

TABLE 5-1

**Graduate students, postdoctoral appointees, and doctorate-holding nonfaculty researchers in science, engineering, and health fields, by institutional control: 2019**

(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	690,117	67.0	408,228	64.2	281,889	71.1	66,247	52.9	30,349	65.4
Science	453,691	65.3	259,795	61.8	193,896	70.1	38,503	54.7	18,819	65.9
Agricultural sciences	9,518	95.1	5,629	95.2	3,889	94.9	1,079	94.1	645	94.1
Biological and biomedical sciences	91,993	62.4	38,078	59.1	53,915	64.8	21,847	48.3	8,229	58.0
Computer and information sciences	101,284	66.2	84,092	64.8	17,192	73.0	878	50.5	510	74.5
Geosciences, atmospheric sciences, and ocean sciences	11,878	83.9	5,327	90.6	6,551	78.5	1,778	68.6	2,177	86.1
Mathematics and statistics	33,159	66.8	19,594	60.2	13,565	76.4	1,070	65.7	305	61.3
Multidisciplinary and interdisciplinary studies	11,181	69.5	8,203	69.4	2,978	69.9	972	58.2	820	68.7
Natural resources and conservation	11,743	84.6	8,066	82.8	3,677	88.7	806	85.4	582	87.5
Physical sciences	42,867	72.7	6,361	73.5	36,506	72.5	7,159	60.0	3,316	62.9
Psychology	61,069	52.3	40,838	45.2	20,231	66.6	1,152	56.5	576	68.2
Social sciences	78,999	63.2	43,607	59.6	35,392	67.5	1,762	54.0	1,659	62.7
Engineering	164,004	70.4	91,939	68.5	72,065	72.9	8,266	59.4	3,909	72.2
Health	72,422	69.9	56,494	68.1	15,928	76.2	19,478	46.3	7,621	60.5
Clinical medicine <sup>a</sup>	30,822	62.8	26,251	60.9	4,571	73.8	16,650	39.9	6,273	55.8
Other health	41,600	75.2	30,243	74.4	11,357	77.2	2,828	84.0	1,348	82.4

<sup>a</sup> Clinical medicine includes graduate students in public health and clinical medicine not elsewhere classified (nec). 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, radiology, surgery, and clinical medicine nec.

**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. Percentages may not add to total because of rounding.

**Source(s):**

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2019.