

Table 60. Federal obligations for research and experimental development, by state or location and agency: FY 2024

(Dollars in thousands)

State or location	Total	DHS	DOC	DOD	DOE	DOI	DOT	EPA	HHS	NASA	NSF	USDA	Other ^a
All locations	193,144,203	529,173	2,664,460	97,219,402	16,890,553	493,408	1,186,435	535,279	48,467,633	10,883,673	6,983,173	3,483,730	3,807,283
Alabama	7,779,925	6,369	60,951	6,561,678	46,588	949	24,207	117	392,475	522,146	75,897	61,815	26,732
Alaska	372,625	9,450	10,194	210,901	14,066	22,143	3,777	519	16,053	20,713	43,628	15,322	5,860
Arizona	2,347,986	9,192	3,360	1,456,766	64,052	15,799	2,994	0	393,883	103,817	241,280	32,537	24,307
Arkansas	325,495	1	15,060	83,902	5,784	3,629	4,613	0	111,271	544	28,335	59,209	13,148
California	24,603,898	29,697	49,380	11,457,335	3,096,270	38,337	72,242	5,565	5,448,357	3,051,356	797,526	190,125	367,707
Colorado	9,213,288	2,648	253,663	6,376,900	1,061,188	40,303	16,826	7,531	596,060	409,482	320,536	73,488	54,662
Connecticut	2,127,020	4,238	2,747	1,138,335	71,847	1,436	8,005	1,542	763,864	21,134	52,818	11,484	49,570
Delaware	250,548	0	19,040	53,992	12,851	1,283	1,865	187	87,154	7,435	54,876	10,050	1,816
District of Columbia	10,176,965	36,653	396,415	3,837,236	1,374,600	25,489	294,389	68,842	337,887	2,009,260	117,308	458,164	1,220,722
Florida	4,633,608	5,848	60,259	2,965,051	75,968	28,711	32,913	11,222	867,452	184,315	229,040	91,778	81,053
Georgia	1,987,809	1,174	2,268	646,380	133,925	2,340	23,615	8,742	807,181	21,687	152,374	127,253	60,870
Hawaii	487,029	0	10,092	276,640	15,604	3,632	1,054	0	74,175	28,672	49,012	26,768	1,381
Idaho	918,233	201	2,875	149,856	647,599	5,124	898	242	22,537	2,059	36,478	36,535	13,829
Illinois	4,014,120	30,034	2,853	624,876	1,456,159	3,304	22,895	42,628	1,316,052	33,357	339,134	65,659	77,168
Indiana	2,814,407	2,212	3,576	2,091,874	67,551	5,436	5,814	154	409,447	17,627	148,737	31,128	30,851
Iowa	831,114	905	584	289,388	64,135	764	19,065	0	236,638	15,205	59,472	104,474	40,484
Kansas	516,066	1	5,232	73,779	15,610	3,689	13,284	155	139,942	14,332	49,815	180,002	20,225
Kentucky	466,067	0	541	38,134	85,868	1,990	4,638	0	230,594	7,486	45,682	35,112	16,023
Louisiana	495,430	6	2,435	105,166	10,371	643	6,363	5,426	212,692	6,246	78,436	58,231	9,414
Maine	297,702	*	5,869	82,118	16,219	1,017	114	3,186	123,854	7,116	27,970	29,857	383
Maryland	21,456,402	45,371	1,329,807	5,761,291	154,535	15,945	43,125	14,991	11,948,503	1,474,287	365,847	223,584	79,118
Massachusetts	9,529,390	31,195	36,677	4,360,371	223,556	9,397	160,268	14,528	3,730,765	197,128	469,414	40,712	255,377
Michigan	2,599,384	2,784	24,545	943,426	265,315	5,175	17,803	3,930	991,832	38,592	203,228	29,023	73,732
Minnesota	1,364,192	3	4,161	329,592	58,981	8,552	7,854	12,525	761,765	9,637	80,436	58,626	32,060
Mississippi	479,209	0	18,125	152,860	10,224	1,981	14,391	0	67,502	41,281	36,570	130,761	5,513
Missouri	2,375,775	4,894	8,194	1,061,605	103,738	13,294	13,145	156	891,148	120,068	74,306	43,620	41,608
Montana	264,521	1,032	187	84,375	8,628	10,363	1,939	0	81,959	8,042	33,702	34,294	0
Nebraska	331,684	12,707	168	40,364	8,206	1,242	5,750	3,726	133,582	1,369	47,260	72,061	5,249
Nevada	517,931	785	6,002	240,444	148,654	8,473	2,731	117	32,711	29,084	33,819	7,694	7,418
New Hampshire	530,035	202	12,092	266,883	26,220	1,811	3,353	1,830	140,430	30,770	31,141	13,387	1,917
New Jersey	1,942,200	974	31,087	1,060,589	194,660	2,482	25,050	3,178	433,812	30,954	130,289	7,016	22,109
New Mexico	3,675,344	9,455	2,530	1,362,357	2,027,908	2,750	9,805	154	122,913	44,182	51,955	21,238	20,098
New York	6,380,937	7,023	13,303	958,520	1,185,961	6,706	8,843	3,006	3,482,463	115,006	429,339	55,336	115,429
North Carolina	3,283,949	12,122	8,395	350,435	98,561	6,646	13,603	133,877	2,241,008	13,455	212,058	94,695	99,095
North Dakota	210,104	0	0	39,313	23,611	1,516	5,819	0	31,786	699	32,526	74,465	369
Ohio	10,320,672	10,604	9,157	8,700,886	103,316	4,738	20,732	66,734	1,041,634	149,266	101,010	53,049	59,546
Oklahoma	613,431	0	65,867	210,647	25,054	34,063	12,949	7,976	156,764	6,372	41,569	37,220	14,950

Table 60. Federal obligations for research and experimental development, by state or location and agency: FY 2024

(Dollars in thousands)

State or location	Total	DHS	DOC	DOD	DOE	DOI	DOT	EPA	HHS	NASA	NSF	USDA	Other ^a
Oregon	782,421	508	9,221	73,350	30,296	8,446	4,025	16,064	394,497	14,342	79,124	85,959	66,590
Pennsylvania	5,152,250	7,390	11,619	1,581,039	729,944	6,287	37,274	5,977	2,260,635	74,568	278,225	76,745	82,547
Rhode Island	929,847	195	25,158	565,645	5,869	340	*	10,107	239,973	7,702	51,780	2,773	20,305
South Carolina	2,558,608	4,290	10,776	1,434,473	78,168	670	7,457	79	867,261	13,523	65,896	39,360	36,654
South Dakota	129,804	0	*	19,586	33,555	0	1,494	0	29,552	8,332	22,888	13,300	1,097
Tennessee	3,894,129	9,717	2,519	904,251	1,492,471	4,038	8,610	40,360	855,042	267,483	107,596	47,801	154,241
Texas	7,673,566	23,543	30,744	4,427,287	194,066	8,599	47,278	10,342	1,859,804	450,916	367,249	154,701	99,036
Utah	5,202,729	1,618	1,592	4,523,085	46,450	6,750	1,920	2,491	309,017	124,954	72,497	40,927	71,428
Vermont	189,892	2,625	2,566	57,228	1,950	1,886	1,728	0	55,375	2,959	19,085	37,157	7,335
Virginia	15,116,135	194,129	31,988	12,130,293	332,794	72,150	129,156	22,036	649,340	1,017,783	305,498	42,490	188,477
Washington	3,262,659	6,082	47,060	724,678	726,769	14,406	11,810	1,623	1,343,023	81,696	130,948	91,050	83,515
West Virginia	298,466	0	426	116,306	31,136	3,117	1,471	0	75,359	3,564	24,258	40,739	2,090
Wisconsin	1,140,823	4	8,372	178,020	123,100	6,723	2,462	3,332	586,200	19,155	95,633	85,991	31,832
Wyoming	111,223	190	536	1,062	60,251	12,895	3,731	0	10,335	1,668	16,255	4,299	0
Outlying areas	565,881	504	4,190	448,376	0	5,953	1,287	0	52,109	848	23,420	24,668	4,526
American Samoa	2,392	0	0	0	0	0	0	0	0	0	368	2,024	0
Guam	9,367	0	0	0	0	0	0	0	2,220	0	4,174	2,973	0
Northern Mariana Islands	2,085	0	0	36	0	0	0	0	0	0	0	2,049	0
Puerto Rico	90,285	504	2,835	3,339	0	758	1,150	0	49,443	848	17,241	13,176	991
U.S. Virgin Islands	4,572	0	0	151	0	0	0	0	446	0	1,637	2,337	0
Other areas ^b	457,180	0	1,355	444,849	0	5,195	137	0	0	0	0	2,109	3,535
Offices abroad ^c	108,867	596	0	98,050	351	0	0	82	1,964	0	0	0	7,822
Undistributed ^d	5,492,406	NA	NA	5,492,406	NA	NA	NA	NA	NA	NA	NA	NA	NA

* = amount greater than \$0 but less than \$500. NA = not available; agency did not provide data.

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 Nuclear Regulatory Commission; the Patient-Centered Outcomes Research Trust Fund; the Postal Service; the RESTORE Act Centers of Excellence Research Grants Program; 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. For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://ncses.nsf.gov/surveys/federal-funds-research-development/2024-2025#technical-tables>.**Source(s):**

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