

TABLE 47

Federal obligations for research performed at higher education institutions, by detailed field of R&D: FY 2022

(Dollars in thousands)

Field	2022
All fields	39,068,958
Computer and information sciences	1,374,480
Geosciences, atmospheric sciences, and ocean sciences	2,143,679
Atmospheric science and meteorology	301,133
Geological and earth sciences	216,750
Ocean sciences and marine sciences	672,280
Other geosciences, atmospheric sciences, and ocean sciences	953,516
Life sciences	20,680,390
Agricultural sciences	201,947
Biological and biomedical sciences	11,544,992
Health sciences	6,612,391
Natural resources and conservation	19,422
Other life sciences	2,301,638
Mathematics and statistics	514,912
Physical sciences	3,827,139
Astronomy and astrophysics	384,862
Chemistry	1,184,137
Materials science	359,043
Physics	881,032
Other physical sciences	1,018,065
Psychology	2,978,215
Biological aspects	16,821
Social aspects	14,910
Other psychological sciences	2,946,485
Social sciences	1,141,534
Anthropology	25,411
Economics	83,986
Political science and government	1,673
Sociology, demography, and population studies	59,932
Other social sciences	970,531
Engineering	4,164,407
Aerospace, aeronautical, and astronautical engineering	147,565
Bioengineering and biomedical engineering	122,366
Chemical engineering	229,413
Civil engineering	115,628
Electrical, electronics, and communications engineering	259,755
Industrial and manufacturing engineering	93,268
Mechanical engineering	141,658
Metallurgical and materials engineering	192,783
Other engineering	2,861,970
Other fields	2,244,201
Business management and business administration	50,620
Communication and communications technologies	7,760
Education research	795,918
Humanities	1
Law	5,856
Social work	0
Visual and performing arts	0
All other fields	1,384,046

Note(s):

Because of rounding, detail may not add to total. FY 2022 obligations include additional funding provided by supplemental COVID-19 pandemic-related appropriations (e.g., Coronavirus Aid, Relief, and Economic Security [CARES] Act).

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2022–23.