

TABLE 7-10

Research doctorate recipients, by state or location of doctorate institution and broad field of doctorate: 2023

(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 non-science and engineering	
United States ^a	57,862	45,973	1,278	9,724	2,297	10,274	1,216	2,746	2,056	1,704	5,443	3,793	4,992	11,889	1,510	3,988	3,358	824	2,209	
Alabama	762	609	16	131	28	169	13	48	21	24	69	68	22	153	33	69	12	2	37	
Alaska	35	32	3	4	0	1	9	0	2	0	4	4	5	3	0	2	1	0	0	
Arizona	1,044	826	21	132	40	203	40	44	33	27	119	49	118	218	29	71	45	38	35	
Arkansas	219	176	19	42	11	34	5	6	7	5	25	10	12	43	13	12	5	0	13	
California	6,775	5,703	92	1,218	309	1,217	188	170	248	249	760	511	741	1,072	110	261	361	134	206	
Colorado	1,149	938	26	194	36	221	61	38	42	28	141	86	65	211	21	92	25	26	47	
Connecticut	799	659	11	193	13	107	12	32	37	17	101	42	94	140	22	15	64	17	22	
Delaware	261	237	8	33	9	97	5	7	12	8	21	9	28	24	1	0	12	4	7	
District of Columbia	521	374	0	90	12	46	0	32	8	8	35	48	95	147	10	33	72	1	31	
Florida	2,426	1,832	78	348	101	430	59	124	74	71	223	161	163	594	81	243	92	65	113	
Georgia	1,599	1,273	54	303	71	334	19	73	46	53	118	83	119	326	62	100	102	10	52	
Hawaii	164	112	4	16	1	9	15	7	7	4	12	11	26	52	5	26	13	4	4	
Idaho	137	115	12	26	12	24	10	8	3	4	6	6	4	22	0	17	2	0	3	
Illinois	2,478	1,908	38	338	121	454	21	90	117	57	233	181	258	570	82	119	224	59	86	
Indiana	1,656	1,318	31	227	82	394	29	34	76	52	187	79	127	338	33	114	111	22	58	
Iowa	741	609	42	141	26	154	7	35	44	15	69	35	41	132	37	58	13	7	17	
Kansas	553	418	27	86	11	89	6	22	26	16	39	46	50	135	13	53	22	4	43	
Kentucky	499	352	7	99	13	58	2	43	15	11	39	26	39	147	12	53	63	3	16	
Louisiana	630	462	30	112	17	98	11	27	18	14	40	24	71	168	20	44	70	12	22	
Maine	65	53	6	8	2	11	7	0	0	0	7	6	6	12	0	8	1	1	2	
Maryland	1,463	1,225	27	308	118	280	26	99	54	42	123	40	108	238	33	68	70	10	57	
Massachusetts	3,113	2,609	14	567	176	591	61	145	80	129	346	124	376	504	74	119	176	46	89	
Michigan	1,980	1,585	30	267	53	465	33	63	93	70	218	124	169	395	35	171	106	9	74	
Minnesota	1,369	1,001	34	162	15	125	10	180	24	21	81	229	120	368	66	145	41	11	105	
Mississippi	463	308	31	39	5	54	10	44	3	20	36	50	16	155	28	74	34	0	19	
Missouri	962	723	18	164	34	147	20	60	29	20	80	73	78	239	20	62	107	8	42	
Montana	138	109	7	31	5	10	6	3	6	1	13	16	11	29	0	21	6	0	2	
Nebraska	373	298	26	81	10	41	3	32	18	8	23	31	25	75	4	33	20	0	18	
Nevada	278	233	7	37	8	45	15	15	10	10	23	38	25	45	8	25	10	0	2	
New Hampshire	187	171	5	49	2	32	6	12	12	3	38	6	6	16	1	6	9	0	0	
New Jersey	1,189	923	27	147	73	229	14	33	55	37	133	36	139	266	36	55	100	21	54	
New Mexico	262	197	10	26	5	65	10	7	8	1	31	18	16	65	3	34	16	1	11	
New York	4,336	3,401	61	828	207	623	74	169	140	130	388	305	476	935	91	231	303	126	184	
North Carolina	1,953	1,591	55	413	70	352	24	116	91	60	169	94	147	362	38	120	101	13	90	

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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 non-science and engineering
North Dakota	177	144	14	21	2	48	2	8	13	2	14	17	3	33	4	18	5	0	6
Ohio	1,921	1,468	31	338	27	361	15	118	70	58	202	122	126	453	37	200	109	28	79
Oklahoma	499	358	16	64	14	88	19	19	17	9	34	43	35	141	32	42	27	11	29
Oregon	542	443	39	73	25	67	14	32	28	7	49	52	57	99	13	33	20	3	30
Pennsylvania	2,725	2,177	19	494	124	569	30	159	106	110	227	123	216	548	98	134	165	41	110
Puerto Rico	205	146	4	28	1	11	7	0	0	1	13	76	5	59	2	1	51	0	5
Rhode Island	337	292	2	63	16	48	18	12	18	6	56	6	47	45	3	8	26	4	4
South Carolina	581	443	18	90	20	142	8	49	20	12	46	15	23	138	8	78	17	0	35
South Dakota	116	104	13	21	6	21	1	12	0	1	11	15	3	12	1	1	4	0	6
Tennessee	998	775	25	200	30	177	16	47	21	31	92	76	60	223	22	95	62	6	38
Texas	4,525	3,495	92	689	156	1,031	146	223	157	103	352	270	276	1,030	169	390	281	43	147
Utah	583	496	9	100	25	120	24	33	23	6	73	58	25	87	10	44	17	0	16
Vermont	66	59	6	26	2	8	0	1	3	2	6	5	0	7	0	4	2	0	1
Virginia	1,630	1,289	45	211	77	413	33	60	36	59	107	119	129	341	35	201	52	6	47
Washington	985	831	27	197	35	177	31	74	36	48	78	48	80	154	29	41	31	8	45
West Virginia	245	180	7	34	8	39	2	12	9	7	27	21	14	65	6	42	4	7	6
Wisconsin	1,055	814	28	203	31	166	12	69	36	25	98	52	94	241	20	89	76	13	43
Wyoming	93	79	6	12	2	29	7	0	4	2	8	6	3	14	0	13	0	0	1

^a United States 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 new broad, major, and detailed fields are used in tables reporting data from 2021 to the present; see the field list in table A-4. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. For more information about the 2021 taxonomy change, see the "Technical Notes."

Source(s):

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