

TABLE 67

**Federal obligations for basic 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	18,559,376.1	1,245,400.4	1,665,537.0	1,120,422.5	10,480,308.5	2,080,811.6	853,894.4	261,289.2	851,712.3
Departments									
Department of Agriculture	334,000.0	128.1	16,800.1	2,957.9	278,125.3	8,165.9	0.0	27,822.6	0.0
Agricultural Research Service	63,659.2	82.8	572.9	280.1	58,483.7	4,086.9	0.0	152.8	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
Forest Service	2,594.6	45.3	125.2	1,093.4	1,103.5	85.0	0.0	142.2	0.0
National Institute of Food and Agriculture	262,519.9	0.0	16,102.0	1,584.4	213,311.8	3,994.0	0.0	27,527.6	0.0
Department of Defense	1,373,405.5	285,471.9	333,293.0	76,055.5	148,416.9	241,236.3	15,922.4	21,377.9	251,631.6
Defense Advanced Research Projects Agency	242,713.7	109,946.8	26,091.3	0.0	59,949.4	45,447.3	0.0	0.0	1,278.9
Department of the Air Force	360,521.0	66,747.1	118,393.0	5,097.6	29,977.0	137,094.8	610.8	2,600.6	0.0
Department of the Army	237,941.9	13,361.5	12,413.3	905.6	20,553.4	13,913.5	0.0	2,306.1	174,488.5
Department of the Navy	391,695.2	66,770.7	141,543.9	65,459.0	23,248.1	12,184.7	11,349.7	4,373.0	66,766.0
Other defense agencies	140,533.9	28,645.8	34,851.5	4,593.3	14,689.0	32,596.2	3,961.9	12,098.1	9,098.1
Department of Energy	820,246.5	13,264.6	33,700.5	29,032.2	137,773.8	530,532.5	0.0	0.0	75,943.0
Electricity Delivery and Energy Reliability	1,737.4	0.0	1,737.4	0.0	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	13,751.4	0.0	0.0	0.0	0.0	13,751.4	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
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	10,899,722.8	27,760.1	518,427.3	115,450.8	9,252,385.8	34,440.9	802,479.4	42,775.3	106,003.2
Centers for Disease Control and Prevention	31,926.1	0.0	0.0	14,862.6	3,744.9	0.0	0.0	0.0	13,318.6
National Institutes of Health	10,867,796.7	27,760.1	518,427.3	100,588.1	9,248,640.9	34,440.9	802,479.4	42,775.3	92,684.7
Department of Homeland Security	19,642.7	435.5	12,976.3	0.0	0.0	804.9	0.0	0.0	5,426.0

TABLE 67

**Federal obligations for basic 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
Countering Weapons of Mass Destruction Office	5,376.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,376.7
Science and Technology Directorate	14,266.0	435.5	12,976.3	0.0	0.0	804.9	0.0	0.0	49.3
Other agencies									
National Aeronautics and Space Administration	735,394.5	0.0	0.0	218,350.2	19,124.5	495,510.4	0.0	0.0	2,409.4
National Science Foundation	4,376,964.0	918,340.2	750,339.8	678,575.9	644,482.3	770,120.6	35,492.6	169,313.5	410,299.1

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. 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.