

Table 5-4. Baccalaureate-origin institution characteristics of research doctorate recipients, by broad field of doctorate: 2024

(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	54,942	43,959	1,221	9,405	2,416	9,944	1,157	2,626	1,914	1,554	5,152	3,658	4,912	10,983	1,268	3,700	3,102	822	2,091	
U.S. baccalaureate-origin institutions	35,324	27,323	678	7,152	908	4,483	811	1,977	995	780	3,202	3,309	3,028	8,001	590	3,045	2,349	619	1,398	
Institution control																				
Public	21,581	16,891	511	4,379	520	3,073	516	1,243	591	507	1,889	1,949	1,713	4,690	341	2,055	1,154	285	855	
Private, not-for-profit	13,530	10,300	164	2,759	380	1,395	295	708	403	268	1,309	1,318	1,301	3,230	227	965	1,188	333	517	
Private, for-profit	161	97	1	8	5	9	0	24	0	4	0	37	9	64	19	19	2	0	24	
2021 Carnegie Classification																				
R1: doctoral universities - very high research	19,000	15,611	414	4,087	598	3,214	480	921	572	490	1,693	1,499	1,643	3,389	300	1,267	980	245	597	
R2: doctoral universities - high research	4,680	3,409	67	835	100	549	79	302	104	100	404	506	363	1,271	94	575	283	88	231	
Doctoral/ professional universities	1,673	1,137	19	299	30	80	18	162	42	18	122	242	105	536	44	211	145	39	97	
Master's colleges and universities	4,938	3,435	94	919	78	309	84	319	129	83	469	568	383	1,503	92	592	443	108	268	
Baccalaureate colleges	4,466	3,361	77	935	86	270	142	202	144	77	497	436	495	1,105	39	352	435	116	163	
Other universities	567	370	7	77	16	61	8	71	4	12	17	58	39	197	21	48	63	23	42	
Historically Black college or university																				
Yes	661	423	15	93	20	46	4	67	8	17	28	66	59	238	14	139	21	7	57	
No	34,623	26,875	661	7,053	888	4,432	807	1,909	986	763	3,171	3,240	2,965	7,748	573	2,902	2,323	611	1,339	
Non-U.S. baccalaureate-origin institutions	19,218	16,336	538	2,205	1,467	5,383	343	633	907	762	1,923	325	1,850	2,882	655	629	729	199	670	
Top countries or economies	13,673	11,944	283	1,560	1,187	4,336	228	466	700	584	1,365	222	1,013	1,729	507	374	324	98	426	
China ^a	5,953	5,332	119	757	548	1,705	146	137	449	267	717	81	406	621	237	136	81	36	131	
India	2,663	2,464	48	343	251	1,016	25	104	97	132	294	26	128	199	64	31	35	14	55	
Iran	1,039	941	17	62	105	552	7	21	10	44	78	5	40	98	33	6	19	5	35	
South Korea	1,019	706	25	73	37	212	5	41	47	28	42	25	171	313	87	60	56	14	96	
Bangladesh	772	734	17	65	100	356	11	33	13	37	66	2	34	38	12	3	3	0	20	
Canada	491	360	9	77	17	59	2	20	18	17	39	40	62	131	20	12	63	19	17	
Saudi Arabia	468	349	5	41	54	93	2	54	29	12	15	7	37	119	12	62	17	1	27	
Taiwan	462	409	11	59	31	113	19	19	16	23	61	12	45	53	9	12	9	3	20	
Turkey	431	346	9	45	26	130	4	5	16	13	19	16	63	85	17	27	25	5	11	
Nigeria	375	303	23	38	18	100	7	32	5	11	34	8	27	72	16	25	16	1	14	

^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.