

Table 63. Department of Defense obligations for research, development, test, and evaluation, by state or location, agency, and performer: FY 2024

(Dollars in thousands)

State or location and agency	Total	Intramural		Extramural			
		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments
Alabama							
Department of Defense, RDT&E	6,928,263	3,530,706	29,897	3,301,342	52,263	14,055	0
Department of Defense, R&D conduct	6,561,678	3,332,756	2,106	3,169,777	42,985	14,055	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	366,585	197,951	27,791	131,565	9,278	0	0
Alaska							
Department of Defense, RDT&E	219,803	61,790	0	138,706	16,181	3,026	100
Department of Defense, R&D conduct	210,901	58,713	0	132,881	16,181	3,026	100
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	8,902	3,077	0	5,825	0	0	0
Arizona							
Department of Defense, RDT&E	1,849,716	117,268	0	1,668,346	52,133	5,368	6,601
Department of Defense, R&D conduct	1,456,766	76,121	0	1,322,647	46,030	5,368	6,601
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	392,949	41,147	0	345,699	6,103	0	0
Arkansas							
Department of Defense, RDT&E	107,342	24,054	0	69,931	13,150	207	0
Department of Defense, R&D conduct	83,902	1,975	0	68,570	13,150	207	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	23,440	22,079	0	1,361	0	0	0
California							
Department of Defense, RDT&E	12,985,741	3,622,127	750,685	8,082,273	411,453	117,013	2,189
Department of Defense, R&D conduct	11,457,335	2,931,214	510,490	7,488,186	408,242	117,013	2,189
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	1,528,407	690,913	240,196	594,087	3,211	0	0
Colorado							
Department of Defense, RDT&E	6,807,643	125,630	17,630	6,580,855	68,093	15,435	0
Department of Defense, R&D conduct	6,376,900	72,911	16,920	6,203,541	68,093	15,435	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	430,743	52,719	710	377,314	0	0	0
Connecticut							
Department of Defense, RDT&E	1,662,409	166,597	0	1,441,474	52,922	1,416	0
Department of Defense, R&D conduct	1,138,335	9,848	0	1,074,150	52,922	1,416	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	524,074	156,749	0	367,325	0	0	0
Delaware							
Department of Defense, RDT&E	54,185	5,185	0	29,121	18,206	1,673	0

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State or location and agency	Total	Intramural		Extramural			
		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments
Department of Defense, R&D conduct	53,992	5,185	0	28,928	18,206	1,673	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	193	0	0	193	0	0	0
District of Columbia							
Department of Defense, RDT&E	4,625,353	3,404,139	42,743	957,147	30,909	190,065	350
Department of Defense, R&D conduct	3,837,236	2,680,154	38,254	898,044	30,869	189,566	350
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	788,117	723,985	4,489	59,103	40	500	0
Florida							
Department of Defense, RDT&E	3,646,945	929,123	0	2,532,735	127,001	57,986	100
Department of Defense, R&D conduct	2,965,051	747,259	0	2,063,404	124,248	30,040	100
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	681,895	181,864	0	469,332	2,753	27,946	0
Georgia							
Department of Defense, RDT&E	848,548	230,857	0	375,085	229,227	13,379	0
Department of Defense, R&D conduct	646,380	156,011	0	292,126	185,652	12,591	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	202,168	74,846	0	82,959	43,575	788	0
Hawaii							
Department of Defense, RDT&E	287,732	130,542	2,164	112,767	29,066	13,194	0
Department of Defense, R&D conduct	276,640	124,646	2,164	109,476	27,160	13,194	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	11,092	5,896	0	3,291	1,905	0	0
Idaho							
Department of Defense, RDT&E	193,558	93,134	6,072	92,432	1,740	181	0
Department of Defense, R&D conduct	149,856	62,668	3,856	81,412	1,740	181	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	43,702	30,466	2,216	11,020	0	0	0
Illinois							
Department of Defense, RDT&E	707,072	352,909	1,664	212,102	131,234	9,163	0
Department of Defense, R&D conduct	624,876	297,948	1,664	184,868	131,234	9,163	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	82,196	54,961	0	27,234	0	0	0
Indiana							
Department of Defense, RDT&E	2,264,647	1,092,977	0	1,031,279	69,006	71,385	*
Department of Defense, R&D conduct	2,091,874	1,029,608	0	927,025	63,855	71,385	*

Table 63. Department of Defense obligations for research, development, test, and evaluation, by state or location, agency, and performer: FY 2024

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State or location and agency	Total	Intramural		Extramural			
		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	172,774	63,368	0	104,255	5,151	0	0
Iowa							
Department of Defense, RDT&E	319,295	13,443	199	290,781	14,680	193	0
Department of Defense, R&D conduct	289,388	10,958	199	263,359	14,680	193	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	29,907	2,485	0	27,422	0	0	0
Kansas							
Department of Defense, RDT&E	79,560	4,243	1,497	22,747	51,043	30	0
Department of Defense, R&D conduct	73,779	2,904	0	19,802	51,043	30	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	5,781	1,339	1,497	2,945	0	0	0
Kentucky							
Department of Defense, RDT&E	54,559	3,690	698	35,077	14,994	100	0
Department of Defense, R&D conduct	38,134	2,188	698	20,154	14,994	100	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	16,426	1,502	0	14,923	0	0	0
Louisiana							
Department of Defense, RDT&E	116,348	1,545	400	68,157	27,505	18,741	0
Department of Defense, R&D conduct	105,166	1,365	400	57,655	27,005	18,741	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	11,181	180	0	10,501	500	0	0
Maine							
Department of Defense, RDT&E	90,868	0	0	61,529	28,657	682	0
Department of Defense, R&D conduct	82,118	0	0	59,779	21,657	682	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	8,750	0	0	1,750	7,000	0	0
Maryland							
Department of Defense, RDT&E	6,956,534	3,206,084	21,473	2,111,821	1,135,757	480,641	758
Department of Defense, R&D conduct	5,761,291	2,697,407	21,473	1,551,278	1,009,734	480,641	758
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	1,195,243	508,677	0	560,543	126,023	0	0
Massachusetts							
Department of Defense, RDT&E	4,838,802	354,747	993,781	2,952,683	302,102	235,455	34
Department of Defense, R&D conduct	4,360,371	238,292	928,756	2,715,427	291,785	186,111	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	478,432	116,455	65,025	237,256	10,317	49,345	34

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		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments
Michigan							
Department of Defense, RDT&E	1,167,770	175,176	0	856,183	85,542	50,869	0
Department of Defense, R&D conduct	943,426	145,619	0	676,806	85,542	35,460	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	224,344	29,557	0	179,377	0	15,409	0
Minnesota							
Department of Defense, RDT&E	356,035	86,990	0	186,172	45,600	37,274	0
Department of Defense, R&D conduct	329,592	86,985	0	159,734	45,600	37,274	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	26,442	4	0	26,438	0	0	0
Mississippi							
Department of Defense, RDT&E	165,530	106,293	0	50,338	8,713	185	0
Department of Defense, R&D conduct	152,860	101,822	0	47,317	3,535	185	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	12,670	4,471	0	3,021	5,178	0	0
Missouri							
Department of Defense, RDT&E	1,311,228	49,756	1,610	1,226,103	26,934	6,825	0
Department of Defense, R&D conduct	1,061,605	38,791	0	989,055	26,934	6,825	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	249,622	10,965	1,610	237,048	0	0	0
Montana							
Department of Defense, RDT&E	119,846	0	0	29,344	90,480	22	0
Department of Defense, R&D conduct	84,375	0	0	5,282	79,071	22	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	35,470	0	0	24,061	11,409	0	0
Nebraska							
Department of Defense, RDT&E	135,433	61,507	0	48,121	22,680	3,124	0
Department of Defense, R&D conduct	40,364	11,100	0	7,211	22,030	23	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	95,068	50,408	0	40,910	650	3,101	0
Nevada							
Department of Defense, RDT&E	255,877	6,960	0	241,313	7,603	0	0
Department of Defense, R&D conduct	240,444	6,858	0	225,983	7,603	0	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	15,432	103	0	15,330	0	0	0
New Hampshire							
Department of Defense, RDT&E	345,973	5,952	0	324,259	15,556	206	0

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		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments
Department of Defense, R&D conduct	266,883	5,773	0	245,347	15,556	206	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	79,091	179	0	78,912	0	0	0
New Jersey							
Department of Defense, RDT&E	1,252,481	364,893	70,465	735,914	57,836	23,349	23
Department of Defense, R&D conduct	1,060,589	296,290	0	684,592	56,336	23,349	23
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	191,891	68,603	70,465	51,323	1,500	0	0
New Mexico							
Department of Defense, RDT&E	1,544,045	461,685	475,825	561,460	43,417	1,659	0
Department of Defense, R&D conduct	1,362,357	420,315	369,479	528,469	42,435	1,659	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	181,688	41,370	106,345	32,991	982	0	0
New York							
Department of Defense, RDT&E	1,235,259	92,029	4,200	821,014	207,781	110,231	4
Department of Defense, R&D conduct	958,520	48,286	4,200	588,018	207,781	110,231	4
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	276,739	43,742	0	232,996	0	0	0
North Carolina							
Department of Defense, RDT&E	447,622	36,258	0	272,031	111,051	28,282	0
Department of Defense, R&D conduct	350,435	29,252	0	181,850	111,051	28,282	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	97,187	7,006	0	90,181	0	0	0
North Dakota							
Department of Defense, RDT&E	39,313	984	0	28,840	5,950	40	3,500
Department of Defense, R&D conduct	39,313	984	0	28,840	5,950	40	3,500
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	*	0	0	*	0	0	0
Ohio							
Department of Defense, RDT&E	9,149,817	5,261,393	6,634	3,270,694	220,663	390,432	1
Department of Defense, R&D conduct	8,700,886	5,191,402	6,404	2,893,115	219,532	390,432	1
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	448,931	69,991	230	377,579	1,131	0	0
Oklahoma							
Department of Defense, RDT&E	997,694	172,530	0	813,888	9,936	1,340	0
Department of Defense, R&D conduct	210,647	111,624	0	87,747	9,936	1,340	0

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		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	787,047	60,907	0	726,140	0	0	0
Oregon							
Department of Defense, RDT&E	73,883	1,860	0	46,106	24,736	1,181	0
Department of Defense, R&D conduct	73,350	1,860	0	45,573	24,736	1,181	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	533	0	0	533	0	0	0
Pennsylvania							
Department of Defense, RDT&E	1,996,362	385,944	48,065	1,048,625	424,152	89,576	1
Department of Defense, R&D conduct	1,581,039	317,830	47,565	760,997	365,794	88,854	1
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	415,323	68,114	500	287,629	58,359	722	0
Rhode Island							
Department of Defense, RDT&E	724,067	386,285	0	290,165	45,065	2,553	0
Department of Defense, R&D conduct	565,645	309,474	0	222,346	31,273	2,553	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	158,422	76,811	0	67,820	13,791	0	0
South Carolina							
Department of Defense, RDT&E	1,528,437	183,926	8,194	1,008,127	35,917	292,273	0
Department of Defense, R&D conduct	1,434,473	133,868	8,054	965,569	35,917	291,065	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	93,963	50,058	140	42,558	0	1,208	0
South Dakota							
Department of Defense, RDT&E	20,147	245	0	19,846	0	54	2
Department of Defense, R&D conduct	19,586	245	0	19,285	0	54	2
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	561	0	0	561	0	0	0
Tennessee							
Department of Defense, RDT&E	947,084	757,773	24,625	93,717	67,400	3,486	85
Department of Defense, R&D conduct	904,251	730,986	23,501	78,793	67,400	3,486	85
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	42,833	26,787	1,124	14,923	0	0	0
Texas							
Department of Defense, RDT&E	6,947,164	973,892	24,765	5,443,782	472,695	32,029	0
Department of Defense, R&D conduct	4,427,287	89,544	24,433	3,826,989	456,295	30,026	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	2,519,877	884,348	332	1,616,793	16,401	2,003	0

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Utah							
Department of Defense, RDT&E	4,710,571	295,979	0	4,219,522	190,647	4,423	0
Department of Defense, R&D conduct	4,523,085	225,934	0	4,122,818	169,911	4,423	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	187,485	70,045	0	96,704	20,736	0	0
Vermont							
Department of Defense, RDT&E	57,294	0	0	48,455	8,691	148	0
Department of Defense, R&D conduct	57,228	0	0	48,389	8,691	148	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	66	0	0	66	0	0	0
Virginia							
Department of Defense, RDT&E	13,324,050	2,064,643	1,132,756	9,866,318	174,772	84,344	1,218
Department of Defense, R&D conduct	12,130,293	1,847,354	1,074,541	9,025,580	97,463	84,138	1,218
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	1,193,757	217,289	58,215	840,738	77,309	206	0
Washington							
Department of Defense, RDT&E	815,087	162,648	32,591	485,829	95,636	38,383	*
Department of Defense, R&D conduct	724,678	125,647	24,305	448,079	88,264	38,383	*
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	90,409	37,001	8,286	37,750	7,372	0	0
West Virginia							
Department of Defense, RDT&E	127,060	7,011	0	115,199	3,049	1,801	0
Department of Defense, R&D conduct	116,306	3,778	0	107,678	3,049	1,801	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	10,753	3,232	0	7,521	0	0	0
Wisconsin							
Department of Defense, RDT&E	178,020	52,392	22,657	27,756	65,139	10,076	0
Department of Defense, R&D conduct	178,020	52,392	22,657	27,756	65,139	10,076	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	0	0	0	0	0	0	0
Wyoming							
Department of Defense, RDT&E	3,818	36	0	3,729	0	52	0
Department of Defense, R&D conduct	1,062	36	0	973	0	52	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	2,756	0	0	2,756	0	0	0
Outlying areas							
Department of Defense, RDT&E	449,715	353,337	0	92,739	3,634	5	0

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Department of Defense, R&D conduct	448,376	353,337	0	91,400	3,634	5	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	1,339	0	0	1,339	0	0	0
American Samoa							
Department of Defense, RDT&E	0	0	0	0	0	0	0
Department of Defense, R&D conduct	0	0	0	0	0	0	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	0	0	0	0	0	0	0
Guam							
Department of Defense, RDT&E	0	0	0	0	0	0	0
Department of Defense, R&D conduct	0	0	0	0	0	0	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	0	0	0	0	0	0	0
Northern Mariana Islands							
Department of Defense, RDT&E	36	0	0	36	0	0	0
Department of Defense, R&D conduct	36	0	0	36	0	0	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	0	0	0	0	0	0	0
Puerto Rico							
Department of Defense, RDT&E	3,339	0	0	1	3,334	5	0
Department of Defense, R&D conduct	3,339	0	0	1	3,334	5	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	0	0	0	0	0	0	0
U.S. Virgin Islands							
Department of Defense, RDT&E	151	0	0	1	150	0	0
Department of Defense, R&D conduct	151	0	0	1	150	0	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	0	0	0	0	0	0	0
Other areas ^d							
Department of Defense, RDT&E	446,188	353,337	0	92,700	150	0	0
Department of Defense, R&D conduct	444,849	353,337	0	91,362	150	0	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	1,339	0	0	1,339	0	0	0
Offices abroad ^e							
Department of Defense, RDT&E	104,667	38,894	4,247	51,849	15	9,663	0
Department of Defense, R&D conduct	98,050	33,405	4,247	50,721	15	9,663	0

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		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	6,616	5,489	0	1,127	0	0	0
Undistributed ^f							
Department of Defense, RDT&E	37,601,743	5,776,355	2,306	31,805,134	17,947	0	0
Department of Defense, R&D conduct	5,492,406	5,313,154	2,281	159,023	17,947	0	0
Department of Defense, Operational System Development and Software and Digital Technology Pilot Programs ^c	32,109,337	463,201	25	31,646,111	0	0	0

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

FFRDC = federally funded research and development center; RDT&E = research, development, test, and evaluation.

^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, and actual federal performance.^b Higher education includes both public and private institutions as well as University Affiliated Research Centers.^c Funding for Department of Defense's (DOD's) Operational System Development (Budget Activity 7) was first reported as a separate category for volume 66. As of volume 73, it was combined with funding for DOD's Software and Digital Technology Pilot Programs (Budget Activity 8).^d Other areas includes Baker Island, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Palmyra Atoll, and Wake Island.^e Offices abroad includes both R&D and RDT&E performed or administered in foreign countries by the U.S. government.^f 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.