

Table 51. Federal obligations for applied research performed at higher education institutions, by detailed field of R&D: FY 2024

(Dollars in thousands)

Field	2024
All fields	18,456,109
Computer and information sciences	542,239
Geosciences, atmospheric sciences, and ocean sciences	854,914
Atmospheric science and meteorology	146,604
Geological and earth sciences	54,364
Ocean sciences and marine sciences	196,711
Other geosciences, atmospheric sciences, and ocean sciences	457,235
Life sciences	9,211,771
Agricultural sciences	85,857
Biological and biomedical sciences	5,062,086
Health sciences	2,841,554
Natural resources and conservation	33,349
Other life sciences	1,188,924
Mathematics and statistics	120,655
Physical sciences	735,536
Astronomy and astrophysics	637
Chemistry	504,043
Materials science	30,606
Physics	148,603
Other physical sciences	51,646
Psychology	1,706,932
Biological aspects	2,961
Social aspects	3,528
Other psychological sciences	1,700,443
Social sciences	1,028,804
Anthropology	2,244
Economics	48,218
Political science and government	1,069
Sociology, demography, and population studies	46,555
Other social sciences	930,719
Engineering	2,682,163
Aerospace, aeronautical, and astronautical engineering	157,392
Bioengineering and biomedical engineering	146,093
Chemical engineering	245,826
Civil engineering	67,026
Electrical, electronics, and communications engineering	122,493
Industrial and manufacturing engineering	13,339
Mechanical engineering	45,750
Metallurgical and materials engineering	200,980
Other engineering	1,683,264
Other fields	1,573,094
Business management and business administration	53,283
Communication and communications technologies	22,888
Education research	515,678
Humanities	*
Law	0
Social work	47
Visual and performing arts	0
All other fields	981,198

* = amount greater than \$0 but less than \$500.

Note(s):
Because of rounding, detail may not add to total.

Source(s):
National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2024–25.