610	1,176	7,810	186,131	13,542	24,078	4,924	4,373	21,353	22,852	55,516	16,209	2,646
Arizona	2,661,988	5,233	4,409	1,732,651	73,794	16,969	7,161	772	389,524	126,583	249,037	37,398	18,457
Arkansas	254,756	0	0	33,211	8,758	3,928	3,881	0	109,190	1,418	20,414	58,962	14,995
California	25,468,227	50,399	57,293	11,467,726	3,127,884	49,096	57,661	14,809	5,659,652	3,587,196	862,139	184,939	349,434
Colorado	7,517,686	1,130	268,434	4,803,200	793,969	49,991	12,879	4,212	552,774	492,848	427,050	63,669	47,529
Connecticut	2,219,655	4,839	8,185	1,291,703	60,845	747	4,404	0	707,452	27,281	54,051	13,194	46,953
Delaware	491,584	0	22,009	60,914	16,285	1,389	1,296	614	87,662	9,427	33,730	13,703	244,556
District of Columbia	9,862,502	34,017	42,928	4,024,086	996,652	9,946	238,430	73,524	550,827	2,061,540	378,671	324,077	1,127,805
Florida	4,885,110	13,111	40,319	3,141,690	97,897	31,899	27,789	13,851	878,602	226,795	241,064	96,443	75,651
Georgia	2,309,497	2,071	3,795	891,006	179,077	2,309	19,682	10,393	809,363	26,843	170,754	134,147	60,058
Hawaii	498,813	40	5,032	299,961	9,498	3,696	856	0	69,109	28,652	53,202	27,386	1,380
Idaho	835,023	3,686	0	137,591	589,231	5,436	921	194	18,318	2,610	25,901	39,269	11,867
Illinois	3,924,339	44,360	3,348	613,107	1,404,761	3,600	20,580	43,169	1,262,474	51,402	314,999	78,256	84,283
Indiana	1,614,096	300	2,511	891,593	61,557	6,447	5,433	29	389,229	23,212	152,401	50,570	30,815
Iowa	846,829	600	2,705	293,411	125,921	532	10,345	0	208,871	19,507	55,212	92,671	37,054
Kansas	594,329	200	5,000	151,528	13,967	3,993	19,626	0	134,411	10,428	53,357	173,269	28,549
Kentucky	498,183	0	250	129,515	56,621	2,154	2,762	0	233,602	6,922	21,178	34,561	10,618
Louisiana	488,418	57	3,281	86,020	10,300	593	6,282	4,235	242,216	5,470	44,769	68,342	16,852
Maine	284,205	0	16,533	41,954	10,626	1,100	22,162	7,364	116,170	17,901	26,227	22,470	1,697
Maryland	21,107,256	24,318	1,489,412	5,377,436	174,290	18,073	33,184	19,493	11,834,240	1,471,400	371,360	215,748	78,303
Massachusetts	9,422,042	53,555	53,721	3,716,809	205,568	9,365	187,986	13,485	4,246,829	200,231	458,774	38,582	237,138
Michigan	2,933,169	1,023	13,638	1,326,480	263,937	5,842	11,839	5,622	949,441	38,303	215,369	37,328	64,349
Minnesota	1,752,451	100	4,016	767,550	51,359	9,018	8,631	13,883	709,495	8,399	86,187	57,088	36,726
Mississippi	516,078	4,526	14,747	167,935	8,147	1,531	8,339	0	85,228	54,086	27,057	129,520	14,964
Missouri	2,115,583	8,379	117	870,175	70,161	14,152	12,021	7,780	788,934	110,158	74,742	117,044	41,919
Montana	489,365	1,233	422	318,225	6,008	12,196	1,983	0	66,670	11,469	35,203	34,716	1,240
Nebraska	349,212	12,334	1,392	51,915	14,322	1,109	1,937	142	146,481	1,001	46,273	66,719	5,588
Nevada	504,949	2,834	6,679	209,945	150,907	10,589	488	30	39,395	36,517	32,970	10,280	4,316
New Hampshire	577,036	380	4,095	303,141	12,033	1,485	1,315	0	127,459	83,784	29,776	10,058	3,509
New Jersey	2,380,226	1,843	26,982	1,247,152	201,429	2,881	29,934	3,129	649,114	30,580	164,368	9,292	13,522
New Mexico	3,945,635	20,555	813	1,682,822	1,967,507	3,944	15,449	460	125,814	53,090	41,420	17,797	15,964
New York	7,596,467	5,744	17,373	1,450,660	1,066,389	7,616	17,498	3,077	4,313,616	105,761	435,135	74,846	98,752
North Carolina	3,597,951	11,138	10,660	406,490	97,347	6,645	9,677	132,982	2,572,876	10,789	191,870	66,494	80,982
North Dakota	174,314	0	0	28,374	22,825	1,650	6,628	30	26,796	747	22,522	63,112	1,630

TABLE 60

Federal obligations for research and experimental development, by state or location and agency: FY 2023

(Dollars in thousands)

State or location	Total	DHS	DOC	DOD	DOE	DOI	DOT	EPA	HHS	NASA	NSF	USDA	Other ^a
Ohio	5,636,353	12,095	445	3,717,813	61,376	5,237	25,839	68,465	1,375,597	125,680	132,658	52,313	58,835
Oklahoma	564,476	0	26,538	178,959	25,947	30,888	16,565	8,987	147,291	32,800	42,660	39,381	14,460
Oregon	901,774	500	9,805	118,950	79,096	9,568	3,506	13,802	395,076	13,047	101,068	95,485	61,871
Pennsylvania	5,082,626	21,005	4,466	1,545,864	636,640	7,242	44,976	2,671	2,326,916	63,169	253,774	86,792	89,111
Rhode Island	927,067	1,263	22,859	551,462	7,107	0	3,600	9,667	243,170	4,717	54,849	7,080	21,293
South Carolina	3,568,996	3,718	13,001	1,330,635	86,917	726	4,568	374	1,978,421	5,337	61,283	47,690	36,326
South Dakota	129,373	0	50	18,223	28,580	62	2,587	0	30,258	17,850	15,741	14,616	1,405
Tennessee	4,041,234	36,170	1,209	924,476	1,718,728	3,955	4,427	49,836	737,163	287,411	70,381	47,473	160,005
Texas	6,248,577	15,536	13,277	2,634,564	211,317	8,592	51,487	10,562	2,183,390	461,312	417,979	157,399	83,162
Utah	4,378,620	1,100	837	3,747,656	38,247	7,512	4,411	10	294,047	117,532	67,458	35,682	64,130
Vermont	288,541	1,686	1,629	134,624	7,165	2,041	640	0	59,729	703	14,352	58,288	7,682
Virginia	14,998,083	227,570	18,201	11,826,336	398,761	68,346	163,084	22,867	846,344	948,742	334,986	57,992	84,854
Washington	3,525,570	5,708	54,835	1,028,312	700,639	14,101	13,395	2,074	1,315,945	77,111	154,701	80,319	78,431
West Virginia	258,246	178	3,737	67,022	32,162	3,373	0	500	79,362	2,992	22,565	43,750	2,604
Wisconsin	1,157,865	0	6,278	156,825	100,940	7,512	3,336	2,804	613,957	16,601	121,461	94,406	33,745
Wyoming	76,505	0	66	1,404	19,394	15,102	1,949	30	10,954	490	21,854	4,612	649
Outlying areas	162,291	500	5,162	23,609	0	6,031	693	1,350	48,687	224	31,547	23,805	20,683
American Samoa	3,205	0	61	1,216	0	0	0	0	0	0	0	1,927	0
Guam	16,262	0	1,509	6,438	0	0	0	0	1,904	0	3,967	2,446	0
Northern Mariana Islands	4,590	0	30	78	0	0	0	0	0	0	400	4,082	0
Puerto Rico	91,915	500	3,503	6,254	0	821	194	1,350	46,449	224	19,252	12,880	491
U.S. Virgin Islands	11,419	0	59	283	0	0	499	0	335	0	7,929	2,315	0
Other areas ^b	34,899	0	0	9,340	0	5,211	0	0	0	0	0	156	20,192
Offices abroad ^c	82,126	2,293	0	54,457	1	0	116	0	5,104	0	0	2,249	17,906
Undistributed ^d	5,412,426	NA	NA	5,412,426	NA	NA	NA	NA	NA	NA	NA	NA	NA

NA = not available; data were not collected at that level for that fiscal year.

DHS = Department of Homeland Security; DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; DOI = Department of the Interior; DOT = Department of Transportation; EPA = Environmental Protection Agency; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = Department of Agriculture.

^a Other includes data for the Departments of Education, Justice, Labor, State, the Treasury, and Veterans Affairs; the Agency for Global Media; the Agency for International Development; the Appalachian Regional Commission; the Consumer Product Safety Commission; the Federal Trade Commission; the Library of Congress; the Nuclear Regulatory Commission; the Patient-Centered Outcomes Research Trust Fund; the Postal Service; the Smithsonian Institution; the Social Security Administration; and the Tennessee Valley Authority.^b Other areas includes Baker Island, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Palmyra Atoll, and Wake Island.^c Offices abroad includes R&D performed or administered in foreign countries by the U.S. government.^d Undistributed includes 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. 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, FYs 2023–24.