TABLE 3-4

Detailed primary source of federal support for postdoctoral appointees in science, engineering, and health, by broad field: 2020

(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	33,374	2,369	7.1	2,163	6.5	20,096	60.2	916	2.7	696	2.1	3,599	10.8	856	2.6	2,679	8.0
Science	20,150	1,122	5.6	1,424	7.1	11,128	55.2	562	2.8	577	2.9	2,801	13.9	791	3.9	1,745	8.7
Agricultural and veterinary sciences	721	32	4.4	19	2.6	217	30.1	17	2.4	3	0.4	61	8.5	319	44.2	53	7.4
Biological and biomedical sciences	12,084	382	3.2	221	1.8	9,191	76.1	349	2.9	47	0.4	786	6.5	302	2.5	806	6.7
Computer and information sciences	407	155	38.1	13	3.2	30	7.4	3	0.7	4	1.0	157	38.6	4	1.0	41	10.1
Geosciences, atmospheric sciences, and ocean sciences	927	54	5.8	72	7.8	26	2.8	11	1.2	160	17.3	325	35.1	26	2.8	253	27.3
Mathematics and statistics	319	54	16.9	27	8.5	61	19.1	3	0.9	1	0.3	155	48.6	0	0.0	18	5.6
Multidisciplinary and interdisciplinary studies	328	27	8.2	11	3.4	171	52.1	13	4.0	9	2.7	63	19.2	7	2.1	27	8.2
Natural resources and conservation	397	9	2.3	28	7.1	12	3.0	15	3.8	17	4.3	95	23.9	96	24.2	125	31.5
Physical sciences	3,936	379	9.6	1,030	26.2	856	21.7	109	2.8	314	8.0	956	24.3	12	0.3	280	7.1
Psychology	705	23	3.3	1	0.1	474	67.2	31	4.4	1	0.1	96	13.6	5	0.7	74	10.5
Social sciences	326	7	2.1	2	0.6	90	27.6	11	3.4	21	6.4	107	32.8	20	6.1	68	20.9
Engineering	4,234	968	22.9	731	17.3	1,091	25.8	76	1.8	110	2.6	749	17.7	57	1.3	452	10.7
Aerospace, aeronautical, and astronautical engineering	117	54	46.2	12	10.3	4	3.4	1	0.9	19	16.2	13	11.1	0	0.0	14	12.0
Biological, biomedical, and biosystems engineering	976	92	9.4	20	2.0	693	71.0	33	3.4	6	0.6	66	6.8	6	0.6	60	6.1
Chemical, petroleum, and chemical-related engineering	519	78	15.0	160	30.8	104	20.0	17	3.3	6	1.2	94	18.1	5	1.0	55	10.6
Civil, environmental, transportation and related engineering fields	377	57	15.1	76	20.2	14	3.7	0	0.0	19	5.0	108	28.6	9	2.4	94	24.9
Electrical, electronics, communications and computer engineering	739	306	41.4	80	10.8	86	11.6	4	0.5	12	1.6	174	23.5	2	0.3	75	10.1
Industrial, manufacturing, systems engineering and operations research	65	18	27.7	14	21.5	8	12.3	2	3.1	3	4.6	15	23.1	2	3.1	3	4.6
Mechanical engineering	575	146	25.4	118	20.5	107	18.6	5	0.9	27	4.7	111	19.3	2	0.3	59	10.3
Metallurgical, mining, materials and related engineering fields	328	88	26.8	105	32.0	11	3.4	4	1.2	6	1.8	78	23.8	0	0.0	36	11.0
Other engineering	538	129	24.0	146	27.1	64	11.9	10	1.9	12	2.2	90	16.7	31	5.8	56	10.4
Health	8,990	279	3.1	8	0.1	7,877	87.6	278	3.1	9	0.1	49	0.5	8	0.1	482	5.4
Clinical medicine[a]	7,936	245	3.1	7	0.1	7,024	88.5	206	2.6	6	0.1	40	0.5	3	*	405	5.1
Other health	1,054	34	3.2	1	0.1	853	80.9	72	6.8	3	0.3	9	0.9	5	0.5	77	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 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):
"Field" refers to the field of the unit that reports postdoctoral appointees 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, 2020.