

**Table 36. Federal obligations for experimental development, by agency and performer: FY 2024**

(Dollars in thousands)

Agency	Total	Intramural		Extramural				
				United States and U.S. territories				Non-U.S. performers
		Federal agencies <sup>a</sup>	FFRDCs	Businesses	Higher education <sup>b</sup>	Nonprofit organizations	State and local governments	
All agencies	94,686,812	26,585,470	4,560,815	56,913,638	3,903,460	1,963,120	155,840	604,468
Departments								
Department of Agriculture	294,633	227,964	0	1,776	47,650	3,777	12,550	916
Agricultural Marketing Service	14,628	0	0	0	4,134	250	10,244	0
Agricultural Research Service	178,745	150,222	0	0	25,285	2,300	22	916
Animal and Plant Health Inspection Service	42,849	19,878	0	1,776	18,112	898	2,185	0
Forest Service	54,356	54,356	0	0	0	0	0	0
National Agricultural Statistics Service	3,750	3,509	0	0	18	224	0	0
Natural Resources Conservation Service	305	0	0	0	100	105	100	0
Department of Commerce	730,562	577,558	1	27,666	123,123	2,050	156	7
Census Bureau	165,119	164,812	0	0	0	307	0	0
National Institute of Standards and Technology	341,127	307,121	0	18,822	14,765	419	0	0
National Oceanic and Atmospheric Administration	202,586	105,625	1	107	95,366	1,324	156	7
National Telecommunications and Information Administration	21,729	0	0	8,737	12,992	0	0	0
Department of Defense, total experimental development	84,669,431	24,738,757	2,320,553	52,427,302	2,765,709	1,831,629	12,608	572,873
Defense Advanced Research Projects Agency	2,367,121	186,231	42,425	1,853,400	233,945	42,902	0	8,218
Defense Health Agency	2,614,986	278,686	9,703	584,178	845,516	813,845	0	83,058
Department of the Air Force	25,179,189	5,342,230	655,515	18,468,111	423,636	211,890	7,102	70,706
Air Force	15,752,281	4,673,158	248,031	10,320,454	342,085	168,053	501	0
Space Force	9,426,908	669,072	407,484	8,147,657	81,552	43,836	6,601	70,706
Department of the Army	13,457,852	2,128,284	34,152	11,061,499	148,634	84,758	0	524
Department of the Navy	21,942,693	9,587,164	342,946	11,362,949	530,547	91,084	53	27,949
Other defense agencies	19,107,590	7,216,161	1,235,812	9,097,165	583,430	587,151	5,453	382,418
Department of Defense, advanced technology	13,657,764	2,677,302	273,504	7,443,526	1,733,546	1,374,610	2,453	152,824
Defense Advanced Research Projects Agency	2,116,120	90,664	42,425	1,698,212	233,931	42,671	0	8,218
Defense Health Agency	2,194,973	153,584	5,038	353,521	832,084	780,147	0	70,599
Department of the Air Force	1,703,564	441,054	17,974	1,012,770	160,220	71,039	501	6
Air Force	1,281,507	417,672	0	649,535	151,901	61,897	501	0
Space Force	422,057	23,382	17,974	363,235	8,319	9,142	0	6
Department of the Army	2,217,611	159,205	6,613	1,948,785	100,456	2,027	0	524
Department of the Navy	1,329,137	394,337	37,776	698,812	149,633	48,248	1	331
Other defense agencies	4,096,359	1,438,458	163,679	1,731,425	257,222	430,478	1,951	73,146
Department of Defense, major systems	71,011,667	22,061,454	2,047,049	44,983,776	1,032,163	457,019	10,155	420,050
Defense Advanced Research Projects Agency	251,001	95,567	0	155,188	15	231	0	1

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Defense Health Agency	420,013	125,102	4,665	230,657	13,432	33,698	0	12,459
Department of the Air Force	23,475,625	4,901,176	637,541	17,455,341	263,416	140,851	6,601	70,700
Air Force	14,470,774	4,255,486	248,031	9,670,918	190,183	106,156	0	0
Space Force	9,004,851	645,690	389,510	7,784,422	73,233	34,695	6,601	70,700
Department of the Army	11,240,241	1,969,079	27,539	9,112,714	48,178	82,731	0	0
Department of the Navy	20,613,555	9,192,827	305,171	10,664,137	380,915	42,836	52	27,618
Other defense agencies	15,011,231	5,777,703	1,072,133	7,365,740	326,208	156,673	3,502	309,272
Department of Education	105,265	0	0	8,451	53,447	28,714	14,654	0
Department of Energy	3,058,144	188,794	1,201,514	1,359,376	282,577	13,291	11,997	594
Advanced Research Projects Agency—Energy	248,211	541	25,563	123,474	87,130	11,502	0	0
Electricity Delivery and Energy Reliability	81,080	478	68,577	9,180	921	1,673	251	0
Energy Efficiency and Renewable Energy	977,335	6,536	551,724	229,301	178,028	0	11,746	0
Environmental Management	21,917	33	15,579	3,886	2,419	0	0	0
National Nuclear Security Administration	1,518,334	167,421	427,037	923,452	423	0	0	0
Defense Programs	597,035	104,978	323,488	168,569	0	0	0	0
Naval Nuclear Propulsion Program	807,370	61,540	0	745,830	0	0	0	0
Office of Defense Nuclear Nonproliferation	113,928	903	103,549	9,053	423	0	0	0
Nuclear Energy	211,268	13,784	113,035	70,083	13,656	116	*	594
Department of Health and Human Services	56,287	41,450	0	2,187	11,513	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	20,232	5,395	0	2,187	11,513	575	0	562
Department of Homeland Security	299,118	89,500	42,317	80,179	39,434	45,342	0	2,347
Coast Guard	443	423	0	14	0	0	0	6
Countering Weapons of Mass Destruction Office	14,517	361	1,375	8,792	1,837	0	0	2,153
Science and Technology Directorate	267,179	88,716	39,629	55,922	37,597	45,128	0	187
Secret Service	3,560	0	80	3,480	0	0	0	0
Transportation Security Administration	13,419	0	1,234	11,971	0	214	0	0
Department of the Interior	37,302	29,636	2	1,660	5,455	156	393	0
Bureau of Land Management	327	106	2	0	82	124	13	0
Bureau of Reclamation	4,068	555	0	1,100	2,096	0	317	0
Bureau of Safety and Environmental Enforcement	442	63	0	379	0	0	0	0
Geological Survey	32,466	28,912	0	182	3,277	32	63	0
Department of Justice	28,772	2,002	0	15,350	1,471	4,586	5,362	0
Bureau of Prisons	6,914	1,552	0	0	0	0	5,362	0
Federal Bureau of Investigation	16,475	0	0	15,350	1,124	0	0	0

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Office of Justice Programs	5,383	450	0	0	347	4,586	0	0
Department of State	11,463	11,463	0	0	0	0	0	0
Department of Transportation	310,142	33,478	65,107	90,006	24,282	765	95,910	593
Federal Aviation Administration	191,007	22,834	63,707	86,838	17,477	150	0	0
Federal Highway Administration	42,148	4,694	0	0	0	0	37,454	0
Federal Motor Carrier Safety Administration	4,775	2,461	1,400	914	0	0	0	0
Federal Railroad Administration	6,319	2	0	2,253	3,142	229	100	593
Federal Transit Administration	13,176	3,487	0	0	3,663	386	5,640	0
Office of the Secretary of Transportation	52,716	0	0	0	0	0	52,716	0
Department of the Treasury	35,027	2,250	6,300	14,300	0	0	0	12,177
Bureau of Engraving and Printing	35,027	2,250	6,300	14,300	0	0	0	12,177
Department of Veterans Affairs	35,791	35,791	0	0	0	0	0	0
Other agencies								
Agency for International Development	52,106	5,437	0	6,950	18,135	15,685	0	5,900
Environmental Protection Agency	120,420	67,438	0	52,982	0	0	0	0
National Aeronautics and Space Administration	4,743,349	533,952	925,021	2,734,373	530,664	8,631	2,210	8,500
Tennessee Valley Authority	99,000	0	0	91,080	0	7,920	0	0

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

FFRDC = federally funded research and development center.

<sup>a</sup> 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.<sup>b</sup> 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://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.