

TABLE 3-6

Primary mechanism of support for postdoctoral appointees in science, engineering, and health, by broad field: 2022

(Number and percent)

Broad field	Total	Fellowships		Research grants		Traineeships		Other types of support	
		Number	Percent	Number	Percent	Number	Percent	Other	
								Number	Percent
All surveyed fields	62,750	6,056	9.7	38,583	61.5	3,406	5.4	14,705	23.4
Science	36,673	3,372	9.2	23,734	64.7	1,555	4.2	8,012	21.8
Agricultural and veterinary sciences	1,705	91	5.3	1,070	62.8	82	4.8	462	27.1
Biological and biomedical sciences	19,585	1,674	8.5	12,673	64.7	969	4.9	4,269	21.8
Computer and information sciences	859	75	8.7	584	68.0	24	2.8	176	20.5
Geosciences, atmospheric sciences, and ocean sciences	1,787	189	10.6	1,236	69.2	15	0.8	347	19.4
Mathematics and statistics	1,110	140	12.6	453	40.8	82	7.4	435	39.2
Multidisciplinary and interdisciplinary sciences	840	89	10.6	532	63.3	39	4.6	180	21.4
Natural resources and conservation	936	75	8.0	641	68.5	18	1.9	202	21.6
Physical sciences	6,877	624	9.1	4,954	72.0	128	1.9	1,171	17.0
Psychology	1,308	126	9.6	775	59.3	112	8.6	295	22.6
Social sciences	1,666	289	17.3	816	49.0	86	5.2	475	28.5
Engineering	8,335	711	8.5	6,055	72.6	145	1.7	1,424	17.1
Aerospace, aeronautical, and astronautical engineering	244	29	11.9	151	61.9	2	0.8	62	25.4
Biological, biomedical, and biosystems engineering	1,540	142	9.2	1,075	69.8	67	4.4	256	16.6
Chemical, petroleum, and chemical-related engineering	1,239	131	10.6	897	72.4	21	1.7	190	15.3
Civil, environmental, transportation and related engineering fields	1,018	83	8.2	766	75.2	8	0.8	161	15.8
Electrical, electronics, communications and computer engineering	1,217	92	7.6	910	74.8	19	1.6	196	16.1
Industrial, manufacturing, systems engineering and operations research	143	14	9.8	92	64.3	1	0.7	36	25.2
Mechanical engineering	1,189	117	9.8	834	70.1	8	0.7	230	19.3
Metallurgical, mining, materials and related engineering fields	542	32	5.9	414	76.4	10	1.8	86	15.9
Other engineering	1,203	71	5.9	916	76.1	9	0.7	207	17.2
Health	17,742	1,973	11.1	8,794	49.6	1,706	9.6	5,269	29.7
Clinical medicine ^a	15,630	1,781	11.4	7,660	49.0	1,511	9.7	4,678	29.9
Other health	2,112	192	9.1	1,134	53.7	195	9.2	591	28.0

^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, 2022.