Table 3-5. Primary mechanism of support for full-time graduate students in science, engineering, and health, by broad field: 2025

(Number and percent)

Broad field	Total	Fellowships		Research assistantships		Teaching assistantships		Traineeships		Other types of support			
										Self-support		Other	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All graduate students	573,138	47,867	8.4	135,102	23.6	88,615	15.5	11,157	1.9	231,574	40.4	58,823	10.3
Science	393,290	35,408	9.0	84,160	21.4	70,219	17.9	8,605	2.2	156,185	39.7	38,713	9.8
Agricultural and veterinary sciences	8,616	426	4.9	5,164	59.9	944	11.0	29	0.3	1,494	17.3	559	6.5
Biological and biomedical sciences	90,706	11,574	12.8	29,831	32.9	11,275	12.4	5,068	5.6	23,941	26.4	9,017	9.9
Computer and information sciences	84,616	3,698	4.4	11,236	13.3	8,989	10.6	611	0.7	50,826	60.1	9,256	10.9
Geosciences, atmospheric, and ocean sciences	9,719	971	10.0	4,263	43.9	2,526	26.0	96	1.0	1,262	13.0	601	6.2
Mathematics and statistics	26,130	1,844	7.1	2,501	9.6	9,401	36.0	180	0.7	10,292	39.4	1,912	7.3
Multidisciplinary and interdisciplinary sciences	19,984	1,620	8.1	1,917	9.6	1,883	9.4	193	1.0	11,752	58.8	2,619	13.1
Natural resources and conservation	8,930	870	9.7	2,902	32.5	1,347	15.1	114	1.3	2,600	29.1	1,097	12.3
Physical sciences	40,852	4,528	11.1	16,079	39.4	14,600	35.7	564	1.4	3,074	7.5	2,007	4.9
Psychology	50,138	2,179	4.3	4,576	9.1	6,378	12.7	732	1.5	30,589	61.0	5,684	11.3
Social sciences	53,599	7,698	14.4	5,691	10.6	12,876	24.0	1,018	1.9	20,355	38.0	5,961	11.1
Engineering	127,374	10,513	8.3	45,587	35.8	14,675	11.5	1,447	1.1	43,264	34.0	11,888	9.3
Aerospace, aeronautical, and astronautical engineering	6,082	436	7.2	2,235	36.7	858	14.1	54	0.9	1,802	29.6	697	11.5
Biological, biomedical, and biosystems engineering	14,001	2,010	14.4	5,485	39.2	1,113	7.9	490	3.5	3,380	24.1	1,523	10.9
Chemical, petroleum, and chemical-related engineering	9,349	1,250	13.4	5,170	55.3	991	10.6	79	0.8	1,417	15.2	442	4.7
Civil, environmental, transportation and related engineering fields	13,581	1,048	7.7	5,250	38.7	1,824	13.4	94	0.7	4,154	30.6	1,211	8.9
Electrical, electronics, communications and computer engineering	34,836	2,151	6.2	10,095	29.0	4,043	11.6	210	0.6	15,011	43.1	3,326	9.5
Industrial, manufacturing, systems engineering and operations research	8,600	465	5.4	1,572	18.3	1,030	12.0	64	0.7	4,329	50.3	1,140	13.3
Mechanical engineering	20,535	1,452	7.1	7,540	36.7	3,092	15.1	180	0.9	6,364	31.0	1,907	9.3
Metallurgical, mining, materials and related engineering fields	6,245	717	11.5	3,315	53.1	539	8.6	61	1.0	1,224	19.6	389	6.2
Other engineering	14,145	984	7.0	4,925	34.8	1,185	8.4	215	1.5	5,583	39.5	1,253	8.9
Health	52,474	1,946	3.7	5,355	10.2	3,721	7.1	1,105	2.1	32,125	61.2	8,222	15.7
Clinical medicine[a]	19,078	912	4.8	1,867	9.8	1,023	5.4	553	2.9	11,121	58.3	3,602	18.9
Other health	33,396	1,034	3.1	3,488	10.4	2,698	8.1	552	1.7	21,004	62.9	4,620	13.8
Master's students	296,301	8,442	2.8	21,125	7.1	20,563	6.9	2,289	0.8	205,063	69.2	38,819	13.1
Science	197,468	5,826	3.0	13,172	6.7	14,680	7.4	1,276	0.6	137,853	69.8	24,661	12.5
Agricultural and veterinary sciences	4,277	115	2.7	2,111	49.4	408	9.5	8	0.2	1,238	28.9	397	9.3
Biological and biomedical sciences	32,213	1,179	3.7	2,592	8.0	2,852	8.9	195	0.6	21,681	67.3	3,714	11.5
Computer and information sciences	63,089	1,126	1.8	2,185	3.5	3,205	5.1	284	0.5	48,372	76.7	7,917	12.5
Geosciences, atmospheric, and ocean sciences	3,487	132	3.8	1,125	32.3	1,050	30.1	13	0.4	932	26.7	235	6.7
Mathematics and statistics	12,953	226	1.7	336	2.6	1,513	11.7	47	0.4	9,461	73.0	1,370	10.6
Multidisciplinary and interdisciplinary sciences	15,292	515	3.4	497	3.3	726	4.7	115	0.8	11,273	73.7	2,166	14.2
Natural resources and conservation	5,440	370	6.8	1,261	23.2	636	11.7	81	1.5	2,210	40.6	882	16.2
Physical sciences	3,675	72	2.0	512	13.9	817	22.2	41	1.1	1,761	47.9	472	12.8
Psychology	30,596	463	1.5	995	3.3	1,064	3.5	212	0.7	24,203	79.1	3,659	12.0

Table 3-5. Primary mechanism of support for full-time graduate students in science, engineering, and health, by broad field: 2025

(Number and percent)

Broad field	Total	Fellowships		Research assistantships		Teaching assistantships		Traineeships		Other types of support			
										Self-support		Other	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Social sciences	26,446	1,628	6.2	1,558	5.9	2,409	9.1	280	1.1	16,722	63.2	3,849	14.6
Engineering	59,083	1,661	2.8	6,232	10.5	4,175	7.1	511	0.9	38,782	65.6	7,722	13.1
Aerospace, aeronautical, and astronautical engineering	3,264	93	2.8	609	18.7	397	12.2	41	1.3	1,581	48.4	543	16.6
Biological, biomedical, and biosystems engineering	4,424	133	3.0	321	7.3	350	7.9	43	1.0	2,985	67.5	592	13.4
Chemical, petroleum, and chemical-related engineering	1,788	84	4.7	223	12.5	127	7.1	15	0.8	1,131	63.3	208	11.6
Civil, environmental, transportation and related engineering fields	6,711	346	5.2	1,164	17.3	645	9.6	32	0.5	3,630	54.1	894	13.3
Electrical, electronics, communications and computer engineering	19,167	350	1.8	1,258	6.6	1,270	6.6	68	0.4	13,894	72.5	2,327	12.1
Industrial, manufacturing, systems engineering and operations research	5,354	96	1.8	249	4.7	183	3.4	43	0.8	3,872	72.3	911	17.0
Mechanical engineering	9,616	244	2.5	1,407	14.6	830	8.6	92	1.0	5,685	59.1	1,358	14.1
Metallurgical, mining, materials and related engineering fields	1,650	89	5.4	348	21.1	90	5.5	5	0.3	970	58.8	148	9.0
Other engineering	7,109	226	3.2	653	9.2	283	4.0	172	2.4	5,034	70.8	741	10.4
Health	39,750	955	2.4	1,721	4.3	1,708	4.3	502	1.3	28,428	71.5	6,436	16.2
Clinical medicine[a]	15,176	600	4.0	643	4.2	444	2.9	292	1.9	10,272	67.7	2,925	19.3
Other health	24,574	355	1.4	1,078	4.4	1,264	5.1	210	0.9	18,156	73.9	3,511	14.3
Doctoral students	276,837	39,425	14.2	113,977	41.2	68,052	24.6	8,868	3.2	26,511	9.6	20,004	7.2
Science	195,822	29,582	15.1	70,988	36.3	55,539	28.4	7,329	3.7	18,332	9.4	14,052	7.2
Agricultural and veterinary sciences	4,339	311	7.2	3,053	70.4	536	12.4	21	0.5	256	5.9	162	3.7
Biological and biomedical sciences	58,493	10,395	17.8	27,239	46.6	8,423	14.4	4,873	8.3	2,260	3.9	5,303	9.1
Computer and information sciences	21,527	2,572	11.9	9,051	42.0	5,784	26.9	327	1.5	2,454	11.4	1,339	6.2
Geosciences, atmospheric, and ocean sciences	6,232	839	13.5	3,138	50.4	1,476	23.7	83	1.3	330	5.3	366	5.9
Mathematics and statistics	13,177	1,618	12.3	2,165	16.4	7,888	59.9	133	1.0	831	6.3	542	4.1
Multidisciplinary and interdisciplinary sciences	4,692	1,105	23.6	1,420	30.3	1,157	24.7	78	1.7	479	10.2	453	9.7
Natural resources and conservation	3,490	500	14.3	1,641	47.0	711	20.4	33	0.9	390	11.2	215	6.2
Physical sciences	37,177	4,456	12.0	15,567	41.9	13,783	37.1	523	1.4	1,313	3.5	1,535	4.1
Psychology	19,542	1,716	8.8	3,581	18.3	5,314	27.2	520	2.7	6,386	32.7	2,025	10.4
Social sciences	27,153	6,070	22.4	4,133	15.2	10,467	38.5	738	2.7	3,633	13.4	2,112	7.8
Engineering	68,291	8,852	13.0	39,355	57.6	10,500	15.4	936	1.4	4,482	6.6	4,166	6.1
Aerospace, aeronautical, and astronautical engineering	2,818	343	12.2	1,626	57.7	461	16.4	13	0.5	221	7.8	154	5.5
Biological, biomedical, and biosystems engineering	9,577	1,877	19.6	5,164	53.9	763	8.0	447	4.7	395	4.1	931	9.7
Chemical, petroleum, and chemical-related engineering	7,561	1,166	15.4	4,947	65.4	864	11.4	64	0.8	286	3.8	234	3.1
Civil, environmental, transportation and related engineering fields	6,870	702	10.2	4,086	59.5	1,179	17.2	62	0.9	524	7.6	317	4.6
Electrical, electronics, communications and computer engineering	15,669	1,801	11.5	8,837	56.4	2,773	17.7	142	0.9	1,117	7.1	999	6.4
Industrial, manufacturing, systems engineering and operations research	3,246	369	11.4	1,323	40.8	847	26.1	21	0.6	457	14.1	229	7.1
Mechanical engineering	10,919	1,208	11.1	6,133	56.2	2,262	20.7	88	0.8	679	6.2	549	5.0
Metallurgical, mining, materials and related engineering fields	4,595	628	13.7	2,967	64.6	449	9.8	56	1.2	254	5.5	241	5.2
Other engineering	7,036	758	10.8	4,272	60.7	902	12.8	43	0.6	549	7.8	512	7.3

Table 3-5. Primary mechanism of support for full-time graduate students in science, engineering, and health, by broad field: 2025

(Number and percent)

Broad field	Total	Fellowships		Research assistantships		Teaching assistantships		Traineeships		Other types of support			
										Self-support		Other	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Health	12,724	991	7.8	3,634	28.6	2,013	15.8	603	4.7	3,697	29.1	1,786	14.0
Clinical medicine[a]	3,902	312	8.0	1,224	31.4	579	14.8	261	6.7	849	21.8	677	17.4
Other health	8,822	679	7.7	2,410	27.3	1,434	16.3	342	3.9	2,848	32.3	1,109	12.6

[a] Clinical medicine includes graduate students in public health, in medical clinical sciences and clinical and medical laboratory sciences, and in clinical medicine not elsewhere classified.

Note(s):
Percentages may not add to total because of rounding. For more information on the mapping of Survey of Graduate Students and Postdoctorates in Science and Engineering fields and codes, see table A-6. Graduate student data in this table include master's students in health sciences. For more information on the comparability of these counts to other data published by the National Center for Science and Engineering Statistics, see the "Technical Notes."

Source(s):
National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2025.