

**Table 6. Doctorates awarded, by state or location, broad field of study, and sex of doctorate recipients: 2016**

State or location	Total <sup>a</sup>		Life sciences <sup>b</sup>		Physical sciences and earth sciences		Mathematics and computer sciences		Psychology and social sciences		Engineering		Education		Humanities and arts		Other <sup>c</sup>	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
United States <sup>d</sup>	29,616	25,278	5,643	6,923	4,286	1,963	2,998	959	3,749	5,329	7,277	2,192	1,550	3,603	2,639	2,843	1,474	1,466
Alabama	387	334	101	100	36	17	34	12	33	49	104	27	48	89	13	20	18	20
Alaska	24	24	8	12	9	5	D	D	D	D	D	D	D	D	0	0	0	0
Arizona	482	407	63	92	89	31	36	11	62	90	133	38	23	61	51	59	25	25
Arkansas	126	124	51	53	11	8	10	5	D	D	D	D	9	17	10	16	D	D
California	3,376	2,741	545	672	563	253	372	103	536	763	877	269	88	251	292	334	103	96
Colorado	631	439	100	125	130	37	56	17	55	70	183	50	46	87	39	30	22	23
Connecticut	434	325	118	97	64	27	37	13	61	66	64	20	D	D	65	75	D	D
Delaware	166	114	29	26	32	17	D	D	17	32	64	20	D	D	D	D	D	D
District of Columbia	292	317	17	46	18	14	26	5	79	121	55	17	23	43	57	46	17	25
Florida	1,215	1,072	216	262	200	97	122	58	138	230	286	89	101	180	91	84	61	72
Georgia	793	669	134	192	96	45	87	29	57	117	268	65	41	116	51	61	59	44
Hawaii	91	110	15	30	16	11	D	D	22	28	D	D	10	20	6	14	D	D
Idaho	65	44	14	18	12	6	D	D	D	D	D	D	15	10	D	D	D	D
Illinois	1,337	1,089	221	245	201	83	127	30	192	261	286	98	58	109	168	170	84	93
Indiana	877	641	105	161	126	53	104	24	84	103	265	63	54	105	93	90	46	42
Iowa	397	315	105	87	37	25	33	18	43	47	96	31	27	53	34	26	22	28
Kansas	262	252	70	75	22	18	D	D	51	53	D	D	15	39	19	24	15	22
Kentucky	261	219	63	69	15	7	26	7	41	39	41	18	10	34	52	33	13	12
Louisiana	365	293	87	89	42	28	28	16	44	58	71	15	17	38	45	28	31	21
Maine	38	37	9	13	D	D	D	D	6	9	D	D	8	7	D	D	D	D
Maryland	677	597	143	258	89	47	103	29	80	107	177	49	23	37	42	46	20	24
Massachusetts	1,640	1,257	317	396	287	120	148	46	207	257	426	149	46	87	138	142	71	60
Michigan	1,045	862	174	198	146	76	102	33	130	183	288	69	81	173	77	89	47	41
Minnesota	606	859	151	265	56	23	40	15	121	250	106	39	36	140	21	40	75	87
Mississippi	208	240	65	51	23	15	9	5	19	37	23	7	33	93	13	12	23	20
Missouri	498	419	118	101	65	29	48	16	54	89	112	32	30	69	42	46	29	37
Montana	66	52	24	21	16	6	D	D	9	8	D	D	D	D	D	D	0	0
Nebraska	191	197	75	84	19	6	15	10	15	37	38	12	13	33	11	8	5	7
Nevada	109	120	16	19	22	10	0	0	20	31	22	14	14	36	D	D	D	D
New Hampshire	94	69	26	27	24	11	D	D	12	16	17	5	D	D	D	D	0	0

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	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
New Jersey	584	480	75	117	100	49	81	28	90	95	105	54	24	42	78	66	31	29
New Mexico	172	133	27	33	30	13	18	5	15	21	D	D	13	31	12	19	D	D
New York	2,165	2,030	387	520	312	134	259	79	321	514	397	127	82	210	322	350	85	96
North Carolina	967	841	240	289	110	56	121	48	106	137	221	79	35	107	93	80	41	45
North Dakota	93	92	24	28	12	6	15	8	10	9	22	5	D	D	D	D	D	D
Ohio	1,148	895	232	247	195	62	106	20	101	145	322	85	60	181	86	91	46	64
Oklahoma	299	239	61	50	29	19	10	12	37	42	78	22	28	49	28	26	28	19
Oregon	247	208	59	71	50	26	D	D	32	39	45	10	14	34	13	16	D	D
Pennsylvania	1,480	1,241	246	341	169	91	175	70	158	217	444	137	68	140	141	167	79	78
Puerto Rico	74	142	15	34	D	D	5	0	24	75	5	6	D	D	6	11	D	D
Rhode Island	168	157	29	34	38	19	17	8	29	31	24	13	D	D	26	42	D	D
South Carolina	272	272	42	97	34	23	26	8	26	34	91	31	20	45	12	14	21	20
South Dakota	64	49	25	21	12	8	D	D	6	8	D	D	D	D	D	D	D	D
Tennessee	503	421	114	118	60	30	38	6	56	71	113	37	36	97	55	46	31	16
Texas	2,181	1,793	395	432	320	139	216	73	215	314	623	196	107	303	155	207	150	129
Utah	336	201	65	62	46	13	27	5	47	45	102	17	20	36	12	7	17	16
Vermont	39	36	19	20	D	D	0	0	D	D	8	0	D	D	D	D	0	0
Virginia	802	723	122	161	82	51	92	31	118	147	219	62	65	160	47	64	57	47
Washington	466	461	100	172	78	40	40	17	62	81	114	39	36	57	18	36	18	19
West Virginia	131	112	25	34	19	9	D	D	16	27	35	5	15	27	12	6	D	D
Wisconsin	623	482	150	148	86	37	68	18	76	81	122	27	38	75	65	65	18	31
Wyoming	49	32	11	10	D	D	D	D	D	D	D	D	5	9	D	D	D	D

D = suppressed to avoid disclosure of confidential information.

<sup>a</sup> Excludes 10 doctorate recipients who did not report sex.

<sup>b</sup> Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.

<sup>c</sup> Non-science and engineering fields not shown separately.

<sup>d</sup> Includes the 50 states, the District of Columbia, and Puerto Rico.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2016.