

Table 47. Federal obligations for research performed at higher education institutions, by detailed field of R&D: FY 2024

(Dollars in thousands)

Field	2024
All fields	40,503,323
Computer and information sciences	1,436,709
Geosciences, atmospheric sciences, and ocean sciences	2,181,995
Atmospheric science and meteorology	318,076
Geological and earth sciences	215,382
Ocean sciences and marine sciences	515,660
Other geosciences, atmospheric sciences, and ocean sciences	1,132,876
Life sciences	18,849,451
Agricultural sciences	187,704
Biological and biomedical sciences	10,807,350
Health sciences	5,415,603
Natural resources and conservation	35,207
Other life sciences	2,403,586
Mathematics and statistics	514,796
Physical sciences	3,917,793
Astronomy and astrophysics	462,821
Chemistry	1,379,646
Materials science	351,321
Physics	1,020,681
Other physical sciences	703,323
Psychology	3,495,114
Biological aspects	14,744
Social aspects	11,010
Other psychological sciences	3,469,359
Social sciences	2,006,098
Anthropology	19,170
Economics	89,918
Political science and government	5,669
Sociology, demography, and population studies	70,356
Other social sciences	1,820,986
Engineering	5,003,607
Aerospace, aeronautical, and astronautical engineering	183,824
Bioengineering and biomedical engineering	194,043
Chemical engineering	327,545
Civil engineering	125,457
Electrical, electronics, and communications engineering	251,044
Industrial and manufacturing engineering	41,308
Mechanical engineering	141,150
Metallurgical and materials engineering	403,153
Other engineering	3,336,085
Other fields	3,097,759
Business management and business administration	77,662
Communication and communications technologies	23,098
Education research	812,892
Humanities	3
Law	5,160
Social work	47
Visual and performing arts	0
All other fields	2,178,897

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.