

INTRODUCTION

These tables are based on data collected in the Survey of Earned Doctorates (SED) for the 2007 academic year. The SED is conducted for the National Science Foundation (NSF), the National Institutes of Health (NIH), the U.S. Department of Education (USED), the National Endowment for the Humanities (NEH), the U.S. Department of Agriculture (USDA), and the National Aeronautics and Space Administration (NASA), by the National Opinion Research Center (NORC) under NSF Contract No. SRS-9712655.

The eleven tables in this document are a sub-set of the main data tables included in the annual *Doctorate Recipients from United States Universities Summary Report*. The annual *Summary Report* is currently being evaluated and redesigned and is expected to be published in its entirety in spring 2009.

NSF publications from the SED and the Doctorate Records File are available free upon request. Standardized trend tables on citizenship, race/ethnicity, and sex of doctorate recipients by fine field of doctorate and baccalaureate-origins of doctorate recipients by broad field of doctorate, demographic characteristics, and Carnegie classification are available with the 2006 data on the NSF website <http://www.nsf.gov/statistics/srvydoctorates/2006/sed06data.htm>. Customized tables and Institution Datasets can also be prepared at cost. For more information, please contact:

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V. Welch, Jr., 2008. *Doctorate Recipients from United States Universities: Selected Tables 2007*. Chicago: National Opinion Research Center. (The report gives the results of data collected in the Survey of Earned Doctorates, conducted for six federal agencies, NSF, NIH, USED, NEH, USDA, and NASA by NORC.)

These tables are also available on the NORC Web site: <http://www.norc.org/SED.htm>. Reports on science and engineering doctorates can be found on the National Science Foundation's Web site: <http://www.nsf.gov/statistics/doctorates>.

Academic officers at the nation's doctorate-granting universities distribute, collect, and forward SED questionnaires to NORC. The project gratefully acknowledges the support and assistance of graduate deans and their staff, registrars, dissertation officers, and other administrators who participate in the SED effort and contribute to its success. The sponsoring federal agencies and NORC also extend their heartfelt thanks to those among the 48,079 new research doctorate recipients who took the time to complete and return their copy of the 2007 survey.

The conduct of the SED, the maintenance of the resulting data file, and the publication of these tables are funded jointly by the National Science Foundation (NSF), the National Institutes of Health (NIH), the U.S. Department of Education (USED), the National Endowment for the Humanities (NEH), the U.S. Department of Agriculture (USDA), and the National Aeronautics and Space Administration (NASA). Mark Fiegenger of NSF is the lead project officer for the six participating agencies. The survey's relevance to national policy issues continues to grow, thanks to the involvement and constructive reviews of the design and analysis of the survey by representatives from the six agencies: Jennifer Sutton (NIH), Nancy Borkow (USED), Frank Shaw (NEH), Ella Smith (USDA), and Malcom Phelps (NASA)

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TABLE 1. Top 20 doctorate-granting institutions, by broad field of study, 2007

Institution	Number of doctorate recipients	Institution	Number of doctorate recipients
All Fields	48,079	Life sciences	10,630
U. CA, Berkeley	896	Harvard U.	218
U. MI	783	U. WI-Madison	211
U. MN	778	Johns Hopkins U.	205
U. TX-Austin	778	U. FL	204
U. WI-Madison	773	U. MN	201
U. CA, Los Angeles	719	U. CA, Davis	190
U. IL-Urbana-Champaign	693	U. CA, Berkeley	186
Harvard U.	690	U. WA	183
PA State U., The	685	OH State U., The	170
Stanford U.	684	U. CA, Los Angeles	168
OH State U., The	664	U. NC Chapel Hill	163
U. FL	647	Cornell U.	143
U. MD	645	U. MI	141
Purdue U.	609	PA State U., The	138
MA Institute of Technology	601	Boston U.	124
U. WA	592	TX A&M U.	122
U. Southern CA	584	U. AZ	117
TX A&M U.	580	Purdue U.	116
Cornell U.	485	U. GA	115
U. PA	484	U. PA	115
Physical sciences	8,037	Social sciences	7,191
U. CA, Berkeley	207	U. CA, Berkeley	138
Stanford U.	175	Harvard U.	129
MA Institute of Technology	168	U. MD	114
U. WI-Madison	159	U. CA, Los Angeles	113
U. IL-Urbana-Champaign	152	Graduate School & U. Ctr., CUNY	112
U. TX-Austin	138	U. MI	112
Harvard U.	128	U. TX-Austin	103
U. MN	128	OH State U., The	96
U. MI	127	U. Chicago, The	92
Cornell U.	124	Stanford U.	88
U. MD	122	U. WI-Madison	84
Purdue U.	121	PA State U., The	83
U. CA, Los Angeles	114	U. MN	82
U. WA	113	U. AZ	80
PA State U., The	110	U. IL-Urbana-Champaign	78
SUNY Stony Brook U.	109	U. WA	71
U. CA, Davis	103	TX A&M U.	70
U. CA, San Diego	103	U. NC Chapel Hill	70
GA Institute of Technology	101	U. Southern CA	69
NC State U.	99	Cornell U.	68
OH State U., The	99	U. CA, San Diego	68
		U. FL	68
		U. GA	68

TABLE 1. Top 20 doctorate-granting institutions, by broad field of study, 2007

Institution	Number of doctorate recipients	Institution	Number of doctorate recipients
Engineering	7,745	Education	6,429
GA Institute of Technology	326	U. Southern CA	147
MA Institute of Technology	272	Teachers C., Columbia U.	133
U. MI	228	U. TX-Austin	109
Stanford U.	225	U. MN	98
Purdue U.	208	OH State U., The	97
U. IL-Urbana-Champaign	188	PA State U., The	93
U. TX-Austin	186	TX A&M U.	81
U. CA, Berkeley	185	AZ State U.	75
U. FL	180	IN U.	75
TX A&M U.	157	St. Louis U.	75
PA State U., The	152	U. GA	74
U. MD	142	U. WI-Madison	74
NC State U.	133	MI State U.	73
U. CA, Los Angeles	127	U. MO-Columbia	73
VA Polytechnic Institute and State U.	126	VA Polytechnic Institute and State U.	72
U. MN	120	National-Louis U.	71
U. WI-Madison	109	U. VA	69
U. Southern CA	107	Loyola U. Chicago	66
U. CA, San Diego	103	U. NE-Lincoln	66
U. WA	102	U. PA	66
Humanities	5,109	Other fields	2,938
Harvard U.	125	PA State U., The	58
U. CA, Berkeley	113	NY U.	55
U. CA, Los Angeles	111	U. GA	54
U. TX-Austin	111	U. TX-Austin	53
U. MN	107	U. PA	50
Columbia U.	106	Walden U.	49
U. MI	106	U. IL-Urbana-Champaign	48
U. Chicago, The	98	FL State U.	47
U. WI-Madison	98	George Washington U.	47
Yale U.	96	Columbia U.	44
NY U.	89	IN U.	43
IN U.	88	U. WA	43
Graduate School & U. Ctr., CUNY	87	MI State U.	42
U. MD	87	U. MN	42
Princeton U.	82	TX A&M U.	41
Boston U.	72	Harvard U.	38
FL State U.	72	Nova Southeastern U.	38
Rutgers U.	69	U. WI-Madison	38
OH State U., The	68	AZ State U.	37
U. NC Chapel Hill	67	OH State U., The	36
		U. CA, Berkeley	36
		U. MD	36

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

^b Includes mathematics and computer & information sciences.

^c Includes psychology.

NOTE: Two or more institutions with the same number of doctorate recipients are listed in alphabetical order.

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 2. Major field of study of doctorate recipients for selected years, 1977–2007

Field of study	1977		1982		1987		1992		1997		2002		2007	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
All fields	31,716	100.0	31,108	100.0	32,365	100.0	38,886	100.0	42,539	100.0	40,024	100.0	48,079	100.0
Life sciences	4,977	15.7	5,762	18.5	5,783	17.9	7,172	18.4	8,421	19.8	8,478	21.2	10,630	22.1
Agricultural sciences/natural resources	982	3.1	1,183	3.8	1,144	3.5	1,261	3.2	1,212	2.8	1,129	2.8	1,323	2.8
Biological/biomedical sciences	3,484	11.0	3,893	12.5	3,839	11.9	4,799	12.3	5,788	13.6	5,694	14.2	7,173	14.9
Health sciences	511	1.6	686	2.2	800	2.5	1,112	2.9	1,421	3.3	1,655	4.1	2,134	4.4
Physical sciences	4,325	13.6	4,238	13.6	5,000	15.4	6,444	16.6	6,581	15.5	5,604	14.0	8,037	16.7
Chemistry	1,571	5.0	1,680	5.4	1,975	6.1	2,213	5.7	2,148	5.0	1,923	4.8	2,328	4.8
Computer & information sciences ^a	.	.	220	0.7	450	1.4	869	2.2	909	2.1	809	2.0	1,662	3.5
Earth, atmospheric, & marine sciences	640	2.0	604	1.9	599	1.9	767	2.0	803	1.9	689	1.7	876	1.8
Mathematics	964	3.0	720	2.3	739	2.3	1,058	2.7	1,123	2.6	919	2.3	1,393	2.9
Physics & astronomy	1,150	3.6	1,014	3.3	1,237	3.8	1,537	4.0	1,598	3.8	1,264	3.2	1,778	3.7
Social sciences	6,260	19.7	6,026	19.4	5,988	18.5	6,481	16.7	7,285	17.1	6,826	17.1	7,191	15.0
Anthropology	385	1.2	333	1.1	352	1.1	320	0.8	434	1.0	496	1.2	509	1.1
Economics	837	2.6	761	2.4	821	2.5	910	2.3	1,030	2.4	908	2.3	993	2.1
Political science/international relations	900	2.8	727	2.3	685	2.1	855	2.2	997	2.3	882	2.2	933	1.9
Psychology	2,990	9.4	3,158	10.2	3,172	9.8	3,262	8.4	3,557	8.4	3,206	8.0	3,294	6.9
Sociology	725	2.3	568	1.8	423	1.3	495	1.3	577	1.4	547	1.4	576	1.2
Other social sciences	423	1.3	479	1.5	535	1.7	639	1.6	690	1.6	787	2.0	886	1.8
Engineering	2,643	8.3	2,646	8.5	3,712	11.5	5,438	14.0	6,115	14.4	5,081	12.7	7,745	16.1
Aerospace/aeronautical engineering	115	0.4	86	0.3	142	0.4	234	0.6	274	0.6	209	0.5	267	0.6
Chemical & related engineering	324	1.0	333	1.1	584	1.8	725	1.9	767	1.8	705	1.8	921	1.9
Civil & related engineering	336	1.1	368	1.2	477	1.5	594	1.5	655	1.5	630	1.6	865	1.8
Electrical & related engineering	667	2.1	616	2.0	779	2.4	1,483	3.8	1,720	4.0	1,393	3.5	2,408	5.0
Industrial engineering	73	0.2	79	0.3	120	0.4	196	0.5	246	0.6	230	0.6	280	0.6
Materials/metallurgical engineering	248	0.8	255	0.8	392	1.2	485	1.2	582	1.4	396	1.0	679	1.4
Mechanical & related engineering	372	1.2	437	1.4	657	2.0	987	2.5	1,022	2.4	827	2.1	1,129	2.3
Other engineering	508	1.6	472	1.5	561	1.7	734	1.9	849	2.0	691	1.7	1,196	2.5
Education	7,455	23.5	7,251	23.3	6,453	19.9	6,677	17.2	6,577	15.5	6,503	16.2	6,429	13.4
Education administration	2,275	7.2	2,285	7.3	2,448	7.6	2,884	7.4	2,970	7.0	3,337	8.3	2,977	6.2
Education research	2,629	8.3	2,378	7.6	1,840	5.7	1,603	4.1	1,775	4.2	1,785	4.5	1,830	3.8
Teacher education	502	1.6	588	1.9	447	1.4	407	1.0	291	0.7	262	0.7	298	0.6
Teaching fields	1,439	4.5	1,333	4.3	1,065	3.3	1,008	2.6	919	2.2	686	1.7	881	1.8
Other education	610	1.9	667	2.1	653	2.0	775	2.0	622	1.5	433	1.1	443	0.9
Humanities	4,372	13.8	3,370	10.8	3,299	10.2	4,176	10.7	5,190	12.2	5,221	13.0	5,109	10.6
American literature	220	0.7	154	0.5	190	0.6	291	0.7	408	1.0	369	0.9	334	0.7
English language & literature	856	2.7	616	2.0	478	1.5	612	1.6	686	1.6	606	1.5	571	1.2
Foreign language & literature	728	2.3	490	1.6	444	1.4	562	1.4	652	1.5	627	1.6	604	1.3
History	961	3.0	692	2.2	585	1.8	724	1.9	965	2.3	1,031	2.6	941	2.0
Other humanities	1,607	5.1	1,418	4.6	1,602	4.9	1,987	5.1	2,479	5.8	2,588	6.5	2,659	5.5

TABLE 2. Major field of study of doctorate recipients for selected years, 1977–2007

Field of study	1977		1982		1987		1992		1997		2002		2007	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Other fields	1,684	5.3	1,815	5.8	2,130	6.6	2,498	6.4	2,370	5.6	2,311	5.8	2,938	6.1
Business & management	671	2.1	685	2.2	981	3.0	1,248	3.2	1,245	2.9	1,113	2.8	1,505	3.1
Communications	302	1.0	265	0.9	309	1.0	330	0.8	331	0.8	397	1.0	557	1.2
Fields not elsewhere classified	711	2.2	865	2.8	840	2.6	920	2.4	794	1.9	801	2.0	876	1.8

na = Not applicable (i.e., the field was not on the questionnaire's Specialties list for that year).

^a Computer & information sciences first appeared on the survey form in 1978.

NOTE: Major field of study definitions are detailed in Appendix E.

SOURCE: NSF/NIHUSED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 3. Number and percent of doctorate recipients, by sex within broad field of study for selected years, 1997–2007

Field of study and sex	1977		1982		1987		1992		1997		2002		2007	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All fields ^a	31,716	100.0	31,108	100.0	32,365	100.0	38,670	100.0	42,187	100.0	39,943	100.0	48,025	100.0
Male	23,858	75.2	21,015	67.6	20,934	64.7	24,234	62.7	24,944	59.1	21,807	54.6	26,166	54.5
Female	7,858	24.8	10,093	32.4	11,431	35.3	14,436	37.3	17,243	40.9	18,136	45.4	21,859	45.5
Life sciences ^b	4,977	100.0	5,762	100.0	5,783	100.0	7,141	100.0	8,367	100.0	8,466	100.0	10,617	100.0
Male	3,941	79.2	4,115	71.4	3,747	64.8	4,322	60.5	4,614	55.1	4,443	52.5	5,163	48.6
Female	1,036	20.8	1,647	28.6	2,036	35.2	2,819	39.5	3,753	44.9	4,023	47.5	5,454	51.4
Physical sciences ^c	4,325	100.0	4,238	100.0	5,000	100.0	6,399	100.0	6,528	100.0	5,595	100.0	8,028	100.0
Male	3,902	90.2	3,673	86.7	4,176	83.5	5,133	80.2	5,082	77.8	4,103	73.3	5,775	71.9
Female	423	9.8	565	13.3	824	16.5	1,266	19.8	1,446	22.2	1,492	26.7	2,253	28.1
Social sciences ^d	6,260	100.0	6,026	100.0	5,988	100.0	6,450	100.0	7,215	100.0	6,813	100.0	7,186	100.0
Male	4,463	71.3	3,778	62.7	3,388	56.6	3,353	52.0	3,404	47.2	3,041	44.6	2,971	41.3
Female	1,797	28.7	2,248	37.3	2,600	43.4	3,097	48.0	3,811	52.8	3,772	55.4	4,215	58.7
Engineering	2,643	100.0	2,646	100.0	3,712	100.0	5,368	100.0	6,067	100.0	5,069	100.0	7,734	100.0
Male	2,569	97.2	2,522	95.3	3,470	93.5	4,861	90.6	5,317	87.6	4,175	82.4	6,133	79.3
Female	74	2.8	124	4.7	242	6.5	507	9.4	750	12.4	894	17.6	1,601	20.7
Education	7,455	100.0	7,251	100.0	6,453	100.0	6,664	100.0	6,517	100.0	6,490	100.0	6,428	100.0
Male	4,870	65.3	3,712	51.2	2,896	44.9	2,688	40.3	2,394	36.7	2,196	33.8	2,097	32.6
Female	2,585	34.7	3,539	48.8	3,557	55.1	3,976	59.7	4,123	63.3	4,294	66.2	4,331	67.4
Humanities	4,372	100.0	3,370	100.0	3,299	100.0	4,165	100.0	5,154	100.0	5,211	100.0	5,103	100.0
Male	2,786	63.7	1,950	57.9	1,835	55.6	2,236	53.7	2,693	52.3	2,599	49.9	2,585	50.7
Female	1,586	36.3	1,420	42.1	1,464	44.4	1,929	46.3	2,461	47.7	2,612	50.1	2,518	49.3
Other fields	1,684	100.0	1,815	100.0	2,130	100.0	2,483	100.0	2,339	100.0	2,299	100.0	2,929	100.0
Male	1,327	78.8	1,265	69.7	1,422	66.8	1,641	66.1	1,440	61.6	1,250	54.4	1,442	49.2
Female	357	21.2	550	30.3	708	33.2	842	33.9	899	38.4	1,049	45.6	1,487	50.8

^a Group totals exclude individuals for whom sex was not reported; 216 in 1992, 352 in 1997, 81 in 2002, and 54 in 2007.

^b Includes agricultural sciences/natural resources, biological/biomedical sciences and health sciences.

^c Includes mathematics and computer & information sciences.

^d Includes psychology.

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 4. Doctorate-granting institutions having the largest number of U.S. citizen minority doctorate recipients, by race/ethnicity, 2003-2007

Institution	Number of doctorate recipients	Institution	Number of doctorate recipients
American Indian ^a		Asian ^b	
OK State U.	29	U. CA, Berkeley	398
U. ND	20	U. CA, Los Angeles	370
AZ State U.	18	Stanford U.	276
U. OK	18	Harvard U.	241
U. AZ	14	MA Institute of Technology	182
Fielding Graduate Institute	12	U. Southern CA	175
U. MI	12	U. MI	167
U. CA, Berkeley	11	U. CA, Davis	144
U. MN	11	Columbia U.	139
U. NM	11	U. CA, San Diego	134
U. KS	10	U. PA	133
U. WI-Madison	10	U. WA	124
TX A&M U.	9	Johns Hopkins U.	120
U. MO-Kansas City	9	U. CA, Irvine	117
U. NC Chapel Hill	9	U. IL-Urbana-Champaign	117
U. TX-Austin	9	Northwestern U.	97
SUNY U. Buffalo	8	NY U.	94
Stanford U.	8	Yale U.	94
U. MT	8	U. CA, San Francisco	88
U. Southern CA	8	U. WI-Madison	85
<i>Top 20 Institutions</i>	<i>244</i>	<i>Top 20 Institutions</i>	<i>3,295</i>
<i>Total institutions reported (187)</i>	<i>658</i>	<i>Total institutions reported (341)</i>	<i>7,444</i>
Black		Hispanic	
Howard U.	296	U. PR-Rio Piedras	223
Nova Southeastern U.	264	U. CA, Berkeley	168
U. MI	155	U. CA, Los Angeles	154
Walden U.	145	U. TX-Austin	150
U. MD	123	U. Southern CA	148
Clark Atlanta U.	111	U. AZ	121
Teachers C., Columbia U.	110	U. MI	121
U. NC Chapel Hill	108	U. FL	108
George Washington U.	104	Stanford U.	107
Harvard U.	104	Harvard U.	103
Loyola U. Chicago	104	TX A&M U.	99
Morgan State U.	104	AZ State U.	95
Temple U.	100	U. NM	86
U. Southern CA	100	U. CA, San Diego	85
Wayne State U.	100	U. WI-Madison	85
U. PA	98	U. CA, Davis	83
FL State U.	96	U. CA, Santa Barbara	82
OH State U., The	93	Graduate School & U. Ctr., CUNY	81
Jackson State U.	92	FL International U.	80
U. SC	92	U. Houston	77
<i>Top 20 Institutions</i>	<i>2,499</i>	<i>Top 20 Institutions</i>	<i>2,256</i>
<i>Total institutions reported (362)</i>	<i>8,760</i>	<i>Total institutions reported (334)</i>	<i>6,616</i>

^a Includes Alaska Natives.

^b Does not include Native Hawaiians or other Pacific Islanders.

NOTE: Two or more institutions with the same number of doctorate recipients are listed in alphabetical order.

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 5. Citizenship status of doctorate recipients, by broad field of study for selected years, 1977-2007

Field/citizenship	1977	1982	1987	1992	1997	2002	2007
All fields							
All doctorates	31,716	31,108	32,365	38,886	42,539	40,024	48,079
U.S. citizen	26,194	24,457	22,997	26,023	28,154	26,050	27,568
Non-U.S., permanent resident	1,365	1,226	1,571	1,974	2,932	1,662	1,832
Non-U.S., temporary visa holder	3,489	4,254	5,660	9,980	9,192	9,743	15,115
Unknown	668	1,171	2,137	909	2,261	2,569	3,564
Life sciences^a							
All doctorates	4,977	5,762	5,783	7,172	8,421	8,478	10,630
U.S. citizen	3,952	4,667	4,265	4,750	5,226	5,422	6,523
Non-U.S., permanent resident	244	183	260	354	758	421	420
Non-U.S., temporary visa holder	679	763	939	1,956	2,058	2,120	3,028
Unknown	102	149	319	112	379	515	659
Physical sciences^b							
All doctorates	4,325	4,238	5,000	6,444	6,581	5,604	8,037
U.S. citizen	3,307	3,079	3,072	3,500	3,562	2,930	3,488
Non-U.S., permanent resident	265	201	253	351	620	292	338
Non-U.S., temporary visa holder	680	839	1,374	2,448	2,067	2,119	3,662
Unknown	73	119	301	145	332	263	549
Social sciences^c							
All doctorates	6,260	6,026	5,988	6,481	7,285	6,826	7,191
U.S. citizen	5,325	4,937	4,513	4,813	5,342	5,015	4,912
Non-U.S., permanent resident	200	207	255	301	370	249	243
Non-U.S., temporary visa holder	585	590	724	1,150	1,078	1,106	1,472
Unknown	150	292	496	217	495	456	564
Engineering							
All doctorates	2,643	2,646	3,712	5,438	6,115	5,081	7,745
U.S. citizen	1,477	1,173	1,559	2,111	2,740	1,895	2,242
Non-U.S., permanent resident	326	296	355	410	593	273	290
Non-U.S., temporary visa holder	780	1,044	1,539	2,749	2,555	2,649	4,579
Unknown	60	133	259	168	227	264	634
Education							
All doctorates	7,455	7,251	6,453	6,677	6,577	6,503	6,429
U.S. citizen	6,815	6,295	5,496	5,854	5,583	5,302	5,199
Non-U.S., permanent resident	108	145	169	164	165	113	136
Non-U.S., temporary visa holder	388	576	430	559	411	479	602
Unknown	144	235	358	100	418	609	492
Humanities							
All doctorates	4,372	3,370	3,299	4,176	5,190	5,221	5,109
U.S. citizen	3,932	2,912	2,629	3,333	4,083	4,069	3,674
Non-U.S., permanent resident	147	127	165	232	296	209	243
Non-U.S., temporary visa holder	183	182	259	511	537	669	795
Unknown	110	149	246	100	274	274	397
Other fields							
All doctorates	1,684	1,815	2,130	2,498	2,370	2,311	2,938
U.S. citizen	1,386	1,394	1,463	1,662	1,618	1,417	1,530
Non-U.S., permanent resident	75	67	114	162	130	105	162
Non-U.S., temporary visa holder	194	260	395	607	486	601	977
Unknown	29	94	158	67	136	188	269

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

^b Includes mathematics and computer & information sciences.

^c Includes psychology.

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 6. Top 30 countries/economies of origin of non-U.S. citizens earning doctorates at U.S. colleges and universities (ranked by number of doctorate recipients), 2007

Rank	Country/ economy	Number of doctorate recipients
1	China, Peoples Republic Of ^a	5,002
2	India	2,228
3	Korea	1,529
4	China, Rep Of (Taiwan)	755
5	Canada	629
6	Turkey	559
7	Japan	330
8	Thailand	275
9	Russia	269
10	Germany	237
11	Mexico	229
12	Romania	209
13	Brazil	180
14	Great Britain, UK	174
15	France	173
16	Iran	163
17	Italy	147
18	Argentina	141
19	Jordan	132
20	Egypt	127
20	Israel	127
22	Greece	125
23	Colombia	123
24	Spain	121
25	Kenya	95
26	Ukraine	92
27	Australia	87
28	Sri Lanka	86
29	Malaysia	84
30	Bangladesh	80
30	Philippines	80
	<i>Top 30 countries/economies of origin</i>	<i>14,588</i>
	<i>Total non-U.S. citizens (161 countries) ^b</i>	<i>16,812</i>

^a Includes Hong Kong.

^b Excludes cases with unknown country/economy of origin.

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 7. Doctorate-granting institutions having the largest number of non-U.S. citizen doctorate recipients (ordered by number of doctorate recipients), 2007

Institution	Number of doctorate recipients
U. IL-Urbana-Champaign	364
PA State U., The	332
TX A&M U.	321
U. MN	318
U. MI	309
U. Southern CA	295
Purdue U.	290
U. FL	287
U. WI-Madison	286
GA Institute of Technology	282
Stanford U.	280
U. CA, Berkeley	262
U. CA, Los Angeles	262
OH State U., The	240
Cornell U.	238
MA Institute of Technology	218
U. MD	218
U. TX-Austin	215
NC State U.	214
Columbia U.	207
<i>Top 20 institutions</i>	<i>5,438</i>
<i>Total institutions reported (413)</i>	<i>16,947</i>

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 8. Percentage of doctorate recipients who earned a master's degree, by whether related to field of doctorate, broad field of doctoral study, sex, and citizenship status, 2007

Demographic characteristic	Physical sciences ^b															
	All doctorates		Life sciences ^a		Physical sciences ^b		Social sciences ^c		Engineering		Education		Humanities		Other fields	
	Master's	Related Master's	Master's	Related Master's	Master's	Related Master's	Master's	Related Master's	Master's	Related Master's	Master's	Related Master's	Master's	Related Master's	Master's	Related Master's
All fields	73.6	53.3	52.8	38.3	65.5	54.3	81.9	66.7	78.1	61.1	89.3	35.7	85.5	69.6	83.8	62.2
Sex																
Male	72.5	54.2	50.2	35.4	66.8	55.2	80.9	65.8	79.0	62.1	89.7	36.3	85.0	68.3	81.9	61.2
Female	75.1	52.4	55.4	41.2	62.2	52.3	82.5	67.5	75.0	57.5	89.1	35.4	86.2	71.2	86.1	63.5
Citizenship status																
U.S. citizen	75.6	53.4	48.0	35.9	59.3	50.0	86.5	71.7	75.1	60.7	95.6	37.3	91.2	75.5	91.0	68.4
Non-U.S., permanent resident	83.1	61.0	63.6	44.3	78.4	65.1	92.2	67.9	86.9	66.9	94.9	37.5	97.1	79.4	92.6	66.7
Non-U.S., temporary visa holder	81.9	63.3	69.6	50.0	77.6	64.6	89.5	73.2	87.2	68.4	93.0	47.8	88.6	70.6	88.5	63.9

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

^b Includes mathematics and computer & information sciences.

^c Includes psychology.

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 9. Percentage of doctorate recipients who attended community college, broad field of study, sex, and citizenship status, 2007

Demographic characteristic	All doctorates	Life sciences ^a	Physical sciences ^b	Social sciences ^c	Engineering	Education	Humanities	Other fields
All doctorate recipients	13.8	15.0	9.4	16.2	6.4	23.8	13.3	14.2
Sex								
Male	12.3	15.0	9.3	15.7	6.4	23.7	14.5	11.8
Female	15.6	15.0	9.6	16.6	6.7	23.8	12.1	16.5
Citizenship status								
U.S. citizen	21.0	21.7	18.3	21.1	16.9	26.5	16.1	22.9
Non-U.S., permanent resident	6.8	6.3	7.6	8.6	3.6	10.7	5.5	8.4
Non-U.S., temporary visa	1.9	2.0	1.2	2.1	1.5	5.4	3.6	2.4

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

^b Includes mathematics and computer & information sciences.

^c Includes psychology.

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 10. Median number of years to doctorate award, by broad field of study, for selected years, 1982–2007

Field of study and time to degree	1982	1987	1992	1997	2002	2007
All fields						
Since baccalaureate	9.7	10.5	10.6	10.6	10.2	9.4
Since starting graduate school	8.0	8.7	8.7	8.7	8.6	7.8
Life sciences ^a						
Since baccalaureate	7.7	8.9	9.5	9.3	9.0	8.6
Since starting graduate school	6.7	7.2	7.9	7.7	7.4	7.1
Physical sciences ^b						
Since baccalaureate	7.0	7.5	8.1	8.1	7.8	7.8
Since starting graduate school	6.2	6.3	6.9	6.9	6.7	6.8
Social sciences ^c						
Since baccalaureate	9.3	10.5	10.8	10.1	10.0	9.6
Since starting graduate school	7.7	8.7	8.7	8.2	8.2	7.9
Engineering						
Since baccalaureate	8.0	8.2	8.9	8.8	8.6	7.9
Since starting graduate school	6.7	6.7	7.1	7.2	7.2	6.9
Education						
Since baccalaureate	13.7	16.2	19.0	20.0	19.0	16.5
Since starting graduate school	11.2	13.5	15.6	15.7	14.2	12.0
Humanities						
Since baccalaureate	11.3	12.1	12.0	11.7	11.6	11.3
Since starting graduate school	9.9	10.7	10.2	9.7	9.7	9.3
Other fields						
Since baccalaureate	11.7	12.7	13.6	13.7	13.4	12.2
Since starting graduate school	9.7	10.2	10.9	10.7	10.7	9.3

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

^b Includes mathematics and computer & information sciences.

^c Includes psychology.

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.

TABLE 11. Median number of years from baccalaureate to doctorate award, by sex, citizenship status, and broad field of study, 2007

Time to degree and demographic characteristics	All fields		Life sciences ^a		Physical sciences ^b		Social sciences ^c		Engineering		Education		Humanities		Other fields	
	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number	Median	Number
Elapsed time from baccalaureate (years)																
All doctorate recipients ^d																
	9.4	43,509	8.6	9,714	7.8	7,257	9.6	6,485	7.9	6,995	16.5	5,803	11.3	4,643	12.2	2,612
Sex																
Male	9.1	23,626	8.5	4,685	7.8	5,186	9.9	2,684	8.0	5,528	16.4	1,892	11.3	2,375	12.3	1,276
Female	10.0	19,873	8.7	5,028	7.6	2,066	9.5	3,800	7.7	1,464	16.6	3,911	11.3	2,268	12.1	1,336
Citizenship																
U.S. citizen	10.0	26,849	8.2	6,355	7.0	3,410	9.6	4,756	7.0	2,208	17.3	5,027	11.5	3,599	14.6	1,494
Non-U.S., permanent resident	10.3	1,714	10.0	385	9.3	315	10.9	230	9.5	280	13.2	127	11.9	225	11.0	152
Non-U.S., temporary visa holder	8.9	14,235	9.1	2,843	8.4	3,415	9.4	1,395	8.2	4,381	11.4	556	10.8	730	10.4	915
Years in graduate school																
All doctorate recipients ^g																
	7.8	42,494	7.1	9,551	6.8	7,224	7.9	6,274	6.9	6,891	12.0	5,589	9.3	4,491	9.3	2,474
Sex																
Male	7.7	23,184	7.0	4,626	6.9	5,185	7.9	2,604	6.9	5,446	12.0	1,845	9.2	2,276	9.3	1,202
Female	8.2	19,307	7.2	4,925	6.7	2,037	7.9	3,670	6.7	1,444	12.0	3,744	9.5	2,215	9.3	1,272
Citizenship																
U.S. citizen	8.0	26,310	6.9	6,309	6.3	3,396	7.9	4,627	6.3	2,175	12.7	4,884	9.4	3,500	10.7	1,419
Non-U.S., permanent resident	8.6	1,715	7.7	379	7.6	318	8.4	228	8.0	278	10.6	127	9.7	233	9.7	152
Non-U.S., temporary visa holder	7.7	14,232	7.7	2,822	7.3	3,469	7.9	1,386	7.2	4,394	8.4	549	8.9	727	8.2	885

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

^b Includes mathematics and computer & information sciences.

^c Includes psychology.

^d Includes only cases with a valid year of bachelor's award.

^g Includes only cases with a valid year of graduate entry.

NOTE: Counts only include doctorate recipients who provided time-to-degree data.

SOURCE: NSF/NIH/USED/NEH/USDA/NASA, 2007 Survey of Earned Doctorates.