TABLE 17. Definite postgraduation commitments of doctorate recipients, by citizenship status, major field, and location: 2010

Citizenship and field	All recipients	Recipients with definite commitments	Location of definite commitments						
			United States						
			Total	Postdoctoral study	Academic employment	Industry employment[a]	Other[b]	Abroad	Unknown
All fields	48,069	29,558	26,292	11,063	7,587	3,348	4,294	3,243	23
Science and engineering	33,141	20,598	18,097	9,997	3,105	2,869	2,126	2,483	18
Science	25,589	16,107	14,218	8,234	2,763	1,565	1,656	1,876	13
Agricultural sciences	984	571	487	248	88	59	92	84	0
Biological sciences	8,052	4,858	4,519	3,690	336	235	258	332	7
Computer sciences	1,665	1,050	912	283	171	363	95	138	0
Earth, atmospheric, and ocean sciences	864	593	513	315	49	84	65	79	1
Mathematics	1,589	1,054	885	421	261	126	77	169	0
Physical sciences	4,201	2,744	2,406	1,757	183	317	149	337	1
Chemistry	2,306	1,464	1,346	961	108	202	75	117	1
Physics and astronomy	1,895	1,280	1,060	796	75	115	74	220	0
Psychology	3,421	2,168	2,063	1,054	431	188	390	104	1
Social sciences	4,813	3,069	2,433	466	1,244	193	530	633	3
Engineering	7,552	4,491	3,879	1,763	342	1,304	470	607	5
Aerospace, aeronautical, and astronautical engineering	252	156	138	53	7	38	40	18	0
Chemical engineering	821	515	458	236	15	173	34	57	0
Civil engineering	645	353	293	123	55	57	58	60	0
Electrical, electronics, and communications engineering	1,776	1,047	915	317	80	426	92	131	1
Industrial and manufacturing engineering	214	113	89	21	27	29	12	24	0
Materials science engineering	670	401	347	223	9	85	30	53	1
Mechanical engineering	987	581	493	231	35	162	65	86	2
Other engineering	2,187	1,325	1,146	559	114	334	139	178	1
Non-science and engineering	14,928	8,960	8,195	1,066	4,482	479	2,168	760	5
U.S. citizen or permanent resident	31,573	20,859	19,906	7,333	6,481	2,170	3,922	944	9
Science and engineering	19,983	13,265	12,554	6,467	2,487	1,754	1,846	704	7
Science	16,680	11,113	10,519	5,702	2,272	1,081	1,464	588	6
Agricultural sciences	580	367	353	152	79	42	80	14	0
Biological sciences	5,577	3,460	3,319	2,619	300	177	223	137	4
Computer sciences	786	559	534	149	116	193	76	25	0
Earth, atmospheric, and ocean sciences	572	421	377	219	38	61	59	44	0
Mathematics	839	572	528	231	174	64	59	44	0
Physical sciences	2,329	1,607	1,470	980	145	219	126	137	0
Chemistry	1,324	899	853	545	87	157	64	46	0
Physics and astronomy	1,005	708	617	435	58	62	62	91	0
Psychology	2,867	1,987	1,943	993	394	180	376	44	0
Social sciences	3,130	2,140	1,995	359	1,026	145	465	143	2
Engineering	3,303	2,152	2,035	765	215	673	382	116	1
Aerospace, aeronautical, and astronautical engineering	141	96	D	24	D	29	40	D	0
Chemical engineering	432	287	268	117	10	115	26	19	0

TABLE 17. Definite postgraduation commitments of doctorate recipients, by citizenship status, major field, and location: 2010

Citizenship and field	All recipients	Recipients with definite commitments	Location of definite commitments						
			United States						
			Total	Postdoctoral study	Academic employment	Industry employment[a]	Other[b]	Abroad	Unknown
Civil engineering	232	151	D	39	D	29	44	D	0
Electrical, electronics, and communications engineering	625	422	400	114	49	173	64	22	0
Industrial and manufacturing engineering	62	43	D	5	18	10	D	D	0
Materials science engineering	313	206	194	102	D	58	D	11	1
Mechanical engineering	404	266	246	79	D	81	D	20	0
Other engineering	1,094	681	645	285	66	178	116	36	0
Non-science and engineering	11,590	7,594	7,352	866	3,994	416	2,076	240	2
Temporary visa holder	13,625	8,533	6,244	3,673	1,081	1,162	328	2,280	9
Science and engineering	11,302	7,223	5,453	3,488	610	1,101	254	1,762	8
Science	7,451	4,909	3,629	2,497	484	477	171	1,274	6
Agricultural sciences	343	200	131	94	9	17	11	69	0
Biological sciences	2,083	1,376	1,182	1,056	35	58	33	192	2
Computer sciences	766	485	373	134	54	169	16	112	0
Earth, atmospheric, and ocean sciences	251	168	132	94	11	21	6	35	1
Mathematics	683	477	353	189	86	62	16	124	0
Physical sciences	1,651	1,121	925	769	38	96	22	195	1
Chemistry	848	554	485	411	21	43	10	68	1
Physics and astronomy	803	567	440	358	17	53	12	127	0
Psychology	269	174	113	58	35	8	12	60	1
Social sciences	1,405	908	420	103	216	46	55	487	1
Engineering	3,851	2,314	1,824	991	126	624	83	488	2
Aerospace, aeronautical, and astronautical engineering	99	60	D	29	D	9	0	D	0
Chemical engineering	357	224	187	118	5	57	7	37	0
Civil engineering	377	202	D	84	D	28	14	D	0
Electrical, electronics, and communications engineering	1,036	621	511	202	31	252	26	109	1
Industrial and manufacturing engineering	141	70	D	16	9	19	D	D	0
Materials science engineering	326	193	153	121	D	27	D	40	0

TABLE 17. Definite postgraduation commitments of doctorate recipients, by citizenship status, major field, and location: 2010

Citizenship and field	All recipients	Recipients with definite commitments	Location of definite commitments						
			United States						
			Total	Postdoctoral study	Academic employment	Industry employment[a]	Other[b]	Abroad	Unknown
Mechanical engineering	519	310	243	150	D	79	D	66	1
Other engineering	996	634	492	271	47	153	21	142	0
Non-science and engineering	2,323	1,310	791	185	471	61	74	518	1

D = suppressed to avoid disclosure of confidential information.

[a] Includes doctorate recipients who indicated self-employment.

[b] Includes doctorate recipients who indicated government, nonprofit, elementary/secondary school, or other employment, and those with unknown employment.

NOTES: Persons of unknown citizenship are included in total but are not shown separately. Categories are grouped according to National Science Foundation taxonomy, which is different from the classification listed in questionnaire and summary reports. That is, the following categories are included in social sciences and not in humanities: American/U.S. studies; history, science and technology, and society; and archaeology. In addition, public administration is included in social sciences and not in professional fields, agricultural economics is included in social sciences and not in biological sciences, and agricultural business and management is included in business management/administration and not in agricultural sciences.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2010.