

TABLE 3-4

Detailed primary source of federal support for postdoctoral appointees in science, engineering, and health, by broad field: 2022

(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	31,643	2,148	6.8	2,107	6.7	18,566	58.7	892	2.8	677	2.1	3,880	12.3	974	3.1	2,399	7.6
Science	18,955	960	5.1	1,395	7.4	10,089	53.2	503	2.7	581	3.1	3,005	15.9	884	4.7	1,538	8.1
Agricultural and veterinary sciences	809	16	2.0	42	5.2	204	25.2	9	1.1	6	0.7	66	8.2	404	49.9	62	7.7
Biological and biomedical sciences	10,900	294	2.7	204	1.9	8,253	75.7	297	2.7	35	0.3	865	7.9	312	2.9	640	5.9
Computer and information sciences	385	101	26.2	14	3.6	43	11.2	9	2.3	2	0.5	173	44.9	6	1.6	37	9.6
Geosciences, atmospheric sciences, and ocean sciences	903	81	9.0	42	4.7	24	2.7	8	0.9	153	16.9	369	40.9	26	2.9	200	22.1
Mathematics and statistics	310	57	18.4	21	6.8	51	16.5	4	1.3	4	1.3	148	47.7	3	1.0	22	7.1
Multidisciplinary and interdisciplinary sciences	366	38	10.4	18	4.9	186	50.8	11	3.0	4	1.1	77	21.0	10	2.7	22	6.0
Natural resources and conservation	447	17	3.8	30	6.7	11	2.5	7	1.6	22	4.9	114	25.5	80	17.9	166	37.1
Physical sciences	3,797	321	8.5	1,016	26.8	766	20.2	98	2.6	328	8.6	989	26.0	8	0.2	271	7.1
Psychology	697	18	2.6	1	0.1	478	68.6	35	5.0	1	0.1	94	13.5	8	1.1	62	8.9
Social sciences	341	17	5.0	7	2.1	73	21.4	25	7.3	26	7.6	110	32.3	27	7.9	56	16.4
Engineering	4,169	903	21.7	703	16.9	1,036	24.9	76	1.8	92	2.2	821	19.7	81	1.9	457	11.0
Aerospace, aeronautical, and astronautical engineering	124	54	43.5	18	14.5	6	4.8	0	0.0	15	12.1	21	16.9	0	0.0	10	8.1
Biological, biomedical, and biosystems engineering	881	71	8.1	17	1.9	640	72.6	20	2.3	2	0.2	62	7.0	8	0.9	61	6.9
Chemical, petroleum, and chemical-related engineering	577	74	12.8	186	32.2	105	18.2	15	2.6	4	0.7	144	25.0	6	1.0	43	7.5
Civil, environmental, transportation and related engineering fields	414	67	16.2	70	16.9	19	4.6	5	1.2	17	4.1	117	28.3	11	2.7	108	26.1
Electrical, electronics, communications and computer engineering	653	249	38.1	81	12.4	82	12.6	10	1.5	10	1.5	163	25.0	6	0.9	52	8.0
Industrial, manufacturing, systems engineering and operations research	53	20	37.7	10	18.9	3	5.7	1	1.9	0	0.0	15	28.3	0	0.0	4	7.5
Mechanical engineering	595	158	26.6	110	18.5	97	16.3	7	1.2	25	4.2	127	21.3	6	1.0	65	10.9
Metallurgical, mining, materials and related engineering fields	283	86	30.4	81	28.6	12	4.2	5	1.8	5	1.8	58	20.5	5	1.8	31	11.0
Other engineering	589	124	21.1	130	22.1	72	12.2	13	2.2	14	2.4	114	19.4	39	6.6	83	14.1
Health	8,519	285	3.3	9	0.1	7,441	87.3	313	3.7	4	*	54	0.6	9	0.1	404	4.7
Clinical medicine ^a	7,521	240	3.2	8	0.1	6,639	88.3	260	3.5	3	*	36	0.5	4	0.1	331	4.4
Other health	998	45	4.5	1	0.1	802	80.4	53	5.3	1	0.1	18	1.8	5	0.5	73	7.3

* = 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, 2022.