

TABLE 40

Preliminary 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	100,594,656	3,665,177	823,525	31,701,993	269,168	3,608,794	401,193	133,015	48,022,467	11,969,324
Departments										
Department of Agriculture	248,877	6,225	1,458	65,103	0	1,523	0	11,471	3,198	159,900
Agricultural Marketing Service	7,484	0	0	7,484	0	0	0	0	0	0
Agricultural Research Service	159,900	0	0	0	0	0	0	0	0	159,900
Animal and Plant Health Inspection Service	21,217	0	0	21,217	0	0	0	0	0	0
Forest Service	55,136	1,085	1,458	36,402	0	1,523	0	11,471	3,198	0
National Agricultural Statistics Service	5,140	5,140	0	0	0	0	0	0	0	0
Department of Commerce	282,525	4,515	135,891	75,677	593	7,276	0	40,186	11,720	6,667
Census Bureau	38,560	3,895	0	0	*	0	0	34,640	0	0
National Institute of Standards and Technology	73,711	*	0	59,608	259	3,253	0	0	10,590	0
National Oceanic and Atmospheric Administration	170,254	619	135,891	16,068	309	4,023	0	5,546	1,130	6,667
Department of Defense	65,095,967	3,505,010	269,246	4,821,855	267,031	1,799,394	401,161	76,481	43,907,285	10,048,505
Defense Advanced Research Projects Agency	1,812,259	120,229	6,489	0	0	137,645	0	0	1,087,206	460,690
Defense Health Agency	2,362,905	0	0	2,351,387	0	0	7,583	0	1,445	2,490
Department of the Air Force	10,823,005	414,320	1,263	16,842	0	166,068	0	0	7,129,073	3,095,439
Department of the Army	10,844,886	2,272,631	102,423	2,159,745	228,965	827,483	388,127	51,964	0	4,813,549
Department of the Navy	16,587,032	175,470	128,499	3,064	3,061	190,273	5,451	11,571	15,891,276	178,366
Space Force	4,517,004	0	0	0	32,586	75,480	0	0	4,366,047	42,890
Other defense agencies	18,148,876	522,360	30,572	290,818	2,418	402,445	0	12,945	15,432,237	1,455,081
Department of Education	113,341	0	0	0	0	0	0	0	0	113,341
Department of Energy	3,441,231	58,856	7,982	37,494	639	74,796	0	0	3,236,965	24,500
Advanced Research Projects Agency—Energy	225,000	21,888	2,262	37,489	0	0	0	0	163,362	0
Electricity Delivery and Energy Reliability	59,302	0	0	0	0	0	0	0	59,302	0
Energy Efficiency and Renewable Energy	1,384,153	0	0	0	0	0	0	0	1,384,153	0
Environmental Management	23,450	0	0	0	0	0	0	0	0	23,450
National Nuclear Security Administration	1,579,646	15,919	5,720	*	639	74,796	0	0	1,481,518	1,050
Defense Programs	234,685	0	0	0	0	977	0	0	233,708	0

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Naval Nuclear Propulsion Program	1,246,109	0	0	0	0	0	0	0	1,246,109	0
Office of Defense Nuclear Nonproliferation	98,852	15,919	5,720	*	639	73,819	0	0	1,700	1,050
Nuclear Energy	148,631	0	0	0	0	0	0	0	148,631	0
Office of Cybersecurity, Energy Security, and Emergency Response	21,049	21,049	0	0	0	0	0	0	0	0
Department of Health and Human Services	26,482,399	36,120	0	26,443,863	0	0	0	0	2,416	0
Agency for Healthcare Research and Quality	36,055	36,055	0	0	0	0	0	0	0	0
Biomedical Advanced Research and Development Authority	26,433,481	0	0	26,433,481	0	0	0	0	0	0
Centers for Disease Control and Prevention	12,863	65	0	10,383	0	0	0	0	2,416	0
Department of Homeland Security	285,068	52,312	10,339	209	0	25,365	0	0	111,051	85,792
Coast Guard	5,233	1,518	0	209	0	0	0	0	3,506	0
Countering Weapons of Mass Destruction Office	7,985	3,092	0	0	0	4,892	0	0	0	0
Cybersecurity and Infrastructure Security Agency	7,780	7,780	0	0	0	0	0	0	0	0
Science and Technology Directorate	229,000	39,922	10,339	0	0	20,472	0	0	105,475	52,792
Secret Service	2,070	0	0	0	0	0	0	0	2,070	0
Transportation Security Administration	33,000	0	0	0	0	0	0	0	0	33,000
Department of the Interior	173,653	0	148,416	4,301	0	0	0	686	20,250	0
Bureau of Land Management	1,466	0	0	1,466	0	0	0	0	0	0
Bureau of Ocean Energy Management	15,724	0	15,724	0	0	0	0	0	0	0
Bureau of Reclamation	20,000	0	0	0	0	0	0	0	20,000	0
Bureau of Safety and Environmental Enforcement	250	0	0	0	0	0	0	0	250	0
Geological Survey	135,081	0	132,692	2,389	0	0	0	0	0	0
National Park Service	1,132	0	0	446	0	0	0	686	0	0
Department of Justice	5,865	509	0	0	0	1,852	0	3,504	0	0
Bureau of Prisons	*	0	0	0	0	0	0	*	0	0

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Office of Justice Programs	5,857	509	0	0	0	1,852	0	3,496	0	0
Department of State	20,000	0	0	20,000	0	0	0	0	0	0
Department of Transportation	284,043	0	*	0	0	1,000	*	0	38,401	244,578
Federal Aviation Administration	244,578	0	0	0	0	0	0	0	0	244,578
Federal Highway Administration	29,775	0	0	0	0	0	0	0	29,775	0
Federal Motor Carrier Safety Administration	1,000	0	0	0	0	1,000	0	0	0	0
Federal Railroad Administration	8,690	0	*	0	0	0	*	0	8,626	0
Department of the Treasury	15,045	0	0	0	0	14,392	0	0	653	0
Bureau of Engraving and Printing	14,392	0	0	0	0	14,392	0	0	0	0
Mint	653	0	0	0	0	0	0	0	653	0
Department of Veterans Affairs	158,358	0	0	158,358	0	0	0	0	0	0
Other agencies										
Agency for International Development	30,487	0	0	28,087	0	0	0	0	0	2,400
Environmental Protection Agency	119,086	1,631	49,082	47,046	906	2,843	0	688	16,889	0
Library of Congress	2,406	0	0	0	0	2,406	0	0	0	0
National Aeronautics and Space Administration	3,805,240	0	201,079	0	0	1,677,947	0	0	642,573	1,283,641
Nuclear Regulatory Commission	3,516	0	0	0	0	0	0	0	3,516	0
Tennessee Valley Authority	27,549	0	0	0	0	0	0	0	27,549	0

* = amount greater than \$0 but less than \$50,000.

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. As of volume 71 (FYs 2021–22), the fields of R&D (formerly, "fields of science and engineering") were revised for consistency with other National Center for Science and Engineering Statistics surveys; some fields were added, merged, or split, and some fields were renamed. Therefore, the data are not directly comparable with totals reported in previous years. See technical table A-3 for additional notes associated with the taxonomy changes to the fields listed in this table.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2021–22.