

National Center for Science and Engineering Statistics | NSF 19-301

TABLE 6

Doctorates awarded, by state or location, broad field of study, and sex of doctorate recipients: 2017

(Number)

State or location	Total ^a		Life sciences ^b		Physical sciences and earth sciences		Mathematics and computer sciences		Psychology and social sciences		Engineering		Education		Humanities and arts		Other ^c	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
United States ^d	29,146	25,495	5,629	6,958	4,068	2,011	2,866	976	3,693	5,381	7,389	2,448	1,521	3,300	2,581	2,708	1,399	1,713
Alabama	365	342	96	92	38	21	35	13	28	61	100	31	34	81	13	15	21	28
Alaska	19	33	D	D	9	11	0	0	D	D	D	D	D	D	0	0	D	D
Arizona	420	381	57	76	78	32	38	13	53	103	109	32	24	51	41	50	20	24
Arkansas	98	104	32	43	6	11	D	D	8	11	D	D	D	D	8	15	D	D
California	3,283	2,817	583	716	551	289	371	124	488	641	817	334	91	221	292	332	90	160
Colorado	543	462	89	123	114	41	51	16	42	86	161	45	33	74	41	41	12	36
Connecticut	397	351	76	120	66	38	44	16	57	72	69	28	5	8	60	55	20	14
Delaware	127	111	25	34	17	7	D	D	18	27	46	23	D	D	D	D	0	0
District of Columbia	295	328	21	34	18	19	17	7	72	135	61	17	25	45	58	40	23	31
Florida	1,258	1,078	221	269	169	90	109	36	168	241	333	86	80	176	88	94	90	86
Georgia	795	697	148	209	81	48	77	22	67	149	283	77	42	80	55	70	42	42
Hawaii	78	111	11	33	15	14	D	D	24	37	D	D	D	D	7	6	D	D
Idaho	57	46	15	17	D	D	D	D	9	6	D	D	6	13	D	D	0	0
Illinois	1,357	1,173	225	252	199	68	139	54	181	264	314	119	60	125	166	174	73	117
Indiana	928	641	152	156	128	67	88	30	94	127	274	55	51	80	97	91	44	35
Iowa	410	305	78	72	57	22	50	22	34	48	115	37	32	47	22	28	22	29
Kansas	281	249	71	77	29	15	18	5	47	64	56	18	18	26	22	25	20	19
Kentucky	256	241	56	82	12	10	24	11	34	41	38	10	26	44	54	33	12	10
Louisiana	342	265	89	68	43	25	39	9	32	58	63	11	19	44	32	26	25	24
Maine	29	27	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Maryland	645	650	160	279	95	46	81	37	74	131	162	63	12	26	39	38	22	30
Massachusetts	1,565	1,313	310	396	252	120	126	51	210	263	416	181	48	89	147	145	56	68
Michigan	1,056	850	181	204	135	71	89	29	148	197	296	98	84	122	83	80	40	49
Minnesota	599	775	153	244	41	25	43	10	124	238	103	25	41	112	22	27	72	94
Mississippi	229	230	62	45	30	18	12	8	29	47	39	12	32	71	7	14	18	15
Missouri	551	470	129	130	84	23	41	14	60	92	127	44	23	82	58	49	29	36
Montana	56	63	23	13	8	7	D	D	D	D	D	D	8	22	D	D	D	D
Nebraska	186	177	73	70	18	14	19	8	20	26	33	11	10	29	8	10	5	9
Nevada	110	90	7	14	14	6	D	D	19	25	28	6	16	29	D	D	D	D
New Hampshire	78	80	16	44	18	14	D	D	12	5	D	D	D	D	D	D	D	D
New Jersey	628	487	86	123	102	43	80	20	89	90	141	53	22	36	74	78	34	44
New Mexico	179	120	24	21	34	10	D	D	15	28	60	14	15	30	6	9	D	D
New York	2,092	1,972	367	492	273	138	243	59	343	492	409	158	82	222	281	314	94	97
North Carolina	949	883	248	296	127	67	103	52	106	141	229	87	23	85	69	74	44	81

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(Number)

State or location	Total ^a		Life sciences ^b		Physical sciences and earth sciences		Mathematics and computer sciences		Psychology and social sciences		Engineering		Education		Humanities and arts		Other ^c	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
North Dakota	81	100	20	26	D	D	D	D	9	23	23	7	14	32	D	D	D	D
Ohio	1,128	900	189	251	188	72	86	27	123	160	325	85	79	182	86	62	52	61
Oklahoma	292	232	77	60	29	17	D	D	38	35	52	18	18	58	27	24	D	D
Oregon	322	250	85	98	69	26	44	8	32	48	56	15	13	18	11	21	12	16
Pennsylvania	1,408	1,218	263	325	163	85	148	58	148	208	407	138	78	152	123	162	78	90
Puerto Rico	29	54	D	D	D	D	D	D	9	33	D	D	0	0	8	10	D	D
Rhode Island	169	153	31	36	31	16	D	D	17	41	31	8	D	D	27	35	D	D
South Carolina	266	240	36	64	32	27	24	8	34	31	92	49	20	38	15	9	13	14
South Dakota	76	34	24	13	D	D	D	D	10	9	D	D	D	D	D	D	0	0
Tennessee	524	508	105	165	59	28	42	10	64	89	137	48	44	98	53	44	20	26
Texas	2,186	1,879	412	493	282	142	209	87	200	353	660	217	117	269	178	171	128	147
Utah	315	193	71	45	40	14	42	7	35	47	82	17	27	36	8	17	10	10
Vermont	29	32	10	15	D	D	D	D	D	D	D	D	D	D	D	D	0	0
Virginia	799	714	114	151	96	49	73	30	125	152	222	69	61	142	53	74	55	47
Washington	470	444	103	153	72	38	47	21	47	69	127	44	25	50	25	36	24	33
West Virginia	96	87	26	26	D	D	D	D	11	20	26	6	D	D	7	13	D	D
Wisconsin	633	496	148	163	85	36	62	13	64	74	146	29	35	75	76	64	17	42
Wyoming	62	39	19	9	11	7	D	D	12	6	D	D	D	D	D	D	D	D

D = suppressed to avoid disclosure of confidential information.

^a Excludes 23 doctorate recipients who did not report sex.

^b Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.

^c Includes other non-science and engineering fields not shown separately.

^d Includes the 50 states, the District of Columbia, and Puerto Rico.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, Survey of Earned Doctorates, 2017.