

Table 37. Preliminary federal obligations for experimental development, by agency and performer: FY 2025

(Dollars in thousands)

Agency	Total	Intramural		Extramural				
				United States and U.S. territories				Non-U.S. performers
		Federal agencies ^a	FFRDCs	Businesses	Higher education ^b	Nonprofit organizations	State and local governments	
All agencies	98,815,147	33,728,372	4,542,750	54,131,563	3,546,447	2,341,713	193,982	330,320
Departments								
Department of Agriculture	284,406	229,674	0	1,354	40,082	2,933	9,677	687
Agricultural Marketing Service	9,199	0	0	0	2,623	157	6,419	0
Agricultural Research Service	179,000	157,608	0	0	18,964	1,725	17	687
Animal and Plant Health Inspection Service	43,083	19,000	0	1,354	18,436	1,051	3,241	0
Forest Service	49,034	49,034	0	0	0	0	0	0
National Agricultural Statistics Service	4,091	4,032	0	0	59	0	0	0
Department of Commerce	7,958,860	7,149,326	1	611,740	123,258	39,538	27	34,969
Census Bureau	165,119	164,812	0	0	0	307	0	0
National Institute of Standards and Technology	7,184,044	6,877,147	0	283,992	21,709	1,196	0	0
National Oceanic and Atmospheric Administration	199,270	107,366	1	98	91,588	183	27	7
National Telecommunications and Information Administration	410,426	0	0	327,651	9,961	37,852	0	34,963
Department of Defense, total experimental development	82,113,549	25,425,503	2,411,407	49,247,163	2,519,928	2,223,476	14,768	271,305
Defense Advanced Research Projects Agency	2,302,690	160,082	42,521	1,814,445	234,470	42,934	0	8,237
Defense Health Agency	1,998,761	237,388	10,883	474,496	630,756	582,126	0	63,112
Department of the Air Force	26,794,628	6,332,763	683,681	19,042,282	441,609	202,899	8,453	82,942
Air Force	16,174,860	5,563,531	288,698	9,790,911	353,140	178,059	521	0
Space Force	10,619,768	769,232	394,983	9,251,372	88,469	24,839	7,932	82,942
Department of the Army	12,865,916	3,770,556	120,669	7,976,572	255,367	736,433	8	6,311
Department of the Navy	20,513,050	7,856,250	428,861	11,563,384	503,070	139,932	51	21,502
Other defense agencies	17,638,504	7,068,463	1,124,792	8,375,984	454,655	519,152	6,256	89,201
Department of Defense, advanced technology	11,503,829	2,876,986	254,069	5,153,357	1,558,382	1,514,380	2,778	143,878
Defense Advanced Research Projects Agency	2,120,906	90,869	42,521	1,702,053	234,460	42,767	0	8,236
Defense Health Agency	1,638,884	132,407	3,280	278,198	622,446	548,898	0	53,655
Department of the Air Force	1,758,141	455,708	22,495	1,044,343	171,441	63,633	521	0
Air Force	1,331,197	434,379	0	675,571	157,393	63,333	521	0
Space Force	426,944	21,329	22,495	368,772	14,048	300	0	0
Department of the Army	1,509,493	894,839	18,862	63,680	205,584	324,423	0	2,104
Department of the Navy	1,323,651	372,394	49,452	671,575	141,314	88,598	1	318
Other defense agencies	3,152,754	930,768	117,459	1,393,508	183,137	446,061	2,256	79,565
Department of Defense, major systems	70,609,720	22,548,517	2,157,338	44,093,806	961,546	709,096	11,990	127,427
Defense Advanced Research Projects Agency	181,784	69,213	0	112,393	11	167	0	*
Defense Health Agency	359,877	104,981	7,603	196,298	8,310	33,228	0	9,457

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Department of the Air Force	25,036,487	5,877,055	661,186	17,997,939	270,167	139,265	7,932	82,942
Air Force	14,843,663	5,129,152	288,698	9,115,340	195,746	114,726	0	0
Space Force	10,192,824	747,903	372,488	8,882,600	74,421	24,539	7,932	82,942
Department of the Army	11,356,423	2,875,717	101,806	7,912,891	49,783	412,010	8	4,207
Department of the Navy	19,189,399	7,483,857	379,409	10,891,808	361,757	51,334	50	21,184
Other defense agencies	14,485,749	6,137,695	1,007,333	6,982,476	271,518	73,091	4,000	9,636
Department of Education	105,265	0	0	8,451	53,447	28,714	14,654	0
Department of Energy	2,667,875	134,416	1,104,487	1,189,748	219,778	7,388	12,033	24
Advanced Research Projects Agency—Energy	115,000	251	11,844	57,208	40,369	5,329	0	0
Electricity Delivery and Energy Reliability	92,666	547	78,375	10,491	1,053	1,912	287	0
Energy Efficiency and Renewable Energy	977,335	6,536	551,724	229,301	178,028	0	11,746	0
Environmental Management	25,841	0	18,347	7,494	0	0	0	0
National Nuclear Security Administration	1,271,419	114,395	301,754	854,941	328	0	0	0
Defense Programs	372,248	52,855	192,262	127,131	0	0	0	0
Naval Nuclear Propulsion Program	780,210	61,540	0	718,670	0	0	0	0
Office of Defense Nuclear Nonproliferation	118,961	0	109,492	9,140	328	0	0	0
Nuclear Energy	185,614	12,688	142,443	30,313	0	146	0	24
Department of Health and Human Services	52,228	38,950	0	780	11,360	575	0	562
Agency for Healthcare Research and Quality	36,055	36,055	0	0	0	0	0	0
Centers for Disease Control and Prevention	16,173	2,895	0	780	11,360	575	0	562
Department of Homeland Security	127,479	37,664	19,302	37,619	14,916	17,904	0	74
Coast Guard	548	531	0	17	0	0	0	0
Countering Weapons of Mass Destruction Office	6,790	27	180	6,583	0	0	0	0
Science and Technology Directorate	106,000	35,197	15,722	22,187	14,916	17,904	0	74
Secret Service	3,434	1,100	1,000	1,334	0	0	0	0
Transportation Security Administration	10,707	809	2,400	7,499	0	0	0	0
Department of the Interior	42,008	30,506	81	4,052	6,079	1,028	263	0
Bureau of Land Management	2,361	1,016	81	0	848	417	0	0
Bureau of Reclamation	5,068	682	0	1,641	1,966	580	200	0
Bureau of Safety and Environmental Enforcement	2,230	0	0	2,230	0	0	0	0
Geological Survey	32,349	28,808	0	181	3,265	31	63	0
Department of Justice	33,368	2,038	0	20,724	1,475	4,631	4,500	0
Bureau of Prisons	6,083	1,583	0	0	0	0	4,500	0
Federal Bureau of Investigation	20,849	0	0	19,724	1,124	0	0	0
Office of Justice Programs	6,437	455	0	1,000	351	4,631	0	0

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Department of Transportation	347,629	31,993	63,856	94,955	19,326	1,674	135,825	0
Federal Aviation Administration	196,737	23,519	63,707	91,355	18,001	154	0	0
Federal Highway Administration	39,518	4,694	0	0	0	0	34,823	0
Federal Motor Carrier Safety Administration	2,928	2,779	149	0	0	0	0	0
Federal Railroad Administration	6,600	1,000	0	3,600	0	1,000	1,000	0
Federal Transit Administration	1,846	0	0	0	1,324	520	2	0
Office of the Secretary of Transportation	100,000	0	0	0	0	0	100,000	0
Department of the Treasury	64,412	3,100	7,900	39,312	0	0	0	14,100
Bureau of Engraving and Printing	64,412	3,100	7,900	39,312	0	0	0	14,100
Department of Veterans Affairs	36,000	36,000	0	0	0	0	0	0
Other agencies								
Environmental Protection Agency	119,873	69,078	0	50,794	0	0	0	0
National Aeronautics and Space Administration	4,798,195	540,126	935,716	2,765,990	536,800	8,731	2,235	8,598
Tennessee Valley Authority	64,000	0	0	58,880	0	5,120	0	0

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

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, and actual federal performance.^b Higher education includes both public and private institutions as well as University Affiliated Research Centers.**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. For additional notes associated with the agencies listed in this table, see technical table A-2 at <https://nces.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.