

TABLE 12. Doctorates awarded, by state, institution, and major field: 2004

State and institution	Agricultural and biological sciences																						Physical sciences					Engineering					Non-S&E
	S&E rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Total	Chemistry	Physics and astronomy	Other	Psychology	Social sciences	Total	Chemical	Civil	Electrical	Mechanical	Other												
All institutions	na	42,155	26,275	6,983	1,046	5,937	949	672	1,075	3,353	1,987	1,351	15	3,336	4,131	5,776	723	675	1,649	853	1,876	15,880											
Alabama	27	484	285	97	21	76	11	6	11	36	17	19	0	36	28	60	2	5	14	8	31	199											
AL A&M U.	296	5	5	2	2	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0											
Auburn U. main campus	94	155	97	27	19	8	4	0	6	12	10	2	0	16	16	16	1	2	5	2	6	58											
U.S. Sports Academy	354	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11											
U. AL, The	103	159	77	9	0	9	4	2	3	15	7	8	0	18	10	16	1	2	5	2	6	82											
U. AL Birmingham, The	108	111	72	55	0	55	2	0	2	0	0	0	0	2	2	9	0	0	0	0	9	39											
U. AL Huntsville, The	180	31	31	2	0	2	1	3	0	6	0	6	0	0	0	19	0	1	4	4	10	0											
U. South AL	319	12	3	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9											
Alaska	52	20	18	6	5	1	0	5	0	2	0	1	1	0	2	3	0	1	1	0	1	2											
U. AK Fairbanks	226	20	18	6	5	1	0	5	0	2	0	1	1	0	2	3	0	1	1	0	1	2											
Arizona	17	793	485	105	16	89	17	26	22	69	37	32	0	50	87	109	9	15	32	8	45	308											
AZ State U. main campus	37	357	206	30	2	28	15	6	12	9	6	3	0	30	32	72	5	8	27	4	28	151											
Northern AZ U.	226	35	18	11	4	7	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	17											
U. AZ	24	401	261	64	10	54	2	20	10	60	31	29	0	20	48	37	4	7	5	4	17	140											
Arkansas	41	158	93	49	28	21	1	2	3	10	4	5	1	8	1	19	3	3	4	2	7	65											
AR State U. main campus	305	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
U. AR for Medical Sciences	263	12	10	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2											
U. AR Little Rock	328	32	2	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	30											
U. AR main campus	103	110	77	35	24	11	1	2	3	8	3	4	1	8	1	19	3	3	4	2	7	33											
California	1	5,008	3,499	780	55	725	156	103	139	455	265	186	4	492	594	780	63	93	290	111	223	1,509											
Azusa Pacific U.	354	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3											
Biola U.	289	16	6	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	10											
CA Institute of Integral Studies	283	28	7	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0	21											
CA Institute of Technology	52	166	164	19	1	18	3	6	15	66	26	40	0	1	0	54	9	2	16	10	17	2											
CA School of Professional Psychologists Fresno	188	29	29	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0											
CA School of Professional Psychology Alameda	152	45	44	0	0	0	0	0	0	0	0	0	0	44	0	0	0	0	0	0	0	1											
CA School of Professional Psychology Los Angeles	161	39	39	0	0	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0											
CA School of Professional Psychology San Diego	132	60	52	0	0	0	0	0	0	0	0	0	0	52	0	0	0	0	0	0	0	8											
Claremont Graduate U.	154	100	43	1	0	1	6	0	4	0	0	0	0	13	19	0	0	0	0	0	0	57											
Claremont School of Theology	354	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4											
Fielding Institute, The	136	82	50	12	0	12	0	0	0	0	0	0	0	35	3	0	0	0	0	0	0	32											
Fuller Theological Seminary CA	211	63	22	0	0	0	0	0	0	0	0	0	0	21	1	0	0	0	0	0	0	41											
Graduate Theological Union	342	24	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	23											

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	S&E rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Total	Chemistry	Physics and astronomy	Other	Psychology	Social sciences	Total	Chemical	Civil	Electrical	Mechanical	Other												
La Sierra U.	354	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9											
Loma Linda U.	207	34	23	10	0	10	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	11											
Naval Postgraduate School	270	9	9	0	0	0	4	4	0	0	0	0	0	0	1	0	0	0	1	0	0												
Pacific Graduate School of Psychology	161	40	39	0	0	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	1												
Pepperdine U. Malibu	354	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43												
RAND Graduate School of Policy Studies	255	11	11	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	0	0												
San Diego State U.	279	22	8	2	0	2	0	1	0	0	0	0	3	1	1	0	1	0	0	0	14												
Santa Clara U.	289	6	6	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0												
Saybrook Institute	201	30	24	0	0	0	0	0	0	0	0	0	22	2	0	0	0	0	0	0	6												
Scripps Research Institute, The	178	32	32	16	0	16	0	0	0	15	15	0	0	0	1	0	0	0	1	0	0												
Stanford U.	3	591	469	71	1	70	19	23	23	57	28	29	0	13	64	199	14	23	72	28	122												
U. CA, Berkeley	1	769	537	108	20	88	19	14	30	88	58	30	0	21	119	138	10	28	37	30	232												
U. CA, Davis	17	375	333	147	20	127	12	4	14	32	16	16	0	16	44	64	8	14	15	4	42												
U. CA, Irvine	65	187	136	22	1	21	14	4	5	26	19	7	0	6	33	26	2	5	10	4	51												
U. CA, Los Angeles	5	664	432	132	2	130	26	3	20	48	30	18	0	18	91	94	4	7	43	22	232												
U. CA, Riverside	90	141	103	34	4	30	2	5	5	16	10	6	0	5	31	5	0	1	4	0	38												
U. CA, San Diego	22	326	281	74	0	74	14	11	11	43	24	16	3	28	42	58	3	4	24	5	45												
U. CA, San Francisco	110	95	70	47	0	47	1	0	0	5	4	1	0	10	7	2	0	0	0	5	25												
U. CA, Santa Barbara	44	253	179	20	1	19	7	10	8	27	15	12	0	20	43	44	8	0	17	4	74												
U. CA, Santa Cruz	98	104	89	24	5	19	5	10	1	11	5	5	1	7	22	9	0	0	9	0	15												
U. La Verne	342	35	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	34												
U. San Diego	354	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23												
U. San Francisco	354	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45												
U. Southern CA	25	477	247	38	0	38	24	8	3	20	14	6	0	26	55	73	3	8	36	3	230												
U. of the Pacific	279	22	8	3	0	3	0	0	0	1	1	0	0	4	0	0	0	0	0	0	14												
Wright Institute all campuses	296	6	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	1												
Colorado	19	713	466	116	20	96	12	36	24	49	23	26	0	40	69	120	14	30	29	14	33	247											
CO School of Mines	152	44	44	0	0	0	0	9	2	3	2	1	0	0	2	28	6	0	1	4	17	0											
CO State U.	70	160	129	55	20	35	2	7	7	13	6	7	0	14	8	23	2	10	7	3	1	31											
CO Technical U. Colorado Springs	305	8	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4												
U. CO Boulder	36	279	207	25	0	25	6	20	11	30	13	17	0	10	41	64	6	20	16	7	15	72											
U. CO Colorado Springs	305	4	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0												
U. CO Denver	270	33	9	0	0	0	0	0	3	0	0	0	0	6	0	0	0	0	0	0	24												
U. CO Health Sciences Ctr.	174	43	34	34	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9												
U. Denver	196	77	25	1	0	1	0	0	0	1	0	1	0	12	10	1	0	0	1	0	52												
U. Northern CO	263	65	10	1	0	1	0	0	1	2	2	0	0	4	2	0	0	0	0	0	55												
Connecticut	22	613	388	135	7	128	11	4	18	55	39	16	0	41	75	49	10	2	16	6	15	225											

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U. CT	47	257	170	56	4	52	6	0	6	19	17	2	0	32	23	28	6	2	7	3	10	87										
U. Hartford	354	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15										
U. New Haven	354	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1										
Wesleyan U.	263	13	10	5	0	5	0	0	0	5	3	2	0	0	0	0	0	0	0	0	0	3										
Yale U.	35	327	208	74	3	71	5	4	12	31	19	12	0	9	52	21	4	0	9	3	5	119										
Delaware	38	199	141	16	8	8	5	9	5	20	15	3	2	3	34	49	17	7	5	2	18	58										
U. DE	59	178	141	16	8	8	5	9	5	20	15	3	2	3	34	49	17	7	5	2	18	37										
Wilmington C. (New Castle, DE)	354	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21										
District of Columbia	26	515	298	51	0	51	10	1	6	21	16	5	0	55	107	47	0	1	11	2	33	217										
American U.	139	59	49	0	0	0	0	0	1	6	5	1	0	8	34	0	0	0	0	0	0	10										
Catholic U. America, The	193	75	26	1	0	1	0	0	0	4	2	2	0	10	7	4	0	0	3	0	1	49										
Gallaudet U.	305	8	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4										
George Washington U.	75	214	117	16	0	16	10	1	4	5	3	2	0	13	28	40	0	1	7	1	31	97										
Georgetown U.	151	71	45	21	0	21	0	0	0	2	2	0	0	1	21	0	0	0	0	0	0	26										
Howard U.	122	88	57	13	0	13	0	0	1	4	4	0	0	19	17	3	0	0	1	1	1	31										
Florida	9	2,378	991	206	47	159	75	30	21	112	66	45	1	219	105	223	13	39	55	23	93	1,387										
Barry U.	283	34	7	0	0	0	1	0	0	0	0	0	0	6	0	0	0	0	0	0	0	27										
FL A&M U.	296	23	5	2	0	2	0	0	0	1	1	0	0	0	0	2	0	0	0	2	0	18										
FL Atlantic U.	215	51	21	4	0	4	1	0	0	3	0	3	0	1	2	10	0	1	5	2	2	30										
FL Institute of Technology	196	29	25	6	1	5	5	1	2	0	0	0	0	2	0	9	0	1	5	0	3	4										
FL International U.	165	78	38	9	0	9	3	1	0	3	3	0	0	4	8	10	0	7	2	1	0	40										
FL State U.	77	268	112	10	0	10	6	12	7	23	10	12	1	23	22	9	0	2	1	3	3	156										
Lynn U.	354	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14										
Nova Southeastern U.	77	645	112	0	0	0	35	0	0	0	0	0	0	67	8	2	0	0	2	0	0	533										
U. Sarasota	128	269	54	0	0	0	7	0	0	0	0	0	0	46	1	0	0	0	0	0	0	215										
U. Central FL	106	137	75	1	0	1	6	0	4	10	0	10	0	9	7	38	0	7	14	6	11	62										
U. FL	10	522	380	129	46	83	7	3	5	57	38	19	0	24	41	114	7	11	18	9	69	142										
U. Miami	109	113	71	29	0	29	0	11	2	5	4	1	0	8	9	7	0	2	3	0	2	42										
U. South FL	97	170	90	16	0	16	4	2	1	10	10	0	0	29	6	22	6	8	5	0	3	80										
U. West FL	342	25	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	24										
Georgia	12	1,076	655	170	37	133	16	14	21	60	50	10	0	69	70	235	16	18	102	32	67	421										
Clark Atlanta U.	319	30	3	1	0	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	27										
Emory U.	95	162	92	40	0	40	0	0	6	13	13	0	0	11	22	0	0	0	0	0	0	70										
GA Institute of Technology main campus	20	311	303	8	0	8	13	9	8	25	19	6	0	7	4	229	16	18	102	32	61	8										
GA Southern U.	354	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23										
GA State U.	139	112	49	15	0	15	1	0	0	5	3	2	0	19	9	0	0	0	0	0	0	63										
Institute of Paper Science and Technology	296	5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5	0										

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										Total	Chemistry	Physics and astronomy	Other																		
Medical C. GA	283	8	7	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1										
Morehouse School of Medicine	319	3	3	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
U. GA	38	404	193	96	37	59	2	5	7	15	13	2	0	32	35	1	0	0	0	0	1	211									
Valdosta State U.	354	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18									
Hawaii	40	128	99	26	3	23	2	7	1	7	2	5	0	13	39	4	0	1	2	0	1	29									
U. HI Manoa	93	128	99	26	3	23	2	7	1	7	2	5	0	13	39	4	0	1	2	0	1	29									
Idaho	45	116	56	22	12	10	4	2	2	6	5	1	0	3	5	12	0	2	2	2	6	60									
Boise State U.	354	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3									
ID State U.	242	33	14	3	0	3	0	0	1	0	0	0	0	3	4	3	0	0	0	0	3	19									
U. ID	157	80	42	19	12	7	4	2	1	6	5	1	0	0	1	9	0	2	2	2	3	38									
Illinois	6	1,970	1,199	280	21	259	40	17	72	151	97	54	0	121	237	281	39	43	66	48	85	771									
Benedictine U.	354	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4									
Chicago Theological Seminary	354	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1									
DePaul U.	270	13	9	0	0	0	2	0	0	0	0	0	0	7	0	0	0	0	0	0	0	4									
Garrett-Evangelical Theological Seminary	354	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2									
IL Institute of Technology	116	65	61	2	0	2	4	0	1	5	3	2	0	20	1	28	14	8	3	1	2	4									
IL State U.	342	43	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	42									
Institute for Clinical Social Work	328	7	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	5									
Loyola U. Chicago	142	138	48	25	0	25	0	0	0	1	1	0	0	13	9	0	0	0	0	0	0	90									
Lutheran School of Theology Chicago	354	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4									
National-Louis U.	354	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18									
Northern IL U.	193	90	26	3	0	3	0	1	0	7	7	0	0	8	7	0	0	0	0	0	0	64									
Northwestern U.	30	308	224	39	0	39	2	2	14	22	21	1	0	11	41	93	10	8	20	15	40	84									
Roosevelt U.	354	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9									
Rosalind Franklin U. of Medicine and Science	251	13	12	4	0	4	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	1									
Rush U.	279	16	8	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8									
Southern IL U. Carbondale	125	124	55	16	1	15	0	0	6	1	0	1	0	12	14	6	0	0	3	0	3	69									
U. Chicago	30	331	224	49	0	49	2	7	26	34	9	25	0	10	96	0	0	0	0	0	0	107									
U. IL Chicago	68	209	132	46	0	46	6	1	8	23	22	1	0	7	16	25	3	2	2	9	9	77									
U. IL Springfield	342	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0									
U. IL Urbana-Champaign	8	574	396	88	20	68	24	6	17	58	34	24	0	22	52	129	12	25	38	23	31	178									
Indiana	15	1,071	630	131	29	102	12	9	25	104	78	26	0	73	112	164	17	27	53	33	34	441									
Ball State U.	226	57	18	1	1	0	0	0	0	0	0	0	0	13	4	0	0	0	0	0	0	39									
IN State U.	251	27	12	2	0	2	0	1	0	0	0	0	0	7	2	0	0	0	0	0	0	15									
IN U. Bloomington	50	391	165	47	2	45	6	3	5	31	19	12	0	15	58	0	0	0	0	0	0	226									
Purdue U. main campus	17	448	333	69	26	43	4	4	12	59	52	7	0	26	26	133	10	27	43	24	29	115									

TABLE 12. Doctorates awarded, by state, institution, and major field: 2004

State and institution	S&E rank	All fields	All S&E	Total	Agricultural and biological sciences		Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Physical sciences				Social sciences	Engineering					Non-S&E		
					Agricultural	Biological				Total	Chemistry	Physics and astronomy	Other		Psychology	Total	Chemical	Civil	Electrical		Mechanical	Other
U. of Notre Dame	91	148	102	12	0	12	2	1	8	14	7	7	0	12	22	31	7	0	10	9	5	46
Iowa	24	555	340	93	20	73	5	5	30	46	33	13	0	31	34	96	8	11	24	16	37	215
Drake U.	354	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
IA State U.	42	228	183	55	20	35	4	2	13	30	19	11	0	11	10	58	3	3	18	10	24	45
Maharishi U. of Management	328	6	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
St. Ambrose U.	354	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
U. IA	54	300	153	36	0	36	1	3	17	16	14	2	0	20	24	36	5	8	5	6	12	147
U. Northern IA	328	10	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	1	8
Kansas	29	432	260	81	31	50	3	3	9	41	33	8	0	53	31	39	7	9	7	6	10	172
KS State U.	83	148	109	51	31	20	3	1	5	14	7	7	0	8	9	18	5	4	3	2	4	39
U. KS Main Campus	71	256	128	29	0	29	0	2	3	27	26	1	0	32	22	13	2	5	2	3	1	128
Wichita State U.	207	28	23	1	0	1	0	0	1	0	0	0	0	13	0	8	0	0	2	1	5	5
Kentucky	33	397	209	73	15	58	5	0	10	24	19	5	0	34	33	30	7	1	5	7	10	188
Asbury Theological Seminary	328	8	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	6
Southern Baptist Theological Seminary	354	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47
Spalding U.	354	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
U. KY	55	234	151	52	15	37	2	0	10	19	14	5	0	20	28	20	3	1	3	7	6	83
U. Louisville	123	99	56	21	0	21	3	0	0	5	5	0	0	14	3	10	4	0	2	0	4	43
Louisiana	25	582	313	107	26	81	13	8	9	44	33	11	0	35	33	64	8	18	7	3	28	269
Grambling State U.	354	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
LA State U. and A&M C.	60	240	138	50	25	25	6	5	4	20	12	8	0	17	14	22	5	9	1	2	5	102
LA State U. Health Sciences Ctr.	238	27	15	15	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
LA State U. Shreveport	255	11	11	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LA Tech U.	222	33	19	0	0	0	0	0	2	1	1	0	0	4	0	12	0	1	1	0	10	14
New Orleans Baptist Theological Seminary	354	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Southern U. and A&M C. Baton Rouge	354	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Tulane U.	107	127	74	25	1	24	1	1	0	10	8	2	0	5	13	19	3	3	1	1	11	53
U. LA Lafayette	232	29	17	6	0	6	4	0	3	0	0	0	0	1	0	3	0	0	3	0	0	12
U. LA Monroe	305	12	4	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	8
U. New Orleans	172	80	35	0	0	0	2	1	0	13	12	1	0	5	6	8	0	5	1	0	2	45
Maine	51	42	30	9	4	5	1	3	0	6	2	4	0	7	0	4	1	0	0	1	2	12
U. ME	183	42	30	9	4	5	1	3	0	6	2	4	0	7	0	4	1	0	0	1	2	12
Maryland	11	1,004	677	208	16	192	29	15	23	84	35	49	0	49	122	147	13	11	51	38	34	327
Johns Hopkins U., The	28	355	236	113	0	113	5	2	8	24	12	12	0	7	40	37	5	4	10	6	12	119
Loyola C.	305	5	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	1
Morgan State U.	296	26	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	1	2	1	1	21

TABLE 12. Doctorates awarded, by state, institution, and major field: 2004

State and institution	Agricultural and biological sciences																						Physical sciences					Engineering					Non-S&E
	S&E rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Physical sciences				Social sciences	Total	Engineering																	
										Total	Chemistry	Physics and astronomy	Other			Psychology	Chemical	Civil	Electrical	Mechanical	Other												
Uniformed Services U. of the Health Sciences	270	12	9	6	0	6	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3											
U. MD Baltimore	167	60	37	33	0	33	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0	23											
U. MD Baltimore County	120	65	59	8	0	8	7	0	3	8	7	1	0	11	10	12	2	0	4	6	0	6											
U. MD College Park	19	481	327	48	16	32	17	13	12	48	12	36	0	24	72	93	6	6	35	25	21	154											
Massachusetts	4	2,116	1,481	379	11	368	58	27	65	228	110	116	2	115	296	313	58	12	82	49	112	635											
American International C.	328	3	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1											
Boston C.	157	123	42	4	0	4	0	0	0	18	13	5	0	7	13	0	0	0	0	0	0	81											
Boston U.	46	270	172	55	1	54	3	2	8	22	5	17	0	18	35	29	0	0	11	4	14	98											
Brandeis U.	136	80	50	18	0	18	3	0	4	5	4	1	0	2	18	0	0	0	0	0	0	30											
Clark U.	215	27	21	4	0	4	0	0	0	3	1	2	0	4	10	0	0	0	0	0	0	6											
Harvard U.	12	579	361	140	0	140	5	6	16	54	23	31	0	28	98	14	0	1	3	0	10	218											
MA C. of Pharmacy and Health Sciences	328	5	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	3											
MA Institute of Technology	4	467	433	49	0	49	26	18	27	75	32	41	2	2	53	183	27	5	41	29	81	34											
New England Conservatory of Music	354	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4											
Northeastern U.	123	63	56	7	0	7	2	0	6	9	5	4	0	3	12	17	2	1	11	1	2	7											
Simmons C.	354	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3											
Smith C.	354	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9											
Springfield C. (Springfield, MA)	354	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5											
Suffolk U.	296	5	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0											
Tufts U.	99	97	88	44	0	44	2	0	2	4	2	2	0	13	17	6	2	1	1	2	0	9											
U. MA Amherst	49	266	166	30	9	21	12	1	2	26	17	9	0	26	33	36	14	3	11	7	1	100											
U. MA Boston	238	27	15	3	1	2	0	0	0	0	0	0	0	5	7	0	0	0	0	0	0	12											
U. MA Dartmouth	328	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0											
U. MA Lowell	196	40	25	1	0	1	4	0	0	9	5	4	0	0	11	6	1	2	1	1	1	15											
U. MA Worcester	201	24	24	24	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
Worcester Polytechnic Institute	232	17	17	0	0	0	1	0	0	1	1	0	0	0	15	7	0	0	5	3	0	0											
Michigan	7	1,494	1,012	248	52	196	23	11	42	123	71	52	0	117	175	273	29	20	73	59	92	482											
Andrews U.	279	33	8	0	0	0	0	0	0	0	0	0	0	6	1	1	0	0	0	0	1	25											
Calvin C.	354	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3											
Central MI U.	263	14	10	0	0	0	0	0	2	0	0	0	0	8	0	0	0	0	0	0	0	4											
Eastern MI U.	354	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12											
MI State U.	21	422	286	93	40	53	6	2	9	33	19	14	0	31	68	44	6	8	11	8	11	136											
MI Technological U.	172	42	35	9	3	6	1	1	2	5	1	4	0	0	17	3	4	1	7	2	7	7											
Oakland U.	226	28	18	4	0	4	1	0	1	1	1	0	0	0	11	0	0	1	0	10	10	10											
U. Detroit Mercy	255	11	11	0	0	0	0	0	0	0	0	0	0	10	0	1	0	0	0	1	0	0											
U. MI Ann Arbor	2	658	474	103	8	95	11	5	19	64	38	26	0	33	69	170	14	7	56	36	57	184											
Wayne State U.	72	196	121	36	0	36	3	0	4	16	12	4	0	21	14	27	6	1	4	6	10	75											

TABLE 12. Doctorates awarded, by state, institution, and major field: 2004

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					Agricultural	Biological				Total	Chemistry	Physics and astronomy	Other		Psychology	Total	Chemical	Civil	Electrical		Mechanical	Other
Western MI U.	139	75	49	3	1	2	1	3	5	4	0	4	0	8	23	2	0	0	0	1	1	26
Minnesota	21	755	419	106	23	83	18	11	10	48	31	17	0	75	69	82	12	7	20	17	26	336
Hamline U.	342	4	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3
Luther Northwestern Theological Seminary	342	8	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	7
Mayo School of Health-Related Sciences	201	24	24	22	0	22	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0
St. Mary's U. MN	354	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
U. MN Twin Cities	15	565	345	83	23	60	18	11	9	48	31	17	0	35	60	81	12	7	20	17	25	220
U. of St. Thomas (St. Paul, MN)	342	27	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	26
Walden U.	146	108	47	1	0	1	0	0	0	0	0	0	0	39	7	0	0	0	0	0	0	61
Mississippi	35	357	165	53	24	29	4	4	3	27	22	5	0	31	23	20	3	3	8	2	4	192
Delta State U.	354	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Jackson State U.	222	41	19	4	4	0	0	0	0	0	0	0	0	9	6	0	0	0	0	0	0	22
MS State U.	149	85	46	24	18	6	2	0	1	1	1	0	0	1	7	10	0	0	5	2	3	39
U. MS main campus	183	72	30	2	0	2	1	1	1	11	8	3	0	5	3	6	0	3	3	0	0	42
U. Southern MS	121	139	58	12	2	10	1	3	1	14	12	2	0	16	7	4	3	0	0	0	1	81
U. MS Medical Ctr.	251	14	12	11	0	11	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
Missouri	20	726	438	139	16	123	12	11	13	62	43	19	0	69	58	74	2	14	12	11	35	288
Concordia Seminary	354	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
St. Louis U. main campus	132	123	52	19	0	19	0	3	0	0	0	0	0	21	8	1	0	1	0	0	0	71
U. MO-Columbia	66	258	135	42	16	26	5	3	7	16	9	7	0	25	23	14	1	2	1	2	8	123
U. MO-Kansas City	183	62	30	6	0	6	4	0	0	4	4	0	0	10	5	1	0	1	0	0	0	32
U. MO-Rolla	116	61	61	0	0	0	0	4	1	16	11	5	0	0	40	0	8	8	7	17	0	
U. MO-St. Louis	207	39	23	8	0	8	0	0	0	5	5	0	0	6	4	0	0	0	0	0	0	16
Washington U. St. Louis	63	182	137	64	0	64	3	1	5	21	14	7	0	7	18	18	1	2	3	2	10	45
Montana	44	79	59	33	13	20	0	2	2	14	9	5	0	6	0	2	0	1	0	0	1	20
MT State U. Bozeman	178	41	32	17	5	12	0	1	1	12	7	5	0	0	0	1	0	1	0	0	0	9
U. MT, The	191	38	27	16	8	8	0	1	1	2	2	0	0	6	0	1	0	0	0	0	1	11
Nebraska	37	287	150	66	26	40	2	3	2	20	10	0	0	20	17	20	2	4	2	4	8	137
Creighton U.	270	9	9	7	0	7	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0
U. NE Lincoln	74	236	118	42	26	16	2	3	2	19	9	10	0	20	11	19	2	4	2	4	7	118
U. NE Omaha	289	15	6	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	9
U. NE Medical Ctr.	232	27	17	17	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Nevada	43	125	76	16	0	16	1	10	0	6	4	2	0	21	9	13	0	4	2	5	2	49
U. NV, Las Vegas	242	48	14	3	0	3	0	2	0	0	0	0	0	2	7	0	1	1	5	0	34	
U. NV, Reno	115	77	62	13	0	13	1	8	0	6	4	2	0	21	7	6	0	3	1	0	2	15
New Hampshire	42	102	91	44	2	42	8	3	4	10	5	5	0	9	2	11	2	1	2	2	4	11

TABLE 12. Doctorates awarded, by state, institution, and major field: 2004

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	S&E rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Total	Chemistry	Physics and astronomy	Other	Psychology	Social sciences	Total	Chemical	Civil	Electrical	Mechanical	Other												
Dartmouth C.	125	56	55	33	0	33	7	0	3	4	2	2	0	4	0	4	1	0	0	0	3	1											
U. NH	170	46	36	11	2	9	1	3	1	6	3	3	0	5	2	7	1	1	2	2	1	10											
New Jersey	14	943	641	143	22	121	39	15	40	98	42	56	0	62	89	155	23	12	63	15	42	302											
Drew U.	342	31	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	30											
Fairleigh Dickinson U. all campuses	215	21	21	0	0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0											
Montclair State U.	354	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4											
NJ Institute of Technology	113	68	68	4	3	1	13	0	4	6	1	5	0	0	0	41	3	3	21	5	9	0											
Princeton Theological Seminary	354	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23											
Princeton U.	34	281	211	29	0	29	13	11	16	36	12	24	0	6	50	50	13	2	26	4	5	70											
Rutgers, The State U. NJ New Brunswick Campus	30	347	224	61	19	42	12	3	19	40	22	18	0	16	21	52	7	6	11	4	24	123											
Rutgers, The State U. NJ Newark Campus	170	56	36	11	0	11	0	0	1	3	2	1	0	3	18	0	0	0	0	0	0	20											
Seton Hall U.	222	50	19	0	0	0	0	0	0	4	4	0	0	15	0	0	0	0	0	0	0	31											
Stevens Institute of Technology	211	23	22	0	0	0	1	1	0	8	0	8	0	0	0	12	0	1	5	2	4	1											
U. of Medicine and Dentistry NJ	161	39	39	38	0	38	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0											
New Mexico	34	288	191	40	7	33	5	4	7	28	11	17	0	28	35	44	11	3	11	6	13	97											
NM Institute of Mining and Technology	263	10	10	1	1	0	0	2	0	2	1	1	0	0	0	5	4	0	0	0	1	0											
NM State U. Main Campus	149	76	46	15	6	9	1	0	2	8	3	5	0	11	0	9	3	0	1	0	5	30											
U. NM all campuses	66	202	135	24	0	24	4	2	5	18	7	11	0	17	35	30	4	3	10	6	7	67											
New York	2	3,533	2,326	605	62	543	85	34	110	283	128	154	1	381	484	344	45	31	113	56	99	1,207											
Adelphi U.	196	27	25	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0	2											
Albany Medical C.	255	11	11	11	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
Alfred U. main campus	296	5	5	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5	0											
Clarkson U.	242	14	14	0	0	0	1	0	0	4	4	0	0	0	9	1	5	0	2	1	0	0											
Columbia U. in the City of NY	26	408	243	60	0	60	9	3	16	38	16	22	0	5	84	28	6	5	10	2	5	165											
Cornell U. Endowed Colleges	13	413	351	109	45	64	8	5	16	50	20	30	0	14	63	86	11	8	32	9	26	62											
Cornell U. Medical Campus	177	33	33	32	0	32	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0											
CUNY Graduate Ctr.	45	298	174	25	0	25	6	3	9	15	10	5	0	55	47	14	2	2	4	3	3	124											
Fordham U.	128	97	54	0	0	0	0	0	0	0	0	0	0	36	18	0	0	0	0	0	0	43											
Hofstra U.	201	37	24	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	13											
Jewish Theological Seminary of America	354	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4											
Juilliard School	354	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9											
Long Island U. Brooklyn Campus	263	10	10	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0											
Mt. Sinai School of Medicine	193	26	26	24	0	24	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0											
New School, The	136	64	50	0	0	0	0	0	0	0	0	0	0	15	35	0	0	0	0	0	0	14											

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	S&E rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Physical sciences				Social sciences	Total	Engineering																	
										Total	Chemistry	Physics and astronomy	Other			Psychology	Chemical	Civil	Electrical	Mechanical	Other												
NY Medical C.	283	7	7	7	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
NY U.	42	372	183	43	2	41	6	0	25	19	12	7	0	36	53	1	0	0	1	0	0	189											
Pace U. New York Campus	354	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4											
Polytechnic U.	215	21	21	0	0	0	3	0	0	3	2	1	0	0	0	15	2	0	10	0	3	0											
Rensselaer Polytechnic Institute	60	156	138	9	0	9	6	3	10	21	10	11	0	9	80	11	2	24	18	25	18												
Rochester Institute of Technology	319	6	3	0	0	0	0	0	0	1	0	1	0	0	2	0	0	0	0	2	3												
Rockefeller U.	250	13	13	12	0	12	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0												
St. John's U. (Jamaica, NY)	201	50	24	6	0	6	0	0	0	0	0	0	0	18	0	0	0	0	0	0	26												
SUNY Albany	75	178	117	17	0	17	10	2	3	10	2	8	0	33	42	0	0	0	0	0	61												
SUNY Binghamton	119	102	60	4	0	4	2	1	4	8	8	0	0	10	23	8	0	0	0	3	42												
SUNY Buffalo	53	258	154	34	0	34	7	1	5	20	13	7	0	15	28	44	10	9	9	7	104												
SUNY C. of Environmental Science and Forestry	207	23	23	17	13	4	0	1	0	3	3	0	0	0	0	2	0	0	0	2	0												
SUNY C. of Optometry	319	4	3	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1												
SUNY Health Science Ctr. Brooklyn	215	21	21	20	0	20	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0												
SUNY Stony Brook main campus	48	214	167	37	0	37	10	12	13	37	5	31	1	16	21	21	0	0	3	8	47												
SUNY Upstate Medical U.	270	9	9	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
Syracuse U. main campus	86	154	105	10	2	8	7	1	4	19	14	5	0	9	39	16	1	0	11	1	49												
Teachers C. Columbia U.	146	193	47	3	0	3	0	0	0	0	0	0	0	29	15	0	0	0	0	0	146												
Union Theological Seminary	354	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11												
U. Rochester	57	209	145	62	0	62	10	2	4	32	8	24	0	15	7	13	1	0	9	1	64												
Yeshiva U.	114	72	66	53	0	53	0	0	0	0	0	0	0	13	0	0	0	0	0	0	6												
North Carolina	10	1,203	795	290	46	244	28	16	45	100	68	32	0	57	103	156	12	17	46	31	408												
Appalachian State U.	354	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8												
Duke U.	39	239	188	75	1	74	7	4	7	22	14	8	0	9	31	33	0	2	11	7	51												
East Carolina U.	296	17	5	4	0	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	12												
Fayetteville State U.	354	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7												
NC Agricultural and Technical State U.	215	21	21	0	0	0	0	0	0	0	0	0	0	0	0	21	0	0	11	8	0												
NC State U.	23	338	272	89	43	46	6	7	27	22	12	10	0	13	24	84	12	14	23	8	66												
Southeastern Baptist Theological Seminary	354	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7												
U. NC Chapel Hill	26	419	243	89	2	87	14	5	11	48	39	9	0	20	48	8	0	1	1	0	176												
U. NC Charlotte	251	25	12	1	0	1	1	0	0	1	0	1	0	1	0	8	0	0	0	8	13												
U. NC Greensboro	237	83	16	3	0	3	0	0	0	0	0	0	0	13	0	0	0	0	0	0	67												
Wake Forest U.	165	39	38	29	0	29	0	0	0	7	3	4	0	0	0	2	0	0	0	0	1												
North Dakota	47	73	42	14	3	11	0	1	3	13	13	0	0	9	0	2	0	0	0	2	31												
ND State U. main campus	196	32	25	9	3	6	0	0	3	10	10	0	0	1	0	2	0	0	0	0	7												
U. ND main campus	232	41	17	5	0	5	0	1	0	3	3	0	0	8	0	0	0	0	0	0	24												

TABLE 12. Doctorates awarded, by state, institution, and major field: 2004

State and institution	Agricultural and biological sciences																					Physical sciences					Engineering					Non-S&E
	S&E rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Total	Chemistry	Physics and astronomy	Other	Psychology	Social sciences	Total	Chemical	Civil	Electrical	Mechanical	Other											
Ohio	8	1,606	992	275	32	243	18	15	29	153	93	60	0	119	119	264	49	15	60	32	108	614										
Air Force Institute of Technology	270	9	9	0	0	0	0	0	0	2	0	2	0	0	0	7	0	0	6	0	1	0										
Antioch U. all campuses	305	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Bowling Green State U. main campus	167	78	37	3	0	3	0	0	1	8	7	1	0	16	9	0	0	0	0	0	0	41										
Case Western Reserve U.	60	188	138	49	0	49	2	2	3	17	12	5	0	11	6	48	9	2	5	4	28	50										
Cleveland Institute of Music	354	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2										
Cleveland State U.	183	39	30	7	0	7	0	0	0	3	3	0	0	0	6	14	2	0	3	0	9	9										
Hebrew Union C.-Jewish Institute of Religion	354	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3										
Kent State U. main campus	131	110	53	9	0	9	3	1	4	13	0	13	0	18	5	0	0	0	0	0	0	57										
Medical C. OH	242	14	14	13	0	13	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0										
Miami U. Oxford	183	43	30	12	0	12	0	1	0	5	5	0	0	6	6	0	0	0	0	0	0	13										
OH State U. main campus	14	560	350	123	26	97	7	7	13	40	24	16	0	19	64	77	7	4	16	12	38	210										
OH U. main campus	142	107	48	11	1	10	0	1	3	10	3	7	0	12	1	10	1	0	5	4	0	59										
U. Akron main campus	105	100	76	0	0	0	0	0	0	21	17	4	0	21	1	33	21	3	1	4	4	24										
U. Cincinnati main campus	63	220	137	27	0	27	3	3	3	21	17	4	0	11	20	49	6	5	17	3	18	83										
U. Dayton	242	25	14	0	0	0	0	0	0	3	0	3	0	0	0	11	0	0	5	4	2	11										
U. Toledo	167	82	37	8	0	8	0	0	2	9	5	4	0	4	1	13	3	1	2	1	6	45										
Wright State U. main campus	238	16	15	9	1	8	3	0	0	0	0	0	0	1	0	2	0	0	0	0	2	1										
Youngstown State U.	354	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6										
Oklahoma	31	367	221	71	31	40	8	7	0	18	13	5	0	38	35	44	12	3	10	9	10	146										
OK State U. main campus	83	203	109	45	30	15	2	0	0	8	6	2	0	15	19	20	5	0	6	3	6	94										
U. OK Norman Campus	92	151	101	26	1	25	4	6	0	10	7	3	0	15	16	24	7	3	4	6	4	50										
U. Tulsa	255	13	11	0	0	0	2	1	0	0	0	0	0	8	0	0	0	0	0	0	0	2										
Oregon	28	407	274	116	37	79	9	13	8	27	15	12	0	29	35	37	3	6	16	0	12	133										
OR Health & Science U.	154	43	43	31	0	31	4	0	0	0	0	0	0	0	8	0	0	7	0	1	0											
OR State U.	68	172	132	69	37	32	3	6	4	9	7	2	0	6	9	26	3	6	8	0	9	40										
Portland State U.	242	28	14	0	0	0	0	1	0	4	3	1	0	2	4	3	0	0	1	0	2	14										
U. OR	102	164	85	16	0	16	2	6	4	14	5	9	0	21	22	0	0	0	0	0	0	79										
Pennsylvania	5	2,154	1,280	292	23	269	75	19	60	160	93	66	1	157	194	323	47	28	68	47	133	874										
Bryn Mawr C.	289	19	6	1	0	1	0	0	0	1	0	1	0	4	0	0	0	0	0	0	0	13										
Carnegie Mellon U.	50	195	165	7	0	7	35	0	16	22	10	12	0	6	8	71	10	1	31	7	22	30										
Drexel U.	101	95	86	13	2	11	3	2	1	9	4	5	0	26	1	31	3	5	6	7	10	9										
Duquesne U.	263	26	10	0	0	0	0	0	0	2	2	0	0	8	0	0	0	0	0	0	0	16										
Gannon U.	305	4	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0										
Indiana U. PA main campus	305	72	4	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	68										
Lehigh U.	142	76	48	2	1	1	5	0	2	6	2	4	0	4	0	29	8	9	1	3	8	28										
Marywood U.	270	11	9	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	2										
PA State U. main campus	9	580	393	99	20	79	8	14	11	53	30	22	1	33	56	119	14	10	21	19	55	187										

TABLE 12. Doctorates awarded, by state, institution, and major field: 2004

State and institution	Agricultural and biological sciences																					Physical sciences					Engineering					Non-S&E
	S&E rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Total	Chemistry	Physics and astronomy	Other	Psychology	Social sciences	Total	Chemical	Civil	Electrical	Mechanical	Other											
Temple U.	81	223	110	28	0	28	1	0	5	10	8	2	0	42	23	1	0	0	0	0	1	113										
Thomas Jefferson U.	211	22	22	20	0	20	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0										
U. PA	29	413	234	69	0	69	14	2	14	33	21	12	0	6	61	35	8	1	3	4	19	179										
U. Pittsburgh main campus	39	347	188	53	0	53	9	1	11	23	15	8	0	15	41	35	4	2	6	7	16	159										
U. of the Sciences Philadelphia	342	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0										
Villanova U.	354	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4										
Westminster Theological Seminary	354	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9										
Widener U. PA Campus	354	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57										
Rhode Island	36	238	160	33	4	29	2	17	17	23	11	11	1	14	30	24	4	0	11	5	4	78										
Brown U.	86	147	105	21	0	21	2	7	14	18	9	9	0	3	28	12	4	0	5	1	2	42										
Salve Regina U.	354	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7										
U. RI	125	84	55	12	4	8	0	10	3	5	2	2	1	11	2	12	0	0	6	4	2	29										
South Carolina	32	393	211	58	9	49	2	5	10	26	22	4	0	20	28	62	14	15	12	11	10	182										
Clemson U.	96	113	91	27	9	18	2	0	5	13	10	3	0	2	11	31	3	9	6	3	10	22										
Medical U. SC	238	16	15	14	0	14	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1										
SC State U.	354	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23										
U. SC Columbia	86	241	105	17	0	17	0	5	5	12	11	1	0	18	17	31	11	6	6	8	0	136										
South Dakota	48	89	39	15	6	9	0	4	0	2	2	0	0	9	7	2	0	1	0	0	1	50										
SD School of Mines and Technology	283	7	7	1	0	1	0	4	0	0	0	0	0	0	0	2	0	1	0	0	1	0										
SD State U.	215	21	21	12	6	6	0	0	0	2	2	0	0	0	7	0	0	0	0	0	0	0										
U. SD	255	61	11	2	0	2	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	50										
Tennessee	23	690	370	120	11	109	7	1	14	43	27	16	0	84	29	72	8	11	16	8	29	320										
East TN State U.	354	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31										
Meharry Medical C.	242	14	14	12	0	12	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0										
Mid-America Baptist Theological Seminary	354	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8										
Middle TN State U.	305	12	4	0	0	0	0	0	0	2	2	0	0	0	2	0	0	0	0	0	0	8										
TN State U.	255	45	11	1	0	1	0	0	0	0	0	0	0	9	1	0	0	0	0	0	0	34										
TN Technological U.	289	9	6	2	2	0	0	0	0	0	0	0	0	0	4	0	0	2	2	0	3											
U. Memphis, The	134	110	51	2	0	2	1	0	4	2	2	0	0	34	1	7	0	1	0	2	4	59										
U. TN	55	244	151	34	9	25	3	1	4	19	12	7	0	37	20	33	6	7	4	1	15	93										
U. TN Health Science Ctr.	211	32	22	16	0	16	0	0	0	3	3	0	0	0	0	3	0	0	0	0	3	10										
Vanderbilt U.	80	185	111	53	0	53	3	0	6	15	6	9	0	4	5	25	2	3	10	3	7	74										
Texas	3	2,617	1,595	451	59	392	47	54	68	185	114	71	0	182	185	423	77	65	120	46	115	1,022										
Baylor C. of Dentistry	305	4	4	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Baylor C. of Medicine	134	51	51	50	0	50	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
Baylor U.	226	57	18	1	0	1	0	0	6	10	9	1	0	0	1	0	0	0	0	0	0	39										
Dallas Theological Seminary	354	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10										

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State and institution	Agricultural and biological sciences																					Physical sciences					Engineering					Non-S&E
	S&E rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Physical sciences				Social sciences	Total	Engineering																
										Total	Chemistry	Physics and astronomy	Other			Psychology	Chemical	Civil	Electrical	Mechanical	Other											
Lamar U.	305	6	4	0	0	0	0	0	0	1	1	0	0	0	0	3	1	1	1	0	0	2										
Rice U.	89	128	104	9	0	9	3	4	11	20	12	8	0	4	18	35	4	1	8	4	18	24										
Sam Houston State U.	319	3	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0										
Southern Methodist U.	201	28	24	0	0	0	0	3	7	0	0	0	0	1	6	7	0	0	1	5	1	4										
Southwestern Baptist Theological Seminary	296	31	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	26										
St. Mary's U. (San Antonio, TX)	283	10	7	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	3										
TX A&M U. Commerce	342	37	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	36										
TX A&M U. Corpus Christi	354	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4										
TX A&M U. Kingsville	328	27	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25										
TX A&M U. main campus	11	492	364	106	39	67	3	12	15	36	28	8	0	31	34	127	31	17	26	16	37	128										
TX Christian U.	255	16	11	1	0	1	0	0	0	4	2	2	0	5	1	0	0	0	0	0	0	5										
TX Southern U.	328	11	2	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	9										
TX State U. San Marcos	328	2	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0										
TX Tech U.	100	173	87	19	12	7	0	2	5	10	8	2	0	18	9	24	8	6	3	1	6	86										
TX Tech U. Health Science Ctr.	319	5	3	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2										
TX Woman's U.	232	63	17	7	0	7	0	0	0	0	0	0	0	9	1	0	0	0	0	0	0	46										
U. Dallas	328	8	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	6										
U. Houston	81	209	110	15	0	15	4	5	4	20	14	6	0	22	18	22	2	4	10	2	4	99										
U. North TX	111	152	69	9	3	6	12	1	4	10	6	4	0	26	3	4	0	0	0	0	4	83										
U. North TX Health Science Ctr.																																
Ft. Worth	226	18	18	18	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
U. TX Arlington	157	58	42	2	0	2	2	0	4	9	6	3	0	5	5	15	0	3	4	1	7	16										
U. TX Austin	7	702	415	47	1	46	16	21	8	57	26	31	0	32	74	160	31	30	50	17	32	287										
U. TX Dallas	154	59	43	4	0	4	5	5	3	3	2	1	0	0	7	16	0	0	15	0	1	16										
U. TX Dental Branch	116	103	61	55	0	55	0	0	0	4	0	4	0	1	1	0	0	0	0	0	0	42										
U. TX El Paso	242	20	14	3	2	1	1	1	0	0	0	0	0	3	0	6	0	3	2	0	1	6										
U. TX Health Science Ctr. San Antonio	180	35	31	30	0	30	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	4										
U. TX Medical Branch	188	35	29	27	0	27	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	6										
U. TX San Antonio	319	5	3	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2										
U. TX Southwestern Medical Ctr.																																
Dallas	142	48	48	35	0	35	0	0	0	0	0	0	0	10	0	3	0	0	0	0	3	0										
U. TX-Pan American	342	7	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6										
Utah	30	343	240	66	4	62	9	11	10	43	33	10	0	30	14	57	12	9	9	9	18	103										
Brigham Young U. main campus	128	65	54	8	0	8	1	0	0	5	4	1	0	18	2	20	8	3	5	4	0	11										
U. UT	58	214	144	45	0	45	8	10	8	30	24	6	0	7	8	28	4	2	3	5	14	70										
UT State U.	157	64	42	13	4	9	0	1	2	8	5	3	0	5	4	9	0	4	1	0	4	22										
Vermont	49	55	34	19	4	15	0	0	0	1	1	0	0	10	0	4	0	1	2	1	0	21										

TABLE 12. Doctorates awarded, by state, institution, and major field: 2004

State and institution	Agricultural and biological sciences																						Physical sciences					Engineering					Non-S&E
	S&E rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Physical sciences				Social sciences	Total	Engineering																	
										Total	Chemistry	Physics and astronomy	Other			Psychology	Chemical	Civil	Electrical	Mechanical	Other												
Middlebury C.	354	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2											
U. VT	174	53	34	19	4	15	0	0	0	1	1	0	0	10	0	4	0	1	2	1	0	19											
Virginia	12	1,040	655	141	30	111	34	21	29	63	38	25	0	86	107	174	13	21	52	30	58	385											
C. of William and Mary	188	53	29	3	0	3	4	8	2	10	1	9	0	0	2	0	0	0	0	0	0	24											
George Mason U.	77	162	112	12	7	5	19	4	2	1	0	1	0	14	51	9	0	0	8	0	1	50											
Hampton U.	354	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2											
Norfolk State U.	354	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2											
Old Dominion U.	146	59	47	9	1	8	2	2	4	6	0	6	0	2	2	20	0	2	4	3	11	12											
Regent U.	354	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10											
Union Theological Seminary & Presbyterian School of Christian Ed.	354	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7											
U. VA main campus	41	358	186	49	2	47	1	2	7	22	17	5	0	25	29	51	6	6	14	3	22	172											
VA Commonwealth U.	111	97	69	33	0	33	0	1	2	7	6	1	0	18	7	1	0	0	0	0	1	28											
VA Polytechnic Institute and State U.	33	290	212	35	20	15	8	4	12	17	14	3	0	27	16	93	7	13	26	24	23	78											
Washington	18	722	477	145	21	124	14	29	14	53	32	20	1	33	83	106	16	9	30	12	39	245											
Gonzaga U.	319	23	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	20											
Seattle Pacific U.	270	18	9	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0	9											
Seattle U.	354	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8											
U. WA	16	506	344	90	6	84	13	27	12	49	30	18	1	14	55	84	12	5	27	9	31	162											
WA State U.	72	167	121	55	15	40	1	2	2	4	2	2	0	10	25	22	4	4	3	3	8	46											
West Virginia	39	173	112	39	11	28	0	1	4	10	6	4	0	29	11	18	3	5	4	3	3	61											
Marshall U.	289	9	6	6	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3											
WV U.	85	164	106	33	11	22	0	1	4	10	6	4	0	29	11	18	3	5	4	3	3	58											
Wisconsin	16	784	514	184	32	152	11	12	15	66	36	30	0	36	75	115	17	16	28	21	33	270											
Cardinal Stritch U.	354	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14											
Marquette U.	222	45	19	3	0	3	0	0	1	3	3	0	0	3	0	9	0	0	1	3	5	26											
Medical C. WI	191	27	27	26	0	26	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0											
U. WI Madison	6	627	429	151	32	119	10	12	14	57	31	26	0	24	63	98	17	14	24	17	26	198											
U. WI Milwaukee	161	71	39	4	0	4	1	0	0	5	2	3	0	9	12	8	0	2	3	1	2	32											
Wyoming	50	42	31	12	4	8	0	4	0	6	6	0	0	5	1	3	1	2	0	0	0	11											
U. WY	180	42	31	12	4	8	0	4	0	6	6	0	0	5	1	3	1	2	0	0	0	11											
Puerto Rico	46	71	48	9	0	9	0	2	0	12	9	3	0	21	0	4	1	2	1	0	0	23											
International American U. PR																																	
Metropolitan Campus	354	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1											
Ponce School of Medicine	305	4	4	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0											
Pontifical Catholic U. PR, The	328	2	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0											
U. PR Mayaguez Campus	289	6	6	0	0	0	0	2	0	0	0	0	0	0	4	1	2	1	0	0	0	0											

TABLE 12. Doctorates awarded, by state, institution, and major field: 2004

State and institution	S&E			Agricultural and biological sciences						Physical sciences					Engineering					Non-S&E		
	rank	All fields	All S&E	Total	Agricultural	Biological	Computer sciences	Earth, atmospheric, and ocean sciences	Mathematics	Total	Chemistry	Physics and astronomy	Other	Psychology	Social sciences	Total	Chemical	Civil	Electrical		Mechanical	Other
U. PR Medical Sciences Campus	328	2	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U. PR Rio Piedras Campus	174	56	34	3	0	3	0	0	0	12	9	3	0	19	0	0	0	0	0	0	0	22

na = not applicable.

S&E = science and engineering.

NOTES: Categories are grouped differently from questionnaire and summary reports in that linguistics, history of science, American studies, and archaeology are included in social science and not in humanities, and public administration is included in social science and not in professional fields. Non-S&E include those whose field of specialization is unknown.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates, 2004.