

TABLE 29

Federal obligations for basic research, 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	45,392,702	2,297,975	3,441,026	19,051,906	608,303	9,449,069	2,287,935	765,995	3,738,817	3,751,677
Departments										
Department of Agriculture	1,417,114	7,031	11,619	1,198,472	3,343	73,097	311	33,980	54,998	34,263
Agricultural Research Service	825,287	1,073	3,631	758,191	0	52,983	0	1,981	7,428	0
Animal and Plant Health Inspection Service	23,598	0	0	23,598	0	0	0	0	0	0
Forest Service	85,255	0	2,687	65,152	0	3,610	0	9,701	4,104	0
National Institute of Food and Agriculture	468,236	5,958	5,300	336,793	3,343	16,503	311	22,299	43,466	34,263
Natural Resources Conservation Service	14,738	0	0	14,738	0	0	0	0	0	0
Department of Commerce	273,297	11,617	1,000	14,202	4,034	199,003	0	0	43,442	0
National Institute of Standards and Technology	273,297	11,617	1,000	14,202	4,034	199,003	0	0	43,442	0
Department of Defense	3,149,547	471,897	171,672	299,038	70,378	194,370	38,702	26,950	1,034,268	842,272
Defense Advanced Research Projects Agency	440,129	254,990	15,976	105,736	5,188	11,273	4,887	0	34,674	7,406
Defense Health Agency	10,713	0	0	10,713	0	0	0	0	0	0
Department of the Air Force	969,884	29,162	0	9,326	6,142	44,200	401	2,452	457,642	420,558
Department of the Army	513,592	66,744	4,851	102,281	10,843	39,188	18,381	2,461	40,883	227,960
Department of the Navy	661,985	47,081	134,285	42,994	11,250	60,246	8,489	6,248	204,400	146,993
Space Force	70,945	0	0	0	0	0	0	0	70,945	0
Other defense agencies	482,300	73,920	16,561	27,988	36,954	39,463	6,544	15,789	225,725	39,355
Department of Education	31,589	0	0	0	0	0	0	0	0	31,589
Department of Energy	6,107,867	1,012,161	272,035	527,670	53,106	3,741,232	0	0	40,103	461,560
Electricity Delivery and Energy Reliability	7,920	0	0	0	0	0	0	0	7,920	0
National Nuclear Security Administration	121,426	1,537	2,445	983	4,862	105,108	0	0	491	6,000
Office of Defense Nuclear Nonproliferation	121,426	1,537	2,445	983	4,862	105,108	0	0	491	6,000
Office of Cybersecurity, Energy Security, and Emergency Response	5,126	5,126	0	0	0	0	0	0	0	0
Office of Science	5,973,395	1,005,499	269,590	526,687	48,244	3,636,124	0	0	31,691	455,560
Department of Health and Human Services	22,410,508	2,403	300,648	15,404,442	210,184	534,395	2,214,757	472,698	1,701,044	1,569,937

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Centers for Disease Control and Prevention	89,675	2,403	0	58,077	87	1,646	408	84	11,620	15,349
Centers for Medicare and Medicaid Services	419,105	0	0	419,105	0	0	0	0	0	0
Health Resources and Services Administration	2,455	0	0	2,455	0	0	0	0	0	0
National Institutes of Health	21,899,274	0	300,648	14,924,805	210,097	532,749	2,214,349	472,614	1,689,424	1,554,588
Department of Homeland Security	69,204	17,003	10,007	2,118	0	5,358	0	0	25,707	9,010
Countering Weapons of Mass Destruction Office	8,720	1,919	0	1,500	0	5,301	0	0	0	0
Science and Technology Directorate	60,235	14,834	10,007	618	0	58	0	0	25,707	9,010
Secret Service	250	250	0	0	0	0	0	0	0	0
Department of the Interior	93,945	0	58,354	34,386	0	748	0	0	458	0
Bureau of Land Management	2,004	0	0	2,004	0	0	0	0	0	0
Bureau of Safety and Environmental Enforcement	1,286	0	81	0	0	748	0	0	458	0
Geological Survey	90,655	0	58,273	32,382	0	0	0	0	0	0
Department of Justice	16,931	0	0	0	0	500	1,000	15,431	0	0
Office of Justice Programs	16,931	0	0	0	0	500	1,000	15,431	0	0
Department of State	7,000	0	0	0	0	0	0	7,000	0	0
Department of Transportation	2,117	21	0	0	0	445	0	265	840	546
Office of the Secretary of Transportation	21	21	0	0	0	0	0	0	0	0
Pipeline and Hazardous Materials Safety Administration	2,096	0	0	0	0	445	0	265	840	546
Department of Veterans Affairs	665,094	0	0	665,094	0	0	0	0	0	0
Other agencies										
National Aeronautics and Space Administration	5,057,913	0	1,574,702	45,611	0	3,350,331	0	0	73,525	13,744
National Science Foundation	5,863,175	775,841	1,016,339	786,642	267,259	1,307,231	33,164	184,250	716,932	775,516
Smithsonian Institution	227,400	0	24,650	74,230	0	42,360	0	25,420	47,500	13,240

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.