

TABLE 35

Preliminary federal obligations for applied 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	44,673,778	3,493,397	2,483,997	19,323,075	196,748	2,374,856	1,846,335	907,402	10,629,283	3,418,685
Departments										
Department of Agriculture	1,558,776	17,197	24,313	1,093,818	8,614	55,909	14,129	187,506	57,585	99,707
Agricultural Marketing Service	7,484	0	0	7,484	0	0	0	0	0	0
Agricultural Research Service	639,600	831	0	590,415	0	41,062	0	1,535	5,756	0
Economic Research Service	90,389	0	0	0	0	0	0	90,389	0	0
Forest Service	194,781	0	2,200	153,764	0	2,639	0	30,887	5,291	0
National Agricultural Statistics Service	6,327	6,327	0	0	0	0	0	0	0	0
National Institute of Food and Agriculture	619,681	10,039	21,813	341,940	8,614	12,208	14,129	64,695	46,538	99,707
Natural Resources Conservation Service	514	0	300	214	0	0	0	0	0	0
Department of Commerce	1,473,125	189,765	666,405	91,039	10,664	88,569	*	100,956	285,073	40,615
Census Bureau	110,367	16,146	0	0	7,139	0	0	87,081	0	0
National Institute of Standards and Technology	530,008	169,050	6,774	26,853	1,240	58,879	*	399	266,532	240
National Oceanic and Atmospheric Administration	825,550	4,568	659,630	64,186	2,284	29,690	0	13,476	11,341	40,375
National Telecommunications and Information Administration	7,200	0	0	0	0	0	0	0	7,200	0
Department of Defense	7,400,607	2,182,561	412,807	824,285	340	384,358	75,263	9,047	2,841,838	670,109
Defense Advanced Research Projects Agency	1,483,950	730,193	57,596	222,316	340	40,732	13,258	186	316,036	103,294
Defense Health Agency	158,831	0	0	157,161	0	0	67	0	0	1,602
Department of the Air Force	1,697,363	164,527	0	73,241	0	205,030	0	0	1,209,288	45,277
Department of the Army	1,502,296	851,666	9,269	232,624	0	5,022	56,671	0	0	347,044
Department of the Navy	1,229,568	136,818	345,752	21,139	0	36,574	3,608	1,787	636,685	47,204
Other defense agencies	1,328,599	299,356	190	117,803	0	96,999	1,658	7,074	679,829	125,689
Department of Education	260,178	0	0	0	0	0	0	0	0	260,178
Department of Energy	4,523,208	763,254	75,749	38,244	2,113	1,411,163	0	0	2,221,135	11,550
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	59,361	0	0	0	0	0	0	0	59,361	0
Energy Efficiency and Renewable Energy	677,946	0	0	0	0	0	0	0	677,946	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 Veterans Affairs	1,002,408	0	0	1,002,408	0	0	0	0	0	0
Other agencies										
Administrative Office of the U.S. Courts	1,443	1,443	0	0	0	0	0	0	0	0
Agency for Global Media	7,884	0	0	0	0	0	0	7,884	0	0
Agency for International Development	51,211	0	0	43,631	0	0	0	4,331	0	3,250
Appalachian Regional Commission	122	0	0	0	0	0	0	122	0	0
Consumer Product Safety Commission	440	0	0	0	0	0	0	0	440	0
Environmental Protection Agency	406,371	5,566	167,490	160,542	3,090	9,703	0	2,348	57,633	0
Federal Trade Commission	8,571	0	0	0	0	0	0	8,571	0	0
Library of Congress	493	0	0	0	0	493	0	0	0	0
National Aeronautics and Space Administration	3,009,641	0	159,671	0	0	208,808	0	0	2,526,071	115,091
National Science Foundation	986,305	181,719	16,665	6,623	471	21,920	*	2,867	359,167	396,864
Nuclear Regulatory Commission	78,147	0	0	0	0	0	0	0	78,147	0
Patient-Centered Outcomes Research Trust Fund	481,465	0	0	481,465	0	0	0	0	0	0
Postal Service	15,702	0	0	0	0	0	0	0	15,702	0
RESTORE Act Centers of Excellence Research Grants Program	6,960	0	0	0	0	0	0	0	0	6,960
Social Security Administration	98,560	0	0	0	0	0	0	98,560	0	0
Tennessee Valley Authority	12,952	0	0	0	0	0	0	0	12,952	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.