

TABLE 72

Federal obligations for basic research performed at universities and colleges in life sciences, by selected agency and detailed field: FY 2019

(Dollars in thousands)

Agency	Total	Agricultural sciences	Biological sciences (excluding environmental biology)	Environmental biology	Medical sciences	Other life sciences
All agencies surveyed	10,480,308.5	167,634.7	5,763,358.7	232,734.8	3,293,161.7	1,023,418.5
Departments						
Department of Agriculture	278,125.3	163,121.7	59,969.4	52,216.5	2,785.2	32.5
Agricultural Research Service	58,483.7	45,433.6	4,074.2	7,938.3	1,037.6	0.0
Animal and Plant Health Inspection Service	5,226.3	5,226.3	0.0	0.0	0.0	0.0
Forest Service	1,103.5	15.0	325.3	730.7	0.0	32.5
National Institute of Food and Agriculture	213,311.8	112,446.8	55,570.0	43,547.4	1,747.6	0.0
Department of Defense	148,416.9	4,513.0	87,011.7	8,796.1	36,908.1	11,187.9
Defense Advanced Research Projects Agency	59,949.4	0.0	42,169.1	8,783.4	8,996.9	0.0
Department of the Air Force	29,977.0	2,629.1	17,750.5	12.7	45.9	9,538.8
Department of the Army	20,553.4	0.0	5,301.4	0.0	15,252.0	0.0
Department of the Navy	23,248.1	0.0	10,226.2	0.0	12,613.3	408.6
Other defense agencies	14,689.0	1,883.9	11,564.5	0.0	0.0	1,240.6
Department of Energy	137,773.8	0.0	116,571.8	21,202.0	0.0	0.0
Office of Science	137,773.8	0.0	116,571.8	21,202.0	0.0	0.0
Department of Health and Human Services	9,252,385.8	0.0	5,005,843.8	0.0	3,253,468.4	993,073.5
Centers for Disease Control and Prevention	3,744.9	0.0	232.3	0.0	3,512.6	0.0
National Institutes of Health	9,248,640.9	0.0	5,005,611.5	0.0	3,249,955.9	993,073.5
Other agencies						
National Aeronautics and Space Administration	19,124.5	0.0	0.0	0.0	0.0	19,124.5
National Science Foundation	644,482.3	0.0	493,962.0	150,520.3	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 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.