

Table 7-9. Top 20 baccalaureate-origin institutions ranked by 2021 Carnegie Classification category and total number of research doctorate recipients, by field of doctorate: 2024

(Number)

2021 Carnegie Classification and baccalaureate-origin institution	Rank ^a	All fields	Science and engineering	Non-science and engineering
U.S. institutions by 2021 Carnegie Classification	-	35,040	27,139	7,901
R1: doctoral universities - very high research	-	19,000	15,611	3,389
U. California, Berkeley	1	558	492	66
U. Illinois, Urbana-Champaign	2	395	343	52
U. Michigan, Ann Arbor	3	357	310	47
U. California, Los Angeles	4	349	292	57
U. Florida	5	317	247	70
U. Wisconsin-Madison	6	310	268	42
Cornell U.	7	306	263	43
U. Texas, Austin	8	295	225	70
U. California, San Diego	9	290	255	35
Ohio State U., Columbus	10	287	248	39
Pennsylvania State U.	11	273	232	41
U. Maryland, College Park	12	271	237	34
U. California, Davis	13	269	242	27
Purdue U., West Lafayette	14	254	243	11
U. Washington, Seattle	15	240	210	30
Texas A&M U., College Station	16	231	191	40
Michigan State U.	17	230	188	42
Rutgers, State U. New Jersey, New Brunswick	18	226	186	40
Massachusetts Institute of Technology	19	223	217	6
U. Chicago	20	220	178	42
U. North Carolina, Chapel Hill	20	220	174	46
R2: doctoral universities - high research	-	4,680	3,409	1,271
Brigham Young U., Provo	1	293	185	108
William & Mary	2	135	104	31
U. Puerto Rico, Rio Piedras	3	105	87	18
California State U., Long Beach	4	82	58	24
San Diego State U., San Diego	5	76	49	27
Florida Atlantic U.	6	73	55	18
Miami U., Oxford	6	73	57	16
James Madison U.	8	72	43	29
San Francisco State U.	9	66	47	19
Northern Arizona U.	10	65	52	13
Howard U.	11	64	43	21
Rochester Institute of Technology	12	63	55	8
U. Vermont	13	62	55	7
Texas State U.	14	60	37	23
Central Michigan U.	15	56	38	18
Southern Illinois U., Carbondale	16	55	37	18
U. Wyoming	16	55	38	17
Worcester Polytechnic Institute	16	55	55	0
California State U., Fullerton	19	54	38	16
Lehigh U.	20	53	48	5
Wake Forest U.	20	53	39	14
Doctoral/ professional universities	-	1,673	1,137	536
Grand Valley State U.	1	68	56	12
Liberty U.	2	43	27	16
Missouri State U., Springfield	3	40	23	17
Saint Mary's U. Minnesota	4	36	30	6
Santa Clara U.	4	36	31	5
Gonzaga U.	6	32	26	6

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U. Tennessee, Chattanooga	7	30	23	7
Hampton U.	8	28	19	9
Harding U.	8	28	22	6
Western Kentucky U.	8	28	20	8
U. Central Arkansas	11	26	15	11
U. Northern Colorado	11	26	12	14
Hofstra U.	13	24	17	7
Seattle U.	13	24	16	8
Pace U.	15	23	17	6
Pepperdine U.	15	23	13	10
Xavier U.	15	23	15	8
Eastern Kentucky U.	18	22	15	7
Seattle Pacific U.	18	22	17	5
Abilene Christian U.	20	21	16	5
Southern Illinois U., Edwardsville	20	21	19	2
Texas Woman's U.	20	21	16	5
U. Phoenix, Phoenix	20	21	16	5
Master's colleges and universities	-	4,938	3,435	1,503
U. Puerto Rico, Mayaguez	1	88	80	8
California Polytechnic State U., San Luis Obispo	2	87	80	7
CUNY, Hunter C.	3	67	42	25
SUNY, Geneseo	4	63	47	16
Appalachian State U.	5	52	29	23
Towson U.	6	51	38	13
California State U., Northridge	7	50	38	12
C. New Jersey	8	48	35	13
California State Polytechnic U., Pomona	8	48	42	6
Truman State U.	10	45	34	11
Western Washington U.	10	45	30	15
C. Charleston	12	43	36	7
Humboldt State U.	13	42	36	6
Ithaca C.	14	39	22	17
California State U., Los Angeles	15	35	30	5
San Jose State U.	15	35	31	4
Calvin U.	17	34	24	10
Utah Valley U.	18	33	24	9
New Mexico Institute of Mining and Technology	19	32	31	1
California State U., Chico	20	31	24	7
U. Central Oklahoma	20	31	19	12
Baccalaureate colleges	-	4,466	3,361	1,105
Swarthmore C.	1	83	66	17
Oberlin C.	2	80	59	21
Carleton C.	3	73	64	9
Barnard C.	4	67	50	17
Pomona C.	4	67	54	13
Vassar C.	6	65	47	18
Williams C.	6	65	48	17
Wellesley C.	8	64	46	18
Wesleyan U.	9	63	51	12
Mount Holyoke C.	10	57	50	7
Smith C.	11	53	42	11
St. Olaf C.	11	53	38	15

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Bucknell U.	13	51	45	6
Macalester C.	13	51	42	9
Middlebury C.	15	50	41	9
U.S. Air Force Academy	16	49	37	12
Haverford C.	17	48	43	5
Grinnell C.	18	47	39	8
Harvey Mudd C.	19	45	45	0
Amherst C.	20	44	32	12
C. Wooster	20	44	39	5
Furman U.	20	44	29	15
Other universities ^a	-	283	186	97
Rose-Hulman Institute of Technology	1	27	27	0
U. Maryland, Baltimore	2	13	10	3
Moody Bible Institute	3	8	1	7
School of the Art Institute of Chicago	4	7	2	5
U. California, San Francisco	4	7	6	1
Franklin W. Olin C. Engineering	6	6	6	0
U. Texas Health Science Center, San Antonio	6	6	5	1
U. Tennessee, Health Science Center	8	5	5	0
Non-U.S. institutions	-	19,218	16,336	2,882
Beijing U.	1	332	303	29
Tsinghua U.	2	291	273	18
Bangladesh U. of Engineering and Technology	3	287	282	5
U. of Science and Technology of China (USTC)	4	284	280	4
Tribhuvan U.	5	217	206	11
Zhejiang U.	6	208	201	7
Shanghai Jiaotong U.	7	197	193	4
U. of Dhaka	8	191	175	16
National Taiwan U.	9	187	168	19
Fudan U.	10	172	153	19
Sharif U. of Technology	10	172	162	10
Nanjing U.	12	169	160	9
Seoul National U.	13	161	119	42
U. of Delhi	14	153	116	37
Wuhan U.	15	149	136	13
Huazhong U. of Science and Technology	16	141	133	8
Nankai U.	17	137	131	6
Islamic Azad U.	18	134	115	19
Yonsei U.	19	132	97	35
Sun Yat-Sen U.	20	128	115	13
U. of Mumbai	20	128	118	10

- = no value (rank) possible.

^a Rank is based on the total number of doctorate recipients among both U.S. and non-U.S. baccalaureate-origin institutions. Only institutions with five or more doctorate recipients are listed.

Note(s):

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.

Source(s):

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