

TABLE 15. Definite postgraduation plans of U.S. citizen and permanent resident doctorate recipients, by sex and major field: 2004

Sex and field	All recipients	Recipients with definite plans	Location of definite plans						
			United States				Abroad	Unknown	
			Total	Postdoctoral study	Academic employment	Industry employment			Other ^a
All recipients	27,959	19,061	18,412	5,523	7,052	1,860	3,977	627	22
Science and engineering	15,721	10,734	10,288	4,864	2,425	1,460	1,539	432	14
Science	13,539	9,285	8,891	4,474	2,197	944	1,276	383	11
Agricultural sciences	563	364	351	130	78	67	76	13	0
Biological sciences	4,187	2,916	2,814	2,199	235	132	248	99	3
Computer sciences	448	308	294	60	116	87	31	14	0
Earth, atmospheric, and ocean sciences	426	297	282	150	55	33	44	15	0
Mathematics	510	363	333	134	130	37	32	30	0
Physical sciences	1,866	1,292	1,229	714	129	279	107	59	4
Astronomy	115	95	87	65	11	6	5	8	0
Chemistry	1,180	823	789	434	78	217	60	32	2
Physics	559	365	345	211	39	56	39	18	2
Other physical sciences	12	9	8	4	1	0	3	1	0
Psychology	2,789	1,892	1,858	829	453	186	390	33	1
Social sciences	2,750	1,853	1,730	258	1,001	123	348	120	3
Engineering	2,182	1,449	1,397	390	228	516	263	49	3
Aeronautical/astronautical engineering	77	56	55	15	4	20	16	1	0
Chemical engineering	312	226	209	74	8	105	22	17	0
Civil engineering	224	151	143	28	43	36	36	5	3
Electrical engineering	498	328	321	59	59	147	56	7	0
Industrial engineering	77	47	47	4	21	10	12	0	0
Materials/metallurgical engineering	210	130	121	49	6	51	15	9	0
Mechanical engineering	299	188	185	49	30	68	38	3	0
Other engineering	485	323	316	112	57	79	68	7	0
Non-science and engineering	12,238	8,327	8,124	659	4,627	400	2,438	195	8
Male	13,734	9,568	9,188	2,948	3,189	1,238	1,813	366	14
Science and engineering	8,875	6,217	5,939	2,727	1,298	1,035	879	266	12
Science	7,163	5,067	4,830	2,431	1,137	593	669	228	9
Agricultural sciences	337	218	208	72	46	48	42	10	0
Biological sciences	2,188	1,593	1,540	1,206	108	74	152	50	3
Computer sciences	345	247	236	47	86	77	26	11	0
Earth, atmospheric, and ocean sciences	260	189	181	92	36	22	31	8	0
Mathematics	356	254	230	93	81	33	23	24	0
Physical sciences	1,356	951	902	531	85	208	78	45	4
Astronomy	82	68	62	46	6	6	4	6	0
Chemistry	798	567	539	307	42	152	38	26	2
Physics	473	313	298	177	37	50	34	13	2
Other physical sciences	3	3	3	1	0	0	2	0	0
Psychology	895	630	619	272	154	66	127	11	0
Social sciences	1,426	985	914	118	541	65	190	69	2
Engineering	1,712	1,150	1,109	296	161	442	210	38	3
Aeronautical/astronautical engineering	67	51	50	12	4	20	14	1	0
Chemical engineering	232	167	154	51	4	80	19	13	0
Civil engineering	159	108	102	21	28	26	27	3	3
Electrical engineering	430	287	281	48	49	137	47	6	0
Industrial engineering	57	33	33	3	13	9	8	0	0
Materials/metallurgical engineering	173	107	100	42	4	42	12	7	0
Mechanical engineering	255	163	160	43	25	58	34	3	0
Other engineering	339	234	229	76	34	70	49	5	0
Non-science and engineering	4,859	3,351	3,249	221	1,891	203	934	100	2
Female	14,221	9,493	9,224	2,575	3,863	622	2,164	261	8
Science and engineering	6,842	4,517	4,349	2,137	1,127	425	660	166	2
Science	6,372	4,218	4,061	2,043	1,060	351	607	155	2
Agricultural sciences	226	146	143	58	32	19	34	3	0
Biological sciences	1,997	1,323	1,274	993	127	58	96	49	0

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Computer sciences	102	61	58	13	30	10	5	3	0
Earth, atmospheric, and ocean sciences	166	108	101	58	19	11	13	7	0
Mathematics	154	109	103	41	49	4	9	6	0
Physical sciences	510	341	327	183	44	71	29	14	0
Astronomy	33	27	25	19	5	0	1	2	0
Chemistry	382	256	250	127	36	65	22	6	0
Physics	86	52	47	34	2	6	5	5	0
Other physical sciences	9	6	5	3	1	0	1	1	0
Psychology	1,893	1,262	1,239	557	299	120	263	22	1
Social sciences	1,324	868	816	140	460	58	158	51	1
Engineering	470	299	288	94	67	74	53	11	0
Aeronautical/astronautical engineering	10	5	5	3	0	0	2	0	0
Chemical engineering	80	59	55	23	4	25	3	4	0
Civil engineering	65	43	41	7	15	10	9	2	0
Electrical engineering	68	41	40	11	10	10	9	1	0
Industrial engineering	20	14	14	1	8	1	4	0	0
Materials/metallurgical engineering	37	23	21	7	2	9	3	2	0
Mechanical engineering	44	25	25	6	5	10	4	0	0
Other engineering	146	89	87	36	23	9	19	2	0
Non-science and engineering	7,379	4,976	4,875	438	2,736	197	1,504	95	6

^a Includes government, nonprofit, elementary/secondary school, other and unknown employer, and unknown plans.

NOTES: Data exclude non-U.S. citizens with temporary visas and those of unknown citizenship. Categories are grouped differently from questionnaire and summary reports in that linguistics, history of science, American studies, and archaeology are included in social science and not in humanities, and public administration is included in social science and not in professional fields. Non-science and engineering includes those whose field of specialization is unknown.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates, 2004.