

Table 7-3. Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2024

(Number)

Field and institution	Rank	Total ^a	Male	Female
Science and engineering	-	46,394	25,241	21,152
From top 20 institutions	-	12,466	7,107	5,359
U. Michigan, Ann Arbor	1	832	458	374
Purdue U., West Lafayette	2	731	480	251
U. Wisconsin-Madison	3	699	368	331
U. Illinois, Urbana-Champaign	4	689	452	237
U. California, Berkeley	5	678	414	264
U. California, Los Angeles	6	655	378	277
Massachusetts Institute of Technology	7	652	422	230
Texas A&M U., College Station	8	648	411	237
Stanford U.	9	638	374	264
U. Texas, Austin	10	621	384	237
U. Florida	11	619	330	289
Pennsylvania State U.	12	600	352	248
U. Washington, Seattle	12	600	286	314
U. Minnesota, Twin Cities	14	575	334	241
U. California, Davis	15	568	287	281
Ohio State U., Columbus	16	559	305	254
Harvard U.	17	543	285	258
Georgia Institute of Technology	18	528	373	155
Cornell U.	19	518	291	227
Walden U.	20	513	123	390
Agricultural sciences and natural resources	-	1,309	601	708
From top 20 institutions	-	711	330	381
U. Georgia	1	66	37	29
U. Florida	2	58	28	30
Cornell U.	3	50	25	25
Ohio State U., Columbus	4	45	17	28
Texas A&M U., College Station	5	41	23	18
U. Wisconsin-Madison	6	40	10	30
Kansas State U.	7	36	16	20
Virginia Polytechnic Institute and State U.	7	36	14	22
U. California, Davis	9	34	11	23
U. Illinois, Urbana-Champaign	9	34	19	15
Michigan State U.	11	32	16	16
U. Nebraska, Lincoln	12	31	20	11
Iowa State U.	13	29	14	15
North Carolina State U.	14	27	15	12
Texas Tech U.	14	27	7	20
Washington State U.	14	27	13	14
Louisiana State U., Baton Rouge	17	26	10	16
Mississippi State U.	18	24	15	9
Purdue U., West Lafayette	18	24	10	14
U. Minnesota, Twin Cities	18	24	10	14
Biological and biomedical sciences	-	9,797	4,308	5,488
From top 20 institutions	-	2,863	1,256	1,607
Harvard U.	1	192	87	105
U. Michigan, Ann Arbor	2	183	75	108
U. Wisconsin-Madison	3	177	77	100
U. Florida	4	175	79	96
U. Pennsylvania	5	174	81	93
U. California, Davis	6	173	64	109

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Field and institution	Rank	Total ^a	Male	Female
U. Washington, Seattle	7	160	63	97
Johns Hopkins U.	8	159	73	86
U. Minnesota, Twin Cities	9	137	68	69
Yale U.	9	137	57	80
U. California, Los Angeles	11	136	61	75
Washington U., Saint Louis	12	129	67	62
U. California, Berkeley	13	123	51	72
U. North Carolina, Chapel Hill	13	123	49	74
Duke U.	15	120	49	71
Ohio State U., Columbus	15	120	56	64
Columbia U. in the City of New York	17	116	51	65
Stanford U.	18	113	54	59
U. Georgia	19	109	46	63
Cornell U.	20	107	48	59
Computer and information sciences	-	2,595	1,922	673
From top 20 institutions	-	948	705	243
Massachusetts Institute of Technology	1	85	67	18
U. Illinois, Urbana-Champaign	2	80	63	17
Carnegie Mellon U.	3	77	62	15
U. Southern California	4	59	46	13
Stanford U.	5	55	40	15
Georgia Institute of Technology	6	54	37	17
U. Maryland, College Park	6	54	39	15
Cornell U.	8	49	33	16
Purdue U., West Lafayette	9	48	38	10
U. California, Berkeley	10	44	33	11
U. California, Los Angeles	10	44	35	9
U. Washington, Seattle	10	44	24	20
U. California, Irvine	13	37	28	9
Northeastern U.	14	35	28	7
Princeton U.	14	35	24	11
U. Texas, Austin	16	33	26	7
Pennsylvania State U.	17	32	16	16
North Carolina State U.	18	29	22	7
U. California, San Diego	19	27	22	5
U. Central Florida	19	27	22	5
Engineering	-	10,544	7,610	2,934
From top 20 institutions	-	3,914	2,808	1,106
Purdue U., West Lafayette	1	335	257	78
Georgia Institute of Technology	2	320	230	90
Texas A&M U., College Station	3	256	196	60
U. Michigan, Ann Arbor	4	254	171	83
Massachusetts Institute of Technology	5	248	163	85
U. Illinois, Urbana-Champaign	6	220	171	49
U. Texas, Austin	7	215	157	58
Stanford U.	8	211	131	80
Pennsylvania State U.	9	203	144	59
North Carolina State U.	10	194	142	52
Virginia Polytechnic Institute and State U.	10	194	136	58
U. California, Berkeley	12	157	106	51
U. California, Los Angeles	13	146	115	31
Ohio State U., Columbus	14	142	98	44

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(Number)

Field and institution	Rank	Total ^a	Male	Female
Arizona State U., Tempe	15	140	104	36
Northwestern U.	16	137	81	56
U. California, San Diego	16	137	111	26
U. Florida	16	137	107	30
U. Colorado Boulder	19	135	102	33
Carnegie Mellon U.	20	133	86	47
Geosciences, atmospheric, and ocean sciences	-	1,204	605	599
From top 20 institutions	-	502	247	255
U. Washington, Seattle	1	31	10	21
U. California, San Diego	2	28	12	16
U. Houston	3	26	15	11
Massachusetts Institute of Technology	4	25	12	13
Stanford U.	4	25	15	10
Texas A&M U., College Station	6	23	8	15
U. Colorado Boulder	7	22	10	12
U. California, Irvine	8	21	4	17
U. California, Los Angeles	8	21	14	7
U. Texas, Austin	8	21	12	9
U. Arizona	11	20	11	9
U. California, Davis	11	20	10	10
U. Wisconsin-Madison	11	20	10	10
California Institute of Technology	14	18	8	10
U. Michigan, Ann Arbor	14	18	11	7
Pennsylvania State U.	16	17	8	9
Purdue U., West Lafayette	16	17	8	9
U. Minnesota, Twin Cities	16	17	10	7
Colorado State U., Fort Collins	19	16	8	8
North Carolina State U.	19	16	9	7
Stony Brook U.	19	16	9	7
U. California, Santa Cruz	19	16	7	9
U. Illinois, Urbana-Champaign	19	16	12	4
U. Maryland, College Park	19	16	9	7
U. Miami	19	16	5	11
Health sciences	-	2,874	860	2,014
From top 20 institutions	-	976	277	699
Walden U.	1	169	38	131
Johns Hopkins U.	2	64	14	50
U. Minnesota, Twin Cities	3	57	27	30
U. Wisconsin-Madison	4	53	20	33
U. North Carolina, Chapel Hill	5	51	15	36
U. Florida	6	50	18	32
U. Washington, Seattle	7	47	12	35
Texas Woman's U.	8	44	8	36
U. Illinois, Chicago	9	43	10	33
U. Michigan, Ann Arbor	10	42	14	28
U. California, Los Angeles	11	39	8	31
U. Pittsburgh, Pittsburgh	11	39	16	23
U. Texas Health Science Center, Houston	13	38	12	26
Nova Southeastern U.	14	37	8	29
U. Texas, Austin	14	37	9	28
U. Utah	16	36	14	22
U. South Carolina, Columbia	17	34	8	26

Table 7-3. Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2024

(Number)

Field and institution	Rank	Total ^a	Male	Female
Columbia U. in the City of New York	18	33	5	28
U. Nebraska, Medical Center	19	32	9	23
Ohio State U., Columbus	20	31	12	19
Mathematics and statistics	-	2,004	1,384	620
From top 20 institutions	-	632	460	172
Purdue U., West Lafayette	1	42	31	11
U. California, Berkeley	2	39	29	10
North Carolina State U.	3	37	22	15
U. California, Los Angeles	3	37	31	6
U. California, Davis	5	34	28	6
U. Connecticut, Storrs	5	34	26	8
U. Wisconsin-Madison	7	32	23	9
U. Illinois, Urbana-Champaign	8	31	24	7
U. Washington, Seattle	8	31	22	9
Iowa State U.	10	30	22	8
U. California, San Diego	10	30	25	5
U. Chicago	10	30	19	11
U. Michigan, Ann Arbor	10	30	23	7
Florida State U.	14	29	21	8
Stanford U.	14	29	19	10
Stony Brook U.	14	29	22	7
Massachusetts Institute of Technology	17	28	23	5
U. Maryland, College Park	17	28	15	13
Michigan State U.	19	26	19	7
U. Kentucky	19	26	16	10
Multidisciplinary/ interdisciplinary sciences	-	1,623	993	630
From top 20 institutions	-	573	363	210
U. Michigan, Ann Arbor	1	55	37	18
Massachusetts Institute of Technology	2	46	31	15
U. California, Berkeley	3	37	28	9
U. Washington, Seattle	4	36	25	11
Pennsylvania State U.	5	32	19	13
Arizona State U., Tempe	6	31	16	15
Carnegie Mellon U.	6	31	16	15
Georgia Institute of Technology	6	31	24	7
U. Texas, Austin	9	29	16	13
Stanford U.	10	25	10	15
U. California, San Diego	10	25	15	10
U. Tennessee, Knoxville	10	25	19	6
U. Illinois, Urbana-Champaign	13	23	17	6
Ohio State U., Columbus	14	22	12	10
George Mason U.	15	21	11	10
Michigan State U.	15	21	12	9
New York U.	15	21	12	9
Texas A&M U., College Station	15	21	15	6
U. Notre Dame	15	21	18	3
U. California, Irvine	20	20	10	10
Physical sciences	-	5,367	3,543	1,824
From top 20 institutions	-	1,709	1,161	548
U. California, Berkeley	1	120	89	31
U. Michigan, Ann Arbor	2	113	67	46
U. Wisconsin-Madison	3	107	68	39

Table 7-3. Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2024

(Number)

Field and institution	Rank	Total ^a	Male	Female
Purdue U., West Lafayette	4	90	58	32
U. Illinois, Urbana-Champaign	4	90	60	30
California Institute of Technology	6	87	61	26
Massachusetts Institute of Technology	6	87	56	31
U. Chicago	6	87	64	23
Harvard U.	9	84	58	26
U. California, Santa Barbara	10	75	52	23
Texas A&M U., College Station	11	74	56	18
U. California, Los Angeles	11	74	46	28
Cornell U.	13	71	48	23
Ohio State U., Columbus	13	71	48	23
Stanford U.	13	71	49	22
Princeton U.	16	69	48	21
U. Arizona	16	69	48	21
U. Colorado Boulder	18	68	50	18
U. Maryland, College Park	18	68	49	19
Pennsylvania State U.	20	67	44	23
U. California, Davis	20	67	42	25
Psychology	-	3,951	969	2,982
From top 20 institutions	-	1,114	257	857
Walden U.	1	249	46	203
Fielding Graduate U.	2	70	16	54
Alliant International U., San Diego	3	68	19	49
Regent U.	4	66	12	54
Palo Alto U.	5	64	16	48
CUNY, Graduate Center	6	50	20	30
U. California, Los Angeles	6	50	11	39
U. Texas, Austin	8	42	12	30
Texas A&M U., College Station	9	40	11	29
U. Minnesota, Twin Cities	10	39	9	30
Pacifica Graduate Institute	11	38	7	31
U. Wisconsin-Madison	11	38	9	29
U. Houston	13	36	11	25
Michigan State U.	14	35	8	27
Columbia U. in the City of New York	15	34	5	29
U. Connecticut, Storrs	15	34	6	28
Fordham U.	17	33	4	29
Florida State U.	18	32	6	26
Oklahoma State U., Stillwater	18	32	9	23
Pennsylvania State U.	18	32	11	21
U. Illinois, Urbana-Champaign	18	32	9	23
Social sciences	-	5,126	2,446	2,680
From top 20 institutions	-	1,654	839	815
Harvard U.	1	137	70	67
U. California, Berkeley	2	104	54	50
U. California, Los Angeles	3	93	48	45
U. Pennsylvania	4	87	39	48
U. Chicago	5	86	53	33
U. Wisconsin-Madison	6	85	39	46
U. Maryland, College Park	7	84	44	40
U. Michigan, Ann Arbor	7	84	40	44
U. Texas, Austin	7	84	47	37

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New York U.	10	83	46	37
Stanford U.	11	82	42	40
U. California, Davis	12	81	40	41
Walden U.	13	75	32	43
Northwestern U.	14	74	40	34
Columbia U. in the City of New York	15	73	38	35
CUNY, Graduate Center	16	71	33	38
U. Minnesota, Twin Cities	17	69	44	25
U. California, Irvine	18	68	30	38
Arizona State U., Tempe	19	67	24	43
Pennsylvania State U.	19	67	36	31
Non-science and engineering	-	11,737	4,644	7,093
From top 20 institutions	-	2,968	1,176	1,792
Walden U.	1	287	82	205
Texas Tech U.	2	184	63	121
Columbia U. in the City of New York	3	181	75	106
U. Texas, Austin	4	165	58	107
Harvard U.	5	162	76	86
Ohio State U., Columbus	6	152	54	98
U. Georgia	7	149	50	99
Florida State U.	8	137	49	88
Pennsylvania State U.	8	137	62	75
U. Wisconsin-Madison	10	132	59	73
U. California, Berkeley	11	128	47	81
U. Florida	12	127	44	83
U. Minnesota, Twin Cities	12	127	51	76
New York U.	14	125	59	66
U. Illinois, Urbana-Champaign	15	123	52	71
Arizona State U., Tempe	16	116	51	65
Indiana U., Bloomington	17	112	49	63
CUNY, Graduate Center	18	111	44	67
U. California, Los Angeles	19	105	47	58
U. Michigan, Ann Arbor	20	104	47	57
U. Pennsylvania	20	104	57	47
Business	-	1,356	723	633
From top 20 institutions	-	439	260	179
Walden U.	1	62	35	27
U. Minnesota, Twin Cities	2	22	14	8
Texas Tech U.	3	21	12	9
Stanford U.	4	20	14	6
U. North Texas, Denton	5	19	11	8
U. Pennsylvania	5	19	11	8
Massachusetts Institute of Technology	7	18	9	9
U. Illinois, Urbana-Champaign	7	18	11	7
U. Chicago	9	17	11	6
Harvard U.	10	16	6	10
Michigan State U.	10	16	8	8
Oklahoma State U., Stillwater	10	16	12	4
Rutgers, State U. New Jersey, Newark	10	16	5	11
Texas A&M U., College Station	10	16	6	10
Iowa State U.	15	15	10	5
U. Arizona	15	15	11	4

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U. Florida	15	15	9	6
Cornell U.	18	14	7	7
Duke U.	18	14	11	3
Purdue U., West Lafayette	18	14	12	2
Temple U.	18	14	8	6
U. North Carolina, Chapel Hill	18	14	10	4
U. Oklahoma, Norman	18	14	9	5
Washington U., Saint Louis	18	14	8	6
Education	-	3,941	1,073	2,868
From top 20 institutions	-	1,114	278	836
Texas Tech U.	1	107	24	83
Walden U.	2	93	14	79
U. Georgia	3	65	16	49
North Carolina State U.	4	57	18	39
Ohio State U., Columbus	5	56	19	37
Auburn U., Auburn	6	52	14	38
U. Florida	6	52	14	38
Pennsylvania State U.	8	51	18	33
U. North Texas, Denton	8	51	10	41
U. Minnesota, Twin Cities	10	49	11	38
U. West Florida	10	49	6	43
U. Wisconsin-Madison	12	47	14	33
U. Massachusetts, Lowell	13	45	13	32
Clemson U.	14	44	13	31
Florida State U.	15	43	12	31
Oklahoma State U., Stillwater	15	43	12	31
Teachers C., Columbia U.	15	43	15	28
U. Texas, Austin	15	43	7	36
Old Dominion U.	19	42	9	33
U. Illinois, Urbana-Champaign	20	41	12	29
U. South Florida, Tampa	20	41	7	34
Humanities	-	3,305	1,635	1,670
From top 20 institutions	-	975	506	469
Harvard U.	1	74	39	35
Columbia U. in the City of New York	2	67	30	37
U. Chicago	3	63	28	35
Yale U.	4	57	33	24
U. California, Berkeley	5	56	23	33
CUNY, Graduate Center	6	52	25	27
U. Texas, Austin	7	51	25	26
Princeton U.	8	50	27	23
Midwestern Baptist Theological Seminary	9	48	48	0
Florida State U.	10	47	24	23
Indiana U., Bloomington	11	46	19	27
U. Notre Dame	11	46	23	23
Pennsylvania State U.	13	43	23	20
Cornell U.	14	41	18	23
New York U.	14	41	22	19
U. Wisconsin-Madison	14	41	28	13
U. Michigan, Ann Arbor	17	40	18	22
Ohio State U., Columbus	18	38	20	18
Boston U.	19	37	20	17

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Field and institution	Rank	Total ^a	Male	Female
U. Virginia, Charlottesville	19	37	13	24
Visual and performing arts	-	874	374	500
From top 20 institutions	-	456	197	259
U. Miami	1	43	24	19
Arizona State U., Tempe	2	37	16	21
Columbia U. in the City of New York	3	33	14	19
CUNY, Graduate Center	4	29	8	21
New York U.	5	26	15	11
U. Colorado Boulder	6	25	12	13
U. California, Los Angeles	7	24	9	15
U. Texas, Austin	8	20	9	11
Harvard U.	9	19	8	11
Northwestern U.	9	19	7	12
Stanford U.	9	19	6	13
Florida State U.	12	18	6	12
U. Memphis	12	18	13	5
Yale U.	12	18	6	12
U. California, Berkeley	15	17	5	12
U. Oklahoma, Norman	15	17	7	10
Princeton U.	17	16	6	10
U. California, Santa Barbara	17	16	5	11
Duke U.	19	14	8	6
Ohio State U., Columbus	19	14	5	9
West Virginia U.	19	14	8	6
Other non-science and engineering	-	2,261	839	1,422
From top 20 institutions	-	794	274	520
Walden U.	1	131	33	98
U. Texas, Austin	2	43	15	28
Harvard U.	3	36	16	20
Ohio State U., Columbus	3	36	6	30
U. Pennsylvania	3	36	13	23
U. California, Berkeley	6	34	14	20
Pennsylvania State U.	7	33	15	18
U. Illinois, Urbana-Champaign	8	32	14	18
U. Wisconsin-Madison	8	32	10	22
U. Florida	10	30	4	26
U. Georgia	10	30	7	23
U. North Carolina, Chapel Hill	10	30	8	22
New York U.	13	29	13	16
Virginia Polytechnic Institute and State U.	13	29	11	18
Columbia U. in the City of New York	15	28	13	15
Michigan State U.	16	27	6	21
U. Michigan, Ann Arbor	16	27	15	12
U. Southern California	18	26	9	17
Arizona State U., Tempe	19	25	7	18
North Carolina State U.	19	25	11	14
Texas A&M U., College Station	19	25	8	17
U. Colorado Boulder	19	25	12	13
U. Oregon	19	25	14	11

- = no value (rank) possible.

^a Total includes doctorate recipients who did not report sex.

Note(s):

Tied institutions are listed alphabetically. 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.