

TABLE 5-4
Baccalaureate-origin institution characteristics of research doctorate recipients, by broad field of doctorate: 2023

(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	54,618	43,483	1,209	9,285	2,165	10,115	1,159	2,522	1,973	1,623	5,185	3,483	4,764	11,135	1,410	3,742	3,145	769	2,069
U.S. baccalaureate-origin institutions	34,884	26,699	736	6,982	787	4,404	748	1,860	1,003	799	3,215	3,172	2,993	8,185	664	3,148	2,402	572	1,399
Institution control																			
Public	21,184	16,344	568	4,201	440	3,067	485	1,177	559	469	1,852	1,829	1,697	4,840	415	2,120	1,152	266	887
Private, not-for-profit	13,539	10,247	165	2,774	342	1,331	263	657	443	329	1,361	1,296	1,286	3,292	238	1,010	1,241	305	498
Private, for-profit	125	86	1	3	3	4	0	22	0	1	1	41	10	39	9	10	6	1	13
2021 Carnegie Classification																			
R1: doctoral universities - very high research	18,771	15,190	443	3,975	511	3,170	417	867	587	487	1,671	1,476	1,586	3,581	359	1,323	979	282	638
R2: doctoral universities - high research	4,493	3,227	82	812	95	496	95	293	84	101	373	428	368	1,266	104	568	313	64	217
Doctoral/ professional universities	1,641	1,100	17	276	22	84	25	150	32	31	136	224	103	541	41	231	165	19	85
Master's colleges and universities	4,942	3,468	99	881	76	353	86	321	157	79	491	543	382	1,474	93	625	405	79	272
Baccalaureate colleges	4,550	3,383	85	966	75	244	122	165	138	93	522	456	517	1,167	56	346	492	110	163
Other universities	487	331	10	72	8	57	3	64	5	8	22	45	37	156	11	55	48	18	24
Historically Black college or university																			
Yes	622	387	17	78	15	47	2	46	7	19	25	60	71	235	16	142	23	3	51
No	34,226	26,290	717	6,900	770	4,355	746	1,810	995	780	3,189	3,106	2,922	7,936	646	2,998	2,376	569	1,347
Non-U.S. baccalaureate-origin institutions	19,315	16,459	466	2,252	1,360	5,614	403	643	952	808	1,941	291	1,729	2,856	727	561	726	193	649
Top countries or economies	13,848	12,094	235	1,616	1,128	4,414	290	439	726	614	1,429	213	990	1,754	581	332	329	114	398
China ^a	5,939	5,304	105	756	500	1,749	156	134	455	259	754	78	358	635	251	122	76	39	147
India	2,774	2,590	62	392	275	1,051	33	107	95	140	289	25	121	184	89	17	25	10	43
Iran	1,210	1,113	16	82	122	610	21	15	18	67	102	7	53	97	49	12	D	D	22
South Korea	1,031	708	13	54	31	226	10	31	42	27	51	33	190	323	102	57	59	15	90
Bangladesh	628	596	9	57	70	297	D	22	11	33	58	D	28	32	15	D	D	0	12
Canada	510	381	7	75	19	63	21	20	21	19	41	34	61	129	19	13	58	20	19
Taiwan	503	449	6	81	30	149	13	23	22	21	70	7	27	54	11	12	13	6	12
Saudi Arabia	468	355	D	28	42	106	D	71	23	15	24	5	32	113	13	55	11	5	29
Turkey	408	326	9	34	25	118	7	D	11	22	20	D	65	82	23	D	15	D	10
United Kingdom	377	272	D	57	14	45	16	D	28	11	20	10	55	105	9	8	60	14	14

D = suppressed to avoid disclosure of confidential information.

^a China includes Hong Kong.

Note(s):

Tied countries or economies are listed alphabetically. Carnegie classification is based on the 2021 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 about the 2021 taxonomy change, see the "Technical Notes."

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.