

Table 7-10

Research doctorate recipients, by state or location of doctorate institution and broad field of doctorate: 2021

(Number)

State or location	All fields	Science and engineering											Non-science and engineering						
		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric, and ocean sciences	Health sciences	Mathematics and statistics	Multidisciplinary/ interdisciplinary sciences	Physical sciences	Psychology	Social sciences	Total	Business	Education	Humanities	Visual and performing arts	Other ^a
United States ^b	52,250	41,356	1,223	8,259	2,195	9,563	1,044	2,582	1,915	1,299	4,811	3,716	4,749	10,894	1,340	3,711	3,076	771	1,996
Alabama	640	467	25	119	11	117	8	30	22	16	45	57	17	173	24	105	14	1	29
Alaska	42	39	5	3	0	2	11	0	0	2	2	10	4	3	0	2	0	0	1
Arizona	935	734	21	112	31	198	23	41	25	35	86	58	104	201	25	61	43	40	32
Arkansas	275	198	21	49	18	48	2	8	2	3	20	11	16	77	14	40	12	0	11
California	5,892	4,959	81	979	285	1,082	146	177	236	191	668	486	628	933	126	192	333	120	162
Colorado	1,024	828	23	166	39	217	56	46	46	13	107	59	56	196	7	92	33	32	32
Connecticut	731	603	13	154	22	88	14	20	36	12	97	45	102	128	22	12	54	15	25
Delaware	212	185	12	35	9	55	4	2	9	3	28	7	21	27	2	9	7	2	7
District of Columbia	535	376	1	85	20	34	0	18	11	5	30	62	110	159	15	57	65	1	21
Florida	2,339	1,784	66	305	139	408	67	137	69	81	185	169	158	555	58	218	105	47	127
Georgia	1,451	1,217	50	286	94	360	17	58	35	36	107	71	103	234	37	67	63	10	57
Hawaii	133	95	3	17	3	8	13	6	2	3	9	9	22	38	5	11	14	3	5
Idaho	136	115	16	21	11	31	6	4	2	4	7	12	1	21	0	17	3	0	1
Illinois	2,310	1,847	37	324	124	398	26	88	97	36	275	162	280	463	76	85	182	43	77
Indiana	1,556	1,250	31	195	73	391	22	53	73	39	154	85	134	306	29	106	122	7	42
Iowa	618	517	33	108	17	125	6	29	46	19	58	42	34	101	20	47	17	4	13
Kansas	466	361	32	62	12	72	3	16	18	12	38	56	40	105	11	43	22	7	22
Kentucky	484	336	8	83	8	62	2	39	15	10	34	26	49	148	4	58	50	8	28
Louisiana	586	436	22	100	12	96	17	35	18	4	58	28	46	150	26	51	45	7	21
Maine	70	58	11	10	0	13	6	1	0	0	7	5	5	12	0	4	3	1	4
Maryland	1,173	1,004	18	258	87	200	23	97	39	33	86	50	113	169	24	42	57	11	35
Massachusetts	2,652	2,180	20	458	135	500	39	132	89	79	297	116	315	472	65	104	171	33	99
Michigan	1,790	1,446	32	271	78	379	23	82	81	35	192	104	169	344	18	161	72	7	86
Minnesota	1,499	1,075	27	143	29	126	6	203	26	21	60	230	204	424	107	148	28	5	136
Mississippi	409	276	31	39	6	47	6	28	8	12	33	40	26	133	16	83	14	0	20
Missouri	905	697	22	142	28	205	12	55	28	15	61	72	57	208	18	56	103	5	26
Montana	113	92	8	32	1	9	4	5	8	1	9	10	5	21	0	13	7	0	1
Nebraska	329	264	37	67	5	44	2	27	12	11	20	24	15	65	9	29	13	1	13
Nevada	240	187	2	31	2	30	13	16	4	8	17	41	23	53	9	33	7	0	4
New Hampshire	159	144	10	39	9	34	7	5	9	1	19	3	8	15	2	5	8	0	0
New Jersey	950	736	19	113	70	182	19	28	46	21	93	36	109	214	24	56	86	11	37
New Mexico	280	214	12	37	8	58	14	6	10	2	34	11	22	66	4	45	8	0	9
New York	3,871	2,975	49	664	195	532	55	139	145	87	355	333	421	896	76	218	325	135	142

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		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Computer and information sciences	Engineering	Geosciences, atmospheric, and ocean sciences	Health sciences	Mathematics and statistics	Multidisciplinary/ interdisciplinary sciences	Physical sciences	Psychology	Social sciences	Total	Business	Education	Humanities	Visual and performing arts	Other ^a
North Carolina	1,724	1,407	47	312	62	331	25	124	100	46	143	94	123	317	29	95	101	16	76
North Dakota	175	123	9	21	2	35	4	7	6	1	10	24	4	52	7	30	6	0	9
Ohio	1,878	1,428	36	298	36	381	28	86	58	53	177	132	143	450	40	185	110	33	82
Oklahoma	484	346	22	68	7	79	27	21	7	6	32	54	23	138	27	57	27	13	14
Oregon	552	453	21	90	16	98	18	24	19	9	50	47	61	99	15	34	14	9	27
Pennsylvania	2,434	1,897	19	396	124	448	32	127	85	80	234	131	221	537	79	149	164	37	108
Puerto Rico	109	94	0	15	0	9	1	3	2	3	9	48	4	15	1	1	8	0	5
Rhode Island	260	210	3	46	11	35	11	9	9	12	25	10	39	50	7	9	26	4	4
South Carolina	476	383	11	75	13	126	7	40	15	6	43	18	29	93	17	40	15	0	21
South Dakota	122	108	17	15	5	17	5	12	1	8	13	7	8	14	0	2	1	0	11
Tennessee	880	669	24	164	21	151	6	42	20	31	69	70	71	211	8	92	69	14	28
Texas	4,118	3,155	87	605	151	918	111	214	158	90	312	251	258	963	130	378	277	42	136
Utah	502	402	12	74	22	112	14	31	22	7	44	44	20	100	11	59	13	1	16
Vermont	64	60	8	21	3	9	0	0	1	1	8	7	2	4	0	4	0	0	0
Virginia	1,518	1,147	40	173	78	311	29	73	41	46	116	108	132	371	51	187	62	12	59
Washington	910	780	30	164	38	153	34	58	47	37	96	50	73	130	24	35	31	10	30
West Virginia	215	164	6	30	3	40	3	14	3	1	22	23	19	51	1	19	4	16	11
Wisconsin	940	759	28	168	21	133	9	66	52	11	108	63	100	181	20	57	62	8	34
Wyoming	84	76	5	17	1	26	8	0	2	1	9	5	2	8	0	8	0	0	0

^a Includes other non-science and engineering fields not shown separately.^b Includes the 50 states, the District of Columbia, and Puerto Rico.**Note(s):**

Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection, and the new broad, major, and detailed fields were used in tables reporting only the most recent data year. Therefore, the field of doctorate data in 2021 may not be comparable to prior years; see the "Technical Notes" for more information, table A-4 for a summary of SED-CIP codes in the new SED field taxonomy, table A-5 for a full list of SED-CIP codes in the new field taxonomy, and table A-6 for the SED-CIP code crosswalk to the historical field taxonomy.

Source(s):

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