

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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										
All institutions	55,703	12,781	1,491	8,702	2,588	6,585	2,941	1,274	2,370	4,240	2,228	2,012	9,071	3,936	445	1,247	707	633	2,103	10,303	379	1,164	981	701	1,799	234	992	1,533	2,520
Alabama	653	198	27	122	49	46	27	7	12	34	11	23	79	59	1	8	4	4	3	145	5	9	14	12	24	12	14	21	34
Alabama A&M U.	4	3	2	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
Alabama State U.	4	1	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	0
Auburn U., Auburn	253	71	24	20	27	18	14	1	3	13	3	10	22	17	0	3	0	0	2	65	1	1	12	8	8	12	2	10	11
Tuskegee U.	5	4	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
U. Alabama, Birmingham	150	93	0	75	18	8	5	0	3	4	2	2	17	13	0	0	0	4	0	18	0	7	0	0	1	0	3	0	7
U. Alabama, Huntsville	38	4	0	4	0	8	1	4	3	3	0	3	1	0	0	1	0	0	0	22	2	0	0	1	9	0	0	4	6
U. Alabama, Tuscaloosa	171	10	1	8	1	11	7	1	3	12	4	8	33	23	1	4	4	0	1	34	2	0	2	3	6	0	8	7	6
U. South Alabama	28	12	0	10	2	1	0	1	0	2	2	0	6	6	0	0	0	0	0	5	0	1	0	0	0	0	0	0	4
Alaska	42	12	5	7	0	9	0	9	0	1	0	1	14	7	2	0	0	0	5	1	0	0	0	1	0	0	0	0	0
U. Alaska, Anchorage	5	0	0	0	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
U. Alaska, Fairbanks	37	12	5	7	0	9	0	9	0	1	0	1	9	2	2	0	0	0	5	1	0	0	0	1	0	0	0	0	0
Arizona	847	162	28	97	37	109	26	40	43	56	23	33	161	40	17	13	6	11	74	141	4	15	10	16	34	3	9	13	37
Arizona State U.	392	49	6	32	11	34	9	12	13	36	19	17	64	17	11	6	2	0	28	90	2	10	4	14	24	3	8	10	15
Northern Arizona U.	44	14	4	10	0	4	0	4	0	0	0	0	11	3	0	0	3	0	5	1	0	0	0	0	0	0	0	0	1
Prescott C.	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	0	0	0
U. Arizona	406	99	18	55	26	71	17	24	30	20	4	16	86	20	6	7	1	11	41	50	2	5	6	2	10	0	1	3	21
Arkansas	239	83	18	43	22	15	4	3	8	16	12	4	24	9	2	3	0	0	10	41	0	3	6	3	8	5	3	1	12
Arkansas State U., Jonesboro	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
U. Arkansas for Medical Sciences	15	15	0	7	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
U. Arkansas, Fayetteville	179	57	18	27	12	12	2	3	7	8	4	4	17	6	2	3	0	0	6	33	0	3	6	3	7	5	3	1	5

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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. of the West	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	0	0	0	0	0
U. San Diego	32	19	0	0	19	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. San Francisco	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	0	0	0	0	0
U. Southern California	494	97	0	72	25	52	21	15	16	66	49	17	60	12	0	16	4	6	22	131	7	20	8	6	39	4	8	6	6	33	4	8	6	33
Colorado	1,036	233	28	164	41	168	53	63	52	83	28	55	130	56	8	24	6	9	27	227	17	14	33	25	33	0	11	29	29	65	11	29	65	
Colorado School of Mines	96	2	1	1	0	36	4	23	9	6	1	5	4	0	0	4	0	0	0	48	0	0	8	2	3	0	5	7	7	23	5	7	23	
Colorado State U., Fort Collins	263	97	23	65	9	48	25	17	6	22	6	16	26	14	0	8	2	1	1	46	0	10	1	8	8	0	1	7	7	11	7	11		
U. Colorado Boulder	388	43	3	37	3	76	22	23	31	42	18	24	55	7	8	12	4	8	16	102	17	3	24	14	14	0	4	8	8	18	4	8	18	
U. Colorado Colorado Springs	30	0	0	0	0	2	0	0	2	4	3	1	4	3	0	0	0	0	1	11	0	0	0	0	2	0	0	0	0	0	9	0	9	
U. Colorado Denver	106	84	1	55	28	0	0	0	0	2	0	2	4	3	0	0	0	0	1	7	0	1	0	1	0	0	0	3	2	0	3	2		
U. Denver	96	3	0	3	0	6	2	0	4	7	0	7	22	15	0	0	0	0	7	13	0	0	0	0	6	0	1	4	2	0	4	2		
U. Northern Colorado	57	4	0	3	1	0	0	0	0	0	0	0	15	14	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Connecticut	796	200	14	161	25	125	68	22	35	57	23	34	145	40	6	32	21	13	33	106	0	15	10	3	18	0	17	16	27	17	16	27		
U. Bridgeport	12	0	0	0	0	0	0	0	0	7	6	1	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	3	0	3	
U. Connecticut, Storrs	355	75	9	48	18	50	30	8	12	33	12	21	61	28	3	8	5	5	12	75	0	7	4	3	14	0	17	15	15	17	15	15		
U. New Haven	3	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	0	0	0	0	
Wesleyan U.	11	4	0	4	0	5	2	0	3	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Yale U.	415	121	5	109	7	70	36	14	20	15	5	10	81	12	3	24	16	8	18	27	0	7	6	0	4	0	0	1	9	1	9			
Delaware	241	41	11	23	7	45	23	7	15	17	11	6	36	8	0	10	1	3	14	75	0	10	18	7	13	0	11	4	12	4	12			
Delaware State U.	6	0	0	0	0	4	2	0	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Delaware	235	41	11	23	7	41	21	7	13	15	11	4	36	8	0	10	1	3	14	75	0	10	18	7	13	0	11	4	12	4	12			
District of Columbia	584	79	2	60	17	32	14	1	17	38	23	15	178	65	8	40	24	1	40	52	1	1	0	1	7	0	0	14	14	28	14	28		

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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																
Indiana U.-Purdue U., Indianapolis	83	48	2	29	17	3	0	1	2	7	6	1	8	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Purdue U., West Lafayette	730	139	50	72	17	88	50	11	27	67	37	30	57	22	0	8	2	8	17	276	29	15	17	18	46	10	26	55	60						
U. Notre Dame	240	34	1	33	0	38	22	4	12	23	15	8	40	15	1	4	10	7	3	46	3	4	11	4	12	0	1	6	5						
Iowa	727	184	33	120	31	80	48	13	19	70	22	48	74	41	2	7	2	6	16	161	8	10	16	24	19	5	10	27	42						
Iowa State U.	389	99	33	62	4	43	25	8	10	40	12	28	33	18	0	5	0	4	6	126	8	1	11	21	13	5	10	21	36						
Maharishi U. of Management	5	1	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	0	0	0	0	0	0	0
St. Ambrose U.	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	0	0	0	0	0	0	0	0
U. Iowa	311	81	0	57	24	37	23	5	9	30	10	20	41	23	2	2	2	2	10	35	0	9	5	3	6	0	0	6	6						
U. Northern Iowa	20	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	0	0	0	0	0	0
Kansas	536	141	41	63	37	49	29	5	15	32	8	24	100	53	2	12	8	7	18	87	5	7	16	12	18	2	2	7	18						
Kansas State U.	195	69	41	23	5	19	12	2	5	11	2	9	28	16	0	1	2	3	6	32	0	1	8	4	6	0	2	3	8						
U. Kansas	304	71	0	40	31	29	16	3	10	15	4	11	58	23	2	11	6	4	12	40	3	6	8	8	7	0	0	1	7						
Wichita State U.	37	1	0	0	1	1	1	0	0	6	2	4	14	14	0	0	0	0	0	15	2	0	0	0	5	2	0	3	3						
Kentucky	524	136	20	80	36	36	16	4	16	31	13	18	96	47	8	5	2	8	26	69	0	3	11	6	13	6	8	13	9						
Asbury Theological Seminary	16	0	0	0	0	0	0	0	0	0	0	0	6	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern Baptist Theological Seminary	32	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. Kentucky	322	91	20	42	29	26	11	4	11	23	8	15	61	27	7	5	2	6	14	50	0	2	7	5	10	0	8	9	9						
U. Louisville	154	45	0	38	7	10	5	0	5	8	5	3	29	20	0	0	0	2	7	19	0	1	4	1	3	6	0	4	0						
Louisiana	615	163	36	107	20	63	26	16	21	36	11	25	88	35	4	11	7	6	25	101	0	10	12	13	8	0	6	9	43						
Grambling State U.	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	0	0	0	0	0	0
Louisiana State U., Baton Rouge	300	68	31	33	4	40	17	13	10	15	4	11	31	12	0	2	4	4	9	55	0	2	5	9	8	0	3	6	22						

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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										
Wayne State U.	205	44	3	25	16	35	32	0	3	17	10	7	29	15	2	2	5	3	2	29	0	2	1	4	6	7	1	3	5
Western Michigan U.	113	5	0	1	4	8	2	4	2	15	8	7	33	21	0	5	1	4	2	21	0	1	2	3	6	2	0	4	3
Minnesota	1,578	382	22	165	195	78	46	8	24	56	29	27	468	276	4	29	5	7	147	135	9	15	21	8	30	5	14	18	15
Luther Seminary	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	0	0	0
Mayo Clinic, Mayo Graduate School	34	33	0	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
U. Minnesota, Twin Cities	719	188	22	115	51	78	46	8	24	55	28	27	108	46	4	29	5	7	17	132	9	14	21	8	30	5	14	18	13
Walden U.	820	161	0	18	143	0	0	0	0	1	1	0	360	230	0	0	0	0	130	2	0	0	0	0	0	0	0	0	2
Mississippi	517	115	41	45	29	59	31	15	13	12	5	7	75	45	0	8	3	3	16	59	4	1	3	5	6	4	3	7	26
Jackson State U.	85	6	4	2	0	5	5	0	0	0	0	0	13	3	0	0	0	0	10	6	0	0	0	1	0	0	0	0	5
Mississippi State U.	179	64	37	20	7	17	5	7	5	5	3	2	17	12	0	2	0	3	0	36	4	0	1	2	2	4	2	6	15
U. Mississippi, Oxford	129	40	0	21	19	19	10	4	5	3	2	1	14	10	0	1	2	0	1	14	0	1	2	2	4	0	1	1	3
U. Southern Mississippi	124	5	0	2	3	18	11	4	3	4	0	4	31	20	0	5	1	0	5	3	0	0	0	0	0	0	0	0	3
Missouri	978	223	31	153	39	101	45	25	31	45	21	24	161	80	5	27	17	11	21	182	8	26	26	13	17	1	8	27	56
Concordia Seminary	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
Midwestern Baptist Theological Seminary	11	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
Missouri U. of Science and Technology	100	1	0	1	0	15	5	8	2	5	3	2	0	0	0	0	0	0	79	4	0	9	8	3	1	6	13	35	
Saint Louis U.	135	20	2	11	7	10	5	3	2	1	0	1	28	22	0	0	0	0	6	5	1	1	0	1	0	0	0	1	1
U. Missouri, Columbia	325	87	28	51	8	25	12	6	7	20	7	13	67	28	1	11	7	11	9	35	2	5	4	2	5	0	0	8	9
U. Missouri, Kansas City	61	19	0	4	15	2	1	0	1	4	3	1	15	9	0	6	0	0	0	6	0	1	0	2	2	0	0	0	1
U. Missouri, Saint Louis	55	6	0	3	3	5	4	0	1	1	0	1	19	12	0	0	3	0	4	0	0	0	0	0	0	0	0	0	0
Washington U., Saint Louis	287	90	1	83	6	44	18	8	18	14	8	6	32	9	4	10	7	0	2	57	1	19	13	0	7	0	2	5	10

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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. Rochester	186	55	0	45	10	36	13	1	22	12	7	5	32	20	0	3	9	0	0	19	0	9	2	0	3	0	3	1	1
Yeshiva U.	25	0	0	0	0	0	0	0	0	1	0	1	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	1,808	498	69	326	103	184	98	35	51	187	85	102	229	79	11	42	27	26	44	315	6	54	20	11	56	19	26	32	91
Duke U.	382	103	10	84	9	34	19	8	7	42	17	25	64	11	6	14	11	9	13	64	0	29	0	0	11	0	4	5	15
East Carolina U.	58	39	4	25	10	1	0	1	0	0	0	0	13	11	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
North Carolina Agricultural and Technical State U.	52	5	3	2	0	1	0	0	1	4	4	0	2	2	0	0	0	0	0	17	0	1	0	0	1	7	0	0	8
North Carolina State U.	533	105	49	55	1	67	32	13	22	77	31	46	39	14	0	11	0	11	3	164	6	6	20	9	26	12	17	16	52
Southeastern Baptist Theological Seminary	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	0	0	0
U. North Carolina, Chapel Hill	489	176	3	112	61	64	40	12	12	40	18	22	77	18	5	13	16	6	19	14	0	6	0	0	0	0	3	0	5
U. North Carolina, Charlotte	130	22	0	15	7	6	1	0	5	23	15	8	13	7	0	1	0	0	5	39	0	1	0	2	18	0	0	11	7
U. North Carolina, Greensboro	93	18	0	5	13	2	2	0	0	1	0	1	21	16	0	2	0	0	3	5	0	0	0	0	0	0	1	0	4
U. North Carolina, Wilmington	2	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wake Forest U.	49	29	0	27	2	8	4	0	4	0	0	0	0	0	0	0	0	0	0	12	0	11	0	0	0	0	1	0	0
North Dakota	168	49	18	23	8	23	12	6	5	10	5	5	23	19	0	0	0	1	3	24	1	0	1	2	2	0	2	2	14
North Dakota State U.	87	35	18	12	5	12	9	1	2	8	3	5	4	3	0	0	0	0	1	16	0	0	0	1	1	0	2	2	10
U. North Dakota	81	14	0	11	3	11	3	5	3	2	2	0	19	16	0	0	0	1	2	8	1	0	1	1	1	0	0	0	4
Ohio	2,000	474	45	335	94	252	113	13	126	98	41	57	247	125	11	19	13	25	54	406	17	41	37	21	83	9	38	67	93
Air Force Institute of Technology	35	0	0	0	0	5	0	0	5	9	3	6	0	0	0	0	0	0	0	20	3	0	0	0	7	0	1	0	9
Bowling Green State U., Bowling Green	72	4	0	4	0	7	7	0	0	6	0	6	22	15	0	0	0	4	3	0	0	0	0	0	0	0	0	0	0
Case Western Reserve U.	191	80	0	61	19	17	6	1	10	4	1	3	16	7	6	0	0	1	2	46	0	7	6	3	4	0	6	4	16

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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											
Cleveland State U.	39	9	0	9	0	8	8	0	0	0	0	0	9	5	0	0	0	0	4	5	0	1	0	1	0	0	0	0	3	0
Kent State U., Kent	176	33	0	16	17	28	7	1	20	15	9	6	25	13	0	0	1	4	7	1	0	0	0	0	0	0	1	0	0	
Miami U., Oxford	59	10	0	10	0	6	5	1	0	0	0	0	17	10	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	
Ohio State U., Columbus	726	191	41	116	34	83	32	7	44	34	16	18	89	31	5	19	10	9	15	146	6	15	11	3	33	7	18	22	31	
Ohio U., Athens	139	19	0	17	2	20	3	0	17	9	3	6	16	16	0	0	0	0	0	18	0	0	9	4	4	0	0	1	0	
U. Akron, Akron	122	3	1	2	0	33	21	0	12	0	0	0	15	11	0	0	0	4	0	66	0	10	10	5	4	1	4	16	16	
U. Cincinnati, Uptown West Campus	241	70	1	51	18	24	13	2	9	6	1	5	26	5	0	0	2	3	16	47	6	4	1	4	9	0	3	10	10	
U. Dayton	45	4	0	4	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	25	1	0	0	0	10	0	5	6	3	
U. Toledo	118	39	0	35	4	17	11	0	6	10	4	6	7	7	0	0	0	0	0	18	0	3	0	1	5	0	0	5	4	
Wright State U., Dayton	37	12	2	10	0	1	0	1	0	5	4	1	5	5	0	0	0	0	0	14	1	1	0	0	7	1	0	0	4	
Oklahoma	482	91	22	54	15	70	31	23	16	22	7	15	63	37	1	4	4	6	11	98	3	6	11	7	20	1	1	18	31	
Oklahoma City U.	4	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	
Oklahoma State U., Center for Health Sciences	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	
Oklahoma State U., Stillwater	231	47	21	22	4	32	17	10	5	7	1	6	34	22	0	2	0	4	6	35	2	3	4	5	8	1	0	6	6	
U. Oklahoma, Norman	199	39	1	28	10	29	10	11	8	10	1	9	21	9	0	2	4	2	4	43	1	3	7	2	12	0	0	6	12	
U. Tulsa	44	0	0	0	0	9	4	2	3	5	5	0	8	6	1	0	0	0	1	20	0	0	0	0	0	0	1	6	13	
Oregon	572	152	50	81	21	84	34	29	21	43	20	23	111	47	8	11	3	9	33	97	0	4	6	15	23	3	5	11	30	
Oregon Health and Science U.	38	31	0	28	3	1	1	0	0	2	2	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	
Oregon State U., Corvallis	287	92	41	37	14	46	18	20	8	22	12	10	35	17	1	4	0	0	13	75	0	0	6	14	19	3	4	8	21	
Portland State U.	71	14	7	5	2	9	2	5	2	4	3	1	19	9	0	0	1	3	6	18	0	0	0	1	4	0	1	3	9	
U. Oregon	176	15	2	11	2	28	13	4	11	15	3	12	57	21	7	7	2	6	14	0	0	0	0	0	0	0	0	0	0	
Pennsylvania	2,600	560	24	405	131	248	103	44	101	247	150	97	377	150	15	53	29	24	106	514	6	66	42	24	75	16	59	76	150	

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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		
Inter American U. Puerto Rico, San Juan	18	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	0	0
Ponce Heath Sciences U.	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	0	
Pontifical Catholic U. Puerto Rico, Ponce	15	0	0	0	0	0	0	0	0	0	0	0	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
U. Central del Caribe	1	1	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	0	0	
U. del Turabo	5	5	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	0	0	
U. Puerto Rico, Mayaguez	20	2	0	2	0	6	5	1	0	3	2	1	0	0	0	0	0	0	0	9	0	1	2	2	1	0	1	0	2		
U. Puerto Rico, Medical Sciences Campus	18	18	0	18	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	28	9	5	4	0	7	4	0	3	0	0	0	4	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
Rhode Island	338	65	2	48	15	54	22	14	18	40	17	23	61	18	3	13	10	3	14	42	0	9	5	0	5	0	4	6	13		
Brown U.	225	42	0	38	4	28	9	5	14	37	14	23	41	5	3	11	10	3	9	27	0	8	1	0	2	0	4	4	8		
Salve Regina U.	10	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	0	
U. Rhode Island	103	23	2	10	11	26	13	9	4	3	3	0	17	13	0	2	0	0	2	15	0	1	4	0	3	0	0	2	5		
South Carolina	547	130	16	69	45	60	41	8	11	48	17	31	68	30	2	18	5	1	12	121	0	20	12	19	13	4	11	26	16		
Clemson U.	243	35	16	17	2	21	16	1	4	19	7	12	27	11	0	15	0	0	1	84	0	15	6	13	8	4	9	17	12		
Medical U. South Carolina	39	39	0	31	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	
U. South Carolina, Columbia	265	56	0	21	35	39	25	7	7	29	10	19	41	19	2	3	5	1	11	37	0	5	6	6	5	0	2	9	4		
South Dakota	102	44	11	28	5	14	8	3	3	12	11	1	8	6	0	0	0	2	0	18	0	5	3	4	3	0	1	0	2		
Dakota State U.	11	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	0	0	0	0	
South Dakota School of Mines and Technology	15	0	0	0	0	5	0	3	2	0	0	0	0	0	0	0	0	0	0	10	0	3	3	2	0	0	1	0	1		

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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										
South Dakota State U.	46	30	11	15	4	7	7	0	0	1	0	1	2	0	0	0	0	2	0	6	0	0	0	2	3	0	0	0	1
U. South Dakota	30	14	0	13	1	2	1	0	1	0	0	0	6	6	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0
Tennessee	949	264	21	196	47	85	47	12	26	55	29	26	141	71	8	18	8	10	26	173	1	18	19	11	29	5	16	25	49
East Tennessee State U.	26	15	0	9	6	0	0	0	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meharry Medical C.	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
Mid-America Baptist Theological Seminary	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
Middle Tennessee State U.	40	11	0	4	7	1	1	0	0	2	0	2	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee State U.	32	11	3	8	0	0	0	0	0	2	2	0	11	11	0	0	0	0	0	5	0	0	0	0	0	0	1	4	
Tennessee Technological U.	25	4	3	1	0	1	1	0	0	3	3	0	0	0	0	0	0	0	0	12	0	0	3	0	5	0	1	3	0
U. Memphis	138	17	0	7	10	7	2	5	0	9	4	5	34	23	0	1	0	0	10	7	0	0	0	2	0	0	0	5	
U. Tennessee, Chattanooga	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	0	0
U. Tennessee, Health Science Center	23	23	0	13	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
U. Tennessee, Knoxville	359	61	13	44	4	50	29	5	16	24	12	12	57	23	6	3	5	7	13	97	1	4	9	9	13	5	8	13	35
Vanderbilt U.	291	115	2	103	10	26	14	2	10	15	8	7	29	8	2	10	3	3	3	52	0	14	7	2	9	0	7	8	5
Texas	4,166	913	103	626	184	471	192	138	141	277	141	136	508	241	19	45	39	32	132	965	31	90	97	71	183	15	85	133	260
Baylor C. of Medicine	112	112	0	111	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
Baylor U.	92	17	4	8	5	16	9	4	3	10	0	10	12	4	0	0	4	4	0	3	0	1	0	0	1	0	0	1	0
Brite Divinity S.	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
Dallas Theological Seminary	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
Lamar U.	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	6	1	2	3	0	0	1
Prairie View A&M U.	6	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4	1	0	0	0	0	1	0	0	0	0

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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										
Rice U.	221	17	0	17	0	52	24	7	21	31	16	15	19	4	0	3	4	2	6	71	0	21	18	0	8	0	9	4	11
Sam Houston State U.	20	0	0	0	0	0	0	0	0	0	0	0	15	7	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0
Southern Methodist U.	59	4	0	4	0	8	3	4	1	6	4	2	11	2	7	2	0	0	0	15	0	0	0	0	6	0	0	5	4
Southwestern Baptist Theological Seminary	16	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
St. Mary's U., San Antonio	6	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stephen F. Austin State 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
Texas A&M International U.	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
Texas A&M U., College Station and Health Science Center	744	169	62	83	24	85	33	31	21	30	10	20	79	25	6	14	6	9	19	265	12	10	29	19	46	3	11	43	92
Texas A&M U.-Commerce	21	0	0	0	0	0	0	0	0	0	0	0	12	10	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
Texas A&M U.-Corpus Christi	16	0	0	0	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Texas A&M U.-Kingsville	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2
Texas Christian U.	30	1	0	1	0	9	7	0	2	1	0	1	4	4	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
Texas Southern U.	22	4	1	2	1	1	0	1	0	0	0	0	7	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
Texas State U.	53	7	0	7	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11	4	0	0	0	0	0	0	3	1	0
Texas Tech U.	317	56	23	30	3	21	8	3	10	17	4	13	37	25	0	8	1	0	3	60	0	0	6	8	6	4	1	13	22
Texas Tech U., Health Sciences Center	19	19	0	15	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
Texas Woman's U.	71	29	0	1	28	0	0	0	0	0	0	0	23	17	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0
U. Dallas	8	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
U. Houston	300	31	0	20	11	58	23	18	17	29	13	16	45	30	0	3	8	0	4	81	0	12	11	6	7	1	14	7	23
U. North Texas, Denton	232	19	3	15	1	27	17	0	10	39	31	8	31	27	0	0	1	2	1	16	0	1	0	0	2	0	8	2	3

Table 7

Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019

(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. Vermont	74	39	13	25	1	10	8	1	1	3	2	1	9	8	0	0	0	0	1	10	0	0	0	3	2	0	1	2	2
Virginia	1,433	273	43	157	73	138	52	27	59	106	69	37	217	80	5	28	14	15	75	295	11	34	15	21	53	5	31	37	88
C. of William and Mary	66	1	0	1	0	24	0	10	14	14	12	2	7	0	1	0	0	0	6	1	0	0	0	0	0	0	1	0	0
Eastern Virginia Medical School	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
George Mason U.	259	37	7	13	17	12	2	7	3	29	21	8	86	21	1	15	6	4	39	19	0	3	0	2	3	0	0	0	11
Hampton U.	14	4	0	0	4	3	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
James Madison U.	13	2	0	0	2	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norfolk State U.	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	0	0
Old Dominion U.	119	7	0	4	3	9	2	1	6	10	5	5	15	12	0	0	0	0	3	29	0	2	0	1	5	1	0	5	15
Regent U.	58	0	0	0	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
Union Presbyterian Seminary	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
U. Virginia, Charlottesville	308	64	1	52	11	30	11	1	18	14	7	7	34	12	3	9	5	4	1	78	4	13	6	7	15	0	9	8	16
Virginia Commonwealth U.	178	66	0	40	26	18	17	0	1	13	9	4	21	13	0	0	0	0	8	18	0	2	1	0	3	0	3	4	5
Virginia Polytechnic Institute and State U.	405	88	35	43	10	42	20	6	16	26	15	11	44	12	0	4	3	7	18	144	7	14	8	11	27	4	12	20	41
Washington	1,001	293	43	187	63	98	32	36	30	101	59	42	141	39	10	27	9	11	45	188	8	34	19	15	31	0	14	29	38
Gonzaga U.	13	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Seattle Pacific U.	21	0	0	0	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
U. Washington, Seattle	708	221	12	162	47	79	21	32	26	77	45	32	73	16	8	13	5	5	26	136	8	33	13	10	20	0	7	18	27
Washington State U.	259	72	31	25	16	19	11	4	4	24	14	10	53	11	2	14	4	6	16	52	0	1	6	5	11	0	7	11	11
West Virginia	225	62	12	33	17	26	10	6	10	10	7	3	35	15	0	9	3	0	8	26	0	0	6	1	1	2	3	6	7
Marshall U.	24	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
West Virginia U.	201	57	12	28	17	26	10	6	10	10	7	3	35	15	0	9	3	0	8	26	0	0	6	1	1	2	3	6	7

Table 7**Doctorate recipients, by state or location, institution, and major science and engineering fields of study: 2019**

(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
Wisconsin	1,067	305	37	187	81	113	56	13	44	79	33	46	149	48	6	37	7	12	39	168	0	14	22	12	26	6	16	29	43
Cardinal Stritch U.	21	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Marquette U.	70	24	0	9	15	5	5	0	0	5	4	1	8	8	0	0	0	0	0	11	0	2	0	1	1	0	0	5	2
Medical C. Wisconsin	32	31	0	26	5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. Wisconsin-Madison	780	226	37	144	45	91	43	10	38	54	21	33	111	31	5	34	6	12	23	134	0	11	22	7	22	4	13	19	36
U. Wisconsin-Milwaukee	164	23	0	8	15	16	8	3	5	20	8	12	29	9	1	3	1	0	15	23	0	1	0	4	3	2	3	5	5
Wyoming	78	24	4	20	0	14	7	7	0	3	1	2	11	7	0	3	0	0	1	18	0	0	5	5	1	0	1	2	4
U. Wyoming	78	24	4	20	0	14	7	7	0	3	1	2	11	7	0	3	0	0	1	18	0	0	5	5	1	0	1	2	4

^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.