Appendix table 2-5

Full-time S&E graduate students, by field and mechanism of primary support: 2009 (corrected September 2012)

	All mechanisms		Research assistantship		Fellowship		Traineeship		Teaching assistantship		Other		Self-support[a]	
Field	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
S&E	441,743	100.0	120,008	27.2	38,115	8.6	12,799	2.9	78,317	17.7	29,791	6.7	162,713	36.8
Engineering	98,824	100.0	39,602	40.1	7,777	7.9	885	0.9	12,228	12.4	5,344	5.4	32,988	33.4
Aerospace	3,974	100.0	1,708	43.0	319	8.0	36	0.9	503	12.7	283	7.1	1,125	28.3
Chemical	7,110	100.0	4,071	57.3	834	11.7	90	1.3	849	11.9	249	3.5	1,017	14.3
Civil	13,503	100.0	4,917	36.4	952	7.1	103	0.8	1,791	13.3	776	5.7	4,964	36.8
Electrical	29,282	100.0	10,513	35.9	1,617	5.5	43	0.1	3,814	13.0	1,473	5.0	11,822	40.4
Industrial	8,362	100.0	1,771	21.2	433	5.2	45	0.5	1,017	12.2	794	9.5	4,302	51.4
Materials	5,181	100.0	3,119	60.2	498	9.6	31	0.6	438	8.5	202	3.9	893	17.2
Mechanical	15,609	100.0	6,266	40.1	1,319	8.5	132	0.8	2,464	15.8	783	5.0	4,645	29.8
Other	15,803	100.0	7,237	45.8	1,805	11.4	405	2.6	1,352	8.6	784	5.0	4,220	26.7
Science[b]	342,919	100.0	80,406	23.4	30,338	8.8	11,914	3.5	66,089	19.3	24,447	7.1	129,725	37.8
Natural sciences	227,020	100.0	65,903	29.0	18,113	8.0	10,007	4.4	43,881	19.3	14,958	6.6	74,158	32.7
Agricultural sciences	10,823	100.0	5,543	51.2	721	6.7	31	0.3	1,406	13.0	520	4.8	2,602	24.0
Biological sciences[c]	63,727	100.0	24,940	39.1	6,980	11.0	6,322	9.9	9,883	15.5	4,031	6.3	11,571	18.2
Earth, atmospheric, and ocean sciences	11,589	100.0	4,679	40.4	1,259	10.9	68	0.6	2,735	23.6	468	4.0	2,380	20.5
Atmospheric sciences	1,132	100.0	692	61.1	42	3.7	6	0.5	208	18.4	33	2.9	151	13.3
Earth sciences	5,825	100.0	2,195	37.7	662	11.4	28	0.5	1,800	30.9	205	3.5	935	16.1
Oceanography	2,197	100.0	1,158	52.7	243	11.1	6	0.3	361	16.4	77	3.5	352	16.0
Other geosciences	2,435	100.0	634	26.0	312	12.8	28	1.1	366	15.0	153	6.3	942	38.7
Mathematics/computer sciences	49,083	100.0	9,523	19.4	3,598	7.3	313	0.6	13,386	27.3	3,005	6.1	19,258	39.2
Computer sciences	32,198	100.0	7,556	23.5	1,887	5.9	174	0.5	4,735	14.7	2,366	7.3	15,480	48.1
Mathematics/statistics	16,885	100.0	1,967	11.6	1,711	10.1	139	0.8	8,651	51.2	639	3.8	3,778	22.4
Medical/other life sciences	57,617	100.0	6,762	11.7	2,659	4.6	2,841	4.9	3,543	6.1	6,049	10.5	35,763	62.1
Medical sciences	23,108	100.0	4,414	19.1	1,387	6.0	1,356	5.9	1,606	6.9	2,459	10.6	11,886	51.4
Other life sciences	34,509	100.0	2,348	6.8	1,272	3.7	1,485	4.3	1,937	5.6	3,590	10.4	23,877	69.2
Physical sciences	34,181	100.0	14,456	42.3	2,896	8.5	432	1.3	12,928	37.8	885	2.6	2,584	7.6
Astronomy	1,348	100.0	743	55.1	244	18.1	5	0.4	278	20.6	26	1.9	52	3.9
Chemistry	19,682	100.0	7,780	39.5	1,532	7.8	284	1.4	8,063	41.0	530	2.7	1,493	7.6
Physics	12,771	100.0	5,816	45.5	1,087	8.5	133	1.0	4,530	35.5	292	2.3	913	7.1
Other physical sciences	380	100.0	117	30.8	33	8.7	10	2.6	57	15.0	37	9.7	126	33.2
Social/behavioral sciences	111,942	100.0	13,863	12.4	11,599	10.4	1,862	1.7	21,713	19.4	9,112	8.1	53,793	48.1
Psychology	40,373	100.0	5,701	14.1	2,044	5.1	1,072	2.7	6,649	16.5	3,489	8.6	21,418	53.1
Social sciences	71,569	100.0	8,162	11.4	9,555	13.4	790	1.1	15,064	21.0	5,623	7.9	32,375	45.2
Anthropology	6,462	100.0	651	10.1	1,333	20.6	64	1.0	1,891	29.3	436	6.7	2,087	32.3
Economics	13,329	100.0	2,162	16.2	1,833	13.8	101	0.8	3,716	27.9	979	7.3	4,538	34.0
History of science	653	100.0	25	3.8	175	26.8	2	0.3	239	36.6	50	7.7	162	24.8
Linguistics	2,386	100.0	302	12.7	440	18.4	21	0.9	726	30.4	149	6.2	748	31.3
Political science/public administration	25,970	100.0	1,981	7.6	3,070	11.8	325	1.3	3,267	12.6	2,331	9.0	14,996	57.7

Appendix table 2-5

Full-time S&E graduate students, by field and mechanism of primary support: 2009 (corrected September 2012)

	All mechanisms		Research assistantship		Fellowship		Traineeship		Teaching assistantship		Other		Self-support[a]	
Field	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Sociology	7,307	100.0	1,058	14.5	1,037	14.2	177	2.4	2,526	34.6	481	6.6	2,028	27.8
Other social sciences	15,462	100.0	1,983	12.8	1,667	10.8	100	0.6	2,699	17.5	1,197	7.7	7,816	50.5
Multidisciplinary/Interdisciplinary fields	3,957	100.0	640	16.2	626	15.8	45	1.1	495	12.5	377	9.5	1,774	44.8

[a]Includes any loans (including federal) and support from personal or family financial contributions.
[b]Includes natural sciences, social/behavioral sciences, and multidisciplinary/interdisciplinary studies.
[c]Includes neuroscience.

NOTES: Percentages may not add to 100% because of rounding. S&E excludes fields that were collected in this survey (architecture, communication, and family and consumer sciences/human sciences) that are not included in other tables in this report and from other data sources.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, Integrated Science and Engineering Resources Data System (WebCASPAR), http://webcaspar.nsf.gov.

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