

TABLE 40

**Preliminary federal obligations for experimental development, by agency and field of R&D: FY 2023**

(Dollars in thousands)

Agency	Total	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
All agencies	86,967,076	3,071,243	814,607	5,768,626	289,090	4,324,792	493,460	209,299	54,070,111	17,925,849
Departments										
Department of Agriculture	266,254	5,011	1,436	57,308	0	1,598	0	11,905	3,194	185,800
Agricultural Research Service	185,800	0	0	0	0	0	0	0	0	185,800
Animal and Plant Health Inspection Service	22,557	0	0	22,557	0	0	0	0	0	0
Forest Service	52,885	0	1,436	34,751	0	1,598	0	11,905	3,194	0
National Agricultural Statistics Service	5,011	5,011	0	0	0	0	0	0	0	0
Department of Commerce	738,885	7,684	170,249	19,875	1,854	8,852	0	92,147	430,629	7,596
Census Bureau	90,191	3,071	0	0	1,370	0	0	85,750	0	0
National Institute of Standards and Technology	448,195	4,174	5,009	3,131	271	6,011	0	0	429,599	0
National Oceanic and Atmospheric Administration	200,499	438	165,240	16,745	213	2,841	0	6,397	1,030	7,596
Department of Defense	76,931,574	2,927,196	366,588	5,403,663	281,880	2,084,745	493,460	87,590	49,000,525	16,285,926
Defense Advanced Research Projects Agency	1,996,211	154,188	1,982	144	0	217,182	0	0	805,705	817,010
Defense Health Agency	2,383,440	39,404	0	2,322,322	0	946	13,539	0	4,583	2,648
Department of the Air Force	12,855,854	185,525	998	3,067	224	135,485	0	0	9,145,695	3,384,860
Department of the Army	13,122,276	1,705,314	123,931	2,613,284	277,046	1,001,252	469,632	62,877	1,044,561	5,824,378
Department of the Navy	19,726,988	197,888	147,597	22,108	2,835	243,467	8,470	11,753	18,976,323	116,547
Space Force	8,470,000	0	0	0	0	91,716	0	0	4,887,908	3,490,376
Other defense agencies	18,376,805	644,877	92,080	442,738	1,775	394,698	1,819	12,961	14,135,750	2,650,107
Department of Education	90,367	0	0	0	0	0	0	0	0	90,367
Department of Energy	2,796,899	40,471	34,252	12,476	4,385	106,253	0	0	2,539,524	59,537
Advanced Research Projects Agency—Energy	235,000	7,141	959	12,476	0	27,478	0	0	186,945	0
Electricity Delivery and Energy Reliability	80,910	0	0	0	0	0	0	0	80,910	0
Energy Efficiency and Renewable Energy	1,037,514	0	0	0	0	0	0	0	1,037,514	0
Environmental Management	28,810	0	28,810	0	0	0	0	0	0	0
National Nuclear Security Administration	1,193,331	16,071	4,483	0	4,385	78,775	0	0	1,030,082	59,537
Defense Programs	384,164	0	0	0	0	0	0	0	384,164	0

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Naval Nuclear Propulsion Program	700,073	0	0	0	0	0	0	0	641,548	58,525
Office of Defense Nuclear Nonproliferation	109,095	16,071	4,483	0	4,385	78,775	0	0	4,370	1,012
Nuclear Energy	204,073	0	0	0	0	0	0	0	204,073	0
Office of Cybersecurity, Energy Security, and Emergency Response	17,260	17,260	0	0	0	0	0	0	0	0
Department of Health and Human Services	55,624	36,055	0	12,971	0	0	0	0	2,053	4,545
Agency for Healthcare Research and Quality	36,055	36,055	0	0	0	0	0	0	0	0
Centers for Disease Control and Prevention	15,023	0	0	12,971	0	0	0	0	2,053	0
Health Resources and Services Administration	4,545	0	0	0	0	0	0	0	0	4,545
Department of Homeland Security	305,157	50,714	11,301	32,000	0	27,611	0	0	106,531	77,000
Coast Guard	5,233	1,176	301	0	0	0	0	0	3,756	0
Countering Weapons of Mass Destruction Office	25,611	3,000	0	17,000	0	5,611	0	0	0	0
Cybersecurity and Infrastructure Security Agency	4,538	4,538	0	0	0	0	0	0	0	0
Science and Technology Directorate	266,000	42,000	11,000	15,000	0	22,000	0	0	99,000	77,000
Secret Service	3,775	0	0	0	0	0	0	0	3,775	0
Transportation Security Administration	*	*	0	0	0	0	0	0	0	0
Department of the Interior	166,131	195	134,982	3,038	0	1,347	0	8,999	17,571	0
Bureau of Land Management	255	0	0	255	0	0	0	0	0	0
Bureau of Ocean Energy Management	16,626	0	7,482	0	0	831	0	8,313	0	0
Bureau of Reclamation	16,053	0	0	0	0	0	0	0	16,053	0
Bureau of Safety and Environmental Enforcement	2,250	195	22	0	0	515	0	0	1,518	0
Geological Survey	129,815	0	127,478	2,337	0	0	0	0	0	0
National Park Service	1,132	0	0	446	0	0	0	686	0	0
Department of Justice	14,508	2,169	0	0	0	4,419	0	7,920	0	0
Bureau of Prisons	3	0	0	0	0	0	0	3	0	0
Office of Justice Programs	14,505	2,169	0	0	0	4,419	0	7,917	0	0

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Agency	Total	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Engineering	Other fields
Department of State	20,000	0	0	20,000	0	0	0	0	0	0
Department of Transportation	265,915	0	0	0	0	3,000	0	0	32,614	230,302
Federal Aviation Administration	230,302	0	0	0	0	0	0	0	0	230,302
Federal Highway Administration	26,725	0	0	0	0	0	0	0	26,725	0
Federal Motor Carrier Safety Administration	3,000	0	0	0	0	3,000	0	0	0	0
Federal Railroad Administration	4,888	0	0	0	0	0	0	0	4,888	0
Federal Transit Administration	1,000	0	0	0	0	0	0	0	1,000	0
Department of the Treasury	24,132	0	0	0	0	24,132	0	0	0	0
Bureau of Engraving and Printing	24,132	0	0	0	0	24,132	0	0	0	0
Department of Veterans Affairs	92,865	0	0	92,865	0	0	0	0	0	0
Other agencies										
Agency for International Development	67,761	0	0	64,011	0	0	0	0	0	3,750
Environmental Protection Agency	127,623	1,748	52,601	50,419	971	3,047	0	737	18,100	0
Library of Congress	2,669	0	0	0	0	2,669	0	0	0	0
National Aeronautics and Space Administration	4,919,309	0	43,198	0	0	2,057,119	0	0	1,837,967	981,025
Tennessee Valley Authority	81,403	0	0	0	0	0	0	0	81,403	0

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

**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 2022–23.