

TABLE 57

**Federal obligations for research performed at universities and colleges, by selected agency and field of science and engineering: FY 2020**

(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	34,618,983.6	1,911,534.3	3,377,909.6	1,436,331.5	21,665,684.0	2,404,712.6	1,935,726.2	450,586.5	1,436,498.9
Departments									
Department of Agriculture	861,682.5	940.0	94,688.3	10,029.8	693,725.3	22,594.9	0.0	39,704.3	0.0
Agricultural Research Service	140,935.1	183.2	1,268.4	620.1	129,477.1	9,048.0	0.0	338.2	0.0
Animal and Plant Health Inspection Service	5,828.2	0.0	0.0	0.0	5,828.2	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	67.2	67.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	683,005.3	0.0	91,897.8	5,097.4	542,104.5	13,143.4	0.0	30,762.2	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	2,427,132.1	520,469.4	620,464.2	123,969.4	315,410.1	176,032.3	18,515.4	86,390.9	565,880.5
Defense Advanced Research Projects Agency	584,166.1	301,855.7	73,401.5	9,533.7	158,586.0	27,847.9	7,317.4	0.0	5,624.0
Defense Health Agency	41,595.0	0.0	0.0	0.0	41,595.0	0.0	0.0	0.0	0.0
Department of the Air Force	467,636.5	32,431.1	285,261.3	2,080.0	7,627.2	76,003.3	704.3	54,718.3	8,811.0
Department of the Army	495,695.9	42,159.9	16,507.9	1,959.0	48,814.7	14,719.8	0.0	2,440.4	369,094.2
Department of the Navy	640,857.3	97,712.3	203,477.7	104,721.1	31,287.8	13,123.1	4,568.9	13,675.4	172,291.0
Other defense agencies	197,181.3	46,310.3	41,815.9	5,675.6	27,499.5	44,338.2	5,924.8	15,556.8	10,060.2
Department of Energy	1,489,644.6	45,699.9	532,700.7	62,185.9	134,101.8	714,751.8	0.0	66.0	138.4
Advanced Research Projects Agency –Energy	90,770.6	15,761.4	44,852.1	0.0	13,977.2	16,113.9	0.0	66.0	0.0
Electricity Delivery and Energy Reliability	9,292.5	0.0	9,292.5	0.0	0.0	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	310,154.7	0.0	310,154.7	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Management	318.5	0.0	0.0	318.5	0.0	0.0	0.0	0.0	0.0
Fossil Energy	200,860.5	0.0	124,609.5	15,809.4	0.0	60,441.5	0.0	0.0	0.0

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National Nuclear Security Administration	14,925.0	0.0	275.0	0.0	0.0	14,650.0	0.0	0.0	0.0
Defense Programs	1,175.0	0.0	275.0	0.0	0.0	900.0	0.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	13,750.0	0.0	0.0	0.0	0.0	13,750.0	0.0	0.0	0.0
Nuclear Energy	43,516.8	0.0	43,516.8	0.0	0.0	0.0	0.0	0.0	0.0
Office of Cybersecurity, Energy Security, and Emergency Response	3,920.0	3,920.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	815,886.1	26,018.6	0.0	46,058.1	120,124.6	623,546.4	0.0	0.0	138.4
Department of Health and Human Services	23,603,453.9	223,618.4	1,110,154.7	247,977.4	19,790,029.2	59,287.8	1,880,578.8	139,020.4	152,787.2
Administration for Community Living	53,372.5	0.0	0.0	0.0	0.0	0.0	0.0	53,372.5	0.0
Agency for Healthcare Research and Quality	100,708.7	1,827.9	433.0	0.0	77,447.9	0.0	0.0	10,152.3	10,847.7
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	172,437.0	0.0	0.0	40,309.1	119,604.4	0.0	0.0	470.0	12,053.6
Centers for Medicare and Medicaid Services	14,414.5	0.0	0.0	0.0	14,414.5	0.0	0.0	0.0	0.0
Food and Drug Administration	75,216.2	0.0	0.0	0.0	75,216.2	0.0	0.0	0.0	0.0
Health Resources and Services Administration	29,003.1	0.0	0.0	0.0	13,066.0	0.0	0.0	1,188.7	14,748.4
National Institutes of Health	23,153,688.6	221,790.6	1,109,721.7	205,566.1	19,490,280.3	59,287.8	1,880,578.8	71,326.1	115,137.4
Office of the Secretary of Health and Human Services	2,510.8	0.0	0.0	0.0	0.0	0.0	0.0	2,510.8	0.0
Office of the Assistant Secretary for Planning and Evaluation	2,510.8	0.0	0.0	0.0	0.0	0.0	0.0	2,510.8	0.0

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Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
Department of Homeland Security	18,413.7	2,119.6	11,415.5	0.0	731.8	4,146.8	0.0	0.0	0.0
Countering Weapons of Mass Destruction Office	5,714.5	2,119.6	0.0	0.0	731.8	2,863.1	0.0	0.0	0.0
Science and Technology Directorate	12,699.2	0.0	11,415.5	0.0	0.0	1,283.6	0.0	0.0	0.0
Other agencies									
National Aeronautics and Space Administration	980,801.5	0.0	79,973.9	254,048.3	32,241.6	597,958.8	0.0	0.0	16,579.0
National Science Foundation	5,237,855.3	1,118,687.1	928,512.4	738,120.8	699,444.2	829,940.1	36,632.0	185,404.8	701,113.9

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 2020. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. FYs 2020 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.