

TABLE 3-4

Detailed primary source of federal support for postdoctoral appointees in science, engineering, and health, by broad field: 2023

(Number and percent)

Broad field	Total	DOD		DOE		HHS: NIH		HHS: Other HHS		NASA		NSF		USDA		Other	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All surveyed fields	32,155	2,304	7.2	2,172	6.8	18,732	58.3	841	2.6	724	2.3	3,853	12.0	1,104	3.4	2,425	7.5
Science	18,913	1,031	5.5	1,399	7.4	9,948	52.6	424	2.2	617	3.3	2,925	15.5	997	5.3	1,572	8.3
Agricultural and veterinary sciences	853	19	2.2	22	2.6	194	22.7	5	0.6	5	0.6	71	8.3	451	52.9	86	10.1
Biological and biomedical sciences	10,520	331	3.1	167	1.6	7,905	75.1	257	2.4	30	0.3	851	8.1	351	3.3	628	6.0
Computer and information sciences	437	111	25.4	18	4.1	54	12.4	9	2.1	4	0.9	208	47.6	1	0.2	32	7.3
Geosciences, atmospheric, and ocean sciences	928	56	6.0	43	4.6	55	5.9	5	0.5	171	18.4	357	38.5	25	2.7	216	23.3
Mathematics and statistics	306	59	19.3	25	8.2	53	17.3	6	2.0	3	1.0	131	42.8	1	0.3	28	9.2
Multidisciplinary and interdisciplinary sciences	416	40	9.6	15	3.6	221	53.1	16	3.8	7	1.7	70	16.8	6	1.4	41	9.9
Natural resources and conservation	437	15	3.4	37	8.5	12	2.7	4	0.9	27	6.2	95	21.7	110	25.2	137	31.4
Physical sciences	3,924	364	9.3	1,061	27.0	860	21.9	72	1.8	357	9.1	930	23.7	5	0.1	275	7.0
Psychology	719	21	2.9	1	0.1	494	68.7	34	4.7	0	0.0	100	13.9	14	1.9	55	7.6
Social sciences	373	15	4.0	10	2.7	100	26.8	16	4.3	13	3.5	112	30.0	33	8.8	74	19.8
Engineering	4,431	980	22.1	752	17.0	1,083	24.4	93	2.1	100	2.3	870	19.6	93	2.1	460	10.4
Aerospace, aeronautical, and astronautical engineering	134	50	37.3	22	16.4	4	3.0	0	0.0	18	13.4	30	22.4	0	0.0	10	7.5
Biological, biomedical, and biosystems engineering	881	67	7.6	20	2.3	631	71.6	23	2.6	3	0.3	70	7.9	12	1.4	55	6.2
Chemical, petroleum, and chemical-related engineering	689	92	13.4	233	33.8	119	17.3	43	6.2	8	1.2	143	20.8	8	1.2	43	6.2
Civil, environmental, transportation and related engineering fields	447	81	18.1	73	16.3	25	5.6	5	1.1	14	3.1	117	26.2	17	3.8	115	25.7
Electrical, electronics, communications and computer engineering	693	255	36.8	74	10.7	102	14.7	7	1.0	16	2.3	181	26.1	2	0.3	56	8.1
Industrial, manufacturing, systems engineering and operations research	61	15	24.6	4	6.6	7	11.5	1	1.6	0	0.0	23	37.7	1	1.6	10	16.4
Mechanical engineering	655	196	29.9	118	18.0	97	14.8	6	0.9	27	4.1	140	21.4	3	0.5	68	10.4
Metallurgical, mining, materials and related engineering fields	277	85	30.7	82	29.6	10	3.6	2	0.7	5	1.8	62	22.4	6	2.2	25	9.0
Other engineering	594	139	23.4	126	21.2	88	14.8	6	1.0	9	1.5	104	17.5	44	7.4	78	13.1
Health	8,811	293	3.3	21	0.2	7,701	87.4	324	3.7	7	0.1	58	0.7	14	0.2	393	4.5
Clinical medicine ^a	7,678	248	3.2	18	0.2	6,788	88.4	238	3.1	7	0.1	49	0.6	2	*	328	4.3
Other health	1,133	45	4.0	3	0.3	913	80.6	86	7.6	0	0.0	9	0.8	12	1.1	65	5.7

* = value < 0.05%.

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NSF = National Science Foundation; USDA = Department of Agriculture.

^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.