

TABLE 7

Doctorate-granting institutions, by state or location and major science and engineering fields of study: 2018

(Number)

State or location and institution	All fields	Science																		Engineering									
		Life sciences			Physical sciences and earth sciences			Mathematics and computer sciences			Psychology and social sciences						Engineering												
		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics	Political science and government	Sociology	Other social sciences	Total	Aerospace, aeronautical, and astronautical	Bioengineering and biomedical	Chemical	Civil	Electrical, electronics, and communications	Industrial and manufacturing	Materials science	Mechanical	Other engineering
All institutions	55,195	12,780	1,445	8,801	2,534	6,335	2,810	1,185	2,340	4,030	2,004	2,026	8,899	3,837	424	1,247	734	669	1,988	10,183	383	1,134	981	677	1,951	272	995	1,504	2,286
Alabama	667	206	29	129	48	42	15	8	19	35	20	15	82	63	1	6	5	2	5	128	7	6	14	15	19	13	16	21	17
Alabama A&M U.	8	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alabama State U.	8	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Auburn U., Auburn	253	69	26	27	16	15	4	2	9	13	5	8	34	26	0	5	1	0	2	62	3	3	12	5	9	12	2	12	4
Tuskegee U.	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0
U. Alabama, Birmingham	165	111	0	82	29	5	2	1	2	6	5	1	16	14	0	0	0	2	0	15	0	3	0	1	0	0	6	1	4
U. Alabama, Huntsville	25	3	0	3	0	5	0	2	3	5	4	1	0	0	0	0	0	0	0	12	0	0	2	1	3	1	1	2	2
U. Alabama, Tuscaloosa	182	10	1	7	2	16	9	2	5	10	5	5	26	17	1	1	4	0	3	35	4	0	0	8	7	0	5	6	5
U. South Alabama	23	8	0	7	1	1	0	1	0	1	1	0	6	6	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Alaska	56	17	7	10	0	15	0	13	2	0	0	0	15	5	0	2	0	0	8	3	0	0	0	0	0	0	0	0	3
U. Alaska, Anchorage	2	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Alaska, Fairbanks	54	17	7	10	0	15	0	13	2	0	0	0	13	3	0	2	0	0	8	3	0	0	0	0	0	0	0	0	3
Arizona	764	130	15	84	31	95	24	31	40	52	22	30	139	38	8	8	10	3	72	144	3	13	14	5	37	7	15	13	37
Arizona State U.	338	43	5	31	7	17	5	6	6	31	18	13	56	20	5	2	4	0	25	96	1	8	7	3	28	7	12	9	21

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U. San Francisco	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Southern California	435	90	2	61	27	40	21	11	8	46	36	10	53	12	0	9	3	5	24	116	2	21	5	10	32	2	4	15	25
Colorado	1,052	221	32	154	35	181	54	61	66	62	30	32	141	74	1	15	10	6	35	220	20	18	24	24	37	0	9	28	60
Colorado School of Mines	111	7	6	1	0	45	12	26	7	4	4	0	1	0	0	1	0	0	0	54	0	0	10	1	2	0	8	3	30
Colorado State U., Fort Collins	250	95	23	60	12	40	16	13	11	15	6	9	32	16	0	10	2	1	3	43	0	9	4	7	8	0	0	7	8
U. CO, Denver, Aurora, Anschutz Medical Campus	65	65	0	45	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Colorado Boulder	383	47	3	42	2	88	22	21	45	32	15	17	51	21	1	4	8	5	12	88	20	3	10	13	17	0	0	15	10
U. Colorado Colorado Springs	23	0	0	0	0	1	0	0	1	2	2	0	3	3	0	0	0	0	0	11	0	0	0	0	1	0	0	1	9
U. Colorado Denver	33	1	0	1	0	0	0	0	0	4	2	2	9	3	0	0	0	0	6	11	0	6	0	3	1	0	0	0	1
U. Denver	103	4	0	4	0	6	3	1	2	1	1	0	27	14	0	0	0	0	13	13	0	0	0	0	8	0	1	2	2
U. Northern Colorado	84	2	0	1	1	1	1	0	0	4	0	4	18	17	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Connecticut	786	203	8	165	30	116	53	17	46	50	22	28	127	39	12	21	16	14	25	112	0	25	13	0	19	1	19	13	22

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Rosalind Franklin U. of Medicine and Science	18	7	0	7	0	0	0	0	0	0	0	0	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rush U.	13	12	0	5	7	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Illinois U., Carbondale	165	28	6	19	3	4	1	1	2	10	4	6	35	20	1	8	2	2	2	30	0	0	0	1	17	0	1	2	9
U. Chicago	432	74	0	67	7	64	27	7	30	37	12	25	111	19	17	34	13	9	19	7	0	2	3	0	0	0	1	0	1
U. Illinois, Chicago	325	99	0	53	46	36	25	2	9	33	15	18	48	12	1	8	3	6	18	50	0	20	6	3	6	1	4	5	5
U. Illinois, Urbana-Champaign	766	125	31	77	17	111	49	15	47	96	48	48	88	34	5	18	9	8	14	211	11	7	15	21	36	3	32	28	58
Wheaton C., Wheaton	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indiana	1,631	342	51	229	62	180	108	20	52	142	87	55	209	67	9	28	35	21	49	333	41	26	32	26	60	16	15	49	68
Ball State U.	29	4	1	0	3	0	0	0	0	0	0	0	16	14	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Indiana State U.	80	7	0	7	0	1	0	1	0	2	2	0	2	1	0	0	0	0	1	7	0	0	0	0	0	1	0	0	6
Indiana U., Bloomington	427	75	2	47	26	41	25	4	12	41	25	16	88	20	8	13	10	6	31	2	0	0	0	0	0	0	2	0	0
Indiana U.-Purdue U., Indianapolis	91	72	0	58	14	3	2	1	0	4	2	2	6	4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Purdue U., West Lafayette	730	140	47	74	19	91	53	12	26	71	44	27	51	14	1	10	8	5	13	272	33	22	22	23	50	15	12	42	53

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U. Notre Dame	274	44	1	43	0	44	28	2	14	24	14	10	46	14	0	5	17	10	0	52	8	4	10	3	10	0	1	7	9
Iowa	743	205	26	138	41	75	42	9	24	60	15	45	76	36	0	15	7	5	13	152	10	4	13	17	27	9	10	31	31
Iowa State U.	390	91	26	57	8	34	19	4	11	46	14	32	31	17	0	9	0	2	3	123	10	1	8	16	22	7	10	23	26
Maharishi U. of Management	6	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Ambrose U.	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Iowa	322	108	0	81	27	41	23	5	13	14	1	13	45	19	0	6	7	3	10	29	0	3	5	1	5	2	0	8	5
U. Northern Iowa	22	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kansas	534	132	24	80	28	62	42	5	15	32	9	23	94	58	3	9	5	3	16	68	3	5	6	5	12	11	0	14	12
Kansas State U.	170	58	24	31	3	19	12	0	7	13	2	11	25	15	0	3	1	2	4	20	0	0	3	3	3	1	0	5	5
U. Kansas	318	72	0	48	24	37	24	5	8	15	7	8	58	32	3	6	4	1	12	25	3	5	3	2	6	0	0	1	5
Wichita State U.	46	2	0	1	1	6	6	0	0	4	0	4	11	11	0	0	0	0	0	23	0	0	0	0	3	10	0	8	2
Kentucky	494	157	22	89	46	38	24	1	13	26	8	18	72	33	5	7	5	8	14	55	0	4	6	5	12	4	2	14	8
Asbury Theological Seminary	19	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Southern Baptist Theological Seminary	41	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Kentucky	285	105	22	48	35	27	16	1	10	13	1	12	45	20	5	7	5	3	5	33	0	4	5	2	3	0	2	10	7
U. Louisville	149	52	0	41	11	11	8	0	3	13	7	6	23	12	0	0	0	5	6	22	0	0	1	3	9	4	0	4	1
Louisiana	576	133	30	88	15	59	24	20	15	40	15	25	94	44	3	13	3	3	28	87	0	15	8	5	13	0	5	12	29

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Uniformed Services U. of the Health Sciences	26	21	1	20	0	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Massachusetts	2,946	721	21	550	150	397	168	49	180	199	108	91	460	130	14	108	45	45	118	606	20	85	68	17	89	11	57	95	164
Bentley U.	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boston C.	137	6	0	3	3	22	15	0	7	5	0	5	26	13	0	9	0	4	0	0	0	0	0	0	0	0	0	0	0
Boston U.	343	98	1	68	29	34	10	2	22	12	7	5	69	19	5	19	7	7	12	49	0	22	0	0	7	0	5	7	8
Brandeis U.	81	20	0	19	1	11	8	0	3	13	7	6	23	6	1	1	2	2	11	0	0	0	0	0	0	0	0	0	
Clark U.	14	3	0	3	0	3	1	0	2	0	0	0	7	1	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0
Harvard U.	717	269	0	211	58	108	30	11	67	35	8	27	126	13	7	46	18	16	26	18	0	5	0	0	1	0	1	0	11
Massachusetts Institute of Technology	645	63	1	54	8	107	45	22	40	70	41	29	70	12	0	22	12	1	23	296	17	30	33	9	32	0	35	59	81
New England Conservatory	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern U.	178	28	1	15	12	27	14	2	11	15	11	4	28	7	0	4	3	6	8	68	0	7	10	0	12	8	4	5	22
Simmons C.	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Smith C.	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Springfield C.	13	6	0	1	5	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suffolk U.	15	0	0	0	0	0	0	0	0	0	0	0	13	12	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Tufts U., Medford	156	58	1	54	3	21	13	2	6	7	3	4	15	6	0	0	0	0	9	37	0	6	8	2	11	0	0	4	6

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Central Michigan U.	39	4	0	4	0	3	3	0	0	2	0	2	24	24	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0
Eastern Michigan U.	48	0	0	0	0	0	0	0	0	0	0	0	16	12	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
Michigan State U.	497	126	26	84	16	44	26	0	18	37	18	19	75	24	10	10	3	7	21	69	0	1	5	3	17	0	6	19	18
Michigan Technological U.	93	18	6	12	0	5	2	2	1	12	4	8	5	1	0	0	0	0	4	45	0	1	6	2	7	0	4	20	5
Oakland U.	52	4	0	4	0	0	0	0	0	9	6	3	1	1	0	0	0	0	0	16	0	0	0	0	3	0	0	8	5
U. Detroit Mercy	7	0	0	0	0	0	0	0	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Michigan, Ann Arbor	853	177	6	132	39	134	65	17	52	58	32	26	116	27	16	33	14	12	14	237	34	23	22	11	51	3	22	34	37
U. Michigan, Dearborn	5	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	2	1	
U. Michigan, Flint	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Van Andel Institute	3	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wayne State U.	205	53	1	42	10	28	17	0	11	10	6	4	29	17	3	2	4	3	0	37	0	9	2	1	5	7	3	5	5
Western Michigan U.	124	16	0	9	7	9	5	3	1	19	7	12	34	25	0	3	4	2	0	12	0	0	1	3	7	0	0	1	0
Minnesota	1,437	382	26	146	210	78	36	9	33	42	26	16	388	224	6	20	12	5	121	155	10	26	27	7	29	3	13	21	19

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New Jersey Institute of Technology	72	2	0	2	0	9	3	0	6	18	8	10	0	0	0	0	0	0	42	0	7	6	3	8	2	4	8	4	
Princeton Theological Seminary	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Princeton U.	396	39	1	38	0	69	24	9	36	41	15	26	73	9	4	19	21	9	11	65	3	2	15	1	13	0	4	9	18
Rowan U.	4	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers School of Biomedical and Health Sciences	45	42	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, Camden	6	3	0	3	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Rutgers, State U. New Jersey, New Brunswick	390	67	14	48	5	34	19	4	11	37	15	22	73	15	9	12	9	6	22	71	0	7	12	7	7	4	13	9	12
Rutgers, State U. New Jersey, Newark	74	13	1	10	2	4	4	0	0	2	1	1	12	2	0	0	1	0	9	0	0	0	0	0	0	0	0	0	0
Seton Hall U.	33	16	0	2	14	2	2	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Technology	50	1	0	1	0	9	5	1	3	2	0	2	0	0	0	0	0	0	0	29	0	4	1	0	1	0	3	5	15
New Mexico	322	47	4	30	13	55	13	12	30	16	9	7	45	21	3	7	1	2	11	57	0	5	6	12	13	2	4	3	12

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		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics	Political science and government	Sociology	Other social sciences											
New Mexico Institute of Mining and Technology	13	0	0	0	0	10	1	5	4	1	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	
New Mexico State U., Las Cruces	118	24	4	13	7	17	4	2	11	4	1	3	11	11	0	0	0	0	0	18	0	0	1	4	6	2	0	2	3	
U. New Mexico, Albuquerque	191	23	0	17	6	28	8	5	15	11	7	4	34	10	3	7	1	2	11	37	0	5	5	8	7	0	2	1	9	
New York	4,260	925	62	749	114	451	167	82	202	339	171	168	880	385	63	137	80	90	125	600	16	80	67	25	124	14	60	88	126	
Adelphi U.	28	4	0	0	4	0	0	0	0	0	0	0	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Albany Medical C.	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Alfred U.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	
Clarkson U.	45	4	1	3	0	5	3	1	1	4	0	4	0	0	0	0	0	0	0	32	0	0	7	3	7	0	0	8	7	
Cold Spring Harbor Laboratory	5	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Columbia U. in the City of New York	659	132	1	105	26	78	18	19	41	46	22	24	149	52	16	36	21	13	11	83	0	14	9	4	20	0	3	8	25	
Columbia U., Teachers C.	98	6	0	2	4	0	0	0	0	0	0	0	3	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
Cornell U.	539	130	47	83	0	94	35	14	45	55	29	26	71	12	7	18	10	10	14	109	2	19	10	5	21	0	14	13	25	

TABLE 7

Doctorate-granting institutions, by state or location and major science and engineering fields of study: 2018

(Number)

State or location and institution	All fields	Science																		Engineering									
		Life sciences				Physical sciences and earth sciences				Mathematics and computer sciences			Psychology and social sciences							Engineering									
		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics	Political science and government	Sociology	Other social sciences	Total	Aerospace, aeronautical, and astronautical	Bioengineering and biomedical	Chemical	Civil	Electrical, electronics, and communications	Industrial and manufacturing	Materials science	Mechanical	Other engineering
Rensselaer Polytechnic Institute, Troy	164	15	1	14	0	18	8	3	7	20	15	5	8	4	1	0	0	0	3	87	9	9	13	0	9	2	6	25	14
Rochester Institute of Technology	31	1	1	0	0	6	0	0	6	4	4	0	0	0	0	0	0	0	0	14	0	2	0	0	0	0	1	0	11
Rockefeller U.	30	26	0	26	0	4	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. John's U., Queens	33	7	0	5	2	2	2	0	0	0	0	0	11	9	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Syracuse U.	149	7	0	4	3	18	7	3	8	17	11	6	36	12	4	8	3	5	4	29	3	2	4	4	6	0	1	5	4
SUNY, Binghamton U.	150	14	0	10	4	11	6	1	4	19	6	13	38	17	5	3	6	5	2	29	0	1	0	0	6	8	2	7	5
SUNY, C. of Environmental Science and Forestry	21	12	6	6	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	6	0	3	1	0	0	0	1	0	1
SUNY, C. of Optometry	7	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SUNY, Downstate Medical Center	3	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
SUNY, Stony Brook U.	257	49	0	44	5	49	15	15	19	48	14	34	41	11	1	9	3	6	11	38	0	5	0	0	6	0	19	4	4
SUNY, U. Albany	168	26	1	21	4	28	7	14	7	6	4	2	46	23	3	3	2	7	8	16	0	0	0	0	1	0	4	0	11

TABLE 7

Doctorate-granting institutions, by state or location and major science and engineering fields of study: 2018

(Number)

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		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics	Political science and government	Sociology	Other social sciences										
SUNY, U. Buffalo	332	70	1	46	23	32	19	5	8	27	15	12	45	8	1	6	3	5	22	65	2	6	14	4	17	4	1	9	8
SUNY, Upstate Medical U.	20	20	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Union Theological Seminary	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Rochester	207	63	0	60	3	38	8	1	29	15	8	7	27	14	0	6	7	0	0	28	0	6	3	0	7	0	5	3	4
Yeshiva U.	60	44	0	43	1	0	0	0	0	0	0	0	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	1,736	541	62	363	116	178	92	34	52	157	66	91	209	71	14	42	13	21	48	309	7	46	12	20	71	18	22	46	67
Duke U.	400	136	14	104	18	46	17	13	16	26	8	18	59	10	8	19	8	6	8	63	0	25	0	0	16	0	4	7	11
East Carolina U.	41	28	0	17	11	0	0	0	0	0	0	0	9	8	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
North Carolina Agricultural and Technical State U.	54	9	4	1	4	2	1	0	1	1	0	1	2	0	0	0	0	0	2	28	0	2	0	0	5	7	1	5	8
North Carolina State U.	495	100	37	63	0	52	35	10	7	68	26	42	37	19	0	9	0	7	2	171	7	11	12	17	41	11	14	19	39
Southeastern Baptist Theological Seminary	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. North Carolina, Chapel Hill	473	208	4	146	58	51	35	6	10	36	18	18	68	16	6	10	5	7	24	12	0	5	0	0	0	0	2	0	5

TABLE 7

Doctorate-granting institutions, by state or location and major science and engineering fields of study: 2018

(Number)

State or location and institution	All fields	Science																		Engineering									
		Life sciences			Physical sciences and earth sciences			Mathematics and computer sciences		Psychology and social sciences						Engineering													
		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics	Political science and government	Sociology	Other social sciences	Total	Aerospace, aeronautical, and astronautical	Bioengineering and biomedical	Chemical	Civil	Electrical, electronics, and communications	Industrial and manufacturing	Materials science	Mechanical	Other engineering
U. North Carolina, Charlotte	114	11	2	6	3	13	0	0	13	19	13	6	15	7	0	0	0	1	7	30	0	0	0	3	9	0	0	15	3
U. North Carolina, Greensboro	106	27	1	4	22	2	2	0	0	7	1	6	19	11	0	4	0	0	4	2	0	0	0	0	0	0	1	0	1
U. North Carolina, Wilmington	6	1	0	1	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	31	21	0	21	0	7	2	0	5	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0
North Dakota	193	74	26	27	21	21	13	2	6	8	3	5	24	18	0	0	0	0	6	26	1	1	2	2	11	1	2	1	5
North Dakota State U.	120	60	25	18	17	10	8	0	2	8	3	5	9	5	0	0	0	0	4	17	0	0	0	8	1	2	1	5	
U. North Dakota	73	14	1	9	4	11	5	2	4	0	0	0	15	13	0	0	0	0	2	9	1	1	2	2	3	0	0	0	0
Ohio	2,051	455	52	311	92	262	133	18	111	125	60	65	262	151	10	14	17	25	45	391	21	40	48	21	74	8	34	53	92
Air Force Institute of Technology	36	0	0	0	0	9	0	0	9	11	6	5	0	0	0	0	0	0	0	14	5	0	0	0	4	0	0	0	5
Bowling Green State U., Bowling Green	89	12	1	8	3	5	5	0	0	8	1	7	29	19	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0
Case Western Reserve U.	200	69	0	61	8	24	13	2	9	5	4	1	7	5	0	0	0	2	0	55	1	14	6	1	4	0	7	7	15
Cleveland State U.	45	7	0	7	0	10	9	0	1	1	1	0	10	7	0	0	0	0	3	9	0	2	1	1	0	0	0	1	4

TABLE 7

Doctorate-granting institutions, by state or location and major science and engineering fields of study: 2018

(Number)

State or location and institution	All fields	Science																		Engineering									
		Life sciences				Physical sciences and earth sciences				Mathematics and computer sciences			Psychology and social sciences							Engineering									
		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics	Political science and government	Sociology	Other social sciences	Total	Aerospace, aeronautical, and astronautical	Bioengineering and biomedical	Chemical	Civil	Electrical, electronics, and communications	Industrial and manufacturing	Materials science	Mechanical	Other engineering
Indiana U. Pennsylvania	59	2	0	0	2	0	0	0	0	0	0	0	17	1	0	0	0	4	12	0	0	0	0	0	0	0	0	0	
Lehigh U.	110	9	0	9	0	12	5	1	6	5	1	4	9	8	0	1	0	0	0	58	0	1	10	1	7	3	7	22	7
Marywood U.	10	2	0	0	2	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pennsylvania State U., University Park and Hershey Medical Center	699	130	24	96	10	81	18	27	36	50	26	24	95	34	4	9	8	11	29	177	7	9	22	8	19	16	26	24	46
Temple U.	227	31	0	24	7	12	3	1	8	18	5	13	42	16	3	3	2	7	11	15	0	9	0	0	2	0	0	3	1
Thomas Jefferson U.	13	13	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Pennsylvania	448	123	1	106	16	40	29	0	11	29	19	10	69	15	3	16	4	4	27	53	0	15	11	0	8	0	8	5	6
U. Pittsburgh, Pittsburgh	404	127	0	86	41	38	28	1	9	39	23	16	35	9	5	6	2	5	8	79	0	31	8	4	13	2	5	6	10
U. of the Sciences Philadelphia	29	21	0	12	9	0	0	0	0	0	0	0	8	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
Villanova U.	32	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	0	1	2	0	2	0	0	2	4
Westminster Theological Seminary	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Widener U., Chester	23	7	0	0	7	0	0	0	0	0	0	0	5	2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Puerto Rico	148	31	7	24	0	15	10	2	3	5	2	3	61	55	0	0	0	0	6	13	0	0	9	1	0	0	1	0	2

TABLE 7

Doctorate-granting institutions, by state or location and major science and engineering fields of study: 2018

(Number)

State or location and institution	All fields	Science																		Engineering															
		Life sciences				Physical sciences and earth sciences				Mathematics and computer sciences			Psychology and social sciences							Total	Aerospace, aeronautical, and astronautical	Bioengineering and biomedical	Chemical	Civil	Electrical, electronics, and communications	Industrial and manufacturing	Materials science	Mechanical	Other engineering						
		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics	Political science and government	Sociology	Other social sciences																
Carlos Albizu U., San Juan	22	0	0	0	0	0	0	0	0	0	0	0	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Inter American U. Puerto Rico, San Juan	16	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Pontifical Catholic U. Puerto Rico, Ponce	16	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Central del Caribe	6	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Puerto Rico, Mayaguez	21	2	0	2	0	5	3	2	0	2	2	0	0	0	0	0	0	0	0	0	12	0	0	9	1	0	0	0	0	0	0	0	2	0	
U. Puerto Rico, Medical Sciences Campus	8	8	1	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Puerto Rico, Rio Piedras	59	15	6	9	0	10	7	0	3	3	0	3	19	13	0	0	0	0	0	6	1	0	0	0	0	0	0	0	0	1	0	0	0	0	
Rhode Island	326	72	4	52	16	53	27	13	13	35	12	23	45	14	0	16	5	4	6	39	0	5	4	0	6	2	6	3	13	7	13	13	13	13	
Brown U.	208	43	1	38	4	31	14	7	10	31	10	21	31	4	0	13	5	4	5	24	0	5	1	0	4	0	6	1	7	7	7	7	7	7	
Salve Regina U.	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Rhode Island	105	29	3	14	12	22	13	6	3	4	2	2	14	10	0	3	0	0	1	15	0	0	3	0	2	2	0	2	6	6	6	6	6	6	
South Carolina	568	157	14	92	51	56	36	8	12	36	12	24	53	20	1	13	0	1	18	139	1	17	17	18	28	8	8	23	19	19	19	19	19	19	
Clemson U.	232	37	13	23	1	24	16	1	7	17	4	13	27	9	0	11	0	0	7	87	0	13	5	12	14	8	8	11	16	16	16	16	16	16	16

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		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics											Political science and government	Sociology	Other social sciences			
U. Texas Health Science Center, Houston ^a	129	124	0	97	27	0	0	0	0	0	0	0	4	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Texas Health Science Center, San Antonio	33	32	0	28	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	
U. Texas Medical Branch	41	40	0	30	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Texas Pan American	22	4	0	0	4	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Texas Southwestern Medical Center	78	59	0	59	0	5	5	0	0	0	0	0	10	10	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	
U. Texas, Arlington	185	19	2	14	3	18	10	1	7	28	11	17	12	4	0	0	0	0	8	80	4	8	0	13	19	6	8	13	9			
U. Texas, Austin	764	89	0	63	26	97	24	31	42	55	25	30	98	30	7	11	13	11	26	195	6	6	22	21	46	0	10	29	55			
U. Texas, Dallas	222	19	0	16	3	29	9	8	12	30	21	9	35	8	0	7	2	0	18	68	0	4	0	0	36	0	11	10	7			
U. Texas, El Paso	75	11	0	9	2	7	5	2	0	6	2	4	8	8	0	0	0	0	0	21	0	1	0	3	4	0	6	6	1			
U. Texas, San Antonio	154	14	1	13	0	25	6	0	19	17	15	2	22	5	4	0	0	0	13	33	0	6	0	3	10	1	1	5	7			
West Texas A&M U.	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Utah	512	137	9	92	36	62	31	14	17	42	18	24	76	51	0	6	3	6	10	110	0	14	15	4	28	0	2	22	25			

TABLE 7

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(Number)

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		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics	Political science and government	Sociology	Other social sciences	Total	Aerospace, aeronautical, and astronautical	Bioengineering and biomedical	Chemical	Civil	Electrical, electronics, and communications	Industrial and manufacturing	Materials science	Mechanical	Other engineering
Brigham Young U., Provo	93	24	0	20	4	13	8	0	5	1	0	1	25	25	0	0	0	0	17	0	0	6	0	5	0	1	2	3	
U. Utah	332	91	0	62	29	41	22	9	10	31	15	16	43	21	0	4	3	6	9	74	0	10	9	1	19	0	1	14	20
Utah State U., Logan	87	22	9	10	3	8	1	5	2	10	3	7	8	5	0	2	0	0	1	19	0	4	0	3	4	0	0	6	2
Vermont	63	29	7	19	3	5	5	0	0	2	1	1	15	12	0	2	0	0	1	9	0	0	0	1	1	0	0	4	3
Middlebury C.	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
U. Vermont	59	29	7	19	3	5	5	0	0	2	1	1	14	12	0	2	0	0	0	9	0	0	0	1	1	0	0	4	3
Virginia	1,518	270	47	158	65	151	53	40	58	119	77	42	261	91	11	44	17	15	83	315	14	31	17	27	58	6	26	44	92
C. of William and Mary	76	4	2	2	0	27	0	10	17	9	9	0	6	0	3	0	0	0	3	2	0	0	0	0	0	0	2	0	0
George Mason U.	272	36	10	19	7	24	2	18	4	36	28	8	91	23	0	19	6	6	37	24	0	2	0	4	6	1	0	0	11
Hampton U.	17	2	0	0	2	3	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
James Madison U.	13	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Norfolk State U.	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8	0	0
Old Dominion U.	136	13	0	4	9	8	3	1	4	8	6	2	22	9	0	0	0	0	13	25	2	2	0	6	5	0	0	4	6
Regent U.	45	0	0	0	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Union Presbyterian Seminary	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Virginia, Charlottesville	324	64	5	50	9	32	12	2	18	23	8	15	56	17	8	17	9	5	0	65	1	8	9	3	12	0	12	4	16

TABLE 7

Doctorate-granting institutions, by state or location and major science and engineering fields of study: 2018

(Number)

State or location and institution	All fields	Science																		Engineering									
		Life sciences				Physical sciences and earth sciences				Mathematics and computer sciences			Psychology and social sciences							Total	Aerospace, aeronautical, and astronautical	Bioengineering and biomedical	Chemical	Civil	Electrical, electronics, and communications	Industrial and manufacturing	Materials science	Mechanical	Other engineering
		Total	Agricultural sciences and natural resources	Biological and biomedical sciences	Health sciences	Total	Chemistry	Geosciences, atmospheric sciences, and ocean sciences	Physics and astronomy	Total	Computer and information sciences	Mathematics and statistics	Total	Psychology	Anthropology	Economics	Political science and government	Sociology	Other social sciences										
U. Wisconsin-Madison	770	222	30	152	40	103	54	22	27	54	20	34	98	29	3	26	9	14	17	124	0	10	15	2	27	8	22	15	25
U. Wisconsin-Milwaukee	184	30	0	13	17	14	8	1	5	11	4	7	51	22	2	9	1	4	13	21	0	1	0	0	9	1	1	6	3
Wyoming	102	25	7	18	0	20	5	11	4	9	3	6	8	3	1	2	0	0	2	22	0	0	3	6	4	0	0	2	7
U. Wyoming	102	25	7	18	0	20	5	11	4	9	3	6	8	3	1	2	0	0	2	22	0	0	3	6	4	0	0	2	7

^a Most degrees reported in "biological and biomedical sciences" fields of study for University of Texas, Health Science Center at Houston are awarded jointly with the M. D. Anderson Cancer Center through the U. of Texas Graduate School of Biomedical Sciences at Houston.

Note(s)

See table A-6 in the technical notes for a listing of major fields and their constituent subfields.

Source(s)

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