

Table 33. Federal obligations for applied research, by detailed field of R&D: FYs 2024–25

(Dollars in thousands)

Field	2024	2025 (preliminary)
All fields	52,062,246	49,879,449
Computer and information sciences	2,771,181	2,909,228
Geosciences, atmospheric sciences, and ocean sciences	2,198,576	2,277,088
Atmospheric science and meteorology	472,705	NA
Geological and earth sciences	76,598	NA
Ocean sciences and marine sciences	495,241	NA
Other geosciences, atmospheric sciences, and ocean sciences	1,154,032	NA
Life sciences	21,015,375	20,025,946
Agricultural sciences	578,927	NA
Biological and biomedical sciences	10,162,832	NA
Health sciences	7,855,570	NA
Natural resources and conservation	390,603	NA
Other life sciences	2,027,444	NA
Mathematics and statistics	279,898	285,553
Physical sciences	3,312,084	3,162,708
Astronomy and astrophysics	6,840	NA
Chemistry	1,145,798	NA
Materials science	240,938	NA
Physics	1,144,874	NA
Other physical sciences	773,633	NA
Psychology	2,625,250	2,609,317
Biological aspects	5,165	NA
Social aspects	24,336	NA
Other psychological sciences	2,595,748	NA
Social sciences	1,806,558	1,752,181
Anthropology	2,196	NA
Economics	238,013	NA
Political science and government	2,781	NA
Sociology, demography, and population studies	107,148	NA
Other social sciences	1,456,421	NA
Engineering	13,622,322	12,591,261
Aerospace, aeronautical, and astronautical engineering	1,248,476	NA
Bioengineering and biomedical engineering	243,414	NA
Chemical engineering	1,292,869	NA
Civil engineering	551,952	NA
Electrical, electronics, and communications engineering	715,828	NA
Industrial and manufacturing engineering	1,977,828	NA
Mechanical engineering	379,895	NA
Metallurgical and materials engineering	475,395	NA
Other engineering	6,736,664	NA
Other fields	4,431,002	4,266,166
Business management and business administration	94,027	NA
Communication and communications technologies	57,925	NA
Education research	736,293	NA
Humanities	*	NA
Law	3,493	NA
Social work	2,007	NA
Visual and performing arts	0	NA
All other fields	3,537,257	NA

* = amount greater than \$0 but less than \$500. NA = not available; agency did not provide data.

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.