

TABLE A-5. Imputation for nonresponse in doctorate-granting institutions, by field and graduate enrollment or postdoctoral status: 2007–09

Year and field	Organizational units in universe	Total in survey			Number imputed			Imputation rate (%)		
		Full-time student	Part-time student	Post- doctorate	Full-time student	Part-time student	Post- doctorate	Full-time student	Part-time student	Post- doctorate
Fall 2009, all fields	11,865	428,856	145,027	57,714	5,209	2,396	1,066	1.2	1.7	1.8
Agricultural sciences	453	10,246	3,864	1,080	0	0	11	0.0	0.0	1.0
Biological sciences	2,227	59,235	9,345	20,125	628	164	307	1.1	1.8	1.5
Communication ^a	156	5,429	2,522	38	23	2	0	0.4	0.1	0.0
Computer sciences	422	29,669	15,924	591	695	465	18	2.3	2.9	3.0
Earth, atmospheric, and ocean sciences	388	11,211	2,731	1,420	177	108	34	1.6	4.0	2.4
Family and consumer sciences/human sciences ^a	81	1,903	1,181	22	0	0	0	0.0	0.0	0.0
Mathematical sciences	450	16,328	4,199	737	10	17	2	0.1	0.4	0.3
Multidisciplinary/interdisciplinary studies ^a	226	3,420	2,091	458	0	0	0	0.0	0.0	0.0
Neuroscience ^a	84	2,261	55	642	0	0	0	0.0	0.0	0.0
Physical sciences	640	33,671	3,427	7,424	53	28	106	0.2	0.8	1.4
Psychology	662	34,585	11,979	1,209	358	109	121	1.0	0.9	10.0
Social sciences	1,646	67,116	28,109	560	1,255	304	3	1.9	1.1	0.5
Engineering	1,756	101,495	35,227	6,411	1,358	582	121	1.3	1.7	1.9
Health fields ^a	2,674	52,287	24,373	16,997	652	617	343	1.2	2.5	2.0
Fall 2008, all fields	11,773	422,287	151,954	54,087	4,434	2,034	1,560	1.0	1.3	2.9
Agricultural sciences	438	9,564	3,535	1,146	11	7	22	0.1	0.2	1.9
Biological sciences	2,175	58,501	9,698	19,794	450	88	826	0.8	0.9	4.2
Communication ^a	142	4,642	2,388	32	0	0	0	0.0	0.0	0.0
Computer sciences	417	28,850	15,321	490	633	409	10	2.2	2.7	2.0
Earth, atmospheric, and ocean sciences	387	10,874	2,789	1,335	177	73	30	1.6	2.6	2.2
Family and consumer sciences/human sciences ^a	71	1,754	1,253	19	0	0	0	0.0	0.0	0.0
Mathematical sciences	447	15,636	4,086	723	9	5	5	0.1	0.1	0.7
Multidisciplinary/interdisciplinary studies ^a	191	2,818	1,868	348	0	0	0	0.0	0.0	0.0
Neuroscience ^a	63	1,908	72	343	0	0	14	0.0	0.0	4.1
Physical sciences	627	32,747	3,573	6,872	65	13	135	0.2	0.4	2.0
Psychology	685	35,866	12,561	1,070	648	235	141	1.8	1.9	13.2
Social sciences	1,629	64,107	27,577	506	273	64	11	0.4	0.2	2.2
Engineering	1,736	95,077	35,646	5,457	1,229	915	76	1.3	2.6	1.4
Health fields ^a	2,765	59,943	31,587	15,952	939	225	290	1.6	0.7	1.8
Fall 2007new, all fields	11,210	409,421	151,931	50,785	7,762	3,534	2,796	1.9	2.3	5.5
Agricultural sciences	393	9,276	3,272	985	168	114	1	1.8	3.5	0.1
Biological sciences	2,092	58,327	9,180	19,095	1,335	272	532	2.3	3.0	2.8
Communication ^a	119	4,049	1,977	30	0	1	0	0.0	0.1	0.0
Computer sciences	401	27,874	15,681	453	502	194	2	1.8	1.2	0.4
Earth, atmospheric, and ocean sciences	374	10,570	2,789	1,249	305	92	29	2.9	3.3	2.3
Family and consumer sciences/human sciences ^a	61	1,489	1,002	8	0	0	0	0.0	0.0	0.0
Mathematical sciences	418	15,013	4,167	624	148	151	2	1.0	3.6	0.3
Multidisciplinary/interdisciplinary studies ^a	117	2,076	1,617	244	1	6	0	*	0.4	0.0
Neuroscience ^a	44	1,529	32	285	0	0	0	0.0	0.0	0.0
Physical sciences	608	32,327	3,441	6,701	159	58	72	0.5	1.7	1.1

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Psychology	657	34,286	13,820	1,079	1,573	848	3	4.6	6.1	0.3
Social sciences	1,556	62,406	28,894	482	738	512	7	1.2	1.8	1.5
Engineering	1,676	90,911	33,512	4,937	954	334	9	1.0	1.0	0.2
Health fields ^a	2,694	59,288	32,547	14,613	1,879	952	2,139	3.2	2.9	14.6
Fall 2007old, all fields	10,976	403,722	148,110	50,657	7,761	3,527	2,796	1.9	2.4	5.5
Agricultural sciences	388	9,103	3,182	948	190	119	1	2.1	3.7	0.1
Biological sciences	2,101	58,011	9,256	19,204	1,313	267	507	2.3	2.9	2.6
Computer sciences	409	28,285	15,781	513	502	194	2	1.8	1.2	0.4
Earth, atmospheric, and ocean sciences	382	10,973	2,839	1,321	305	92	29	2.8	3.2	2.2
Mathematical sciences	424	15,311	4,229	621	148	151	3	1.0	3.6	0.5
Physical sciences	610	32,548	3,488	6,742	159	58	72	0.5	1.7	1.1
Psychology	669	34,801	13,972	1,097	1,573	848	3	4.5	6.1	0.3
Social sciences	1,588	63,564	29,319	494	738	512	7	1.2	1.7	1.4
Engineering	1,664	89,834	33,435	4,903	954	334	8	1.1	1.0	0.2
Health fields ^a	2,741	61,292	32,609	14,814	1,879	952	2,164	3.1	2.9	14.6

^a = imputation rate < 0.05%.

^a In 2007, GSS-eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of GSS-eligible units. "2007new" presents data as collected in 2007; "2007old" reflects data as they would have been collected under 2006 methodology. Science fields "communication" and "family and consumer sciences/human sciences" are newly eligible. Data for these two fields are only in 2007new. Science field "multidisciplinary/interdisciplinary studies" is also newly eligible; these data may have been reported under other fields before 2007. "Neuroscience" is reported as a separate field of science in 2007new; these data were reported under health field "neurology" in 2007old and previous years. See appendix A, "Technical Notes," for more details.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering.