

**Table 9. Postgraduation plans of doctorate recipients (U.S. citizens and non-U.S. citizens with permanent visas), by sex and major field: 2001**

Field of study	Total	Definite plans							
		Total with definite plans	In the United States					Abroad	Location unknown
			Total in U.S.	Postdoc study	Academic employment	Industry employment	Other <sup>1</sup>		
All recipients									
Science and engineering, total <sup>2</sup> .....	16,262	11,601	11,179	4,560	2,586	2,565	1,468	383	39
Engineering, total .....	2,435	1,741	1,680	277	239	924	240	56	5
Aeronautical/astronautical .....	102	79	78	9	9	31	29	1	0
Chemical .....	355	251	237	50	16	162	9	13	1
Civil .....	269	175	166	30	50	62	24	9	0
Electrical .....	561	407	397	33	45	263	56	8	2
Industrial .....	88	60	59	0	20	28	11	1	0
Materials/metallurgical .....	225	174	168	36	7	111	14	5	1
Mechanical .....	427	315	309	55	37	169	48	5	1
Other engineering .....	408	280	266	64	55	98	49	14	0
Sciences, total <sup>2</sup> .....	13,827	9,860	9,499	4,283	2,347	1,641	1,228	327	34
Physical sciences, total .....	2,043	1,532	1,456	708	147	508	93	68	8
Astronomy .....	123	99	90	68	6	10	6	9	0
Chemistry .....	1,229	945	907	433	83	349	42	30	8
Physics .....	676	476	447	201	56	147	43	29	0
Other physical sciences .....	15	12	12	6	2	2	2	0	0
Earth, atmospheric, and ocean sciences .....	464	342	326	147	79	54	46	16	0
Mathematics .....	522	388	372	116	157	59	40	14	2
Computer sciences .....	420	296	292	31	113	122	26	4	0
Biological sciences .....	4,216	2,994	2,881	2,146	271	292	172	103	10
Agricultural sciences .....	429	303	290	80	98	66	46	13	0
Psychology .....	3,013	2,110	2,081	820	459	325	477	22	7
Social sciences <sup>2</sup> .....	2,720	1,895	1,801	235	1,023	215	328	87	7
Non-S&E, total <sup>2</sup> .....	12,467	8,651	8,432	665	4,829	637	2,301	191	28
Grand total, all fields .....	28,729	20,252	19,611	5,225	7,415	3,202	3,769	574	67
Women									
Science and engineering, total <sup>2</sup> .....	6,867	4,684	4,536	1,995	1,171	726	644	132	16
Engineering, total .....	474	321	307	59	61	145	42	12	2
Aeronautical/astronautical .....	19	14	13	0	1	7	5	1	0
Chemical .....	92	62	59	14	5	38	2	3	0
Civil .....	66	41	39	8	16	10	5	2	0
Electrical .....	67	43	42	4	8	26	4	0	1
Industrial .....	27	17	17	0	6	6	5	0	0
Materials/metallurgical .....	54	42	41	9	2	24	6	1	0
Mechanical .....	38	31	29	6	7	14	2	1	1
Other engineering .....	111	71	67	18	16	20	13	4	0
Sciences, total <sup>2</sup> .....	6,393	4,363	4,229	1,936	1,110	581	602	120	14
Physical sciences, total .....	526	379	359	162	57	120	20	16	4
Astronomy .....	29	22	19	13	3	2	1	3	0
Chemistry .....	408	293	278	123	39	105	11	11	4
Physics .....	86	61	59	25	14	12	8	2	0
Other physical sciences .....	3	3	3	1	1	1	0	0	0
Earth, atmospheric, and ocean sciences .....	162	121	116	50	31	16	19	5	0
Mathematics .....	153	106	104	26	54	13	11	2	0
Computer sciences .....	98	64	63	7	30	20	6	1	0
Biological sciences .....	1,958	1,322	1,269	934	143	121	71	50	3
Agricultural sciences .....	164	107	105	32	28	26	19	2	0
Psychology .....	2,035	1,400	1,386	590	296	185	315	10	4
Social sciences <sup>2</sup> .....	1,297	864	827	135	471	80	141	34	3
Non-S&E, total <sup>2</sup> .....	7,274	5,031	4,935	417	2,796	347	1,375	79	17
Grand total, all fields .....	14,141	9,715	9,471	2,412	3,967	1,073	2,019	211	33

See explanatory information, if any, and SOURCE at end of table.

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Field of study	Total	Definite plans							
		Total with definite plans	In the United States					Abroad	Location unknown
			Total in U.S.	Postdoc study	Academic employment	Industry employment	Other <sup>1</sup>		
Men									
Science and engineering, total <sup>2</sup> .....	9,395	6,917	6,643	2,565	1,415	1,839	824	251	23
Engineering, total .....	1,961	1,420	1,373	218	178	779	198	44	3
Aeronautical/astronautical .....	83	65	65	9	8	24	24	0	0
Chemical .....	263	189	178	36	11	124	7	10	1
Civil .....	203	134	127	22	34	52	19	7	0
Electrical .....	494	364	355	29	37	237	52	8	1
Industrial .....	61	43	42	0	14	22	6	1	0
Materials/metallurgical .....	171	132	127	27	5	87	8	4	1
Mechanical .....	389	284	280	49	30	155	46	4	0
Other engineering .....	297	209	199	46	39	78	36	10	0
Sciences, total <sup>2</sup> .....	7,434	5,497	5,270	2,347	1,237	1,060	626	207	20
Physical sciences, total .....	1,517	1,153	1,097	546	90	388	73	52	4
Astronomy .....	94	77	71	55	3	8	5	6	0
Chemistry .....	821	652	629	310	44	244	31	19	4
Physics .....	590	415	388	176	42	135	35	27	0
Other physical sciences .....	12	9	9	5	1	1	2	0	0
Earth, atmospheric, and ocean sciences .....	302	221	210	97	48	38	27	11	0
Mathematics .....	369	282	268	90	103	46	29	12	2
Computer sciences .....	322	232	229	24	83	102	20	3	0
Biological sciences .....	2,258	1,672	1,612	1,212	128	171	101	53	7
Agricultural sciences .....	265	196	185	48	70	40	27	11	0
Psychology .....	978	710	695	230	163	140	162	12	3
Social sciences <sup>2</sup> .....	1,423	1,031	974	100	552	135	187	53	4
Non-S&E, total <sup>2</sup> .....	5,193	3,620	3,497	248	2,033	290	926	112	11
Grand total, all fields .....	14,588	10,537	10,140	2,813	3,448	2,129	1,750	363	34

<sup>1</sup> Other includes government, self-employed, and other.

<sup>2</sup> Categories are grouped differently from the questionnaire and the Summary Reports in that linguistics, history of science, American studies, and archaeology are included not in humanities but in social science.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates