

Table 38. Federal obligations for experimental development, by detailed field of R&D: FYs 2024–25

(Dollars in thousands)

Field	2024	2025 (preliminary)
All fields	94,686,812	98,815,147
Computer and information sciences	4,477,044	4,325,848
Geosciences, atmospheric sciences, and ocean sciences	864,376	786,912
Atmospheric science and meteorology	165,211	NA
Geological and earth sciences	29,454	NA
Ocean sciences and marine sciences	70,985	NA
Other geosciences, atmospheric sciences, and ocean sciences	598,726	NA
Life sciences	7,026,368	5,179,147
Agricultural sciences	72,257	NA
Biological and biomedical sciences	2,907,419	NA
Health sciences	3,826,308	NA
Natural resources and conservation	65,587	NA
Other life sciences	154,797	NA
Mathematics and statistics	293,407	294,564
Physical sciences	4,407,422	4,558,532
Astronomy and astrophysics	584,338	NA
Chemistry	529,572	NA
Materials science	140,854	NA
Physics	1,000,079	NA
Other physical sciences	2,152,579	NA
Psychology	452,576	451,562
Biological aspects	1,040	NA
Social aspects	508	NA
Other psychological sciences	451,028	NA
Social sciences	219,962	194,221
Anthropology	0	NA
Economics	16,936	NA
Political science and government	27,154	NA
Sociology, demography, and population studies	30,984	NA
Other social sciences	144,889	NA
Engineering	53,501,688	58,526,141
Aerospace, aeronautical, and astronautical engineering	23,727,432	NA
Bioengineering and biomedical engineering	858,984	NA
Chemical engineering	658,114	NA
Civil engineering	655,144	NA
Electrical, electronics, and communications engineering	3,554,932	NA
Industrial and manufacturing engineering	1,300,333	NA
Mechanical engineering	929,574	NA
Metallurgical and materials engineering	1,114,820	NA
Other engineering	20,702,355	NA
Other fields	23,443,968	24,498,220
Business management and business administration	863,739	NA
Communication and communications technologies	346,067	NA
Education research	198,654	NA
Humanities	0	NA
Law	10,340	NA
Social work	6,914	NA
Visual and performing arts	26,330	NA
All other fields	21,991,925	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.