

Table 6

Doctorates recipients, by state or location of doctorate institution, broad field of study, and sex: 2019

(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	30,151	25,542	5,819	6,961	4,368	2,213	3,144	1,095	3,672	5,399	7,833	2,468	1,422	3,213	2,479	2,573	1,414	1,620
Alabama	350	303	91	107	35	11	19	15	29	50	115	30	38	69	9	5	14	16
Alaska	16	26	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Arizona	451	395	84	78	65	44	42	14	64	97	103	38	20	53	44	53	29	18
Arkansas	131	108	42	41	D	D	10	6	17	7	29	12	6	20	D	D	10	10
California	3,584	2,757	627	682	642	306	454	127	487	703	859	353	94	165	326	320	95	101
Colorado	547	489	99	134	92	76	60	23	50	80	171	56	33	66	31	37	11	17
Connecticut	429	367	98	102	78	47	39	18	72	73	74	32	D	D	52	61	D	D
Delaware	143	98	22	19	27	18	D	D	13	23	57	18	D	D	D	D	D	D
District of Columbia	284	300	30	49	20	12	26	12	77	101	40	12	19	43	60	43	12	28
Florida	1,300	1,168	200	311	190	97	173	54	159	264	333	107	78	182	86	80	81	73
Georgia	796	651	159	203	103	52	89	24	70	98	242	64	36	80	51	79	46	51
Hawaii	99	110	22	20	21	15	D	D	26	30	10	5	D	D	10	20	D	D
Idaho	52	52	9	15	9	5	D	D	D	D	D	D	9	20	D	D	D	D
Illinois	1,428	1,063	203	258	225	91	147	58	191	253	366	109	47	76	177	144	72	74
Indiana	876	692	136	160	115	59	110	37	97	121	252	73	43	100	94	100	29	42
Iowa	407	320	95	89	55	25	44	26	22	52	130	31	28	48	16	21	17	28
Kansas	292	244	78	63	30	19	19	13	48	52	66	21	19	35	13	22	19	19
Kentucky	299	225	63	73	25	11	22	9	42	54	56	13	20	33	50	18	21	14
Louisiana	317	298	74	89	39	24	26	10	45	43	76	25	10	45	32	36	15	26
Maine	31	43	9	17	8	9	D	D	5	7	D	D	D	D	D	D	D	D
Maryland	699	591	163	240	82	48	99	26	89	116	206	58	11	38	28	33	21	32
Massachusetts	1,676	1,358	336	393	286	148	168	54	200	284	460	173	29	98	142	121	55	87
Michigan	1,051	854	175	212	147	106	110	35	108	159	341	79	59	135	75	77	36	51
Minnesota	669	909	136	246	55	23	38	18	160	308	109	26	44	132	22	40	105	116
Mississippi	244	273	63	52	35	24	7	5	19	56	46	13	43	86	15	15	16	22
Missouri	523	455	110	113	65	36	30	15	59	102	141	41	32	76	52	39	34	33
Montana	77	49	32	17	15	6	D	D	5	10	D	D	D	D	D	D	0	0
Nebraska	208	175	80	64	19	6	16	8	28	39	37	12	8	29	10	10	10	7
Nevada	108	109	D	D	21	13	D	D	20	31	22	8	10	23	7	7	7	7
New Hampshire	107	86	31	38	23	11	7	7	8	12	30	9	D	D	D	D	D	D
New Jersey	660	485	95	122	96	38	96	22	82	98	155	48	14	42	91	79	31	36
New Mexico	186	142	27	30	35	7	D	D	24	27	55	12	19	35	11	13	D	D

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	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
New York	2,187	1,977	432	501	317	155	247	55	340	511	429	150	85	205	257	287	80	113
North Carolina	923	885	208	290	117	67	122	65	89	140	237	78	38	106	72	86	40	53
North Dakota	91	77	24	25	D	D	D	D	5	18	19	5	13	22	D	D	0	0
Ohio	1,064	936	223	251	171	81	76	22	83	164	321	85	81	168	68	102	41	63
Oklahoma	279	203	46	45	45	25	13	9	29	34	82	16	29	41	14	14	21	19
Oregon	310	262	73	79	51	33	30	13	46	65	76	21	12	19	7	23	15	9
Pennsylvania	1,430	1,169	229	331	175	72	193	54	152	225	387	127	61	140	135	135	98	85
Puerto Rico	65	68	17	23	7	6	D	D	15	33	D	D	D	D	D	D	D	D
Rhode Island	193	145	31	34	39	15	30	10	28	33	33	9	D	D	27	35	D	D
South Carolina	296	251	52	78	41	19	30	18	31	37	92	29	18	28	18	18	14	24
South Dakota	71	31	32	12	D	D	D	D	D	D	13	5	D	D	D	D	0	0
Tennessee	496	453	116	148	54	31	37	18	66	75	134	39	34	81	44	43	11	18
Texas	2,326	1,839	419	494	321	150	197	80	198	310	747	217	120	285	161	171	163	132
Utah	331	217	55	48	52	33	34	8	33	51	112	25	22	31	8	7	15	14
Vermont	35	45	17	22	D	D	D	D	D	D	D	D	D	D	D	D	0	0
Virginia	761	671	130	143	91	46	76	30	87	130	224	71	54	149	47	46	52	56
Washington	506	495	119	174	60	38	69	32	56	85	130	58	20	50	25	26	27	32
West Virginia	115	110	29	33	21	5	5	5	16	19	D	D	10	21	10	12	D	D
Wisconsin	590	477	149	156	83	30	60	19	67	82	133	35	30	65	57	60	11	30
Wyoming	42	36	13	11	D	D	D	D	D	D	11	7	D	D	0	0	0	0

D = suppressed to avoid disclosure of confidential information.

^a Excludes 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 Center for Science and Engineering Statistics, Survey of Earned Doctorates.