

TABLE 39

Federal obligations for experimental development, by agency and field of R&D: FY 2022

(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	96,614,768	2,441,587	724,394	30,408,047	225,671	3,415,031	383,043	149,433	44,427,376	14,440,187
Departments										
Department of Agriculture	275,287	4,944	1,390	55,055	0	1,546	0	11,517	3,090	197,745
Agricultural Research Service	165,057	0	0	0	0	0	0	0	0	165,057
Animal and Plant Health Inspection Service	21,194	0	0	21,194	0	0	0	0	0	0
Forest Service	83,850	0	1,390	33,619	0	1,546	0	11,517	3,090	32,688
National Agricultural Statistics Service	4,944	4,944	0	0	0	0	0	0	0	0
Natural Resources Conservation Service	241	0	0	241	0	0	0	0	0	0
Department of Commerce	321,077	1,254	153,440	15,995	1,780	6,016	0	56,313	79,479	6,799
Census Bureau	51,488	780	0	0	1,283	0	0	49,424	0	0
National Institute of Standards and Technology	82,083	*	0	0	260	3,410	0	0	78,413	0
National Oceanic and Atmospheric Administration	187,505	474	153,440	15,995	237	2,606	0	6,889	1,066	6,799
Department of Defense	62,185,981	2,319,798	264,545	4,264,468	219,884	1,598,629	383,043	68,364	39,853,083	13,214,168
Defense Advanced Research Projects Agency	1,810,599	139,852	1,797	130	0	196,988	0	0	730,789	741,043
Defense Health Agency	1,990,983	66,770	0	1,910,470	0	0	8,787	0	0	4,956
Department of the Air Force	10,972,525	113,671	279	2,949	215	76,806	0	0	8,023,260	2,755,346
Department of the Army	10,255,864	1,332,808	96,860	2,042,442	216,529	782,540	367,046	49,142	816,389	4,552,109
Department of the Navy	15,749,004	173,995	112,010	15,336	1,233	178,177	6,183	12,633	15,164,359	85,077
Space Force	4,775,577	2,651	0	0	0	13,544	0	0	1,922,611	2,836,771
Other defense agencies	16,631,430	490,051	53,598	293,141	1,907	350,574	1,027	6,589	13,195,676	2,238,868
Department of Education	102,437	0	0	0	0	0	0	0	0	102,437
Department of Energy	2,588,711	36,078	30,620	10,819	3,101	98,478	0	0	2,352,986	56,629
Advanced Research Projects Agency—Energy	201,482	6,122	823	10,697	0	23,559	0	0	160,281	0
Electricity Delivery and Energy Reliability	52,512	0	0	0	0	0	0	0	52,512	0
Energy Efficiency and Renewable Energy	931,357	0	0	0	0	0	0	0	931,357	0
Environmental Management	23,973	0	23,973	0	0	0	0	0	0	0
National Nuclear Security Administration	1,217,262	14,584	5,824	123	3,101	74,920	0	0	1,062,081	56,629

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Defense Programs	500,653	0	0	0	0	948	0	0	499,705	0
Naval Nuclear Propulsion Program	616,255	0	0	0	0	0	0	0	560,676	55,579
Office of Defense Nuclear Nonproliferation	100,354	14,584	5,824	123	3,101	73,972	0	0	1,700	1,050
Nuclear Energy	146,754	0	0	0	0	0	0	0	146,754	0
Office of Cybersecurity, Energy Security, and Emergency Response	15,372	15,372	0	0	0	0	0	0	0	0
Department of Health and Human Services	25,825,478	36,123	0	25,781,441	0	0	0	0	2,303	5,610
Agency for Healthcare Research and Quality	36,055	36,055	0	0	0	0	0	0	0	0
Biomedical Advanced Research and Development Authority	25,768,810	0	0	25,768,810	0	0	0	0	0	0
Centers for Disease Control and Prevention	15,002	68	0	12,631	0	0	0	0	2,303	0
Health Resources and Services Administration	5,610	0	0	0	0	0	0	0	0	5,610
Department of Homeland Security	242,709	39,446	4,518	9,258	0	29,040	0	0	96,322	64,124
Coast Guard	5,233	1,176	301	0	0	0	0	0	3,756	0
Countering Weapons of Mass Destruction Office	30,831	7,000	0	5,000	0	18,831	0	0	0	0
Cybersecurity and Infrastructure Security Agency	2,176	2,176	0	0	0	0	0	0	0	0
Science and Technology Directorate	203,776	29,093	4,217	4,258	0	10,209	0	0	91,874	64,124
Secret Service	692	0	0	0	0	0	0	0	692	0
Transportation Security Administration	*	*	0	0	0	0	0	0	0	0
Department of the Interior	154,714	235	81,208	49,417	0	1,595	0	10,406	11,853	0
Bureau of Land Management	1,466	0	0	1,466	0	0	0	0	0	0
Bureau of Ocean Energy Management	19,440	0	8,748	0	0	972	0	9,720	0	0
Bureau of Reclamation	10,018	0	0	0	0	0	0	0	10,018	0
Bureau of Safety and Environmental Enforcement	2,720	235	27	0	0	623	0	0	1,835	0
Geological Survey	119,938	0	72,433	47,505	0	0	0	0	0	0

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National Park Service	1,132	0	0	446	0	0	0	686	0	0
Department of Justice	8,240	2,077	0	0	0	4,017	0	2,145	0	0
Bureau of Prisons	3	0	0	0	0	0	0	3	0	0
Office of Justice Programs	8,236	2,077	0	0	0	4,017	0	2,142	0	0
Department of State	20,000	0	0	20,000	0	0	0	0	0	0
Department of Transportation	264,985	0	0	0	0	2,618	0	0	45,823	216,544
Federal Aviation Administration	216,544	0	0	0	0	0	0	0	0	216,544
Federal Highway Administration	40,640	0	0	0	0	0	0	0	40,640	0
Federal Motor Carrier Safety Administration	2,618	0	0	0	0	2,618	0	0	0	0
Federal Railroad Administration	3,991	0	0	0	0	0	0	0	3,991	0
Federal Transit Administration	1,192	0	0	0	0	0	0	0	1,192	0
Department of the Treasury	10,399	0	0	0	0	10,399	0	0	0	0
Bureau of Engraving and Printing	10,399	0	0	0	0	10,399	0	0	0	0
Department of Veterans Affairs	90,535	0	0	90,535	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	119,086	1,631	49,082	47,046	906	2,843	0	688	16,889	0
Library of Congress	2,543	0	0	0	0	2,543	0	0	0	0
National Aeronautics and Space Administration	4,318,325	0	139,593	0	0	1,657,306	0	0	1,949,045	572,381
Tennessee Valley Authority	16,502	0	0	0	0	0	0	0	16,502	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. FY 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act). 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.