

TABLE 23

Federal obligations for research, by detailed field of R&D: FYs 2023–24

(Dollars in thousands)

Field	2023	2024 (preliminary)
All fields	101,608,036	98,619,257
Computer and information sciences	5,135,735	5,326,319
Geosciences, atmospheric sciences, and ocean sciences	5,883,645	5,908,899
Atmospheric science and meteorology	1,095,962	NA
Geological and earth sciences	413,455	NA
Ocean sciences and marine sciences	1,119,656	NA
Other geosciences, atmospheric sciences, and ocean sciences	3,254,573	NA
Life sciences	43,749,587	40,241,513
Agricultural sciences	1,208,209	NA
Biological and biomedical sciences	24,790,963	NA
Health sciences	13,280,694	NA
Natural resources and conservation	360,232	NA
Other life sciences	4,109,489	NA
Mathematics and statistics	996,624	986,925
Physical sciences	12,703,228	12,939,520
Astronomy and astrophysics	1,340,238	NA
Chemistry	1,919,569	NA
Materials science	593,794	NA
Physics	4,274,576	NA
Other physical sciences	4,575,051	NA
Psychology	4,947,193	4,973,123
Biological aspects	25,847	NA
Social aspects	35,105	NA
Other psychological sciences	4,886,241	NA
Social sciences	2,678,553	2,714,567
Anthropology	38,944	NA
Economics	297,841	NA
Political science and government	4,014	NA
Sociology, demography, and population studies	127,922	NA
Other social sciences	2,209,832	NA
Engineering	16,023,607	15,429,743
Aerospace, aeronautical, and astronautical engineering	1,828,286	NA
Bioengineering and biomedical engineering	161,697	NA
Chemical engineering	1,020,968	NA
Civil engineering	682,122	NA
Electrical, electronics, and communications engineering	1,332,091	NA
Industrial and manufacturing engineering	387,290	NA
Mechanical engineering	475,874	NA
Metallurgical and materials engineering	711,332	NA
Other engineering	9,423,946	NA
Other fields	9,489,863	10,098,649
Business management and business administration	235,331	NA
Communication and communications technologies	31,846	NA
Education research	1,084,205	NA
Humanities	386	NA
Law	6,077	NA
Social work	2	NA
Visual and performing arts	0	NA
All other fields	8,132,017	NA

NA = not available; data were not collected at that level for that fiscal year.

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 2023–24.