

**Table 28. Federal obligations for basic research, by detailed field of R&D: FYs 2024–25**

(Dollars in thousands)

Field	2024	2025 (preliminary)
All fields	47,493,585	45,361,068
Computer and information sciences	3,892,726	2,179,182
Geosciences, atmospheric sciences, and ocean sciences	3,494,035	3,577,094
Atmospheric science and meteorology	545,946	NA
Geological and earth sciences	292,292	NA
Ocean sciences and marine sciences	463,952	NA
Other geosciences, atmospheric sciences, and ocean sciences	2,191,845	NA
Life sciences	17,606,212	17,348,092
Agricultural sciences	676,318	NA
Biological and biomedical sciences	9,207,673	NA
Health sciences	5,652,345	NA
Natural resources and conservation	16,367	NA
Other life sciences	2,053,508	NA
Mathematics and statistics	585,476	605,928
Physical sciences	9,446,936	9,340,099
Astronomy and astrophysics	1,248,508	NA
Chemistry	1,475,911	NA
Materials science	397,237	NA
Physics	2,828,827	NA
Other physical sciences	3,496,452	NA
Psychology	2,661,016	2,627,193
Biological aspects	15,763	NA
Social aspects	8,862	NA
Other psychological sciences	2,636,390	NA
Social sciences	1,330,958	1,300,903
Anthropology	18,032	NA
Economics	59,501	NA
Political science and government	5,753	NA
Sociology, demography, and population studies	31,496	NA
Other social sciences	1,216,175	NA
Engineering	3,928,766	3,754,073
Aerospace, aeronautical, and astronautical engineering	109,543	NA
Bioengineering and biomedical engineering	64,169	NA
Chemical engineering	94,723	NA
Civil engineering	69,849	NA
Electrical, electronics, and communications engineering	228,272	NA
Industrial and manufacturing engineering	35,010	NA
Mechanical engineering	127,309	NA
Metallurgical and materials engineering	352,541	NA
Other engineering	2,847,348	NA
Other fields	4,547,461	4,628,503
Business management and business administration	46,480	NA
Communication and communications technologies	565	NA
Education research	358,474	NA
Humanities	24,507	NA
Law	5,618	NA
Social work	0	NA
Visual and performing arts	0	NA
All other fields	4,111,819	NA

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.