

TABLE 59

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

(Dollars in thousands)

Agency	Total	Computer sciences	Mathematics	Other computer sciences and mathematics
All agencies surveyed	1,630,520.6	1,213,364.0	348,429.3	68,727.3
Departments				
Department of Agriculture	761.7	403.3	358.4	0.0
Agricultural Research Service	149.0	149.0	0.0	0.0
Forest Service	359.3	254.3	105.0	0.0
National Agricultural Statistics Service	253.4	0.0	253.4	0.0
Department of Defense	507,658.7	372,352.2	66,682.2	68,624.2
Defense Advanced Research Projects Agency	287,135.3	249,639.9	2,890.5	34,604.9
Department of the Air Force	75,627.2	21,443.2	24,881.1	29,302.9
Department of the Army	13,397.4	3,231.4	10,166.0	0.0
Department of the Navy	98,574.5	80,807.6	17,205.6	561.3
Other defense agencies	32,924.3	17,230.1	11,539.0	4,155.1
Department of Energy	22,150.9	21,927.0	223.9	0.0
Advanced Research Projects Agency—Energy	8,886.3	8,886.3	0.0	0.0
Office of Science	13,264.6	13,040.7	223.9	0.0
Department of Health and Human Services	55,731.0	1,827.9	53,903.1	0.0
Agency for Healthcare Research and Quality	1,827.9	1,827.9	0.0	0.0
National Institutes of Health	53,903.1	0.0	53,903.1	0.0
Department of Homeland Security	2,103.2	2,000.1	0.0	103.2
Cybersecurity and Infrastructure Security Agency	1,173.8	1,173.8	0.0	0.0
Science and Technology Directorate	826.3	826.3	0.0	0.0
U.S. Coast Guard	103.2	0.0	0.0	103.2
Other agencies				
National Science Foundation	1,042,115.2	814,853.5	227,261.6	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. 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.