

TABLE 7-3

Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2023

(Number)

Field and institution	Rank	Total ^a	Male	Female
Science and engineering	-	45,973	25,480	20,486
From top 20 institutions	-	12,641	7,552	5,086
U. Michigan, Ann Arbor	1	764	448	316
Texas A&M U., College Station	2	714	463	251
U. California, Berkeley	3	713	432	281
Purdue U., West Lafayette	4	710	467	243
Stanford U.	5	694	423	271
Massachusetts Institute of Technology	6	645	432	213
U. Florida	7	610	352	258
U. Washington, Seattle	8	608	315	293
U. Illinois, Urbana-Champaign	9	606	375	231
U. Wisconsin-Madison	10	602	354	248
U. California, Los Angeles	11	597	357	240
U. Texas, Austin	12	593	362	230
Harvard U.	13	579	302	277
Ohio State U., Columbus	14	576	340	236
U. Minnesota, Twin Cities	14	576	302	273
U. California, Davis	16	556	290	266
Pennsylvania State U.	17	545	310	234
Georgia Institute of Technology	18	510	357	153
Johns Hopkins U.	19	485	265	220
U. California, San Diego	20	479	320	159
U. Maryland, College Park	20	479	286	193
Agricultural sciences and natural resources	-	1,278	572	706
From top 20 institutions	-	725	331	394
U. Florida	1	65	37	28
U. Georgia	2	54	22	32
Cornell U.	3	52	20	32
Texas A&M U., College Station	3	52	26	26
North Carolina State U.	5	49	23	26
Iowa State U.	6	42	20	22
U. California, Davis	7	39	16	23
Virginia Polytechnic Institute and State U.	8	38	16	22
U. Illinois, Urbana-Champaign	9	34	15	19
Oregon State U.	10	33	13	20
U. Minnesota, Twin Cities	11	31	11	20
Purdue U., West Lafayette	12	29	16	13
Mississippi State U.	13	28	17	11
Ohio State U., Columbus	13	28	9	19
U. Wisconsin-Madison	13	28	13	15
Kansas State U.	16	26	9	17
U. Nebraska, Lincoln	16	26	14	12
Louisiana State U., Baton Rouge	18	24	13	11
Texas Tech U.	18	24	15	9
Michigan State U.	20	23	6	17
Biological and biomedical sciences	-	9,724	4,433	5,290
From top 20 institutions	-	2,818	1,305	1,513
Harvard U.	1	207	103	104
Johns Hopkins U.	2	185	76	109
U. California, Davis	3	174	69	105

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(Number)

Field and institution	Rank	Total ^a	Male	Female
U. Washington, Seattle	4	163	76	87
U. North Carolina, Chapel Hill	5	162	61	101
U. Pennsylvania	6	156	68	88
U. Michigan, Ann Arbor	7	150	67	83
U. Wisconsin-Madison	8	145	70	75
U. Florida	9	144	77	67
U. California, Berkeley	10	134	72	62
U. California, Los Angeles	10	134	66	68
Stanford U.	12	130	64	66
U. Minnesota, Twin Cities	12	130	53	77
Yale U.	14	121	63	58
Columbia U. in the City of New York	15	119	49	70
Texas A&M U., College Station	16	114	49	65
U. California, San Diego	16	114	74	40
Vanderbilt U.	16	114	54	60
U. Pittsburgh, Pittsburgh	19	113	44	69
U. Georgia	20	109	50	59
Computer and information sciences	-	2,297	1,710	587
From top 20 institutions	-	822	628	194
Massachusetts Institute of Technology	1	64	56	8
Stanford U.	2	53	35	18
U. California, Berkeley	3	50	44	6
Carnegie Mellon U.	4	48	37	11
Purdue U., West Lafayette	5	45	38	7
U. Southern California	6	44	32	12
U. Illinois, Urbana-Champaign	7	41	27	14
U. Maryland, College Park	8	39	26	13
Georgia Institute of Technology	9	35	28	7
Princeton U.	9	35	27	8
Johns Hopkins U.	11	34	31	3
U. Central Florida	12	32	21	11
Cornell U.	13	30	20	10
U. Texas, Austin	13	30	24	6
U. California, San Diego	15	29	24	5
U. Washington, Seattle	15	29	21	8
U. California, Irvine	17	27	21	6
U. Chicago	17	27	19	8
George Mason U.	19	26	20	6
Indiana U., Bloomington	19	26	19	7
Northeastern U.	19	26	21	5
U. California, Los Angeles	19	26	21	5
U. Michigan, Ann Arbor	19	26	16	10
Engineering	-	10,724	7,873	2,851
From top 20 institutions	-	3,919	2,911	1,008
Purdue U., West Lafayette	1	327	244	83
Georgia Institute of Technology	2	305	221	84
Texas A&M U., College Station	3	299	246	53
Massachusetts Institute of Technology	4	252	170	82
U. Michigan, Ann Arbor	5	237	174	63
Stanford U.	6	217	140	77

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Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2023

(Number)

Field and institution	Rank	Total ^a	Male	Female
U. Illinois, Urbana-Champaign	7	215	165	50
Virginia Polytechnic Institute and State U.	8	211	151	60
U. Texas, Austin	9	210	168	42
North Carolina State U.	10	173	118	55
U. California, Berkeley	11	162	106	56
Ohio State U., Columbus	12	161	126	35
Pennsylvania State U.	13	158	129	29
Carnegie Mellon U.	14	153	113	40
U. California, Los Angeles	15	145	119	26
U. California, San Diego	15	145	114	31
U. Maryland, College Park	17	144	106	38
Arizona State U., Tempe	18	140	104	36
U. Florida	18	140	100	40
U. Wisconsin-Madison	20	125	97	28
Geosciences, atmospheric, and ocean sciences	-	1,216	668	547
From top 20 institutions	-	466	243	222
Texas A&M U., College Station	1	41	25	16
U. California, San Diego	2	39	16	23
U. Texas, Austin	3	31	14	17
U. Washington, Seattle	4	28	12	16
Massachusetts Institute of Technology	5	27	12	15
U. Colorado Boulder	6	23	11	12
U. Arizona	7	21	9	12
Colorado School of Mines	8	19	13	6
Colorado State U., Fort Collins	8	19	7	12
U. California, Los Angeles	8	19	13	6
U. Michigan, Ann Arbor	8	19	8	11
Columbia U. in the City of New York	12	18	14	4
Stanford U.	12	18	10	8
U. Houston	12	18	12	6
Stony Brook U.	15	17	9	8
U. Utah	15	17	12	4
Pennsylvania State U.	17	16	11	5
U. Southern California	17	16	8	8
U. California, Berkeley	19	15	7	8
U. California, Santa Cruz	19	15	9	6
U. Hawaii, Manoa	19	15	5	10
U. Maryland, College Park	19	15	6	9
Health sciences	-	2,746	789	1,957
From top 20 institutions	-	921	281	640
Walden U.	1	130	26	104
U. Washington, Seattle	2	64	18	46
U. North Carolina, Chapel Hill	3	57	14	43
U. Florida	4	51	14	37
Johns Hopkins U.	5	50	10	40
Texas Woman's U.	6	48	4	44
U. Minnesota, Twin Cities	7	47	20	27
U. Wisconsin-Madison	8	44	23	21
Harvard U.	9	39	10	29
U. Pittsburgh, Pittsburgh	10	38	8	30

TABLE 7-3

Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2023

(Number)

Field and institution	Rank	Total ^a	Male	Female
U. Texas Health Science Center, Houston	11	37	15	22
Ohio State U., Columbus	12	36	11	25
U. Michigan, Ann Arbor	13	35	14	21
U. Mississippi, Oxford	14	34	20	14
U. Texas, Austin	15	32	13	19
U. Illinois, Chicago	16	31	7	24
U. Iowa	17	30	11	19
U. Nebraska, Medical Center	17	30	12	18
U. South Carolina, Columbia	17	30	7	23
U. Alabama, Birmingham	20	29	9	20
U. Cincinnati, Uptown West Campus	20	29	15	14
Mathematics and statistics	-	2,056	1,480	575
From top 20 institutions	-	658	485	173
North Carolina State U.	1	47	27	20
U. Michigan, Ann Arbor	2	45	30	15
Purdue U., West Lafayette	3	40	28	12
Stanford U.	4	37	31	6
U. Illinois, Urbana-Champaign	5	36	23	13
U. California, Berkeley	6	35	31	4
U. California, Los Angeles	7	34	28	6
Ohio State U., Columbus	8	33	28	5
U. Wisconsin-Madison	9	32	22	10
Stony Brook U.	10	31	22	9
Iowa State U.	11	30	19	11
Pennsylvania State U.	11	30	21	9
Princeton U.	11	30	23	7
Florida State U.	14	29	19	10
Texas A&M U., College Station	14	29	20	9
U. California, Davis	14	29	25	4
U. Connecticut, Storrs	17	28	24	4
U. Maryland, College Park	17	28	23	5
U. Washington, Seattle	17	28	17	11
U. Chicago	20	27	24	3
Multidisciplinary/ interdisciplinary sciences	-	1,704	1,044	660
From top 20 institutions	-	601	380	221
Massachusetts Institute of Technology	1	60	39	21
U. California, Berkeley	2	54	33	21
Carnegie Mellon U.	3	49	32	17
U. Michigan, Ann Arbor	4	45	23	22
U. Washington, Seattle	5	40	27	13
Georgia Institute of Technology	6	34	23	11
Stanford U.	6	34	25	9
Pennsylvania State U.	8	26	15	11
SUNY, U. Buffalo	8	26	21	5
U. California, San Diego	8	26	14	12
George Mason U.	11	25	17	8
U. Illinois, Urbana-Champaign	12	24	14	10
Purdue U., West Lafayette	13	22	11	11
Arizona State U., Tempe	14	21	12	9
U. Minnesota, Twin Cities	14	21	12	9

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Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2023

(Number)

Field and institution	Rank	Total ^a	Male	Female
New York U.	16	20	17	3
U. Texas, Austin	17	19	13	6
Virginia Polytechnic Institute and State U.	17	19	13	6
U. California, Irvine	19	18	9	9
U. Wisconsin-Madison	19	18	10	8
Physical sciences	-	5,443	3,594	1,848
From top 20 institutions	-	1,633	1,108	525
U. California, Berkeley	1	116	71	45
Massachusetts Institute of Technology	2	107	77	30
Stanford U.	3	106	74	32
U. Michigan, Ann Arbor	4	104	71	33
Harvard U.	5	102	59	43
California Institute of Technology	6	87	54	33
U. Wisconsin-Madison	7	86	57	29
Purdue U., West Lafayette	8	83	56	27
U. Minnesota, Twin Cities	9	81	53	28
Ohio State U., Columbus	10	80	57	23
U. Arizona	11	78	56	22
Princeton U.	12	72	47	25
U. Illinois, Urbana-Champaign	13	69	52	17
U. Colorado Boulder	14	68	50	18
U. Chicago	15	67	47	20
U. Maryland, College Park	16	66	51	15
U. Texas, Austin	16	66	41	25
U. California, Davis	18	65	41	24
U. California, Santa Barbara	18	65	47	18
U. Florida	18	65	47	18
Psychology	-	3,793	885	2,907
From top 20 institutions	-	985	222	762
Walden U.	1	184	38	146
Palo Alto U.	2	70	17	53
Fielding Graduate U.	3	57	14	43
CUNY, Graduate Center	4	55	12	43
Pennsylvania State U.	5	53	8	45
U. Houston	6	45	10	35
U. Minnesota, Twin Cities	6	45	9	35
Alliant International U., San Diego	8	41	10	31
U. Georgia	9	40	11	29
Florida State U.	10	39	10	29
U. Texas, Austin	10	39	12	27
Texas A&M U., College Station	12	38	7	31
Ohio State U., Columbus	13	37	12	25
U. California, Los Angeles	13	37	7	30
Fordham U.	15	36	6	30
Carlos Albizu U., San Juan	16	35	8	27
Texas Tech U.	16	35	9	26
U. Kansas	18	34	8	26
U. Florida	19	33	9	24
U. Missouri, Columbia	20	32	5	27
Social sciences	-	4,992	2,432	2,558

TABLE 7-3

Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2023

(Number)

Field and institution	Rank	Total ^a	Male	Female
From top 20 institutions	-	1,606	820	786
Harvard U.	1	133	69	64
U. California, Los Angeles	2	111	54	57
U. California, Berkeley	3	106	59	47
U. Chicago	4	92	58	34
U. Texas, Austin	5	87	35	52
Columbia U. in the City of New York	6	83	44	39
U. Michigan, Ann Arbor	7	80	38	42
Princeton U.	8	78	44	34
U. California, Davis	8	78	34	44
U. Pennsylvania	8	78	42	36
Stanford U.	11	77	36	41
U. Southern California	11	77	38	39
Cornell U.	13	68	39	29
Ohio State U., Columbus	13	68	32	36
U. Wisconsin-Madison	13	68	31	37
CUNY, Graduate Center	16	65	40	25
U. North Carolina, Chapel Hill	16	65	28	37
Northwestern U.	18	64	28	36
Walden U.	18	64	37	27
Yale U.	18	64	34	30
Non-science and engineering	-	11,889	4,876	7,013
From top 20 institutions	-	2,937	1,180	1,757
Walden U.	1	215	66	149
Texas Tech U.	2	180	67	113
U. Texas, Austin	3	174	67	107
Ohio State U., Columbus	4	172	63	109
U. Wisconsin-Madison	5	159	58	101
U. Georgia	6	155	51	104
U. California, Los Angeles	7	152	53	99
U. Minnesota, Twin Cities	8	150	54	96
Harvard U.	9	146	78	68
Pennsylvania State U.	9	146	52	94
U. Michigan, Ann Arbor	11	136	58	78
Florida State U.	12	135	58	77
U. Florida	12	135	58	77
Indiana U., Bloomington	14	134	62	72
Columbia U. in the City of New York	15	129	51	78
CUNY, Graduate Center	16	127	60	67
U. Illinois, Urbana-Champaign	17	125	43	82
U. Chicago	18	124	69	55
New York U.	19	122	56	66
U. California, Berkeley	20	121	56	65
Business	-	1,510	822	688
From top 20 institutions	-	524	294	230
Walden U.	1	47	29	18
U. Maryland, College Park	2	26	12	14
Oklahoma State U., Stillwater	3	25	15	10
Pennsylvania State U.	3	25	10	15
U. Florida	5	23	16	7

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Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2023

(Number)

Field and institution	Rank	Total ^a	Male	Female
U. Texas, Dallas	5	23	16	7
Iowa State U.	7	21	11	10
U. Pennsylvania	7	21	15	6
U. Washington, Seattle	7	21	12	9
New York U.	10	20	15	5
Stanford U.	10	20	12	8
Texas A&M U., College Station	10	20	12	8
U. Texas, Austin	10	20	17	3
Columbia U. in the City of New York	14	19	10	9
U. Minnesota, Twin Cities	14	19	10	9
Purdue U., West Lafayette	16	18	9	9
Rutgers, State U. New Jersey, Newark	16	18	5	13
U. California, Los Angeles	16	18	8	10
U. Georgia	16	18	7	11
Harvard U.	20	17	8	9
Michigan State U.	20	17	9	8
U. California, Berkeley	20	17	9	8
U. Illinois, Urbana-Champaign	20	17	9	8
U. North Texas, Denton	20	17	9	8
U. Texas, Arlington	20	17	9	8
Education	-	3,988	1,089	2,899
From top 20 institutions	-	1,075	294	781
Texas Tech U.	1	104	30	74
Walden U.	2	87	16	71
U. Georgia	3	75	20	55
Ohio State U., Columbus	4	63	16	47
Pennsylvania State U.	5	61	18	43
U. Wisconsin-Madison	6	59	15	44
U. Minnesota, Twin Cities	7	58	15	43
Teachers C., Columbia U.	8	55	20	35
Michigan State U.	9	51	14	37
U. Florida	10	50	16	34
U. California, Los Angeles	11	46	11	35
U. North Texas, Denton	12	45	14	31
Florida State U.	13	43	10	33
North Carolina State U.	13	43	13	30
SUNY, U. Buffalo	13	43	11	32
Old Dominion U.	16	39	9	30
Rutgers, State U. New Jersey, New Brunswick	16	39	6	33
U. Texas, Austin	16	39	15	24
U. South Florida, Tampa	19	38	10	28
U. Kentucky	20	37	15	22
Humanities	-	3,358	1,731	1,627
From top 20 institutions	-	1,016	539	477
U. Chicago	1	80	53	27
Harvard U.	2	70	43	27
Princeton U.	3	60	33	27
U. Michigan, Ann Arbor	4	58	30	28
CUNY, Graduate Center	5	52	27	25
U. Texas, Austin	6	51	16	35

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Top 20 doctorate-granting institutions ranked by total number of research doctorate recipients, by broad field of doctorate and sex: 2023

(Number)

Field and institution	Rank	Total ^a	Male	Female
Yale U.	6	51	23	28
Midwestern Baptist Theological Seminary	8	50	50	0
Ohio State U., Columbus	9	48	21	27
U. Wisconsin-Madison	9	48	21	27
Columbia U. in the City of New York	11	46	25	21
U. California, Berkeley	11	46	21	25
Emory U., Atlanta	13	45	16	29
New York U.	14	42	19	23
U. California, Los Angeles	14	42	18	24
Indiana U., Bloomington	16	40	19	21
U. Pennsylvania	16	40	19	21
Stanford U.	18	39	19	20
Duke U.	19	36	20	16
Florida State U.	19	36	22	14
U. Notre Dame	19	36	24	12
Visual and performing arts	-	824	356	468
From top 20 institutions	-	471	201	270
Arizona State U., Tempe	1	35	16	19
U. Miami	1	35	16	19
CUNY, Graduate Center	3	30	14	16
Northwestern U.	4	27	13	14
U. Colorado Boulder	5	26	16	10
Harvard U.	6	25	10	15
New York U.	7	23	9	14
U. California, Los Angeles	8	22	9	13
Florida State U.	9	20	7	13
U. California, Berkeley	10	19	6	13
Columbia U. in the City of New York	11	18	5	13
Indiana U., Bloomington	11	18	8	10
U. Chicago	11	18	5	13
U. California, Santa Barbara	14	17	8	9
Yale U.	15	16	6	10
U. Southern California	16	15	6	9
Ohio State U., Columbus	17	14	4	10
Princeton U.	17	14	7	7
U. Pennsylvania	17	14	4	10
Texas Tech U.	20	13	5	8
U. California, Irvine	20	13	7	6
U. California, Santa Cruz	20	13	4	9
U. Pittsburgh, Pittsburgh	20	13	8	5
U. Rochester	20	13	8	5
Other non-science and engineering	-	2,209	878	1,331
From top 20 institutions	-	742	296	446
Walden U.	1	77	19	58
U. Texas, Austin	2	52	17	35
U. Illinois, Urbana-Champaign	3	40	10	30
U. North Carolina, Chapel Hill	4	37	14	23
U. Southern California	5	36	17	19
U. Kansas	6	35	16	19
U. Michigan, Ann Arbor	7	33	12	21

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(Number)

Field and institution	Rank	Total ^a	Male	Female
Ohio State U., Columbus	8	31	11	20
New York U.	9	29	11	18
U. Florida	9	29	12	17
U. Wisconsin-Madison	9	29	13	16
Indiana U., Bloomington	12	28	18	10
U. Minnesota, Twin Cities	12	28	12	16
U. California, Berkeley	14	27	16	11
U. Georgia	14	27	7	20
Arizona State U., Tempe	16	26	7	19
Michigan State U.	16	26	12	14
Pennsylvania State U.	16	26	10	16
U. Pennsylvania	16	26	13	13
Florida State U.	20	25	12	13
Harvard U.	20	25	16	9
U. Missouri, Columbia	20	25	10	15
U. Washington, Seattle	20	25	11	14

- = 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.