

Table 7-9**Top 20 baccalaureate-origin institutions ranked by 2018 Carnegie Classification category and total number of research doctorate recipients, by field of doctorate: 2021**

(Number)

2018 Carnegie Classification and baccalaureate-origin institution	Rank ^a	All fields	Science and engineering	Non-science and engineering
U.S. institutions by 2018 Carnegie Classification	-	30,852	23,490	7,362
R1: doctoral universities - very high research	-	15,934	12,897	3,037
U. California, Berkeley	1	511	434	77
U. Michigan, Ann Arbor	2	354	310	44
U. Florida	3	311	250	61
Cornell U.	4	305	262	43
U. Wisconsin-Madison	5	293	245	48
U. California, Los Angeles	6	289	241	48
U. Texas, Austin	6	289	233	56
Pennsylvania State U.	8	269	216	53
U. Illinois, Urbana-Champaign	9	268	229	39
Ohio State U., Columbus	10	242	194	48
U. Washington, Seattle	11	228	199	29
U. Maryland, College Park	12	225	194	31
U. California, San Diego	13	219	197	22
U. California, Davis	14	209	188	21
Massachusetts Institute of Technology	15	207	199	8
Purdue U., West Lafayette	16	204	180	24
Texas A&M U., College Station and Health Science Center	16	204	166	38
U. Minnesota, Twin Cities	18	203	183	20
U. North Carolina, Chapel Hill	19	201	164	37
Harvard U.	20	196	150	46
R2: doctoral universities - high research	-	4,143	3,021	1,122
Brigham Young U., Provo	1	257	180	77
C. of William and Mary	2	106	72	34
U. Maryland, Baltimore County	3	81	71	10
Miami U., Oxford	4	80	59	21
Rochester Institute of Technology	5	67	59	8
Baylor U.	6	65	47	18
San Diego State U., San Diego	7	64	43	21
U. Texas, San Antonio	8	61	43	18
U. Puerto Rico, Rio Piedras	9	57	42	15
U. Vermont	9	57	45	12
Ohio U., Athens	11	56	36	20
Wake Forest U.	11	56	37	19
Kent State U., Kent	13	54	37	17
Utah State U., Logan	14	53	36	17
New Mexico State U., Las Cruces	15	52	40	12
Central Michigan U.	16	51	30	21
Missouri U. of Science and Technology	16	51	49	2
Northern Arizona U.	16	51	39	12
Loyola U., Chicago	19	47	39	8
U. Toledo	19	47	28	19
Doctoral/ professional universities	-	1,340	930	410
U. North Florida	1	37	29	8
California State U., Fresno	2	36	29	7
Middle Tennessee State U.	2	36	26	10
Creighton U.	4	34	26	8
Indiana U. Pennsylvania	5	30	15	15

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Gonzaga U.	6	28	22	6
Santa Clara U.	7	27	23	4
U. Northern Colorado	8	26	12	14
U. Central Arkansas	9	25	17	8
Seattle U.	10	24	20	4
Western Kentucky U.	10	24	15	9
Missouri State U., Springfield	12	23	18	5
Adelphi U.	13	22	14	8
Texas Woman's U.	13	22	14	8
Towson U.	13	22	18	4
Valdosta State U.	13	22	13	9
Andrews U.	17	21	13	8
Elon U.	17	21	15	6
Pepperdine U.	17	21	7	14
Loyola U., New Orleans	20	19	14	5
U. Tennessee, Chattanooga	20	19	15	4
Master's colleges and universities	-	4,935	3,362	1,573
James Madison U.	1	84	60	24
SUNY, Geneseo	2	63	56	7
California Polytechnic State U., San Luis Obispo	3	59	53	6
Grand Valley State U.	4	58	42	16
San Francisco State U.	4	58	46	12
California State U., Long Beach	6	56	34	22
CUNY, Hunter C.	7	54	47	7
U. Puerto Rico, Mayaguez	8	51	47	4
C. New Jersey	9	49	35	14
California State U., Fullerton	10	46	31	15
Western Washington U.	11	45	32	13
Ithaca C.	12	42	23	19
C. Charleston	13	41	32	9
California State U., Northridge	13	41	31	10
Truman State U.	15	40	23	17
San Jose State U.	16	38	30	8
Calvin C.	17	37	28	9
California State Polytechnic U., Pomona	18	36	33	3
Trinity U.	19	35	26	9
Appalachian State U.	20	33	24	9
Baccalaureate colleges	-	4,256	3,125	1,131
Swarthmore C.	1	69	52	17
Oberlin C.	2	67	38	29
Williams C., Williamstown	2	67	54	13
St. Olaf C.	4	66	53	13
Carleton C.	5	65	52	13
Wesleyan U.	6	61	40	21
Amherst C.	7	56	44	12
Vassar C.	7	56	39	17
Wellesley C.	7	56	48	8
Barnard C.	10	55	40	15
Macalester C.	11	52	32	20

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Smith C.	12	50	40	10
Grinnell C.	13	48	36	12
Reed C.	14	47	33	14
Mount Holyoke C.	15	45	33	12
Haverford C.	16	43	33	10
Bowdoin C.	17	42	37	5
Colgate U.	17	42	32	10
Middlebury C.	17	42	31	11
Bucknell U.	20	41	35	6
Colorado C.	20	41	34	7
Other ^b	-	244	155	89
Rose-Hulman Institute of Technology	1	25	25	0
U. of the Sciences Philadelphia	2	10	10	0
Franklin W. Olin C. of Engineering	3	9	8	1
Moody Bible Institute	4	7	1	6
U. Maryland, Baltimore	4	7	7	0
Berklee C. of Music	6	5	1	4
Franklin U.	6	5	3	2
South Dakota School of Mines and Technology	6	5	5	0
U. Oklahoma, Oklahoma City	6	5	4	1
U. Texas Health Science Center, San Antonio	6	5	5	0
Loma Linda U.	11	4	3	1
Multnomah U.	11	4	0	4
Polytechnic U. Puerto Rico, San Juan	11	4	4	0
U. of the Arts	11	4	1	3
Bethel C., Hampton	15	3	1	2
Juilliard School	15	3	0	3
Kent State U., Jackson Township	15	3	1	2
King's U.	15	3	1	2
Maryland Institute C. of Art	15	3	2	1
New England Conservatory	15	3	0	3
Oregon Health and Science U.	15	3	2	1
Rhode Island School of Design	15	3	1	2
School of the Art Institute of Chicago	15	3	1	2
Texas Tech U., Health Sciences Center	15	3	2	1
U. Nebraska, Medical Center	15	3	3	0
U. Texas Health Science Center, Houston	15	3	3	0
Non-U.S. institutions	-	17,616	15,008	2,608
Beijing U.	1	353	310	43
Tsinghua U.	2	270	251	19
U. of Science and Technology of China (USTC)	2	270	266	4
Sharif U. of Technology	4	260	246	14
Shanghai Jiaotong U.	5	195	188	7
Seoul National U.	6	194	130	64
Bangladesh U. of Engineering and Technology	7	181	175	6
Zhejiang U.	8	179	173	6
Huazhong U. of Science and Technology	9	174	166	8
National Taiwan U.	10	172	161	11
Tribhuvan U.	11	169	165	4

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U. of Tehran	12	161	141	20
Fudan U.	13	155	145	10
Nanjing U.	13	155	148	7
Islamic Azad U.	15	128	109	19
Nankai U.	16	127	114	13
U. of Dhaka	17	121	110	11
King Saud U.	18	116	86	30
Shandong U.	19	114	106	8
Yonsei U.	20	111	70	41

^a Rank is based on total number of doctorate recipients among both U.S. and non-U.S. baccalaureate-origin institutions.

^b Other includes all other Carnegie classifications (e.g., special focus institutions) and institutions without Carnegie classifications.

Source(s):

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