

Table 5-4

Baccalaureate-origin institution characteristics of research doctorate recipients, by broad field of doctorate: 2022

(Number)

Baccalaureate-origin institution characteristics	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		
Doctorate recipients reporting bachelor's degree	54,722	43,676	1,236	9,002	2,071	10,242	1,118	2,571	2,069	1,700	5,195	3,626	4,846	11,046	1,328	3,709	3,195	802	2,012		
U.S. baccalaureate-origin institutions	34,341	26,232	721	6,698	691	4,216	710	1,857	1,034	760	3,160	3,283	3,102	8,109	604	3,077	2,504	594	1,330		
Institution control																					
Public	20,633	15,863	549	4,022	391	2,893	440	1,118	567	440	1,802	1,914	1,727	4,770	366	2,076	1,234	275	819		
Private, not-for-profit	13,528	10,255	170	2,672	296	1,318	270	711	467	319	1,351	1,325	1,356	3,273	229	979	1,253	318	494		
Private, for-profit	125	86	1	1	3	3	0	26	0	0	1	39	12	39	5	15	7	0	12		
2018 Carnegie Classification																					
R1: doctoral universities - very high research	17,542	14,322	424	3,628	430	2,956	395	799	564	451	1,565	1,522	1,588	3,220	299	1,166	972	282	501		
R2: doctoral universities - high research	4,664	3,387	92	818	81	593	99	283	108	90	407	448	368	1,277	103	573	314	75	212		
Doctoral/ professional universities	1,538	1,006	19	215	19	61	16	133	49	26	109	206	153	532	32	199	169	18	114		
Master's colleges and universities	5,453	3,770	106	974	79	324	77	376	150	89	522	630	443	1,683	99	723	485	76	300		
Baccalaureate colleges	4,626	3,434	74	1,000	71	236	116	204	159	100	531	428	515	1,192	47	360	494	118	173		
Other universities	518	313	6	63	11	46	7	62	4	4	26	49	35	205	24	56	70	25	30		
Historically Black college or university																					
Yes	642	392	24	87	9	45	2	51	3	11	35	68	57	250	15	143	37	10	45		
No	33,650	25,815	696	6,608	682	4,169	708	1,804	1,031	748	3,119	3,211	3,039	7,835	585	2,928	2,459	583	1,280		
Non-U.S. baccalaureate-origin institutions	19,800	16,979	503	2,233	1,347	5,897	404	691	1,013	917	1,975	316	1,683	2,821	694	604	668	201	654		
Top countries or economies	14,064	12,339	262	1,522	1,073	4,715	271	503	742	691	1,453	207	900	1,725	540	379	280	94	432		
China	5,963	5,367	118	708	490	1,829	153	157	479	301	725	76	331	596	232	126	57	29	152		
India	2,705	2,515	42	350	236	1,094	40	118	86	145	281	19	104	190	77	29	29	4	51		
Iran	1,398	1,294	22	77	136	748	14	15	36	83	117	5	41	104	43	17	8	7	29		
South Korea	1,084	732	18	67	34	230	14	28	47	42	62	33	157	352	104	71	53	15	109		
Bangladesh	616	580	11	40	58	288	8	15	4	33	83	1	39	36	16	1	3	2	14		
Canada	589	437	5	88	22	65	19	19	27	11	59	46	76	152	20	17	77	19	19		
Saudi Arabia	491	384	6	51	46	98	3	78	22	25	21	5	29	107	10	59	17	2	19		
Taiwan	472	415	18	71	22	137	11	16	22	24	61	6	27	57	9	16	11	7	14		
Turkey	409	336	8	30	17	147	4	4	12	15	23	14	62	73	17	27	13	8	8		
Nigeria	337	279	14	40	12	79	5	53	7	12	21	2	34	58	12	16	12	1	17		

Note(s):

Tied countries or economies are listed alphabetically. Carnegie classification is based on the 2018 Carnegie Classifications: Doctoral universities - very high research (R1), Doctoral universities - high research (R2), Doctoral/ professional universities, and other universities, which includes all other Carnegie classifications (e.g., special focus institutions) and institutions without Carnegie classifications. 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, see the "Technical Notes" and the SED 2021 Taxonomy Changes Working Paper (available at <https://nces.nsf.gov/pubs/nces23200>).

Source(s):

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