

TABLE 58

Preliminary 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	33,578,471.6	1,693,423.7	3,245,369.3	1,355,897.9	21,309,231.4	2,309,536.1	1,725,393.7	406,531.9	1,533,087.5
Departments									
Department of Agriculture	1,009,782.4	720.3	61,857.2	10,188.2	816,671.9	18,471.9	0.0	101,872.8	0.0
Agricultural Research Service	85,940.0	111.7	773.5	378.1	78,953.1	5,517.3	0.0	206.3	0.0
Animal and Plant Health Inspection Service	5,300.9	0.0	0.0	0.0	5,300.9	0.0	0.0	0.0	0.0
Economic Research Service	3,680.0	0.0	0.0	0.0	0.0	0.0	0.0	3,680.0	0.0
Foreign Agricultural Service	500.0	0.0	0.0	0.0	500.0	0.0	0.0	0.0	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	249.3	249.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	895,205.4	0.0	59,812.8	5,396.6	722,987.7	12,763.6	0.0	94,244.7	0.0
Rural Business-Cooperative Service	1,149.2	0.0	0.0	0.0	0.0	0.0	0.0	1,149.2	0.0
Department of Defense	2,214,005.8	526,867.3	541,433.5	114,264.8	270,607.8	274,430.7	29,789.5	26,173.8	430,438.5
Defense Advanced Research Projects Agency	621,207.6	322,651.0	79,124.3	3,202.5	161,098.5	50,701.5	0.0	0.0	4,429.8
Department of the Air Force	444,464.4	70,026.3	198,157.1	5,891.8	31,007.2	136,441.1	584.2	2,356.6	0.0
Department of the Army	364,716.4	14,910.1	14,046.4	1,008.4	22,887.8	15,493.8	0.0	2,568.1	293,801.8
Department of the Navy	587,595.6	95,782.4	217,046.2	98,520.8	26,310.0	14,982.4	14,532.7	4,249.2	116,171.9
Other defense agencies	196,021.9	23,497.4	33,059.4	5,641.2	29,304.3	56,812.1	14,672.6	17,000.0	16,035.0
Department of Energy	1,448,088.7	34,812.2	508,267.0	20,762.0	141,986.3	611,587.2	0.0	0.0	130,674.0
Advanced Research Projects Agency—Energy	85,616.7	9,326.2	45,641.9	0.0	8,991.3	21,657.2	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	9,877.6	0.0	9,877.6	0.0	0.0	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	374,640.0	0.0	374,640.0	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Management	1,584.0	0.0	0.0	1,584.0	0.0	0.0	0.0	0.0	0.0
Fossil Energy	34,000.0	0.0	0.0	0.0	0.0	34,000.0	0.0	0.0	0.0
National Nuclear Security Administration	94,110.0	0.0	100.0	0.0	0.0	94,010.0	0.0	0.0	0.0
Defense Programs	80,360.0	0.0	100.0	0.0	0.0	80,260.0	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	41,520.5	0.0	41,520.5	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 Science	806,740.0	25,486.0	36,487.0	19,178.0	132,995.0	461,920.0	0.0	0.0	130,674.0
Department of Health and Human Services	22,860,558.7	59,196.8	1,072,366.1	249,041.6	19,368,097.6	71,588.9	1,659,225.8	102,384.9	278,656.9
Administration for Community Living	52,282.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52,282.0
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
Centers for Disease Control and Prevention	128,812.6	0.0	0.0	41,063.1	74,874.1	378.0	0.0	300.0	12,197.5
Centers for Medicare and Medicaid Services	12,000.0	0.0	0.0	0.0	12,000.0	0.0	0.0	0.0	0.0
Food and Drug Administration	72,585.6	0.0	0.0	0.0	72,585.6	0.0	0.0	0.0	0.0
Health Resources and Services Administration	23,492.6	0.0	0.0	0.0	10,953.9	0.0	0.0	1,188.7	11,350.0
National Institutes of Health	22,470,520.0	57,397.5	1,071,912.9	207,978.5	19,122,714.1	71,210.9	1,659,225.8	88,443.2	191,637.1
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	21,280.0	2,000.0	13,000.0	0.0	1,000.0	1,000.0	0.0	0.0	4,280.0
Countering Weapons of Mass Destruction Office	4,280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,280.0
Science and Technology Directorate	17,000.0	2,000.0	13,000.0	0.0	1,000.0	1,000.0	0.0	0.0	0.0
Other agencies									
National Aeronautics and Space Administration	975,821.5	0.0	125,630.9	259,586.5	44,798.1	531,200.7	0.0	0.0	14,605.3
National Science Foundation	5,048,934.4	1,069,827.2	922,814.6	702,054.8	666,069.6	801,256.6	36,378.4	176,100.4	674,432.8

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 2020. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. FY 2020 preliminary data do not include obligations from 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 2019–20.