

TABLE 5-1

**Graduate students, postdoctoral appointees, and doctorate-holding nonfaculty researchers in science, engineering, and health broad fields, by institutional control: 2021**

(Number and percent)

Broad field	Graduate students						Postdoctoral appointees		Doctorate-holding nonfaculty researchers	
	All graduate students		Master's		Doctoral		Total number	Percent in public institutions	Total number	Percent in public institutions
	Total number	Percent in public institutions	Total number	Percent in public institutions	Total number	Percent in public institutions				
All broad fields	760,156	66.6	466,613	64.1	293,543	70.4	63,328	52.8	30,548	66.5
Science	509,784	64.8	305,796	61.7	203,988	69.4	37,189	55.2	18,728	66.6
Agricultural and veterinary sciences	11,244	94.5	6,801	94.1	4,443	95.0	1,595	87.9	902	88.2
Biological and biomedical sciences	100,883	62.5	42,728	59.1	58,155	64.9	20,245	48.1	8,187	58.1
Computer and information sciences	121,730	68.1	102,199	67.9	19,531	69.0	880	55.3	457	76.8
Geosciences, atmospheric sciences, and ocean sciences	12,290	83.5	5,520	88.5	6,770	79.4	1,797	68.6	2,308	83.9
Mathematics and statistics	34,258	62.8	20,639	54.5	13,619	75.5	1,112	63.6	235	82.1
Multidisciplinary and interdisciplinary studies	15,768	64.4	11,994	63.1	3,774	68.5	878	63.2	816	64.6
Natural resources and conservation	13,922	82.8	10,012	80.4	3,910	89.1	889	83.8	620	87.6
Physical sciences	44,141	72.6	6,409	73.0	37,732	72.6	6,823	60.1	2,895	65.8
Psychology	73,325	50.9	51,878	45.1	21,447	65.1	1,325	56.1	803	71.5
Social sciences	82,223	61.9	47,616	58.6	34,607	66.5	1,645	50.2	1,505	59.5
Engineering	168,050	70.5	95,126	68.7	72,924	72.9	8,340	60.1	3,992	75.2
Aerospace, aeronautical, and astronautical engineering	7,838	75.5	5,065	72.5	2,773	81.1	277	59.6	144	85.4
Biological, biomedical, and biosystems engineering	14,059	59.4	5,192	59.7	8,867	59.2	1,616	42.8	589	56.0
Chemical, petroleum, and chemical-related engineering	10,696	69.8	2,983	67.1	7,713	70.8	1,167	58.4	307	72.6
Civil, environmental, transportation and related engineering fields	19,608	78.3	11,730	77.4	7,878	79.7	968	70.7	479	83.7
Electrical, electronics, communications and computer engineering	45,265	67.5	27,695	63.5	17,570	73.7	1,275	62.3	755	75.0

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Industrial, manufacturing, systems engineering and operations research	15,870	64.0	11,949	59.3	3,921	78.4	127	63.0	107	64.5
Mechanical engineering	27,258	71.3	15,718	70.2	11,540	72.9	1,200	63.9	529	81.9
Metallurgical, mining, materials and related engineering fields	7,422	78.0	2,518	77.8	4,904	78.1	562	63.3	259	83.8
Other engineering	20,034	77.1	12,276	79.8	7,758	72.9	1,148	69.3	823	77.9
Health	82,322	69.5	65,691	68.7	16,631	72.5	17,799	44.5	7,828	61.6
Clinical medicine <sup>a</sup>	39,633	63.4	34,021	62.3	5,612	69.7	15,561	39.0	6,751	57.8
Other health	42,689	75.2	31,670	75.7	11,019	74.0	2,238	82.4	1,077	85.3

<sup>a</sup> Clinical medicine includes graduate students in public health and in medical clinical sciences and clinical and medical laboratory sciences. Clinical medicine includes postdoctoral appointees and nonfaculty researchers 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 and doctorate-holding nonfaculty researchers 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, 2021.