

TABLE 7-6

State or location of doctorate institution ranked by total number of research doctorate recipients, by field of doctorate and sex: 2023

(Number)

State or location	Rank	Total ^a	Male	Female	Science and engineering			Non-science and engineering		
					Total	Male	Female	Total	Male	Female
California	1	6,775	3,670	3,105	5,703	3,227	2,476	1,072	443	629
Texas	2	4,525	2,462	2,062	3,495	2,028	1,466	1,030	434	596
New York	3	4,336	2,285	2,050	3,401	1,884	1,516	935	401	534
Massachusetts	4	3,113	1,686	1,427	2,609	1,453	1,156	504	233	271
Pennsylvania	5	2,725	1,427	1,297	2,177	1,188	988	548	239	309
Illinois	6	2,478	1,317	1,161	1,908	1,057	851	570	260	310
Florida	7	2,426	1,250	1,176	1,832	1,022	810	594	228	366
Michigan	8	1,980	1,070	910	1,585	920	665	395	150	245
North Carolina	9	1,953	998	955	1,591	845	746	362	153	209
Ohio	10	1,921	991	930	1,468	827	641	453	164	289
Indiana	11	1,656	971	685	1,318	817	501	338	154	184
Virginia	12	1,630	835	795	1,289	734	555	341	101	240
Georgia	13	1,599	809	790	1,273	689	584	326	120	206
Maryland	14	1,463	786	677	1,225	685	540	238	101	137
Minnesota	15	1,369	549	819	1,001	428	572	368	121	247
New Jersey	16	1,189	625	564	923	523	400	266	102	164
Colorado	17	1,149	571	578	938	489	449	211	82	129
Wisconsin	18	1,055	549	506	814	460	354	241	89	152
Arizona	19	1,044	550	493	826	471	354	218	79	139
Tennessee	20	998	514	484	775	432	343	223	82	141
Washington	21	985	501	484	831	438	393	154	63	91
Missouri	22	962	526	436	723	398	325	239	128	111
Connecticut	23	799	438	361	659	377	282	140	61	79
Alabama	24	762	380	382	609	316	293	153	64	89
Iowa	25	741	415	326	609	353	256	132	62	70
Louisiana	26	630	301	329	462	238	224	168	63	105
Utah	27	583	324	258	496	289	206	87	35	52
South Carolina	28	581	314	267	443	261	182	138	53	85
Kansas	29	553	265	288	418	215	203	135	50	85
Oregon	30	542	272	270	443	230	213	99	42	57
District of Columbia	31	521	226	295	374	164	210	147	62	85
Kentucky	32	499	265	234	352	183	169	147	82	65
Oklahoma	32	499	291	208	358	216	142	141	75	66
Mississippi	34	463	215	248	308	149	159	155	66	89
Nebraska	35	373	181	192	298	151	147	75	30	45
Rhode Island	36	337	192	145	292	169	123	45	23	22
Nevada	37	278	138	140	233	129	104	45	9	36
New Mexico	38	262	150	112	197	120	77	65	30	35
Delaware	39	261	143	118	237	135	102	24	8	16
West Virginia	40	245	107	138	180	86	94	65	21	44
Arkansas	41	219	124	95	176	104	72	43	20	23
Puerto Rico	42	205	78	127	146	50	96	59	28	31
New Hampshire	43	187	92	95	171	85	86	16	7	9
North Dakota	44	177	98	79	144	83	61	33	15	18
Hawaii	45	164	69	95	112	56	56	52	13	39
Montana	46	138	68	70	109	60	49	29	8	21
Idaho	47	137	73	64	115	69	46	22	D	D
South Dakota	48	116	66	50	104	58	46	12	D	D
Wyoming	49	93	51	42	79	47	32	14	D	D
Vermont	50	66	28	37	59	27	31	7	D	D

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(Number)

State or location	Rank	Total ^a	Male	Female	Science and engineering			Non-science and engineering		
					Total	Male	Female	Total	Male	Female
Maine	51	65	32	33	53	28	25	12	D	D
Alaska	52	35	18	17	32	17	15	3	D	D

D = suppressed to avoid disclosure of confidential information.

^a Total includes doctorate recipients who did not report sex.**Note(s):**

Tied states or locations are listed alphabetically.

Source(s):

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