

TABLE 52. Definite postgraduation commitments of doctorate recipients, by sex and major field of study: 2014

Sex and major field of study	All recipients	Recipients with definite commitments	Location of definite commitments						
			United States				Abroad	Unknown	
			Total	Postdoctoral study	Academic employment	Industry employment ^a			Other ^b
All doctorate recipients ^c	54,070	27,139	24,220	9,418	7,290	4,770	2,742	2,866	53
Life sciences	12,504	6,107	5,583	3,678	890	590	425	511	13
Agricultural sciences and natural resources	1,303	630	526	251	107	101	67	101	3
Biological, biomedical sciences	8,991	4,336	3,987	3,099	343	385	160	340	9
Health sciences	2,210	1,141	1,070	328	440	104	198	70	1
Physical sciences	9,859	5,372	4,686	2,227	718	1,508	233	674	12
Chemistry	2,673	1,333	1,194	712	127	316	39	136	3
Computer and information sciences	2,072	1,169	1,064	214	179	614	57	102	3
Geosciences	989	592	522	311	65	102	44	69	1
Mathematics	1,879	1,073	907	390	263	205	49	163	3
Physics and astronomy	2,246	1,205	999	600	84	271	44	204	2
Social sciences	8,657	4,702	4,082	1,526	1,535	424	597	613	7
Anthropology	527	236	189	73	87	5	24	47	0
Economics	1,194	819	576	83	284	116	93	242	1
Political science	776	410	342	73	211	20	38	68	0
Psychology	3,765	2,061	1,955	1,090	409	205	251	105	1
Sociology	678	366	332	84	215	8	25	33	1
Other social sciences	1,717	810	688	123	329	70	166	118	4
Engineering	9,568	4,542	4,060	1,350	405	1,956	349	473	9
Aerospace, aeronautical, and astronautical engineering	387	212	194	60	19	67	48	17	1
Chemical engineering	975	462	420	161	22	224	13	41	1
Civil engineering	622	261	212	84	47	54	27	49	0
Electrical, electronics, and communication engineering	1,957	962	868	183	68	560	57	92	2
Industrial and manufacturing engineering	298	127	114	20	26	51	17	12	1
Materials science engineering	836	374	337	139	23	151	24	37	0
Mechanical engineering	1,332	643	579	218	56	257	48	63	1
Other engineering	3,161	1,501	1,336	485	144	592	115	162	3
Education	4,793	2,429	2,293	192	1,251	75	775	132	4
Education administration	895	446	433	6	162	18	247	10	3
Education research	2,558	1,325	1,250	136	707	41	366	74	1
Teacher education	153	D	D	D	45	D	21	D	0
Teaching fields	919	480	445	41	280	9	115	35	0
Other education	268	D	D	D	57	D	26	D	0
Humanities	5,486	2,381	2,100	346	1,449	79	226	276	5
Foreign languages and literature	676	318	278	26	231	D	D	39	1
History	1,182	536	469	118	269	18	64	67	0
Letters	1,553	701	637	75	501	D	D	D	D
Other humanities	2,075	826	716	127	448	37	104	D	D

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			Total	Postdoctoral study	Academic employment	Industry employment ^a			Other ^b
Other ^d	3,203	1,606	1,416	99	1,042	138	137	187	3
Business management and administration	1,583	902	784	27	615	94	48	116	2
Communication	664	311	283	28	229	15	11	27	1
Non-S&E fields not elsewhere classified	956	393	349	44	198	29	78	44	0
Male	29,049	14,907	13,041	5,038	3,338	3,391	1,274	1,833	33
Life sciences	5,468	2,723	2,459	1,701	301	304	153	256	8
Agricultural sciences and natural resources	673	332	269	137	49	52	31	60	3
Biological, biomedical sciences	4,134	2,071	1,894	1,464	146	210	74	173	4
Health sciences	661	320	296	100	106	42	48	23	1
Physical sciences	7,004	3,900	3,369	1,589	460	1,164	156	522	9
Chemistry	1,643	857	754	478	67	195	14	100	3
Computer and information sciences	1,657	953	874	176	133	520	45	77	2
Geosciences	580	345	301	172	33	71	25	44	0
Mathematics	1,336	767	635	288	162	148	37	130	2
Physics and astronomy	1,788	978	805	475	65	230	35	171	2
Social sciences	3,477	1,933	1,567	496	644	184	243	363	3
Anthropology	197	93	65	25	28	D	D	28	0
Economics	784	546	376	55	195	68	58	170	0
Political science	433	213	172	45	102	11	14	41	0
Psychology	1,072	612	565	298	120	70	77	46	1
Sociology	248	131	120	27	80	D	D	10	1
Other social sciences	743	338	269	46	119	29	75	68	1
Engineering	7,349	3,558	3,177	1,016	300	1,591	270	372	9
Aerospace, aeronautical, and astronautical engineering	331	D	D	52	D	60	41	D	1
Chemical engineering	684	322	293	108	16	160	9	28	1
Civil engineering	470	199	159	62	34	42	21	40	0
Electrical, electronics, and communication engineering	1,618	812	732	146	57	479	50	78	2
Industrial and manufacturing engineering	209	D	D	15	18	39	D	D	1
Materials science engineering	619	278	254	110	D	113	D	24	0
Mechanical engineering	1,128	548	492	178	46	229	39	55	1
Other engineering	2,290	1,122	994	345	95	469	85	125	3
Education	1,467	801	737	38	408	26	265	63	1
Education administration	371	204	D	0	69	D	120	D	1
Education research	721	394	360	27	224	12	97	34	0
Teacher education	35	D	D	0	11	D	3	D	0
Teaching fields	267	D	D	D	87	D	39	D	0
Other education	73	D	D	D	17	0	6	D	0

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			Total	Postdoctoral study	Academic employment	Industry employment ^a			Other ^b
Humanities	2,697	1,173	1,020	169	681	42	128	151	2
Foreign languages and literature	248	119	102	13	86	D	D	16	1
History	661	287	252	65	139	11	37	35	0
Letters	659	299	267	34	210	D	D	32	0
Other humanities	1,129	468	399	57	246	25	71	68	1
Other ^d	1,587	819	712	29	544	80	59	106	1
Business management and administration	907	526	459	14	368	54	23	67	0
Communication	278	130	120	D	100	D	3	9	1
Non-S&E fields not elsewhere classified	402	163	133	D	76	D	33	30	0
Female	24,857	12,232	11,179	4,380	3,952	1,379	1,468	1,033	20
Life sciences	6,998	3,384	3,124	1,977	589	286	272	255	5
Agricultural sciences and natural resources	629	298	257	114	58	49	36	41	0
Biological, biomedical sciences	4,825	2,265	2,093	1,635	197	175	86	167	5
Health sciences	1,544	821	774	228	334	62	150	47	0
Physical sciences	2,820	1,472	1,317	638	258	344	77	152	3
Chemistry	1,020	476	440	234	60	121	25	36	0
Computer and information sciences	407	216	190	38	46	94	12	25	1
Geosciences	408	247	221	139	32	31	19	25	1
Mathematics	535	306	272	102	101	57	12	33	1
Physics and astronomy	450	227	194	125	19	41	9	33	0
Social sciences	5,155	2,769	2,515	1,030	891	240	354	250	4
Anthropology	330	143	124	48	59	D	D	19	0
Economics	404	273	200	28	89	48	35	72	1
Political science	342	197	170	28	109	9	24	27	0
Psychology	2,678	1,449	1,390	792	289	135	174	59	0
Sociology	430	235	212	57	135	D	D	23	0
Other social sciences	971	472	419	77	210	41	91	50	3
Engineering	2,179	984	883	334	105	365	79	101	0
Aerospace, aeronautical, and astronautical engineering	55	D	D	8	D	7	7	D	0
Chemical engineering	290	140	127	53	6	64	4	13	0
Civil engineering	147	62	53	22	13	12	6	9	0
Electrical, electronics, and communication engineering	326	150	136	37	11	81	7	14	0
Industrial and manufacturing engineering	89	D	D	5	8	12	D	D	0
Materials science engineering	213	96	83	29	D	38	D	13	0
Mechanical engineering	197	95	87	40	10	28	9	8	0
Other engineering	862	379	342	140	49	123	30	37	0

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			Total	Postdoctoral study	Academic employment	Industry employment ^a			Other ^b
Education	3,316	1,628	1,556	154	843	49	510	69	3
Education administration	524	242	D	6	93	D	127	D	2
Education research	1,828	931	890	109	483	29	269	40	1
Teacher education	118	D	D	D	34	D	18	D	0
Teaching fields	651	D	D	D	193	D	76	D	0
Other education	195	D	D	D	40	D	20	D	0
Humanities	2,785	1,208	1,080	177	768	37	98	125	3
Foreign languages and literature	426	199	176	13	145	D	D	23	0
History	520	249	217	53	130	7	27	32	0
Letters	894	402	370	41	291	D	D	D	D
Other humanities	945	358	317	70	202	12	33	D	D
Other ^d	1,604	787	704	70	498	58	78	81	2
Business management and administration	670	376	325	13	247	40	25	49	2
Communication	383	181	163	D	129	D	8	18	0
Non-S&E fields not elsewhere classified	551	230	216	D	122	D	45	14	0

D = suppressed to avoid disclosure of confidential information.

S&E = science and engineering.

^a Includes doctorate recipients who indicated self-employment.

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

^c Includes respondents who did not report sex.

^d Non-science and engineering fields.

NOTES: See table A-6 in the technical notes for a listing of major fields and their constituent subfields. Definite postgraduate commitment includes doctorate recipients reporting definite postgraduation commitments for employment or postdoctoral study.

SOURCE: NSF, NIH, USED, USDA, NEH, NASA, Survey of Earned Doctorates, 2014.