

Table 4**Top 20 doctorate-granting institutions ranked by total number of doctorate recipients, by broad field of study and sex: 2019**

(Number)

Field and institution	Rank	Total	Male	Female
Life sciences ^a	-	12,781	5,819	6,961
From top 20 institutions	-	3,584	1,558	2,026
Harvard U.	1	269	133	136
U. Florida	2	248	100	148
U. Wisconsin-Madison	3	226	112	114
Johns Hopkins U.	4	222	86	136
U. Washington, Seattle	5	221	88	133
U. California, Davis	6	203	93	110
Ohio State U., Columbus	7	191	90	101
U. Minnesota, Twin Cities	8	188	85	103
U. North Carolina, Chapel Hill	9	176	62	114
Texas A&M U., College Station and Health Science Center	10	169	86	83
U. Michigan, Ann Arbor	11	166	75	91
U. California, Los Angeles	12	164	77	87
Walden U.	13	161	42	119
U. Georgia	14	156	78	78
U. California, Berkeley	15	145	58	87
Michigan State U.	16	143	66	77
U. Illinois, Urbana-Champaign	16	143	62	81
Purdue U., West Lafayette	18	139	60	79
Pennsylvania State U., University Park and Hershey Medical Center	19	128	54	74
Columbia U. in the City of New York	20	126	51	75
Physical sciences and earth sciences	-	6,585	4,368	2,213
From top 20 institutions	-	1,939	1,311	626
U. California, Berkeley	1	146	91	55
Stanford U.	2	136	97	39
Massachusetts Institute of Technology	3	129	88	41
Harvard U.	4	126	78	48
U. Michigan, Ann Arbor	5	125	75	50
U. Texas, Austin	6	107	79	28
U. Illinois, Urbana-Champaign	7	96	68	28
U. Wisconsin-Madison	8	91	68	23
California Institute of Technology	9	90	64	26
U. California, San Diego	9	90	62	28
Purdue U., West Lafayette	11	88	59	29
U. California, Los Angeles	11	88	60	28
Texas A&M U., College Station and Health Science Center	13	85	62	23
Ohio State U., Columbus	14	83	58	25
U. Washington, Seattle	15	79	46	33
U. Minnesota, Twin Cities	16	78	55	23
Pennsylvania State U., University Park and Hershey Medical Center	17	76	47	28
U. Colorado Boulder	17	76	46	30
Northwestern U.	19	75	51	23
Princeton U.	19	75	57	18
Mathematics and computer sciences	-	4,240	3,144	1,095
From top 20 institutions	-	1,311	1,010	301
U. California, Berkeley	1	101	80	21
Carnegie Mellon U.	2	96	78	18
U. Illinois, Urbana-Champaign	3	81	57	24

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North Carolina State U.	4	77	49	28
U. Washington, Seattle	4	77	56	21
Stanford U.	6	68	54	14
Purdue U., West Lafayette	7	67	47	20
U. Maryland, College Park	8	66	56	10
U. Southern California	8	66	48	18
U. California, Los Angeles	10	64	52	12
U. Michigan, Ann Arbor	11	63	49	14
Massachusetts Institute of Technology	12	62	48	14
Pennsylvania State U., University Park and Hershey Medical Center	13	59	48	11
Georgia Institute of Technology	14	58	47	11
U. Minnesota, Twin Cities	15	55	37	18
U. Wisconsin-Madison	16	54	45	9
Indiana U., Bloomington	17	50	41	9
Princeton U.	17	50	43	7
U. California, Irvine	19	49	36	13
U. California, Davis	20	48	39	9
Psychology and social sciences	-	9,071	3,672	5,399
From top 20 institutions	-	2,325	1,014	1,311
Walden U.	1	360	110	250
U. California, Berkeley	2	137	73	64
CUNY, Graduate Center	3	135	51	84
U. Maryland, College Park	4	121	51	70
Harvard U.	5	120	55	65
U. California, Los Angeles	6	115	46	69
U. Wisconsin-Madison	7	111	52	59
U. Minnesota, Twin Cities	8	108	50	58
Pennsylvania State U., University Park and Hershey Medical Center	9	105	50	55
Columbia U. in the City of New York	10	99	37	62
U. Texas, Austin	11	96	37	59
U. Florida	12	95	36	59
New York U.	13	94	55	39
Indiana U., Bloomington	14	92	54	38
Cornell U.	15	91	42	49
Stanford U.	16	90	50	40
U. Illinois, Urbana-Champaign	16	90	42	48
Ohio State U., Columbus	18	89	42	47
U. Michigan, Ann Arbor	18	89	33	56
U. Chicago	20	88	48	40
Engineering	-	10,303	7,833	2,468
From top 20 institutions	-	3,804	2,904	898
Massachusetts Institute of Technology	1	308	232	76
Georgia Institute of Technology	2	296	236	60
Purdue U., West Lafayette	3	276	218	58
Texas A&M U., College Station and Health Science Center	4	265	212	53
Stanford U.	5	242	153	88
U. Texas, Austin	6	239	190	48
U. Illinois, Urbana-Champaign	7	225	176	49
U. Michigan, Ann Arbor	8	218	178	40

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U. California, Berkeley	9	167	115	52
North Carolina State U.	10	164	124	40
U. Maryland, College Park	11	155	120	35
Ohio State U., Columbus	12	146	112	34
Pennsylvania State U., University Park and Hershey Medical Center	13	145	109	36
Virginia Polytechnic Institute and State U.	14	144	113	31
U. Florida	15	143	112	31
Carnegie Mellon U.	16	136	100	36
U. Washington, Seattle	16	136	92	44
U. Wisconsin-Madison	18	134	105	29
U. California, San Diego	19	133	100	33
U. Minnesota, Twin Cities	20	132	107	25
Education	-	4,635	1,422	3,213
From top 20 institutions	-	1,354	402	952
Walden U.	1	110	21	89
Pennsylvania State U., University Park and Hershey Medical Center	2	82	27	55
Columbia U., Teachers C.	3	81	19	62
Michigan State U.	4	75	27	48
U. Georgia	4	75	24	51
Ohio State U., Columbus	6	74	22	52
U. Minnesota, Twin Cities	7	66	23	43
Texas Tech U.	8	64	18	46
U. South Florida, Tampa	9	62	17	45
U. Texas, Austin	10	59	17	42
U. Wisconsin-Madison	11	56	16	40
Florida State U.	12	55	21	34
Indiana U., Bloomington	13	54	10	44
U. North Texas, Denton	13	54	18	36
George Mason U.	15	53	22	31
George Washington U.	16	51	13	38
North Carolina State U.	16	51	11	40
Texas A&M U., College Station and Health Science Center	16	51	15	36
U. Alabama, Tuscaloosa	19	46	11	35
Auburn U., Auburn	20	45	22	23
Jackson State U.	20	45	14	31
Kent State U., Kent	20	45	14	31
Humanities and arts	-	5,054	2,479	2,573
From top 20 institutions	-	1,727	830	895
U. Chicago	1	125	73	52
CUNY, Graduate Center	2	110	43	67
U. Texas, Austin	3	104	41	63
Harvard U.	4	103	61	42
New York U.	5	99	47	52
Columbia U. in the City of New York	6	98	56	42
Indiana U., Bloomington	7	93	43	49
U. California, Berkeley	7	93	42	51
U. California, Los Angeles	9	91	41	50
Princeton U.	10	87	49	38
U. Wisconsin-Madison	11	85	37	48

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Yale U.	11	85	40	45
U. Michigan, Ann Arbor	13	83	36	47
Ohio State U., Columbus	14	80	29	51
Stanford U.	15	70	43	27
U. Pennsylvania	15	70	31	39
Northwestern U.	17	65	29	36
Arizona State U.	18	64	31	32
U. North Carolina, Chapel Hill	19	63	22	41
U. Notre Dame	20	59	36	23
Other ^b	-	3,034	1,414	1,620
From top 20 institutions	-	918	447	471
Walden U.	1	181	88	93
U. Pennsylvania	2	54	30	24
U. Texas, Austin	2	54	28	26
U. Florida	4	46	24	22
Texas A&M U., College Station and Health Science Center	5	44	28	16
U. Illinois, Urbana-Champaign	6	43	21	22
U. California, Berkeley	7	41	21	20
U. Minnesota, Twin Cities	8	40	17	23
U. Southern California	8	40	15	25
Regent U.	10	38	21	17
Texas Tech U.	10	38	16	22
Harvard U.	12	37	12	25
U. Michigan, Ann Arbor	13	36	14	22
U. Washington, Seattle	14	35	14	21
U. Texas, Dallas	15	33	19	14
Arizona State U.	16	32	18	14
Pennsylvania State U., University Park and Hershey Medical Center	16	32	19	13
Stanford U.	16	32	20	12
Louisiana State U., Baton Rouge	19	31	11	20
Michigan State U.	19	31	11	20

^a Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.

^b Includes other non-science and engineering fields not shown separately.

Note(s):

Tied institutions are listed alphabetically.

Source(s):

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