

TABLE 57

Federal obligations for research performed at universities and colleges, by selected agency and field of science and engineering: FY 2019

(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	31,637,052.5	1,630,520.6	3,014,313.7	1,330,355.6	20,025,580.1	2,198,843.0	1,613,264.7	377,091.2	1,447,083.6
Departments									
Department of Agriculture	892,674.3	761.7	48,308.1	9,444.5	728,889.6	18,958.9	0.0	86,311.4	0.0
Agricultural Research Service	114,586.6	149.0	1,031.3	504.2	105,270.7	7,356.5	0.0	275.0	0.0
Animal and Plant Health Inspection Service	5,226.3	0.0	0.0	0.0	5,226.3	0.0	0.0	0.0	0.0
Economic Research Service	3,680.9	0.0	0.0	0.0	0.0	0.0	0.0	3,680.9	0.0
Forest Service	17,757.8	359.3	1,271.0	4,413.5	8,930.3	191.0	0.0	2,592.7	0.0
National Agricultural Statistics Service	253.4	253.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	750,056.7	0.0	46,005.8	4,526.8	609,462.3	11,411.5	0.0	78,650.3	0.0
Rural Business-Cooperative Service	1,112.5	0.0	0.0	0.0	0.0	0.0	0.0	1,112.5	0.0
Department of Defense	2,161,454.0	507,658.7	547,355.5	115,850.6	249,790.0	271,978.5	19,559.7	21,377.9	427,883.1
Defense Advanced Research Projects Agency	557,742.7	287,135.3	70,276.7	2,677.2	144,166.0	49,581.9	0.0	0.0	3,905.7
Department of the Air Force	470,109.0	75,627.2	202,947.4	6,281.8	33,553.4	148,459.1	639.4	2,600.6	0.0
Department of the Army	353,464.6	13,397.4	12,671.9	905.6	20,553.4	13,913.5	0.0	2,306.1	289,716.7
Department of the Navy	604,724.2	98,574.5	223,373.2	101,392.8	27,076.9	15,419.1	14,956.3	4,373.0	119,558.4
Other defense agencies	175,413.5	32,924.3	38,086.3	4,593.3	24,440.3	44,605.0	3,963.9	12,098.1	14,702.3
Department of Energy	1,248,555.3	22,150.9	418,575.5	33,676.7	146,341.0	551,868.3	0.0	0.0	75,943.0
Advanced Research Projects Agency—Energy	81,578.5	8,886.3	43,489.2	0.0	8,567.2	20,635.8	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	10,317.5	0.0	10,317.5	0.0	0.0	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	307,763.4	0.0	307,763.4	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Management	4,644.5	0.0	0.0	4,644.5	0.0	0.0	0.0	0.0	0.0
Fossil Energy	33,000.0	0.0	0.0	0.0	0.0	33,000.0	0.0	0.0	0.0
National Nuclear Security Administration	14,726.4	0.0	275.0	0.0	0.0	14,451.4	0.0	0.0	0.0
Defense Programs	975.0	0.0	275.0	0.0	0.0	700.0	0.0	0.0	0.0
Office of Defense Nuclear Nonproliferation	13,751.4	0.0	0.0	0.0	0.0	13,751.4	0.0	0.0	0.0
Nuclear Energy	21,267.3	0.0	21,267.3	0.0	0.0	0.0	0.0	0.0	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
Office of Cybersecurity, Energy Security, and Emergency Response	3,500.0	0.0	3,500.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	771,757.8	13,264.6	31,963.1	29,032.2	137,773.8	483,781.1	0.0	0.0	75,943.0
Department of Health and Human Services	21,489,376.5	55,731.0	1,007,088.0	234,848.6	18,200,575.3	66,875.6	1,558,212.4	97,622.3	268,423.3
Administration for Community Living	53,478.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53,478.7
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
Centers for Disease Control and Prevention	122,643.2	0.0	0.0	39,531.8	69,792.9	0.0	0.0	0.0	13,318.6
Centers for Medicare and Medicaid Services	11,554.7	0.0	0.0	0.0	11,554.7	0.0	0.0	0.0	0.0
Food and Drug Administration	72,300.0	0.0	0.0	0.0	72,300.0	0.0	0.0	0.0	0.0
Health Resources and Services Administration	24,027.6	0.0	0.0	0.0	10,953.9	0.0	0.0	2,265.5	10,808.1
National Institutes of Health	21,102,517.9	53,903.1	1,006,655.0	195,316.8	17,958,525.9	66,875.6	1,558,212.4	83,058.8	179,970.2
Office of the Secretary of Health and Human Services	2,145.7	0.0	0.0	0.0	0.0	0.0	0.0	2,145.7	0.0
Office of the Assistant Secretary for Planning and Evaluation	2,145.7	0.0	0.0	0.0	0.0	0.0	0.0	2,145.7	0.0
Department of Homeland Security	21,998.4	2,103.2	12,976.3	0.0	462.0	804.9	0.0	0.0	5,652.0
Countering Weapons of Mass Destruction Office	5,602.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,602.7
Cybersecurity and Infrastructure Security Agency	1,173.8	1,173.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Science and Technology Directorate	15,118.8	826.3	12,976.3	0.0	462.0	804.9	0.0	0.0	49.3
U.S. Coast Guard	103.2	103.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies									
National Aeronautics and Space Administration	904,273.8	0.0	81,654.2	251,658.7	49,741.2	506,763.3	0.0	0.0	14,456.4
National Science Foundation	4,918,720.1	1,042,115.2	898,356.2	684,876.5	649,780.9	781,593.4	35,492.6	171,779.5	654,725.8

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 2019. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. 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 2019–20.