

TABLE 58

Preliminary federal obligations for research performed at universities and colleges, by selected agency and field of science and engineering: FY 2021

(Dollars in thousands)

Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
All agencies surveyed	33,453,041.8	1,880,338.0	3,301,000.6	1,319,992.2	21,214,977.9	1,734,666.7	1,917,826.9	447,985.4	1,636,254.1
Departments									
Department of Agriculture	826,908.9	905.5	92,775.5	8,554.0	670,049.2	19,402.6	0.0	35,222.2	0.0
Agricultural Research Service	105,701.3	137.4	951.3	465.1	97,107.8	6,786.0	0.0	253.7	0.0
Animal and Plant Health Inspection Service	6,242.9	0.0	0.0	0.0	6,242.9	0.0	0.0	0.0	0.0
Economic Research Service	4,095.9	0.0	0.0	0.0	0.0	0.0	0.0	4,095.9	0.0
Forest Service	24,950.8	689.6	1,522.0	4,312.3	13,515.5	403.4	0.0	4,507.9	0.0
National Agricultural Statistics Service	78.5	78.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	683,039.5	0.0	90,302.1	3,776.6	550,383.0	12,213.1	0.0	26,364.6	0.0
Rural Business-Cooperative Service	2,800.0	0.0	0.0	0.0	2,800.0	0.0	0.0	0.0	0.0
Department of Defense	2,535,707.3	499,317.0	624,954.1	135,849.8	335,893.7	199,090.4	41,630.9	87,859.2	611,112.2
Defense Advanced Research Projects Agency	575,355.3	298,772.4	70,847.7	8,623.5	155,460.3	29,945.4	6,618.8	0.0	5,087.1
Defense Health Agency	51,988.5	0.0	0.0	0.0	51,988.5	0.0	0.0	0.0	0.0
Department of the Air Force	457,156.7	31,863.3	280,006.7	2,008.2	7,350.0	74,209.9	676.2	52,537.2	8,505.2
Department of the Army	526,845.8	33,904.2	18,204.0	2,107.8	52,906.4	15,527.6	0.0	2,575.5	401,620.3
Department of the Navy	690,289.4	105,400.6	219,487.8	112,960.8	32,757.2	14,155.7	4,928.4	14,751.4	185,847.3
Other defense agencies	234,071.6	29,376.5	36,407.9	10,149.4	35,431.3	65,251.7	29,407.5	17,995.1	10,052.3
Department of Energy	962,644.3	29,292.6	495,613.4	21,032.0	101,498.2	148,290.5	0.0	64.4	166,853.2
Advanced Research Projects Agency—Energy	88,491.2	15,365.6	43,725.8	0.0	13,626.2	15,709.2	0.0	64.4	0.0
Electricity Delivery and Energy Reliability	7,661.2	0.0	7,661.2	0.0	0.0	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	317,054.5	0.0	317,054.5	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Management	4,007.2	0.0	0.0	4,007.2	0.0	0.0	0.0	0.0	0.0
Fossil Energy	124,165.5	0.0	91,437.0	11,600.8	0.0	21,127.7	0.0	0.0	0.0

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National Nuclear Security Administration	10,068.6	0.0	0.0	0.0	0.0	10,068.6	0.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	10,068.6	0.0	0.0	0.0	0.0	10,068.6	0.0	0.0	0.0
Nuclear Energy	35,734.9	0.0	35,734.9	0.0	0.0	0.0	0.0	0.0	0.0
Office of Cybersecurity, Energy Security, and Emergency Response	6,805.0	6,805.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	368,656.2	7,122.0	0.0	5,424.0	87,872.0	101,385.0	0.0	0.0	166,853.2
Department of Health and Human Services	23,092,183.4	218,718.3	1,085,800.1	237,493.4	19,364,798.9	57,985.6	1,839,272.3	137,948.5	150,166.4
Administration for Community Living	54,861.8	0.0	0.0	0.0	0.0	0.0	0.0	54,861.8	0.0
Agency for Healthcare Research and Quality	98,720.2	1,799.3	453.2	0.0	74,970.0	0.0	0.0	10,307.3	11,190.4
Agency for Toxic Substances and Disease Registry	2,102.3	0.0	0.0	2,102.3	0.0	0.0	0.0	0.0	0.0
Centers for Disease Control and Prevention	166,493.5	0.0	0.0	34,340.3	119,629.6	0.0	0.0	470.0	12,053.6
Centers for Medicare and Medicaid Services	14,702.8	0.0	0.0	0.0	14,702.8	0.0	0.0	0.0	0.0
Food and Drug Administration	80,249.7	0.0	0.0	0.0	80,249.7	0.0	0.0	0.0	0.0
Health Resources and Services Administration	27,379.9	0.0	0.0	0.0	13,066.0	0.0	0.0	0.0	14,313.9
National Institutes of Health	22,645,123.1	216,919.0	1,085,346.9	201,050.9	19,062,180.7	57,985.6	1,839,272.3	69,759.4	112,608.4
Office of the Secretary of Health and Human Services	2,550.0	0.0	0.0	0.0	0.0	0.0	0.0	2,550.0	0.0
Office of the Assistant Secretary for Planning and Evaluation	2,550.0	0.0	0.0	0.0	0.0	0.0	0.0	2,550.0	0.0
Department of Homeland Security	24,389.3	3,765.6	14,000.0	0.0	2,124.5	4,499.2	0.0	0.0	0.0

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Countering Weapons of Mass Destruction Office	8,389.3	3,765.6	0.0	0.0	2,124.5	2,499.2	0.0	0.0	0.0
Science and Technology Directorate	16,000.0	0.0	14,000.0	0.0	0.0	2,000.0	0.0	0.0	0.0
Other agencies									
National Aeronautics and Space Administration	728,941.1	0.0	51,314.0	173,023.2	35,576.8	468,786.9	0.0	0.0	240.2
National Science Foundation	5,282,267.6	1,128,339.1	936,543.5	744,039.9	705,036.7	836,611.5	36,923.7	186,891.1	707,882.1

nec = not elsewhere classified.

Note(s):

Because of rounding, detail may not add to total. Seven agencies are required to report data for this section of the survey: the Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; the National Aeronautics and Space Administration; and the National Science Foundation. Research obligations of these seven agencies represented more than 97% of total federal research obligations to universities and colleges in FY 2021. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. FYs 2021 obligations include additional funding provided by supplemental COVID-19 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 2020–21.