

TABLE 3-6

Primary mechanism of support for postdoctoral appointees in science, engineering, and health, by broad field: 2023

(Number and percent)

Broad field	Total	Fellowships		Research grants		Traineeships		Other types of support	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
All surveyed fields	65,850	6,073	9.2	40,789	61.9	3,378	5.1	15,610	23.7
Science	37,982	3,373	8.9	24,532	64.6	1,641	4.3	8,436	22.2
Agricultural and veterinary sciences	1,993	149	7.5	1,205	60.5	117	5.9	522	26.2
Biological and biomedical sciences	19,520	1,602	8.2	12,644	64.8	926	4.7	4,348	22.3
Computer and information sciences	987	82	8.3	673	68.2	21	2.1	211	21.4
Geosciences, atmospheric, and ocean sciences	1,919	191	10.0	1,313	68.4	36	1.9	379	19.7
Mathematics and statistics	1,220	150	12.3	455	37.3	93	7.6	522	42.8
Multidisciplinary and interdisciplinary sciences	988	102	10.3	594	60.1	38	3.8	254	25.7
Natural resources and conservation	937	59	6.3	657	70.1	19	2.0	202	21.6
Physical sciences	7,220	646	8.9	5,243	72.6	181	2.5	1,150	15.9
Psychology	1,344	116	8.6	806	60.0	112	8.3	310	23.1
Social sciences	1,854	276	14.9	942	50.8	98	5.3	538	29.0
Engineering	9,051	612	6.8	6,653	73.5	184	2.0	1,602	17.7
Aerospace, aeronautical, and astronautical engineering	254	22	8.7	173	68.1	1	0.4	58	22.8
Biological, biomedical, and biosystems engineering	1,594	115	7.2	1,108	69.5	67	4.2	304	19.1
Chemical, petroleum, and chemical-related engineering	1,501	119	7.9	1,108	73.8	18	1.2	256	17.1
Civil, environmental, transportation and related engineering fields	1,070	77	7.2	809	75.6	13	1.2	171	16.0
Electrical, electronics, communications and computer engineering	1,339	83	6.2	1,030	76.9	24	1.8	202	15.1
Industrial, manufacturing, systems engineering and operations research	170	15	8.8	110	64.7	4	2.4	41	24.1
Mechanical engineering	1,317	96	7.3	942	71.5	31	2.4	248	18.8
Metallurgical, mining, materials and related engineering fields	557	24	4.3	441	79.2	1	0.2	91	16.3
Other engineering	1,249	61	4.9	932	74.6	25	2.0	231	18.5
Health	18,817	2,088	11.1	9,604	51.0	1,553	8.3	5,572	29.6
Clinical medicine ^a	16,393	1,803	11.0	8,364	51.0	1,378	8.4	4,848	29.6
Other health	2,424	285	11.8	1,240	51.2	175	7.2	724	29.9

^a Clinical medicine includes postdoctoral appointees in medical clinical sciences, clinical and medical laboratory sciences, anesthesiology, cardiology, endocrinology, gastroenterology, hematology, neurology, obstetrics and gynecology, oncology and cancer research, ophthalmology, otorhinolaryngology, pediatrics, psychiatry, public health, pulmonary disease, radiological sciences, surgery, and clinical medicine not elsewhere classified.

Note(s):

For postdoctoral appointees, "field" refers to the field of the unit that reports information on this group to the Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS). Percentages may not add to total because of rounding. For more information on the mapping of GSS fields and codes, see technical table A-17.

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2023.