

TABLE 72

**Federal obligations for basic research performed at universities and colleges in life sciences, by selected agency and detailed field: FY 2020**

(Dollars in thousands)

Agency	Total	Agricultural sciences	Biological sciences (excluding environmental biology)	Environmental biology	Medical sciences	Other life sciences
All agencies surveyed	11,270,936.8	189,945.9	6,043,158.8	235,991.5	3,713,913.1	1,087,927.6
Departments						
Department of Agriculture	344,168.7	187,650.3	89,382.5	64,811.5	2,318.3	6.1
Agricultural Research Service	71,931.7	55,880.8	5,011.0	9,763.7	1,276.2	0.0
Animal and Plant Health Inspection Service	5,828.2	5,828.2	0.0	0.0	0.0	0.0
Forest Service	3,688.8	89.7	729.5	2,863.5	0.0	6.1
National Institute of Food and Agriculture	262,719.9	125,851.6	83,641.9	52,184.3	1,042.1	0.0
Department of Defense	156,566.9	2,295.6	75,830.0	345.3	71,446.4	6,649.6
Defense Advanced Research Projects Agency	65,685.9	0.0	42,975.4	345.3	22,365.2	0.0
Defense Health Agency	336.3	0.0	0.0	0.0	336.3	0.0
Department of the Air Force	7,349.8	0.0	4,772.2	0.0	0.0	2,577.6
Department of the Army	48,814.7	0.0	5,615.6	0.0	43,199.1	0.0
Department of the Navy	18,185.5	0.0	10,114.3	0.0	5,545.9	2,525.4
Other defense agencies	16,194.7	2,295.6	12,352.5	0.0	0.0	1,546.6
Department of Energy	120,124.6	0.0	101,086.8	19,037.9	0.0	0.0
Office of Science	120,124.6	0.0	101,086.8	19,037.9	0.0	0.0
Department of Health and Human Services	9,943,605.7	0.0	5,234,427.5	0.0	3,640,148.3	1,069,029.9
Centers for Disease Control and Prevention	3,562.8	0.0	0.0	0.0	3,562.8	0.0
National Institutes of Health	9,940,042.9	0.0	5,234,427.5	0.0	3,636,585.6	1,069,029.9
Department of Homeland Security	731.8	0.0	731.8	0.0	0.0	0.0
Countering Weapons of Mass Destruction Office	731.8	0.0	731.8	0.0	0.0	0.0
Other agencies						
National Aeronautics and Space Administration	12,242.0	0.0	0.0	0.0	0.0	12,242.0
National Science Foundation	693,497.2	0.0	541,700.3	151,796.9	0.0	0.0

**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. Basic research obligations of these seven agencies represented more than 99% of total federal basic 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.