





TABLE 45

**Federal obligations for applied research in engineering, by agency and detailed field: FY 2019**

(Dollars in thousands)

Agency	Total	Aeronautical engineering	Astronautical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgy and materials engineering	Other engineering
Other agencies									
Environmental Protection Agency	57,407.5	0.0	0.0	20,873.3	2,409.6	0.0	685.5	519.3	32,919.8
Federal Communications Commission	1,500.0	0.0	0.0	0.0	0.0	1,500.0	0.0	0.0	0.0
National Aeronautics and Space Administration	1,916,816.7	546,257.7	733,048.0	0.0	0.0	4,480.5	0.0	16,318.6	616,711.9
National Science Foundation	312,971.3	0.0	0.0	12,764.8	977.6	20,921.1	12,461.2	2,345.5	263,501.0
Nuclear Regulatory Commission	74,076.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74,076.6
Tennessee Valley Authority	5,614.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,614.0
U.S. Postal Service	26,664.2	0.0	0.0	0.0	0.0	15,038.6	11,625.6	0.0	0.0

**Note(s):**

Because of rounding, detail may not add to total. 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.