

TABLE 37

**Preliminary federal obligations for experimental development, by agency and performer: FY 2024**

(Dollars in thousands)

Agency	Total	Intramural		Extramural				
		Federal agencies <sup>a</sup>	FFRDCs	United States and U.S. territories				Non-U.S. performers
				Businesses	Higher education <sup>b</sup>	Nonprofit organizations	State and local governments	
All agencies	97,036,644	24,676,250	4,504,277	61,379,781	3,265,326	2,338,536	55,784	816,690
Departments								
Department of Agriculture	272,838	237,068	0	0	29,560	2,199	3,183	828
Agricultural Marketing Service	6,970	3,064	0	0	499	100	3,175	132
Agricultural Research Service	187,700	166,910	0	0	18,229	1,858	8	696
Animal and Plant Health Inspection Service	21,500	10,818	0	0	10,682	0	0	0
Forest Service	51,679	51,679	0	0	0	0	0	0
National Agricultural Statistics Service	4,989	4,596	0	0	151	242	0	0
Department of Commerce	6,804,862	344,030	19,043	6,324,517	111,998	3,886	1,379	9
Census Bureau	137,071	137,071	0	0	0	0	0	0
National Institute of Standards and Technology	6,436,868	110,129	17,034	6,295,414	14,291	0	0	0
National Oceanic and Atmospheric Administration	209,969	96,829	2,009	23,112	84,710	1,921	1,379	9
National Telecommunications and Information Administration	20,954	0	0	5,992	12,997	1,964	0	0
Department of Defense, total experimental development	81,166,918	23,184,572	1,944,791	50,461,252	2,561,633	2,214,736	17,356	782,579
Defense Advanced Research Projects Agency	2,578,341	182,608	92,114	2,136,725	128,967	33,874	0	4,052
Defense Health Agency	2,575,524	323,620	1,591	495,705	878,126	825,053	0	51,429
Department of the Air Force	13,932,885	3,673,215	246,512	9,285,749	262,227	120,237	3,457	341,489
Department of the Army	13,539,565	3,303,995	120,669	9,116,782	255,367	736,433	8	6,311
Department of the Navy	21,505,151	8,299,220	316,028	12,171,927	490,013	172,652	1,392	53,919
Space Force	9,667,382	541,083	334,693	8,637,806	50,691	25,644	6,996	70,469
Other defense agencies	17,368,071	6,860,832	833,185	8,616,558	496,242	300,843	5,503	254,909
Department of Defense, advanced technology	13,538,109	3,000,101	497,722	6,787,850	1,576,426	1,525,676	6,433	143,901
Defense Advanced Research Projects Agency	2,409,650	123,358	92,114	2,027,317	128,967	33,851	0	4,043
Defense Health Agency	2,243,625	235,874	1,591	321,235	866,686	772,810	0	45,429
Department of the Air Force	1,418,130	476,430	0	833,049	83,296	22,000	3,355	0
Department of the Army	2,334,274	428,278	18,862	1,355,022	205,584	324,423	0	2,104
Department of the Navy	1,221,030	386,198	36,089	519,565	145,096	120,772	1,078	12,232
Space Force	452,406	16,185	18,163	403,369	5,519	9,170	0	0
Other defense agencies	3,458,995	1,333,777	330,903	1,328,295	141,278	242,651	2,000	80,092
Department of Defense, major systems	67,628,810	20,184,471	1,447,069	43,673,401	985,207	689,060	10,923	638,678
Defense Advanced Research Projects Agency	168,691	59,251	0	109,408	0	23	0	9
Defense Health Agency	331,899	87,746	0	174,470	11,440	52,243	0	6,000
Department of the Air Force	12,514,756	3,196,785	246,512	8,452,700	178,932	98,237	102	341,489
Department of the Army	11,205,292	2,875,717	101,806	7,761,760	49,783	412,010	8	4,207

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Department of the Navy	20,284,121	7,913,022	279,939	11,652,363	344,916	51,880	314	41,687
Space Force	9,214,976	524,897	316,530	8,234,437	45,172	16,474	6,996	70,469
Other defense agencies	13,909,076	5,527,055	502,282	7,288,263	354,964	58,192	3,503	174,817
Department of Education	99,686	0	0	15,672	45,915	30,730	7,368	0
Department of Energy	3,028,797	138,886	1,222,285	1,314,809	296,543	45,828	10,270	176
Advanced Research Projects Agency—Energy	230,000	3,884	23,687	114,415	80,738	7,276	0	0
Electricity Delivery and Energy Reliability	88,484	2,026	63,673	10,255	6,070	6,185	274	0
Energy Efficiency and Renewable Energy	1,206,742	8,044	681,255	273,058	202,370	32,019	9,996	0
Environmental Management	25,841	0	20,931	4,651	0	258	0	0
National Nuclear Security Administration	1,261,366	108,590	299,288	853,042	446	0	0	0
Defense Programs	342,011	46,147	197,666	98,198	0	0	0	0
Naval Nuclear Propulsion Program	807,370	61,540	0	745,830	0	0	0	0
Office of Defense Nuclear Nonproliferation	111,984	903	101,622	9,014	446	0	0	0
Nuclear Energy	162,355	15,091	103,192	43,387	420	89	0	176
Office of Cybersecurity, Energy Security, and Emergency Response	54,009	1,250	30,259	16,000	6,500	0	0	0
Department of Health and Human Services	171,711	39,854	0	129,407	2,450	0	0	0
Advanced Research Projects Agency for Health	128,323	0	0	128,323	0	0	0	0
Agency for Healthcare Research and Quality	36,055	36,055	0	0	0	0	0	0
Centers for Disease Control and Prevention	7,333	3,799	0	1,084	2,450	0	0	0
Department of Homeland Security	313,831	34,525	17,800	225,600	29,000	6,306	0	600
Countering Weapons of Mass Destruction Office	27,000	0	13,000	14,000	0	0	0	0
Cybersecurity and Infrastructure Security Agency	3,306	0	0	0	0	3,306	0	0
Science and Technology Directorate	268,000	32,000	3,800	199,600	29,000	3,000	0	600
Secret Service	1,525	1,525	0	0	0	0	0	0
Transportation Security Administration	14,000	1,000	1,000	12,000	0	0	0	0
Department of the Interior	42,563	31,795	63	2,596	7,236	418	456	0
Bureau of Land Management	1,845	794	63	0	663	326	0	0
Bureau of Reclamation	4,068	770	0	1,463	1,440	0	394	0
Bureau of Safety and Environmental Enforcement	3,893	1,270	0	797	1,763	62	0	0
Geological Survey	32,757	28,961	0	335	3,370	31	61	0
Department of Justice	13,012	1,596	0	1,203	6,582	2,730	901	0
Bureau of Prisons	8	1	0	0	0	0	6	0
Office of Justice Programs	13,004	1,595	0	1,203	6,582	2,730	895	0
Department of State	11,463	11,463	0	0	0	0	0	0

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Department of Transportation	251,701	47,879	76,609	96,420	14,249	2,092	14,453	0
Federal Aviation Administration	218,522	35,870	76,056	92,956	13,223	287	129	0
Federal Highway Administration	18,076	4,309	0	0	0	0	13,767	0
Federal Motor Carrier Safety Administration	5,000	3,500	0	500	0	1,000	0	0
Federal Railroad Administration	4,066	691	53	2,464	516	295	47	0
Federal Transit Administration	2,037	509	0	0	509	509	509	0
Pipeline and Hazardous Materials Safety Administration	4,000	3,000	500	500	0	0	0	0
Department of the Treasury	57,429	1,762	6,300	28,071	0	0	0	21,297
Bureau of Engraving and Printing	57,368	1,700	6,300	28,071	0	0	0	21,297
Mint	62	62	0	0	0	0	0	0
Department of Veterans Affairs	39,090	39,090	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
Library of Congress	4,065	4,065	0	0	0	0	0	0
National Aeronautics and Space Administration	4,479,151	486,792	1,217,385	2,621,863	142,025	5,367	419	5,302
Tennessee Valley Authority	107,000	0	0	98,440	0	8,560	0	0

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. 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.