

Table 5

Number of Pharmacy Degrees Conferred 1965–2016  
by Degree and Gender (Totals for all schools and colleges of pharmacy in the U.S. and Puerto Rico.)

Year	B.S. Pharmacy <sup>a</sup>			Pharm.D.1 <sup>b</sup>			First Professional <sup>c</sup>			Pharm.D.2 <sup>d</sup>			M.S.			Ph.D.		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1965	2,723	454	3,177	162	21	183	2,885	475	3,360				150	26	176	105	3	108
1966	2,970	500	3,470	161	28	189	3,131	528	3,659				152	38	190	108	15	123
1967	3,078	493	3,571	136	37	173	3,214	530	3,744				235	32	267	118	8	126
1968	3,194	572	3,766	183	39	222	3,377	611	3,988				219	44	263	124	10	134
1969	3,384	695	4,079	178	31	209	3,562	726	4,288				235	42	277	136	9	145
1970	3,664	853	4,517	192	49	241	3,856	902	4,758				236	54	290	131	10	141
1971	3,589	935	4,524	160	63	223	3,749	998	4,747				219	56	275	169	8	177
1972	3,498	1,072	4,570	215	73	288	3,713	1,145	4,858				205	56	261	155	13	168
1973	3,674	1,259	4,933	184	67	251	3,858	1,326	5,184	99	18	117	273	53	326	172	15	187
1974	4,104	1,559	5,663	205	89	294	4,309	1,648	5,957	117	23	140	250	70	320	165	19	184
1975	4,607	1,792	6,399	218	95	313	4,825	1,887	6,712	110	26	136	250	89	339	165	24	189
1976	4,940	2,165	7,105	250	109	359	5,190	2,274	7,464	88	38	126	301	92	393	163	26	189
1977	5,108	2,541	7,649	255	107	362	5,363	2,648	8,011	147	42	189	309	90	399	147	19	166
1978	4,715	2,715	7,430	246	109	355	4,961	2,824	7,785	132	65	197	305	117	422	158	20	178
1979	4,260	2,835	7,095	278	183	461	4,538	3,018	7,556	139	51	190	301	134	435	125	28	153
1980	4,154	2,831	6,985	267	180	447	4,421	3,011	7,432	120	60	180	315	150	465	155	34	189
1981	3,753	3,116	6,869	265	189	454	4,018	3,305	7,323	109	101	210	271	163	434	152	28	180
1982	3,417	3,031	6,448	217	194	411	3,634	3,225	6,859	119	88	207	293	165	458	146	36	182
1983	2,994	2,925	5,919	240	215	455	3,234	3,140	6,374	136	135	271	277	149	426	154	54	208
1984	2,826	2,720	5,546	188	229	417	3,014	2,949	5,963	169	162	331	253	141	394	174	53	227
1985	2,362	2,785	5,147	281	307	588	2,643	3,092	5,735	121	103	224	210	128	338	175	57	232
1986	2,370	2,820	5,190	278	332	610	2,648	3,152	5,800	97	113	210	245	170	415	192	68	260
1987	2,235	2,929	5,164	291	399	690	2,526	3,328	5,854	86	126	212	197	151	348	203	80	283
1988	2,245	3,126	5,371	322	491	813	2,567	3,617	6,184	74	85	159	194	159	353	188	75	263
1989	2,313	3,408	5,721	314	525	839	2,627	3,933	6,560	99	123	222	226	165	391	175	112	287
1990	2,393	3,617	6,010	388	558	946	2,781	4,175	6,956	118	184	302	202	183	385	181	92	273
1991	2,268	3,659	5,927	436	759	1,195	2,704	4,418	7,122	106	165	271	189	175	364	201	112	313
1992	2,261	3,636	5,897	436	780	1,216	2,697	4,416	7,113	124	162	286	148	134	282	195	122	317
1993	2,244	3,787	6,031	460	889	1,349	2,704	4,676	7,380	141	255	396	148	153	301	223	125	348
1994	2,274	3,871	6,145	435	924	1,359	2,709	4,795	7,504	208	367	575	182	173	355	198	122	320
1995	2,291	3,927	6,218	553	1,066	1,619	2,844	4,993	7,837	270	434	704	187	205	392	218	132	350
1996	2,311	3,857	6,168	583	1,252	1,835	2,894	5,109	8,003	264	468	732	217	205	422	186	118	304
1997	2,212	3,556	5,768	691	1,313	2,004	2,903	4,869	7,772	321	538	859	191	209	400	218	140	358
1998	1,818	2,950	4,768	830	1,802	2,632	2,648	4,752	7,400	351	663	1,014	197	224	421	238	173	411
1999	1,528	2,348	3,876	1,081	2,184	3,265	2,609	4,532	7,141	315	598	913	172	212	384	221	138	359
2000	1,115	1,841	2,956	1,432	2,872	4,304	2,547	4,713	7,260	469	800	1,269	154	200	354	174	149	323
2001	754	1,160	1,914	1,730	3,356	5,086	2,484	4,516	7,000	367	612	979	182	279	461	211	164	375
2002	540	875	1,415	2,055	4,103	6,158	2,595	4,978	7,573	276	504	780	178	265	443	216	160	376
2003	303	536	839	2,333	4,316	6,649	2,636	4,852	7,488	338	557	895	199	273	472	210	174	384
2004	153	235	388	2,568	5,202	7,770	2,721	5,437	8,158	277	479	756	274	377	651	176	159	335
2005	16	10	26	2,618	5,624	8,242	2,634	5,634	8,268	241	427	668	233	393	626	215	214	429
2006	0	0	0	2,875	6,165	9,040	2,875	6,165	9,040	202	313	515	241	403	644	252	190	442
2007	0	0	0	3,171	6,641	9,812	3,171	6,641	9,812	97	373	470	236	368	604	220	192	412
2008	0	0	0	3,575	6,925	10,500	3,575	6,925	10,500	225	402	627	275	457	732	262	206	468

Table 5 (continued)

## Number of Pharmacy Degrees Conferred 1965–2016

by Degree and Gender (Totals for all schools and colleges of pharmacy in the U.S. and Puerto Rico.)

Year	B.S. Pharmacy <sup>a</sup>			Pharm.D.1 <sup>b</sup>			First Professional <sup>c</sup>			Pharm.D.2 <sup>d</sup>			M.S.			Ph.D.		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
2009	0	0	0	3,912	7,076	10,988	3,912	7,076	10,988	179	349	528	371	396	767	228	230	458
2010	0	0	0	4,287	7,200	11,487	4,287	7,200	11,487	191	336	527	343	430	773	243	207	450
2011	0	0	0	4,553	7,378	11,931	4,553	7,378	11,931	167	248	415	352	470	822	250	221	471
2012	0	0	0	4,937	7,782	12,719	4,937	7,782	12,719	163	281	444	298	383	681	275	222	497
2013	0	0	0	5,063	8,144	13,207	5,063	8,144	13,207	132	212	344	265	390	655	293	296	589
2014	0	0	0	5,483	8,355	13,838	5,483	8,355	13,838	110	229	339	340	435	775	298	267	565
2015	0	0	0	5,369	8,625	13,994	5,369	8,625	13,994	88	185	273	326	394	720	312	249	561
2016	0	0	0	5,635	8,921	14,556	5,635	8,921	14,556	120	206	326	411	612	1,023	297	250	547

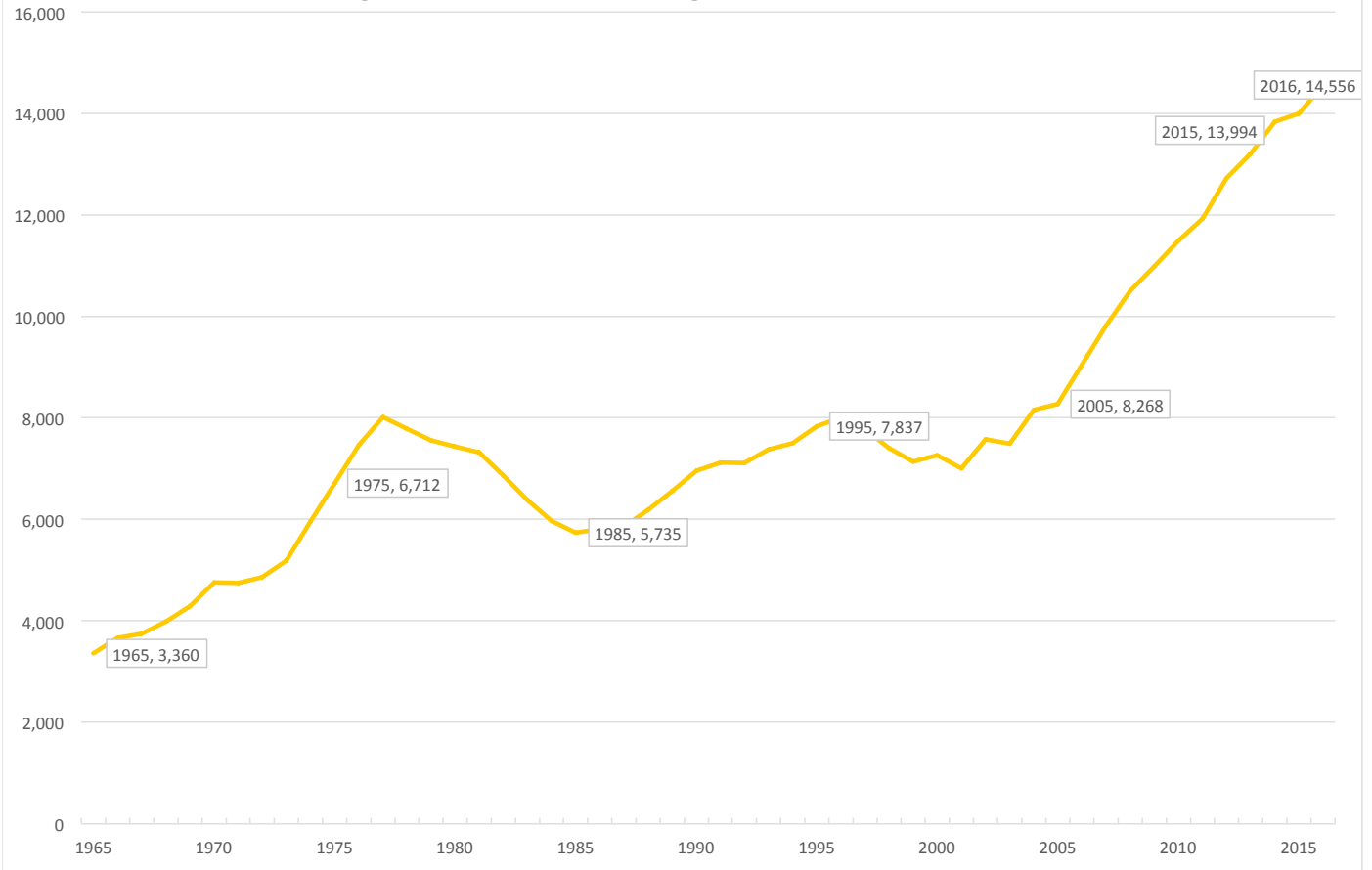
a: Includes B.Pharm. degree

b: Pharm.D.1 refers to the Doctor of Pharmacy degree awarded as the first professional degree

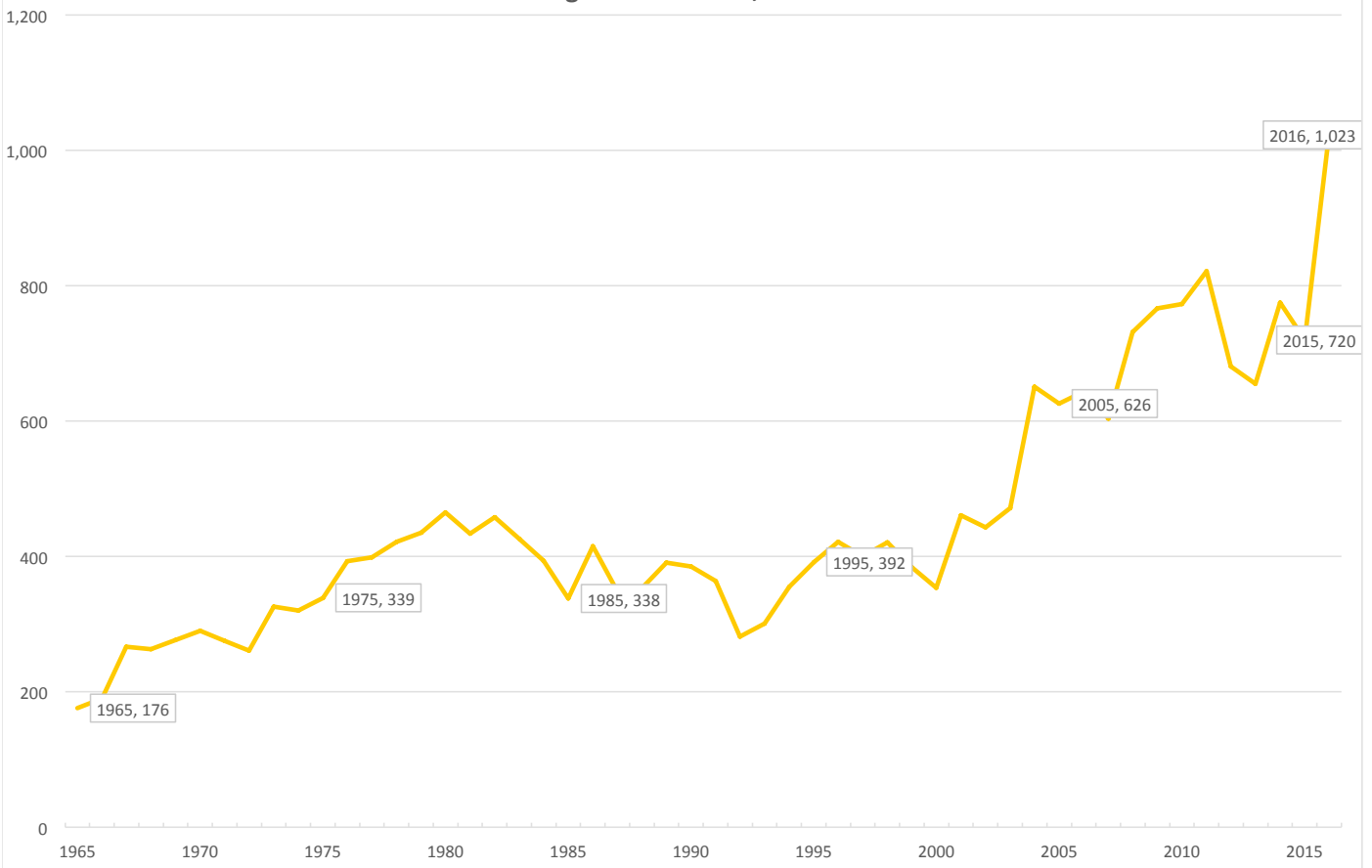
c: Includes B.S. Pharmacy, B.Pharm., and Pharm.D.1

d: Pharm.D.2 refers to the Doctor of Pharmacy degree awarded as a postbaccalaureate degree

**Figure A: First Professional Degrees Conferred, 1965 - 2016**



**M.S. Degrees Conferred, 1965-2016**



Ph.D. Degrees Conferred, 1965-2016

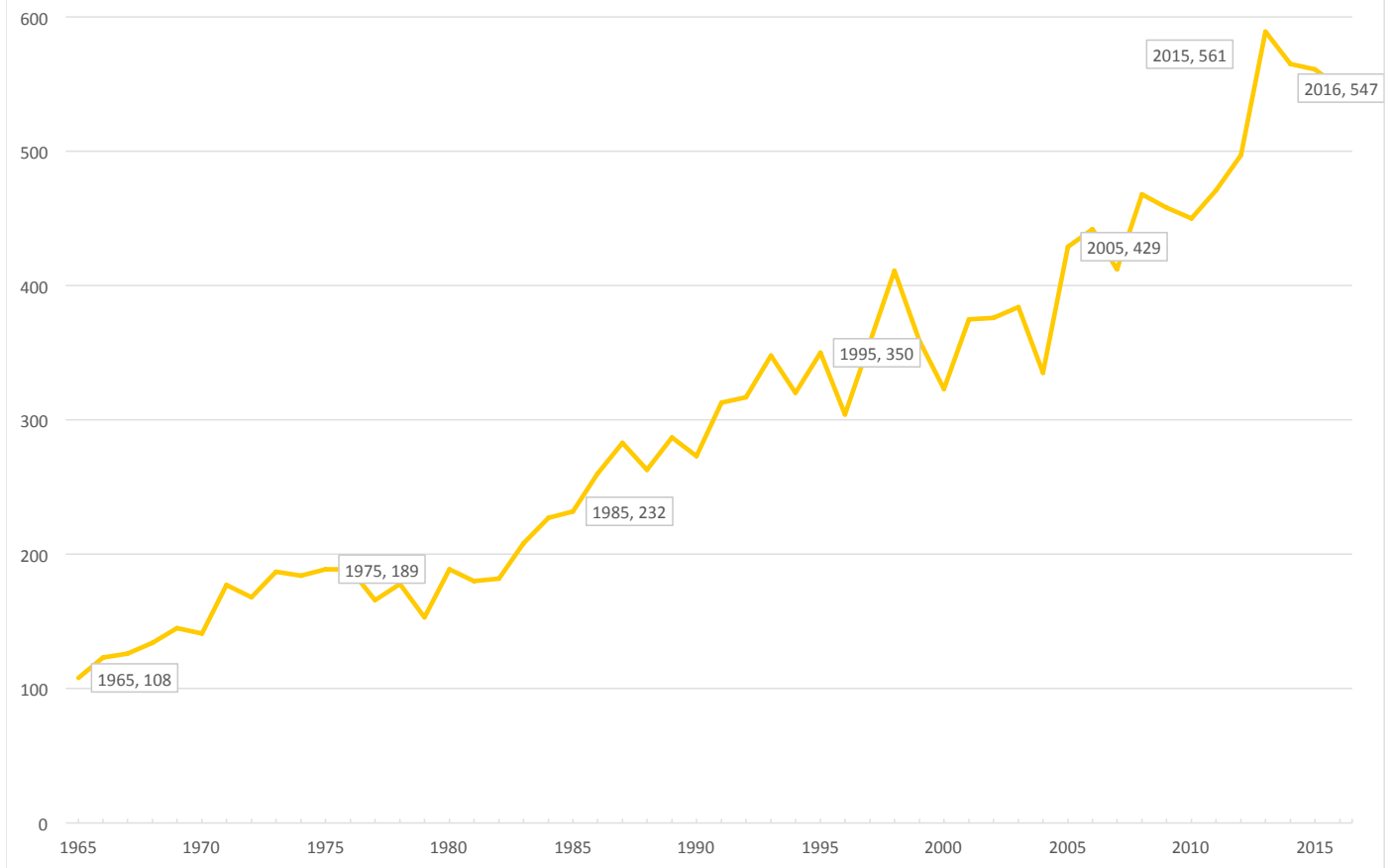


Table 6

## Annual Percent Change in Number of Pharmacy Degrees Conferred 1984–2016 Over Previous Year

Year	First Professional <sup>a</sup>		Pharm.D.2 <sup>b</sup>		M.S.		Ph.D.	
	N	Change	N	Change	N	Change	N	Change
1984	5,963	-6.4%	331	22.2%	394	-7.5%	227	9.1%
1985	5,735	-3.8%	224	-32.3%	338	-14.2%	232	2.2%
1986	5,800	1.1%	210	-6.3%	415	22.8%	260	12.1%
1987	5,854	0.9%	212	1.0%	348	-16.1%	283	8.8%
1988	6,184	5.6%	159	-25.0%	353	1.4%	263	-7.1%
1989	6,560	6.1%	222	39.6%	391	10.8%	287	9.1%
1990	6,956	6.0%	302	36.0%	385	-1.5%	273	-4.9%
1991	7,122	2.4%	271	-10.3%	364	-5.5%	313	14.7%
1992	7,113	-0.1%	286	5.5%	282	-22.5%	317	1.3%
1993	7,380	3.8%	396	38.5%	301	6.7%	348	9.8%
1994	7,504	1.7%	575	45.2%	355	17.9%	320	-8.0%
1995	7,837	4.4%	704	22.4%	392	10.4%	350	9.4%
1996	8,003	2.1%	732	4.0%	422	7.7%	304	-13.1%
1997	7,772	-2.9%	859	17.3%	400	-5.2%	358	17.8%
1998	7,400	-4.8%	1,014	18.0%	421	5.3%	411	14.8%
1999	7,141	-3.5%	913	-10.0%	384	-8.8%	359	-12.7%
2000	7,260	1.7%	1,269	39.0%	354	-7.8%	323	-10.0%
2001	7,000	-3.6%	979	-22.9%	461	30.2%	375	16.1%
2002	7,573	8.2%	780	-20.3%	443	-3.9%	376	0.3%
2003	7,488	-1.1%	895	14.7%	472	6.5%	384	2.1%
2004	8,158	8.9%	756	-15.5%	651	37.9%	335	-12.8%
2005	8,268	1.3%	668	-11.6%	626	-3.8%	429	28.1%
2006	9,040	9.3%	515	-22.9%	644	2.9%	442	3.0%
2007	9,812	8.5%	470	-8.7%	604	-6.2%	412	-6.8%
2008	10,500	7.0%	627	33.4%	732	21.2%	468	13.6%
2009	10,988	4.6%	528	-15.8%	767	4.8%	458	-2.1%
2010	11,487	4.5%	527	-0.2%	773	0.8%	450	-1.7%
2011	11,931	3.9%	415	-21.3%	822	6.3%	471	4.7%
2012	12,719	6.6%	444	7.0%	681	-17.2%	497	5.5%
2013	13,207	3.8%	344	-22.5%	655	-3.8%	589	18.5%
2014	13,838	4.8%	339	-1.5%	775	18.3%	565	-4.1%
2015	13,994	1.1%	273	-19.5%	720	-7.1%	561	-0.7%
2016	14,556	4.0%	326	19.4%	1,023	42.1%	547	-2.5%

a: Includes B.S. Pharmacy, B.Pharm., and Pharm.D.1 from 1984-2005; includes only Pharm.D.1 since 2006

b: Pharm.D.2 refers to the Doctor of Pharmacy degree awarded as a postbaccalaureate degree

Table 7

## Percent of Pharmacy Degrees Conferred 1984–2016 by Gender

Year	Pharm.D.1 <sup>a</sup>		Pharm.D.2 <sup>b</sup>		M.S.		Ph.D.	
	Male	Female	Male	Female	Male	Female	Male	Female
1984	45.1%	54.9%	51.1%	48.9%	64.2%	35.8%	76.7%	23.3%
1985	47.8%	52.2%	54.0%	46.0%	62.1%	37.9%	75.4%	24.6%
1986	45.6%	54.4%	46.2%	53.8%	59.0%	41.0%	73.8%	26.2%
1987	42.2%	57.8%	40.6%	59.4%	56.6%	43.4%	71.7%	28.3%
1988	39.6%	60.4%	46.5%	53.5%	55.0%	45.0%	71.5%	28.5%
1989	37.4%	62.6%	44.6%	55.4%	57.8%	42.2%	61.0%	39.0%
1990	41.0%	59.0%	39.1%	60.9%	52.5%	47.5%	66.3%	33.7%
1991	36.5%	63.5%	39.1%	60.9%	51.9%	48.1%	64.2%	35.8%
1992	35.9%	64.1%	43.4%	56.6%	52.5%	47.5%	61.5%	38.5%
1993	34.1%	65.9%	35.6%	64.4%	49.2%	50.8%	64.1%	35.9%
1994	32.0%	68.0%	36.2%	63.8%	51.3%	48.7%	61.9%	38.1%
1995	34.2%	65.8%	38.4%	61.6%	47.7%	52.3%	62.3%	37.7%
1996	31.8%	68.2%	36.1%	63.9%	51.4%	48.6%	61.2%	38.8%
1997	34.5%	65.5%	37.4%	62.6%	47.8%	52.3%	60.9%	39.1%
1998	31.5%	68.5%	34.6%	65.4%	46.8%	53.2%	57.9%	42.1%
1999	33.1%	66.9%	34.5%	65.5%	44.8%	55.2%	61.6%	38.4%
2000	33.3%	66.7%	37.0%	63.0%	43.5%	56.5%	53.9%	46.1%
2001	34.0%	66.0%	37.5%	62.5%	39.5%	60.5%	56.3%	43.7%
2002	33.4%	66.6%	35.4%	64.6%	40.2%	59.8%	57.4%	42.6%
2003	35.1%	64.9%	37.8%	62.2%	42.2%	57.8%	54.7%	45.3%
2004	33.1%	66.9%	36.6%	63.4%	42.1%	57.9%	52.5%	47.5%
2005	31.8%	68.2%	36.1%	63.9%	37.2%	62.8%	50.1%	49.9%
2006	31.8%	68.2%	39.2%	60.8%	37.5%	62.5%	57.0%	43.0%
2007	32.3%	67.7%	20.6%	79.4%	39.1%	60.9%	53.4%	46.6%
2008	34.0%	66.0%	35.9%	64.1%	37.6%	62.4%	56.0%	44.0%
2009	35.6%	64.4%	33.9%	66.1%	48.4%	51.6%	49.8%	50.2%
2010	37.3%	62.7%	36.2%	63.8%	44.4%	55.6%	54.0%	46.0%
2011	38.2%	61.8%	40.2%	59.8%	42.8%	57.2%	53.1%	46.9%
2012	38.8%	61.2%	36.7%	63.3%	43.8%	56.2%	55.3%	44.7%
2013	38.3%	61.7%	38.4%	61.6%	40.5%	59.5%	49.7%	50.3%
2014	39.6%	60.4%	32.4%	67.6%	43.9%	56.1%	52.7%	47.3%
2015	38.4%	61.6%	32.2%	67.8%	45.3%	54.7%	55.6%	44.4%
2016	38.7%	61.3%	36.8%	63.2%	40.2%	59.8%	54.3%	45.7%

a: Pharm.D.1 refers to the Doctor of Pharmacy degree awarded as the first professional degree

b: Pharm.D.2 refers to the Doctor of Pharmacy degree awarded as a postbaccalaureate degree

Table 8

Estimated Attrition Rates<sup>a</sup> for First-Professional Degree Classes 1984–2016

Year	Estimated Attrition Rate
1984	13.6%
1985	15.5%
1986	13.6%
1987	14.5%
1988	12.9%
1989	14.1%
1990	11.5%
1991	11.7%
1992	12.1%
1993	11.7%
1994	11.2%
1995	12.7%
1996	10.1%
1997	12.3%
1998	11.4%
1999	8.0%
2000	13.3%
2001	4.8%
2002	2.5%
2003	1.5%
2004	1.3%
2005	4.3%
2006	7.7%
2007	6.6%
2008	11.2%
2009	11.3%
2010	10.3%
2011	10.6%
2012	10.2%
2013	11.1%
2014	10.3%
2015	11.6%
2016	12.0%

a: From 1984–2007, the size of the graduating class for first-professional degree programs is compared with enrollments in that class three years previous for B.S. Pharmacy degrees and four years previous for Pharm.D. degrees, i.e. the number of students awarded a first-professional degree in 2006–07 are compared to first professional degree enrollments for the class of 2007 in fall 2003. In 2008 new data were collected to capture attrition rates more accurately.

Table 9

## Progression Rates for First-Professional Degree Classes 2008–16

Year	Attrition Rate (range)	Academic Dismissals (range)	Student Withdrawals <sup>a</sup> (range)	Delayed Graduations (range)	# of Schools Reporting
2008	11.2% (0.0% - 28.3%)	2.4% (0.0% - 10.7%)	2.2% (0.0% - 9.1%)	6.1% (0.0% - 22.2%)	89/92
2009	11.3% (0.8% - 37.9%)	2.4% (0.0% - 11.5%)	2.2% (0.0% - 8.9%)	6.2% (0.0% - 33.3%)	91/94
2010	10.3% (1.1% - 37.5%)	1.9% (0.0% - 11.8%)	2.2% (0.0% - 13.8%)	6.0% (0.0% - 30.0%)	97/99
2011	10.6% (0.0% - 37.3%)	2.6% (0.0% - 10.6%)	2.0% (0.0% - 14.4%)	6.0% (0.0% - 32.0%)	99/102
2012	10.2% (0.0% - 35.3%)	2.4% (0.0% - 8.1%)	1.9% (0.0% - 9.2%)	5.9% (0.0% - 26.3%)	105/110
2013	11.1% (0.0% - 36.9%)	2.6% (0.0%-11.4%)	2.4% (0.0% - 12.3%)	6.0% (0.0% - 30.8%)	116/117
2014	10.3% (0.0% - 29.4%)	2.4% (0.0% - 7.9%)	2.3% (0.0% - 21.7%)	5.7% (0.0% - 19.1%)	115/120
2015	11.6% (0.0% - 63.5%)	2.8% (0.0% - 63.5%)	2.5% (0.0% - 10.0%)	6.3% (0.0% - 24.5%)	122/125
2016	12.0% (0.0% - 27.2%)	2.7% (0.0% - 15.8%)	2.6% (0.0% - 13.6%)	6.7% (0.0% - 17.9%)	126/128

a: "Withdrawal" includes any reason (other than academic dismissal or delayed graduation) for removal from the program, including disability or death



Table 10

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 1985–2016  
by Gender and Race/Ethnicity

Year	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1985	181	176	357	15	11	26	9	7	16	57	97	154	NA	NA	NA
1986	173	190	363	16	14	30	13	10	23	48	101	149	NA	NA	NA
1987	190	227	417	14	22	36	12	14	26	46	121	167	NA	NA	NA
1988	221	328	549	12	32	44	13	13	26	59	95	154	NA	NA	NA
1989	210	342	552	19	29	48	9	14	23	64	118	182	NA	NA	NA
1990	258	371	629	7	22	29	9	20	29	100	124	224	NA	NA	NA
1991	298	473	771	20	44	64	19	32	51	86	190	276	NA	NA	NA
1992	284	481	765	16	36	52	30	31	61	92	202	294	NA	NA	NA
1993	308	548	856	14	49	63	17	23	40	100	249	349	NA	NA	NA
1994	301	541	842	19	65	84	16	24	40	82	258	340	NA	NA	NA
1995	342	617	959	36	125	161	20	27	47	133	272	405	NA	NA	NA
1996	369	714	1,083	46	133	179	25	38	63	129	329	458	NA	NA	NA
1997	458	732	1,190	34	138	172	22	34	56	147	368	515	NA	NA	NA
1998	541	1,086	1,627	62	170	232	17	48	65	177	443	620	NA	NA	NA
1999	715	1,411	2,126	66	165	231	30	56	86	220	454	674	NA	NA	NA
2000	915	1,784	2,699	106	235	341	54	65	119	277	640	917	NA	NA	NA
2001	1,168	2,083	3,251	99	254	353	64	95	159	317	741	1,058	NA	NA	NA
2002	1,300	2,483	3,783	167	347	514	82	129	211	379	934	1,313	NA	NA	NA
2003	1,381	2,604	3,985	168	389	557	106	136	242	546	959	1,505	NA	NA	NA
2004	1,584	3,059	4,643	177	424	601	99	192	291	566	1,250	1,816	NA	NA	NA
2005	1,673	3,346	5,019	188	526	714	114	246	360	479	1,199	1,678	NA	NA	NA
2006	1,847	3,803	5,650	213	455	668	136	241	377	501	1,321	1,822	NA	NA	NA
2007	2,102	4,080	6,182	193	489	682	129	257	386	552	1,418	1,970	NA	NA	NA
2008	2,341	4,219	6,560	214	488	702	130	277	407	614	1,492	2,106	NA	NA	NA
2009	2,465	4,195	6,660	235	453	688	165	289	454	749	1,584	2,333	NA	NA	NA
2010	2,654	4,226	6,880	253	491	744	170	319	489	892	1,571	2,463	NA	NA	NA
2011	2,767	4,369	7,136	286	477	763	176	336	512	918	1,652	2,570	17	26	43
2012	2,927	4,469	7,396	309	523	832	212	320	532	1,023	1,761	2,784	71	127	198
2013	2,880	4,599	7,479	334	582	916	207	356	563	1,134	1,890	3,024	22	23	45
2014	3,079	4,485	7,564	370	572	942	246	356	602	1,232	2,103	3,335	14	16	30
2015	3,003	4,650	7,653	378	583	961	202	376	578	1,270	2,167	3,437	25	19	44
2016	3,028	4,718	7,746	387	670	1,057	244	399	643	1,368	2,218	3,586	18	14	32

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2011, data reported also included degree recipients that were Native Hawaiians or Other Pacific Islanders.

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2011, these degree recipients were included in the “Asian” category.

Table 10 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 1985–2016  
by Gender and Race/Ethnicity

Year	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1985	0	0	0	NA	NA	NA	2	4	6	17	12	29	281	307	588
1986	0	0	0	NA	NA	NA	0	0	0	28	17	45	278	332	610
1987	0	0	0	NA	NA	NA	2	2	4	27	13	40	291	399	690
1988	2	0	2	NA	NA	NA	0	1	1	15	22	37	322	491	813
1989	2	1	3	NA	NA	NA	2	0	2	8	21	29	314	525	839
1990	1	1	2	NA	NA	NA	0	0	0	13	20	33	388	558	946
1991	3	3	6	NA	NA	NA	0	4	4	10	13	23	436	759	1,195
1992	2	1	3	NA	NA	NA	3	9	12	9	20	29	436	780	1,216
1993	1	1	2	NA	NA	NA	2	8	10	18	11	29	460	889	1,349
1994	1	4	5	NA	NA	NA	7	13	20	9	19	28	435	924	1,359
1995	0	3	3	NA	NA	NA	2	6	8	20	16	36	553	1,066	1,619
1996	2	1	3	NA	NA	NA	0	8	8	12	29	41	583	1,252	1,835
1997	6	2	8	NA	NA	NA	2	4	6	22	35	57	691	1,313	2,004
1998	4	4	8	NA	NA	NA	11	21	32	18	30	48	830	1,802	2,632
1999	4	4	8	NA	NA	NA	27	53	80	19	41	60	1,081	2,184	3,265
2000	10	12	22	NA	NA	NA	38	72	110	32	64	96	1,432	2,872	4,304
2001	4	10	14	NA	NA	NA	38	104	142	40	69	109	1,730	3,356	5,086
2002	18	14	32	NA	NA	NA	59	101	160	50	95	145	2,055	4,103	6,158
2003	14	23	37	NA	NA	NA	51	92	143	67	113	180	2,333	4,316	6,649
2004	9	21	30	NA	NA	NA	70	109	179	63	147	210	2,568	5,202	7,770
2005	27	24	51	NA	NA	NA	66	160	226	71	123	194	2,618	5,624	8,242
2006	10	29	39	NA	NA	NA	80	185	265	88	131	219	2,875	6,165	9,040
2007	17	36	53	NA	NA	NA	124	213	337	54	148	202	3,171	6,641	9,812
2008	27	34	61	NA	NA	NA	164	260	424	85	155	240	3,575	6,925	10,500
2009	19	45	64	NA	NA	NA	175	322	497	104	188	292	3,912	7,076	10,988
2010	19	31	50	NA	NA	NA	219	383	602	80	179	259	4,287	7,200	11,487
2011	22	20	42	18	19	37	209	311	520	140	168	308	4,553	7,378	11,931
2012	24	37	61	31	67	98	215	322	537	125	156	281	4,937	7,782	12,719
2013	29	23	52	40	51	91	301	443	744	116	177	293	5,063	8,144	13,207
2014	13	31	44	58	116	174	348	496	844	123	180	303	5,483	8,355	13,838
2015	21	42	63	100	148	248	227	378	605	143	262	405	5,369	8,625	13,994
2016	27	21	48	145	179	324	290	435	725	128	267	395	5,635	8,921	14,556

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race. Prior to 2011, these degree recipients were included in the “Unknown” category.

h: U.S. citizens or permanent residents whose race and ethnicity are not known. Prior to 2011, data reported also included degree recipients that were of two or more races.

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

NA: Not available

Table 11

Number of Postbaccalaureate Doctor of Pharmacy Degrees (Pharm.D.2) Conferred 1985–2016  
by Gender and Race/Ethnicity

Year	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1985	98	76	174	3	10	13	1	1	2	3	4	7	NA	NA	NA
1986	75	79	154	4	11	15	0	6	6	3	3	6	NA	NA	NA
1987	72	98	170	0	5	5	3	4	7	1	5	6	NA	NA	NA
1988	60	64	124	1	4	5	0	1	1	1	2	3	NA	NA	NA
1989	77	94	171	4	5	9	1	2	3	6	8	14	NA	NA	NA
1990	100	144	244	5	8	13	2	8	10	3	7	10	NA	NA	NA
1991	92	125	217	2	9	11	1	3	4	4	7	11	NA	NA	NA
1992	97	135	232	6	9	15	0	2	2	3	3	6	NA	NA	NA
1993	114	194	308	6	11	17	1	8	9	3	13	16	NA	NA	NA
1994	164	298	462	11	15	26	5	7	12	11	22	33	NA	NA	NA
1995	212	361	573	14	24	38	4	6	10	17	30	47	NA	NA	NA
1996	221	368	589	7	27	34	2	9	11	16	39	55	NA	NA	NA
1997	257	417	674	22	37	59	1	4	5	11	53	64	NA	NA	NA
1998	272	614	786	13	28	41	6	6	12	43	82	125	NA	NA	NA
1999	212	415	627	20	39	59	12	23	35	36	72	108	NA	NA	NA
2000	359	538	897	17	50	67	15	39	54	53	122	175	NA	NA	NA
2001	280	410	690	15	47	62	8	15	23	51	102	153	NA	NA	NA
2002	202	331	533	15	28	43	6	23	29	36	89	125	NA	NA	NA
2003	250	317	567	19	38	57	8	26	34	33	116	149	NA	NA	NA
2004	197	275	472	33	47	80	7	36	43	22	67	89	NA	NA	NA
2005	148	203	351	17	38	55	16	37	53	23	63	86	NA	NA	NA
2006	123	161	284	18	24	42	6	23	29	22	46	68	NA	NA	NA
2007	46	141	187	15	82	97	8	39	47	10	62	72	NA	NA	NA
2008	133	211	344	23	38	61	5	17	22	34	69	103	NA	NA	NA
2009	91	163	254	17	29	46	4	19	23	33	64	97	NA	NA	NA
2010	83	110	193	18	35	53	13	20	33	27	64	91	NA	NA	NA
2011	64	98	162	22	25	47	3	29	32	35	44	79	3	1	4
2012	74	108	182	14	32	46	3	23	26	28	68	96	0	0	0
2013	56	83	139	13	23	36	1	13	14	18	48	66	0	0	0
2014	38	83	121	21	31	52	4	13	17	20	59	79	0	0	0
2015	20	66	86	15	14	29	1	8	9	14	36	50	0	0	0
2016	29	64	93	33	25	58	5	3	8	18	45	63	2	1	3

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2011, data reported also included degree recipients that were Native Hawaiians or Other Pacific Islanders.

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2011, these degree recipients were included in the “Asian” category.

Table 11 (continued)

Number of Postbaccalaureate Doctor of Pharmacy Degrees (Pharm.D.2) Conferred 1985–2016  
by Gender and Race/Ethnicity

Year	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1985	1	0	1	NA	NA	NA	2	4	6	13	8	21	121	103	224
1986	0	0	0	NA	NA	NA	0	0	0	15	14	29	97	113	210
1987	0	0	0	NA	NA	NA	1	3	4	9	11	20	86	126	212
1988	0	0	0	NA	NA	NA	0	0	0	12	14	26	74	85	159
1989	0	0	0	NA	NA	NA	0	0	0	11	14	25	99	123	222
1990	0	0	0	NA	NA	NA	2	2	4	6	15	21	118	184	302
1991	0	0	0	NA	NA	NA	1	1	2	6	20	26	106	165	271
1992	0	0	0	NA	NA	NA	1	0	1	17	13	30	124	162	286
1993	1	1	2	NA	NA	NA	3	3	6	13	25	38	141	255	396
1994	0	0	0	NA	NA	NA	0	1	1	17	24	41	208	367	575
1995	2	0	2	NA	NA	NA	0	2	2	21	11	32	270	434	704
1996	1	0	1	NA	NA	NA	1	5	6	16	20	36	264	468	732
1997	2	1	3	NA	NA	NA	4	8	12	24	18	42	321	538	859
1998	0	0	0	NA	NA	NA	2	4	6	15	29	44	351	663	1,014
1999	2	5	7	NA	NA	NA	19	34	53	14	10	24	315	598	913
2000	4	6	10	NA	NA	NA	10	21	31	11	24	35	469	800	1,269
2001	2	7	9	NA	NA	NA	4	16	20	7	15	22	367	612	979
2002	2	2	4	NA	NA	NA	9	22	31	6	9	15	276	504	780
2003	1	3	4	NA	NA	NA	22	38	60	5	19	24	338	557	895
2004	3	1	4	NA	NA	NA	11	19	30	4	34	38	277	479	756
2005	2	1	3	NA	NA	NA	28	56	84	7	29	36	241	427	668
2006	0	0	0	NA	NA	NA	19	35	54	14	24	38	202	313	515
2007	0	3	3	NA	NA	NA	8	24	32	10	22	32	97	373	470
2008	1	0	1	NA	NA	NA	15	21	36	14	46	60	225	402	627
2009	0	2	2	NA	NA	NA	11	24	35	23	48	71	179	349	528
2010	0	2	2	NA	NA	NA	20	45	65	30	60	90	191	336	527
2011	0	1	1	0	0	0	10	14	24	30	36	66	167	248	415
2012	0	0	0	0	0	0	27	15	42	17	35	52	163	281	444
2013	0	0	0	0	0	0	10	11	21	34	34	68	132	212	344
2014	1	1	2	0	1	1	14	19	33	12	22	34	110	229	339
2015	1	0	1	0	0	0	19	30	49	18	31	49	88	185	273
2016	0	1	1	0	0	0	18	31	49	15	36	51	120	206	326

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race. Prior to 2011, these degree recipients were included in the “Unknown” category.

h: U.S. citizens or permanent residents whose race and ethnicity are not known. Prior to 2011, data reported also included degree recipients that were of two or more races.

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

NA: Not available

Table 12  
 Number of Master of Science Degrees (M.S.) Conferred 1985–2016  
 by Gender and Race/Ethnicity

Year	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1985	134	81	215	2	8	10	2	1	3	8	3	11	NA	NA	NA
1986	166	116	282	6	0	6	3	5	8	5	2	7	NA	NA	NA
1987	136	95	231	2	4	6	2	2	4	3	8	11	NA	NA	NA
1988	125	102	227	8	4	12	2	2	4	6	3	9	NA	NA	NA
1989	131	103	234	6	2	8	1	6	7	14	2	16	NA	NA	NA
1990	120	89	209	6	6	12	5	6	11	12	16	28	NA	NA	NA
1991	117	101	218	3	10	13	1	6	7	16	11	27	NA	NA	NA
1992	82	58	140	4	10	14	1	8	9	7	7	14	NA	NA	NA
1993	80	69	149	3	6	9	9	11	20	4	9	13	NA	NA	NA
1994	88	81	169	3	5	8	2	11	13	7	12	19	NA	NA	NA
1995	98	108	206	4	12	16	6	10	16	17	15	32	NA	NA	NA
1996	121	115	236	3	9	12	7	9	16	12	11	23	NA	NA	NA
1997	94	100	194	6	12	18	8	9	17	20	16	36	NA	NA	NA
1998	102	111	213	8	6	14	10	9	19	13	25	38	NA	NA	NA
1999	76	97	173	8	12	20	4	4	8	11	20	31	NA	NA	NA
2000	71	101	172	8	5	13	3	10	13	17	19	36	NA	NA	NA
2001	87	127	214	4	22	26	2	16	18	24	22	46	NA	NA	NA
2002	67	114	181	5	12	17	4	12	16	21	22	43	NA	NA	NA
2003	68	138	206	9	26	35	3	8	11	44	24	68	NA	NA	NA
2004	99	181	280	10	41	51	7	19	26	46	43	89	NA	NA	NA
2005	95	175	270	4	38	42	8	11	19	26	54	80	NA	NA	NA
2006	95	179	274	11	41	52	5	23	28	19	30	49	NA	NA	NA
2007	98	180	278	5	44	49	4	8	12	46	38	84	NA	NA	NA
2008	113	205	318	9	26	35	9	24	33	20	55	75	NA	NA	NA
2009	75	111	186	9	21	30	3	8	11	27	58	85	NA	NA	NA
2010	78	144	222	12	10	22	8	14	22	21	57	78	NA	NA	NA
2011	90	145	235	14	24	38	4	12	16	30	48	78	2	0	2
2012	87	130	217	6	18	24	3	12	15	28	53	81	1	0	1
2013	72	111	183	7	17	24	7	8	15	21	51	72	1	0	1
2014	90	114	204	12	26	38	6	9	15	30	45	75	0	3	3
2015	91	116	207	11	17	28	8	12	20	38	46	84	0	0	0
2016	120	249	369	33	35	68	19	32	51	37	72	109	4	0	4

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2011, data reported also included degree recipients that were Native Hawaiians or Other Pacific Islanders.

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2011, these degree recipients were included in the “Asian” category.

Table 12 (continued)  
 Number of Master of Science Degrees (M.S.) Conferred 1985–2016  
 by Gender and Race/Ethnicity

Year	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1985	0	0	0	NA	NA	NA	1	0	1	63	35	98	210	128	338
1986	1	0	1	NA	NA	NA	0	0	0	64	47	111	245	170	415
1987	0	0	0	NA	NA	NA	11	3	14	43	39	82	197	151	348
1988	0	2	2	NA	NA	NA	1	1	2	52	45	97	194	159	353
1989	0	0	0	NA	NA	NA	1	1	2	73	51	124	226	165	391
1990	0	1	1	NA	NA	NA	4	4	8	55	61	116	202	183	385
1991	0	0	0	NA	NA	NA	1	1	2	51	46	97	189	175	364
1992	0	0	0	NA	NA	NA	4	1	5	50	50	100	148	134	282
1993	0	0	0	NA	NA	NA	1	4	5	51	54	105	148	153	301
1994	0	0	0	NA	NA	NA	3	2	5	79	62	141	182	173	355
1995	0	0	0	NA	NA	NA	0	1	1	62	59	121	187	205	392
1996	0	0	0	NA	NA	NA	5	3	8	69	58	127	217	205	422
1997	0	0	0	NA	NA	NA	2	3	5	61	69	130	191	209	400
1998	1	0	1	NA	NA	NA	5	8	13	58	65	123	197	224	421
1999	0	0	0	NA	NA	NA	8	11	19	65	68	133	172	212	384
2000	0	1	1	NA	NA	NA	0	2	2	55	62	117	154	200	354
2001	1	0	1	NA	NA	NA	5	7	12	59	85	144	182	279	461
2002	0	0	0	NA	NA	NA	5	10	15	76	95	171	178	265	443
2003	0	0	0	NA	NA	NA	2	14	16	73	63	136	199	273	472
2004	1	0	1	NA	NA	NA	17	22	39	94	71	165	274	377	651
2005	1	1	2	NA	NA	NA	28	41	69	71	73	144	233	393	626
2006	1	1	2	NA	NA	NA	23	34	57	87	95	182	241	403	644
2007	2	0	2	NA	NA	NA	22	29	51	59	69	128	236	368	604
2008	1	0	1	NA	NA	NA	23	41	64	100	106	206	275	457	732
2009	0	0	0	NA	NA	NA	31	44	75	226	154	380	371	396	767
2010	0	1	1	NA	NA	NA	25	48	73	199	156	355	343	430	773
2011	0	2	2	0	1	1	22	44	66	190	194	384	352	470	822
2012	2	2	4	2	1	3	16	11	27	153	156	309	298	383	681
2013	0	3	3	0	7	7	16	15	31	141	178	319	265	390	655
2014	0	0	0	2	3	5	19	30	49	181	205	386	340	435	775
2015	0	0	0	2	6	8	8	14	22	168	183	351	326	394	720
2016	1	2	3	9	7	16	18	24	42	170	191	361	411	612	1,023

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race. Prior to 2011, these degree recipients were included in the “Unknown” category.

h: U.S. citizens or permanent residents whose race and ethnicity are not known. Prior to 2011, data reported also included degree recipients that were of two or more races.

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

NA: Not available

Table 13

Number of Doctor of Philosophy Degrees (Ph.D.) Conferred 1985–2016  
by Gender and Race/Ethnicity

Year	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1985	106	34	140	2	0	2	1	1	2	6	4	10	NA	NA	NA
1986	112	48	160	2	0	2	1	0	1	4	2	6	NA	NA	NA
1987	119	43	162	2	0	2	4	0	4	7	6	13	NA	NA	NA
1988	97	48	145	1	1	2	3	0	3	4	2	6	NA	NA	NA
1989	100	54	154	1	3	4	2	2	4	6	4	10	NA	NA	NA
1990	100	51	151	4	3	7	1	0	1	17	7	24	NA	NA	NA
1991	104	64	168	5	3	8	3	0	3	12	14	26	NA	NA	NA
1992	78	60	138	5	3	8	3	1	4	12	9	21	NA	NA	NA
1993	110	50	160	1	4	5	2	1	3	10	10	20	NA	NA	NA
1994	95	56	151	2	4	6	2	2	4	16	9	25	NA	NA	NA
1995	95	53	148	5	5	10	1	4	5	20	13	33	NA	NA	NA
1996	83	52	135	3	6	9	1	4	5	11	12	23	NA	NA	NA
1997	87	58	145	6	4	10	1	2	3	12	13	25	NA	NA	NA
1998	101	65	166	4	10	14	5	1	6	14	18	32	NA	NA	NA
1999	82	49	131	6	7	13	4	2	6	22	17	39	NA	NA	NA
2000	61	62	123	5	6	11	0	0	0	23	15	38	NA	NA	NA
2001	83	46	129	5	10	15	4	2	6	27	27	54	NA	NA	NA
2002	92	59	151	2	6	8	2	3	5	14	13	27	NA	NA	NA
2003	77	62	139	5	8	13	7	2	9	19	13	32	NA	NA	NA
2004	67	47	114	6	5	11	2	3	5	15	16	31	NA	NA	NA
2005	66	43	109	10	9	19	5	3	8	10	25	35	NA	NA	NA
2006	82	45	127	5	12	17	5	3	8	19	15	34	NA	NA	NA
2007	78	50	128	5	11	16	4	4	8	19	16	35	NA	NA	NA
2008	104	60	164	4	7	11	4	5	9	27	19	46	NA	NA	NA
2009	80	71	151	7	11	18	3	7	10	31	23	54	NA	NA	NA
2010	81	81	162	3	10	13	2	6	8	25	23	48	NA	NA	NA
2011	74	67	141	11	23	34	7	2	9	28	22	50	2	2	4
2012	82	66	148	11	14	25	7	11	18	34	27	61	1	0	1
2013	83	74	157	8	14	22	9	11	20	31	37	68	0	0	0
2014	103	73	176	11	14	25	4	6	10	26	33	59	0	2	2
2015	101	70	171	6	12	18	10	3	13	46	44	90	0	0	0
2016	97	82	179	7	9	16	7	8	15	21	29	50	0	0	0

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2011, data reported also included degree recipients that were Native Hawaiians or Other Pacific Islanders.

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2011, these degree recipients were included in the “Asian” category.

Table 13 (continued)  
 Number of Doctor of Philosophy Degrees (Ph.D.) Conferred 1985–2016  
 by Gender and Race/Ethnicity

Year	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1985	1	0	<b>1</b>	NA	NA	NA	0	0	<b>0</b>	59	18	<b>77</b>	175	57	<b>232</b>
1986	0	0	<b>0</b>	NA	NA	NA	0	0	<b>0</b>	73	18	<b>91</b>	192	68	<b>260</b>
1987	0	0	<b>0</b>	NA	NA	NA	7	1	<b>8</b>	64	30	<b>94</b>	203	80	<b>283</b>
1988	0	0	<b>0</b>	NA	NA	NA	1	1	<b>2</b>	82	23	<b>105</b>	188	75	<b>263</b>
1989	0	0	<b>0</b>	NA	NA	NA	3	3	<b>6</b>	63	46	<b>109</b>	175	112	<b>287</b>
1990	0	0	<b>0</b>	NA	NA	NA	6	2	<b>8</b>	53	29	<b>82</b>	181	92	<b>273</b>
1991	0	0	<b>0</b>	NA	NA	NA	5	0	<b>5</b>	72	31	<b>103</b>	201	112	<b>313</b>
1992	0	0	<b>0</b>	NA	NA	NA	3	1	<b>4</b>	94	48	<b>142</b>	195	122	<b>317</b>
1993	1	0	<b>1</b>	NA	NA	NA	0	0	<b>0</b>	99	60	<b>159</b>	223	125	<b>348</b>
1994	0	0	<b>0</b>	NA	NA	NA	2	0	<b>2</b>	82	51	<b>133</b>	198	122	<b>320</b>
1995	1	1	<b>2</b>	NA	NA	NA	3	1	<b>4</b>	93	55	<b>148</b>	218	132	<b>350</b>
1996	0	0	<b>0</b>	NA	NA	NA	2	1	<b>3</b>	86	43	<b>129</b>	186	118	<b>304</b>
1997	0	0	<b>0</b>	NA	NA	NA	7	0	<b>7</b>	105	63	<b>168</b>	218	140	<b>358</b>
1998	2	0	<b>2</b>	NA	NA	NA	1	3	<b>4</b>	111	76	<b>187</b>	238	173	<b>411</b>
1999	0	0	<b>0</b>	NA	NA	NA	12	3	<b>15</b>	95	60	<b>155</b>	221	138	<b>359</b>
2000	0	0	<b>0</b>	NA	NA	NA	6	14	<b>20</b>	79	52	<b>131</b>	174	149	<b>323</b>
2001	0	0	<b>0</b>	NA	NA	NA	3	1	<b>4</b>	89	78	<b>167</b>	211	164	<b>375</b>
2002	2	0	<b>2</b>	NA	NA	NA	3	4	<b>7</b>	101	75	<b>176</b>	216	160	<b>376</b>
2003	0	0	<b>0</b>	NA	NA	NA	4	1	<b>5</b>	98	88	<b>186</b>	210	174	<b>384</b>
2004	0	0	<b>0</b>	NA	NA	NA	3	1	<b>4</b>	83	87	<b>170</b>	176	159	<b>335</b>
2005	1	1	<b>2</b>	NA	NA	NA	3	3	<b>6</b>	120	130	<b>250</b>	215	214	<b>429</b>
2006	0	0	<b>0</b>	NA	NA	NA	2	0	<b>2</b>	139	115	<b>254</b>	252	190	<b>442</b>
2007	0	0	<b>0</b>	NA	NA	NA	1	4	<b>5</b>	113	107	<b>220</b>	220	192	<b>412</b>
2008	0	2	<b>2</b>	NA	NA	NA	7	8	<b>15</b>	116	105	<b>221</b>	262	206	<b>468</b>
2009	0	0	<b>0</b>	NA	NA	NA	7	7	<b>14</b>	100	111	<b>211</b>	228	230	<b>458</b>
2010	0	1	<b>1</b>	NA	NA	NA	11	7	<b>18</b>	121	79	<b>200</b>	243	207	<b>450</b>
2011	0	0	<b>0</b>	3	2	<b>5</b>	5	11	<b>16</b>	120	92	<b>212</b>	250	221	<b>471</b>
2012	1	1	<b>2</b>	2	0	<b>2</b>	21	9	<b>30</b>	116	94	<b>210</b>	275	222	<b>497</b>
2013	1	0	<b>1</b>	4	5	<b>9</b>	10	10	<b>20</b>	147	145	<b>292</b>	293	296	<b>589</b>
2014	0	1	<b>1</b>	2	1	<b>3</b>	8	7	<b>15</b>	144	130	<b>274</b>	298	267	<b>565</b>
2015	0	1	<b>1</b>	0	2	<b>2</b>	7	3	<b>10</b>	142	114	<b>256</b>	312	249	<b>561</b>
2016	0	1	<b>1</b>	3	2	<b>5</b>	10	5	<b>15</b>	152	114	<b>266</b>	297	250	<b>547</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race. Prior to 2011, these degree recipients were included in the “Unknown” category.

h: U.S. citizens or permanent residents whose race and ethnicity are not known. Prior to 2011, data reported also included degree recipients that were of two or more races.

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

NA: Not available



Table 14

Percent of Recipients of Doctor of Pharmacy Degrees Conferred as the First Professional Degree (Pharm.D.1) 1985–2016  
by Race/Ethnicity

Year	White <sup>a</sup>		Black or African American <sup>b</sup>		Hispanic or Latino <sup>c</sup>		Asian <sup>d</sup>		Native Hawaiian or Other Pacific Islander <sup>e</sup>	
	N	%	N	%	N	%	N	%	N	%
1985	357	60.7	26	4.4	16	2.7	154	26.2	NA	NA
1986	363	59.5	30	4.9	23	3.8	149	24.4	NA	NA
1987	417	60.4	36	5.2	26	3.8	167	24.2	NA	NA
1988	549	67.5	44	5.4	26	3.2	154	18.9	NA	NA
1989	552	65.8	48	5.7	23	2.7	182	21.7	NA	NA
1990	629	66.5	29	3.1	29	3.1	224	23.7	NA	NA
1991	771	64.5	64	5.4	51	4.3	276	23.1	NA	NA
1992	765	62.9	52	4.3	61	5.0	294	24.2	NA	NA
1993	856	63.5	63	4.7	40	3.0	349	25.9	NA	NA
1994	842	62.0	84	6.2	40	2.9	340	25.0	NA	NA
1995	959	59.2	161	9.9	47	2.9	405	25.0	NA	NA
1996	1,083	59.0	179	9.8	63	3.4	458	25.0	NA	NA
1997	1,190	59.4	172	8.6	56	2.8	515	25.7	NA	NA
1998	1,627	61.9	232	8.8	65	2.5	620	23.6	NA	NA
1999	2,126	65.1	231	7.1	86	2.6	674	20.6	NA	NA
2000	2,699	62.7	341	7.9	119	2.8	917	21.3	NA	NA
2001	3,251	63.9	353	6.9	159	3.1	1,058	20.8	NA	NA
2002	3,783	61.4	514	8.3	211	3.4	1,313	21.3	NA	NA
2003	3,985	59.9	557	8.4	242	3.6	1,505	22.6	NA	NA
2004	4,643	59.8	601	7.7	291	3.7	1,816	23.4	NA	NA
2005	5,019	60.9	714	8.7	360	4.4	1,678	20.4	NA	NA
2006	5,650	62.5	668	7.4	377	4.2	1,822	20.2	NA	NA
2007	6,182	63.0	682	7.0	386	3.9	1,970	20.1	NA	NA
2008	6,560	62.5	702	6.7	407	3.9	2,106	20.1	NA	NA
2009	6,660	60.6	688	6.3	454	4.1	2,333	21.2	NA	NA
2010	6,880	59.9	744	6.5	489	4.3	2,463	21.4	NA	NA
2011	7,136	59.8	763	6.4	512	4.3	2,570	21.5	43	0.4
2012	7,396	58.1	832	6.5	532	4.2	2,784	21.9	198	1.6
2013	7,479	56.6	916	6.9	563	4.3	3,024	22.9	45	0.3
2014	7,564	54.7	942	6.8	602	4.4	3,335	24.1	30	0.2
2015	7,653	54.7	961	6.9	578	4.1	3,437	24.6	44	0.3
2016	7,746	53.2	1,057	7.3	643	4.4	3,586	24.6	32	0.2

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2011, data reported also included degree recipients that were Native Hawaiians or Other Pacific Islanders.

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2011, these degree recipients were included in the “Asian” category.

Table 14 (continued)

## Percent of Recipients of Doctor of Pharmacy Degrees Conferred as the First Professional Degree (Pharm.D.1) 1985–2016 by Race/Ethnicity

Year	American Indian or Alaska Native <sup>f</sup>		Two or More Races <sup>g</sup>		Unknown <sup>h</sup>		International/ Foreign <sup>i</sup>	
	N	%	N	%	N	%	N	%
1985	0	0.0	NA	NA	6	1.0	29	4.9
1986	0	0.0	NA	NA	0	0.0	45	7.4
1987	0	0.0	NA	NA	4	0.6	40	5.8
1988	2	0.2	NA	NA	1	0.1	37	4.6
1989	3	0.4	NA	NA	2	0.2	29	3.5
1990	2	0.2	NA	NA	0	0.0	33	3.5
1991	6	0.5	NA	NA	4	0.3	23	1.9
1992	3	0.2	NA	NA	12	1.0	29	2.4
1993	2	0.1	NA	NA	10	0.7	29	2.1
1994	5	0.4	NA	NA	20	1.5	28	2.1
1995	3	0.2	NA	NA	8	0.5	36	2.2
1996	3	0.2	NA	NA	8	0.4	41	2.2
1997	8	0.4	NA	NA	6	0.3	57	2.8
1998	8	0.3	NA	NA	32	1.2	48	1.8
1999	8	0.2	NA	NA	80	2.5	60	1.8
2000	22	0.5	NA	NA	110	2.6	96	2.2
2001	14	0.3	NA	NA	142	2.8	109	2.1
2002	32	0.5	NA	NA	160	2.6	145	2.4
2003	37	0.6	NA	NA	143	2.2	180	2.7
2004	30	0.4	NA	NA	179	2.3	210	2.7
2005	51	0.6	NA	NA	226	2.7	194	2.4
2006	39	0.4	NA	NA	265	2.9	219	2.4
2007	53	0.5	NA	NA	337	3.4	202	2.1
2008	61	0.6	NA	NA	424	4.0	240	2.3
2009	64	0.6	NA	NA	497	4.5	292	2.7
2010	50	0.4	NA	NA	602	5.2	259	2.3
2011	42	0.4	37	0.3	520	4.4	308	2.6
2012	61	0.5	98	0.8	537	4.2	281	2.2
2013	52	0.4	91	0.7	744	5.6	293	2.2
2014	44	0.3	174	1.3	844	6.1	303	2.2
2015	63	0.5	248	1.8	605	4.3	405	2.9
2016	48	0.3	324	2.2	725	5.0	395	2.7

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race. Prior to 2011, these degree recipients were included in the “Unknown” category.

h: U.S. citizens or permanent residents whose race and ethnicity are not known. Prior to 2011, data reported also included degree recipients that were of two or more races.

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

NA: Not available

Table 15

Percent of Postbaccalaureate Doctor of Pharmacy Degree (Pharm.D.2) Recipients 1985–2016  
by Race/Ethnicity

Year	White <sup>a</sup>		Black or African American <sup>b</sup>		Hispanic or Latino <sup>c</sup>		Asian <sup>d</sup>		Native Hawaiian or Other Pacific Islander <sup>e</sup>	
	N	%	N	%	N	%	N	%	N	%
1985	174	77.7	13	5.8	2	0.9	7	3.1	NA	NA
1986	154	73.3	15	7.1	6	2.9	6	2.9	NA	NA
1987	170	80.2	5	2.4	7	3.3	6	2.8	NA	NA
1988	124	78.0	5	3.1	1	0.6	3	1.9	NA	NA
1989	171	77.0	9	4.1	3	1.4	14	6.3	NA	NA
1990	244	80.8	13	4.3	10	3.3	10	3.3	NA	NA
1991	217	80.1	11	4.1	4	1.5	11	4.1	NA	NA
1992	232	81.1	15	5.2	2	0.7	6	2.1	NA	NA
1993	308	77.8	17	4.3	9	2.3	16	4.0	NA	NA
1994	462	80.3	26	4.5	12	2.1	33	5.7	NA	NA
1995	573	81.4	38	5.4	10	1.4	47	6.7	NA	NA
1996	589	80.5	34	4.6	11	1.5	55	7.5	NA	NA
1997	674	78.5	59	6.9	5	0.6	64	7.5	NA	NA
1998	786	77.5	41	4.0	12	1.2	125	12.3	NA	NA
1999	627	68.7	59	6.5	35	3.8	108	11.8	NA	NA
2000	897	70.7	67	5.3	54	4.3	175	13.8	NA	NA
2001	690	70.5	62	6.3	23	2.3	153	15.6	NA	NA
2002	533	68.3	43	5.5	29	3.7	125	16.0	NA	NA
2003	567	63.4	57	6.4	34	3.8	149	16.6	NA	NA
2004	472	62.4	80	10.6	43	5.7	89	11.8	NA	NA
2005	351	52.5	55	8.2	53	7.9	86	12.9	NA	NA
2006	284	55.1	42	8.2	29	5.6	68	13.2	NA	NA
2007	187	39.8	97	20.6	47	10.0	72	15.3	NA	NA
2008	344	54.9	61	9.7	22	3.5	103	16.4	NA	NA
2009	254	48.1	46	8.7	23	4.4	97	18.4	NA	NA
2010	193	36.6	53	10.1	33	6.3	91	17.3	NA	NA
2011	162	39.0	47	11.3	32	7.7	79	19.0	4	1.0
2012	182	41.0	46	10.4	26	5.9	96	21.6	0	0.0
2013	139	40.4	36	10.5	14	4.1	66	19.2	0	0.0
2014	121	35.7	52	15.3	17	5.0	79	23.3	0	0.0
2015	86	31.5	29	10.6	9	3.3	50	18.3	0	0.0
2016	93	28.5	58	17.8	8	2.5	63	19.3	3	0.9

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2011, data reported also included degree recipients that were Native Hawaiians or Other Pacific Islanders.

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2011, these degree recipients were included in the “Asian” category.

Table 15 (continued)

## Percent of Postbaccalaureate Doctor of Pharmacy Degree (Pharm.D.2) Recipients 1985–2016 by Race/Ethnicity

Year	American Indian or Alaska Native <sup>f</sup>		Two or More Races <sup>g</sup>		Unknown <sup>h</sup>		International/Foreign <sup>i</sup>	
	N	%	N	%	N	%	N	%
1985	1	0.4	NA	NA	6	2.7	21	9.4
1986	0	0.0	NA	NA	0	0.0	29	13.8
1987	0	0.0	NA	NA	4	1.9	20	9.4
1988	0	0.0	NA	NA	0	0.0	26	16.4
1989	0	0.0	NA	NA	0	0.0	25	11.3
1990	0	0.0	NA	NA	4	1.3	21	7.0
1991	0	0.0	NA	NA	2	0.7	26	9.6
1992	0	0.0	NA	NA	1	0.3	30	10.5
1993	2	0.5	NA	NA	6	1.5	38	9.6
1994	0	0.0	NA	NA	1	0.2	41	7.1
1995	2	0.3	NA	NA	2	0.3	32	4.5
1996	1	0.1	NA	NA	6	0.8	36	4.9
1997	3	0.4	NA	NA	12	1.4	42	4.9
1998	0	0.0	NA	NA	6	0.6	44	4.3
1999	7	0.8	NA	NA	53	5.8	24	2.6
2000	10	0.8	NA	NA	31	2.4	35	2.8
2001	9	0.9	NA	NA	20	2.0	22	2.2
2002	4	0.5	NA	NA	31	4.0	15	1.9
2003	4	0.4	NA	NA	60	6.7	24	2.7
2004	4	0.5	NA	NA	30	4.0	38	5.0
2005	3	0.4	NA	NA	84	12.6	36	5.4
2006	0	0.0	NA	NA	54	10.5	38	7.4
2007	3	0.6	NA	NA	32	6.8	32	6.8
2008	1	0.2	NA	NA	36	5.7	60	9.6
2009	2	0.4	NA	NA	35	6.6	71	13.4
2010	2	0.4	NA	NA	65	12.3	90	17.1
2011	1	0.2	0	0.0	24	5.8	66	15.9
2012	0	0.0	0	0.0	42	9.5	52	11.7
2013	0	0.0	0	0.0	21	6.1	68	19.8
2014	2	0.6	1	0.3	33	9.7	34	10.0
2015	1	0.4	0	0.0	49	17.9	49	17.9
2016	1	0.3	0	0.0	49	15.0	51	15.6

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race. Prior to 2011, these degree recipients were included in the “Unknown” category.

h: U.S. citizens or permanent residents whose race and ethnicity are not known. Prior to 2011, data reported also included degree recipients that were of two or more races.

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

NA: Not available

Table 16

Percent of Master of Science Degree (M.S.) Recipients 1985–2016  
by Race/Ethnicity

Year	White <sup>a</sup>		Black or African American <sup>b</sup>		Hispanic or Latino <sup>c</sup>		Asian <sup>d</sup>		Native Hawaiian or Other Pacific Islander <sup>e</sup>	
	N	%	N	%	N	%	N	%	N	%
1985	215	63.6	10	3.0	3	0.9	11	3.3	NA	NA
1986	282	68.0	6	1.4	8	1.9	7	1.7	NA	NA
1987	231	66.4	6	1.7	4	1.1	11	3.2	NA	NA
1988	227	64.3	12	3.4	4	1.1	9	2.5	NA	NA
1989	234	59.8	8	2.0	7	1.8	16	4.1	NA	NA
1990	209	54.3	12	3.1	11	2.9	28	7.3	NA	NA
1991	218	59.9	13	3.6	7	1.9	27	7.4	NA	NA
1992	140	49.6	14	5.0	9	3.2	14	5.0	NA	NA
1993	149	49.5	9	3.0	20	6.6	13	4.3	NA	NA
1994	169	47.6	8	2.3	13	3.7	19	5.4	NA	NA
1995	206	52.6	16	4.1	16	4.1	32	8.2	NA	NA
1996	236	55.9	12	2.8	16	3.8	23	5.5	NA	NA
1997	194	48.5	18	4.5	17	4.3	36	9.0	NA	NA
1998	213	50.6	14	3.3	19	4.5	38	9.0	NA	NA
1999	173	45.1	20	5.2	8	2.1	31	8.1	NA	NA
2000	172	48.6	13	3.7	13	3.7	36	10.2	NA	NA
2001	214	46.4	26	5.6	18	3.9	46	10.0	NA	NA
2002	181	40.9	17	3.8	16	3.6	43	9.7	NA	NA
2003	206	43.6	35	7.4	11	2.3	68	14.4	NA	NA
2004	280	43.0	51	7.8	26	4.0	89	13.7	NA	NA
2005	270	43.1	42	6.7	19	3.0	80	12.8	NA	NA
2006	274	42.5	52	8.1	28	4.3	49	7.6	NA	NA
2007	278	46.0	49	8.1	12	2.0	84	13.9	NA	NA
2008	318	43.4	35	4.8	33	4.5	75	10.2	NA	NA
2009	186	24.3	30	3.9	11	1.4	85	11.1	NA	NA
2010	222	28.7	22	2.8	22	2.8	78	10.1	NA	NA
2011	235	28.6	38	4.6	16	1.9	78	9.5	2	0.2
2012	217	31.9	24	3.5	15	2.2	81	11.9	1	0.1
2013	183	27.9	24	3.7	15	2.3	72	11.0	1	0.2
2014	204	26.3	38	4.9	15	1.9	75	9.7	3	0.4
2015	207	28.8	28	3.9	20	2.8	84	11.7	0	0.0
2016	369	36.1	68	6.6	51	5.0	109	10.7	4	0.4

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2011, data reported also included degree recipients that were Native Hawaiians or Other Pacific Islanders.

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2011, these degree recipients were included in the “Asian” category.

Table 16 (continued)  
 Percent of Master of Science Degree (M.S.) Recipients 1985–2016  
 by Race/Ethnicity

Year	American Indian or Alaska Native <sup>f</sup>		Two or More Races <sup>g</sup>		Unknown <sup>h</sup>		International/Foreign <sup>i</sup>	
	N	%	N	%	N	%	N	%
1985	0	0.0	NA	NA	1	0.3	98	29.0
1986	1	0.2	NA	NA	0	0.0	111	26.7
1987	0	0.0	NA	NA	14	4.0	82	23.6
1988	2	0.6	NA	NA	2	0.6	97	27.5
1989	0	0.0	NA	NA	2	0.5	124	31.7
1990	1	0.3	NA	NA	8	2.1	116	30.1
1991	0	0.0	NA	NA	2	0.5	97	26.6
1992	0	0.0	NA	NA	5	1.8	100	35.5
1993	0	0.0	NA	NA	5	1.7	105	34.9
1994	0	0.0	NA	NA	5	1.4	141	39.7
1995	0	0.0	NA	NA	1	0.3	121	30.9
1996	0	0.0	NA	NA	8	1.9	127	30.1
1997	0	0.0	NA	NA	5	1.3	130	32.5
1998	1	0.2	NA	NA	13	3.1	123	29.2
1999	0	0.0	NA	NA	19	4.9	133	34.6
2000	1	0.3	NA	NA	2	0.6	117	33.1
2001	1	0.2	NA	NA	12	2.6	144	31.2
2002	0	0.0	NA	NA	15	3.4	171	38.6
2003	0	0.0	NA	NA	16	3.4	136	28.8
2004	1	0.2	NA	NA	39	6.0	165	25.3
2005	2	0.3	NA	NA	69	11.0	144	23.0
2006	2	0.3	NA	NA	57	8.9	182	28.3
2007	2	0.3	NA	NA	51	8.4	128	21.2
2008	1	0.1	NA	NA	64	8.7	206	28.1
2009	0	0.0	NA	NA	75	9.8	380	49.5
2010	1	0.1	NA	NA	73	9.4	355	45.9
2011	2	0.2	1	0.1	66	8.0	384	46.7
2012	4	0.6	3	0.4	27	4.0	309	45.4
2013	3	0.5	7	1.1	31	4.7	319	48.7
2014	0	0.0	5	0.6	49	6.3	386	49.8
2015	0	0.0	8	1.1	22	3.1	351	48.8
2016	3	0.3	16	1.6	42	4.1	361	35.3

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race. Prior to 2011, these degree recipients were included in the “Unknown” category.

h: U.S. citizens or permanent residents whose race and ethnicity are not known. Prior to 2011, data reported also included degree recipients that were of two or more races.

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

NA: Not available

Table 17

Percent of Doctor of Philosophy Degree (Ph.D.) Recipients 1985–2016  
by Race/Ethnicity

Year	White <sup>a</sup>		Black or African American <sup>b</sup>		Hispanic or Latino <sup>c</sup>		Asian <sup>d</sup>		Native Hawaiian or Other Pacific Islander <sup>e</sup>	
	N	%	N	%	N	%	N	%	N	%
1985	140	60.3	2	0.9	2	0.9	10	4.3	NA	NA
1986	160	61.5	2	0.8	1	0.4	6	2.3	NA	NA
1987	162	57.2	2	0.7	4	1.4	13	4.6	NA	NA
1988	145	55.1	2	0.8	3	1.1	6	2.3	NA	NA
1989	154	53.7	4	1.4	4	1.4	10	3.5	NA	NA
1990	151	55.3	7	2.6	1	0.4	24	8.8	NA	NA
1991	168	53.7	8	2.6	3	1.0	26	8.3	NA	NA
1992	138	43.5	8	2.5	4	1.3	21	6.6	NA	NA
1993	160	46.0	5	1.4	3	0.9	20	5.7	NA	NA
1994	150	46.9	6	1.9	4	1.3	25	7.8	NA	NA
1995	148	42.3	10	2.9	5	1.4	33	9.4	NA	NA
1996	135	44.4	9	3.0	5	1.6	23	7.6	NA	NA
1997	145	40.5	10	2.8	3	0.8	25	7.0	NA	NA
1998	166	40.4	14	3.4	6	1.5	32	7.8	NA	NA
1999	131	36.5	13	3.6	6	1.7	39	10.9	NA	NA
2000	123	38.1	11	3.4	0	0.0	38	11.8	NA	NA
2001	129	34.4	15	4.0	6	1.6	54	14.4	NA	NA
2002	151	40.2	8	2.1	5	1.3	27	7.2	NA	NA
2003	139	36.2	13	3.4	9	2.3	32	8.3	NA	NA
2004	114	34.0	11	3.3	5	1.5	31	9.3	NA	NA
2005	109	25.4	19	4.4	8	1.9	35	8.2	NA	NA
2006	127	28.7	17	3.8	8	1.8	34	7.7	NA	NA
2007	128	31.1	16	3.9	8	1.9	35	8.5	NA	NA
2008	164	35.0	11	2.4	9	1.9	46	9.8	NA	NA
2009	151	33.0	18	3.9	10	2.2	54	11.8	NA	NA
2010	162	36.0	13	2.9	8	1.8	48	10.7	NA	NA
2011	141	29.9	34	7.2	9	1.9	50	10.6	4	0.8
2012	148	29.8	25	5.0	18	3.6	61	12.3	1	0.2
2013	157	26.7	22	3.7	20	3.4	68	11.5	0	0.0
2014	176	31.2	25	4.4	10	1.8	59	10.4	2	0.4
2015	171	30.5	18	3.2	13	2.3	90	16.0	0	0.0
2016	179	32.7	16	2.9	15	2.7	50	9.1	0	0.0

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2011, data reported also included degree recipients that were Native Hawaiians or Other Pacific Islanders.

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2011, these degree recipients were included in the “Asian” category.

Table 17 (continued)  
 Percent of Doctor of Philosophy Degree (Ph.D.) Recipients 1985–2016  
 by Race/Ethnicity

Year	American Indian or Alaska Native <sup>f</sup>		Two or More Races <sup>g</sup>		Unknown <sup>h</sup>		International/Foreign <sup>i</sup>	
	N	%	N	%	N	%	N	%
1985	1	0.4	NA	NA	0	0.0	77	33.2
1986	0	0.0	NA	NA	0	0.0	91	35.0
1987	0	0.0	NA	NA	8	2.8	94	33.2
1988	0	0.0	NA	NA	2	0.8	105	39.9
1989	0	0.0	NA	NA	6	2.1	109	38.0
1990	0	0.0	NA	NA	8	2.9	82	30.0
1991	0	0.0	NA	NA	5	1.6	103	32.9
1992	0	0.0	NA	NA	4	1.3	142	44.8
1993	1	0.3	NA	NA	0	0.0	159	45.7
1994	0	0.0	NA	NA	2	0.6	133	41.6
1995	2	0.6	NA	NA	4	1.1	148	42.3
1996	0	0.0	NA	NA	3	1.0	129	42.4
1997	0	0.0	NA	NA	7	2.0	168	46.9
1998	2	0.5	NA	NA	4	1.0	187	45.5
1999	0	0.0	NA	NA	15	4.2	155	43.2
2000	0	0.0	NA	NA	20	6.2	131	40.6
2001	0	0.0	NA	NA	4	1.1	167	44.5
2002	2	0.5	NA	NA	7	1.9	176	46.8
2003	0	0.0	NA	NA	5	1.3	186	48.4
2004	0	0.0	NA	NA	4	1.2	170	50.7
2005	2	0.5	NA	NA	6	1.4	250	58.3
2006	0	0.0	NA	NA	2	0.5	254	57.5
2007	0	0.0	NA	NA	5	1.2	220	53.4
2008	2	0.4	NA	NA	15	3.2	221	47.2
2009	0	0.0	NA	NA	14	3.1	211	46.1
2010	1	0.2	NA	NA	18	4.0	200	44.4
2011	0	0.0	5	1.1	16	3.4	212	45.0
2012	2	0.4	2	0.4	30	6.0	210	42.3
2013	1	0.2	9	1.5	20	3.4	292	49.6
2014	1	0.2	3	0.5	15	2.7	274	48.5
2015	1	0.2	2	0.4	10	1.8	256	45.6
2016	1	0.2	5	0.9	15	2.7	266	48.6

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race. Prior to 2011, these degree recipients were included in the “Unknown” category.

h: U.S. citizens or permanent residents whose race and ethnicity are not known. Prior to 2011, data reported also included degree recipients that were of two or more races.

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

NA: Not available



Table 18

Recipients of the Doctor of Pharmacy Degree Conferred as the First Professional Degree (Pharm.D.1) 1985–2016  
by Residency/Citizenship

Year	Total	U.S. Citizen/Permanent Resident		Foreign/Nonpermanent Resident	
	N	N	%	N	%
1985	588	559	95.1	29	4.9
1986	610	565	92.6	45	7.4
1987	690	650	94.2	40	5.8
1988	813	776	95.4	37	4.6
1989	839	810	96.5	29	3.5
1990	946	913	96.5	33	3.5
1991	1,195	1,172	98.1	23	1.9
1992	1,216	1,187	97.6	29	2.4
1993	1,349	1,320	97.9	29	2.1
1994	1,359	1,331	97.9	28	2.1
1995	1,619	1,583	97.8	36	2.2
1996	1,835	1,794	97.8	41	2.2
1997	2,004	1,947	97.2	57	2.8
1998	2,632	2,584	98.2	48	1.8
1999	3,265	3,205	98.2	60	1.8
2000	4,304	4,208	97.8	96	2.2
2001	5,086	4,977	97.9	109	2.1
2002	6,158	6,013	97.6	145	2.4
2003	6,649	6,469	97.3	180	2.7
2004	7,770	7,560	97.3	210	2.7
2005	8,242	8,048	97.6	194	2.4
2006	9,040	8,821	97.6	219	2.4
2007	9,812	9,610	98.0	202	2.0
2008	10,500	10,260	97.7	240	2.3
2009	10,988	10,696	97.3	292	2.7
2010	11,487	11,228	97.7	259	2.3
2011	11,931	11,623	97.4	308	2.6
2012	12,719	12,438	97.8	281	2.2
2013	13,207	12,914	97.8	293	2.2
2014	13,838	13,535	97.8	303	2.2
2015	13,994	13,589	97.1	405	2.9
2016	14,556	14,161	97.3	395	2.7

Table 19

Postbaccalaureate Doctor of Pharmacy Degree (Pharm.D.2) Recipients 1985–2016  
by Residency/Citizenship

Year	Total	U.S. Citizen/Permanent Resident		Foreign/Nonpermanent Resident	
	N	N	%	N	%
1985	224	203	90.6	21	9.4
1986	210	181	86.2	29	13.8
1987	212	192	90.6	20	9.4
1988	159	133	83.6	26	16.4
1989	222	197	88.7	25	11.3
1990	302	281	93.0	21	7.0
1991	271	245	90.4	26	9.6
1992	286	256	89.5	30	10.5
1993	396	358	90.4	38	9.6
1994	575	534	92.9	41	7.1
1995	704	672	95.5	32	4.5
1996	732	696	95.1	36	4.9
1997	859	817	95.1	42	4.9
1998	1,014	970	95.7	44	4.3
1999	913	889	97.4	24	2.6
2000	1,269	1,234	97.2	35	2.8
2001	979	957	97.8	22	2.2
2002	780	765	98.1	15	1.9
2003	895	871	97.3	24	2.7
2004	756	718	95.0	38	5.0
2005	668	632	94.6	36	5.4
2006	515	477	92.6	38	7.4
2007	470	438	93.2	32	6.8
2008	627	567	90.4	60	9.6
2009	528	457	86.6	71	13.4
2010	527	437	82.9	90	17.1
2011	415	349	84.1	66	15.9
2012	444	392	88.3	52	11.7
2013	344	276	80.2	68	19.8
2014	339	305	90.0	34	10.0
2015	273	224	82.1	49	17.9
2016	326	275	84.4	51	15.6

Table 20

Master of Science Degree (M.S.) Recipients 1985–2016  
by Residency/Citizenship

Year	Total	U.S. Citizen/Permanent Resident		Foreign/Nonpermanent Resident	
	N	N	%	N	%
1985	338	240	71.0	98	29.0
1986	415	304	73.3	111	26.7
1987	348	266	76.4	82	23.6
1988	353	256	72.5	97	27.5
1989	391	267	68.3	124	31.7
1990	385	269	69.9	116	30.1
1991	364	267	73.4	97	26.6
1992	282	182	64.5	100	35.5
1993	301	196	65.1	105	34.9
1994	355	214	60.3	141	39.7
1995	392	271	69.1	121	30.9
1996	422	295	69.9	127	30.1
1997	400	270	67.5	130	32.5
1998	421	298	70.8	123	29.2
1999	384	251	65.4	133	34.6
2000	354	237	67.0	117	33.0
2001	461	317	68.8	144	31.2
2002	443	272	61.4	171	38.6
2003	472	336	71.2	136	28.8
2004	651	486	74.7	165	25.3
2005	626	482	77.0	144	23.0
2006	644	462	71.7	182	28.3
2007	604	476	78.8	128	21.2
2008	732	526	71.9	206	28.1
2009	767	387	50.5	380	49.5
2010	773	418	54.1	355	45.9
2011	822	438	53.3	384	46.7
2012	681	372	54.6	309	45.4
2013	655	336	51.3	319	48.7
2014	775	389	50.2	386	49.8
2015	720	369	51.3	351	48.8
2016	1,023	662	64.7	361	35.3

Table 21  
 Doctor of Philosophy Degree (Ph.D.) Recipients 1985–2016  
 by Residency/Citizenship

Year	Total	U.S. Citizen/Permanent Resident		Foreign/Nonpermanent Resident	
	N	N	%	N	%
1985	232	155	66.8	77	33.2
1986	260	169	65.0	91	35.0
1987	283	189	66.8	94	33.2
1988	263	158	60.1	105	39.9
1989	287	178	62.0	109	38.0
1990	273	191	70.0	82	30.0
1991	313	210	67.1	103	32.9
1992	317	175	55.2	142	44.8
1993	348	189	54.3	159	45.7
1994	320	187	58.4	133	41.6
1995	350	202	57.7	148	42.3
1996	304	175	57.6	129	42.4
1997	358	190	53.1	168	46.9
1998	411	224	54.5	187	45.5
1999	359	204	56.8	155	43.2
2000	323	192	59.4	131	40.6
2001	375	208	55.5	167	44.5
2002	376	200	53.2	176	46.8
2003	384	198	51.6	186	48.4
2004	335	165	49.3	170	50.7
2005	429	179	41.7	250	58.3
2006	442	188	42.5	254	57.5
2007	412	192	46.6	220	53.4
2008	468	247	52.8	221	47.2
2009	458	247	53.9	211	46.1
2010	450	250	55.6	200	44.4
2011	471	259	55.0	212	45.0
2012	497	287	57.7	210	42.3
2013	589	297	50.4	292	49.6
2014	565	291	51.5	274	48.5
2015	561	305	54.4	256	45.6
2016	547	281	51.4	266	48.6

Table 22

Number of Degrees Conferred 2015–16  
by School, Degree, and Gender

College	Pharm.D.1 <sup>a</sup>			Pharm.D.2 <sup>b</sup>			M.S.			Ph.D.			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	40	92	132	0	0	0	3	3	6	4	2	6	47	97	144
Samford	45	62	107	0	0	0	0	0	0	0	0	0	45	62	107
Midwestern/Glendale	61	85	146	0	0	0	0	0	0	0	0	0	61	85	146
Arizona	41	56	97	0	0	0	1	0	1	6	6	12	48	62	110
Harding	30	33	63	0	0	0	0	0	0	0	0	0	30	33	63
Arkansas	41	73	114	0	0	0	0	0	0	0	0	0	41	73	114
California Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
California Northstate	34	61	95	0	0	0	0	0	0	0	0	0	34	61	95
Chapman	0	0	0	0	0	0	2	1	3	0	0	0	2	1	3
Keck (KGI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Loma Linda	22	55	77	0	0	0	0	0	0	0	0	0	22	55	77
Marshall B. Ketchum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Touro-CA	41	66	107	0	0	0	5	11	16	0	0	0	46	77	123
California-San Diego	19	37	56	0	0	0	0	0	0	0	0	0	19	37	56
California-San Francisco	36	84	120	0	0	0	3	4	7	21	11	32	60	99	159
Pacific-CA	70	120	190	0	0	0	6	1	7	2	0	2	78	121	199
Southern California	61	114	175	0	0	0	6	9	15	5	7	12	72	130	202
West Coast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Western	35	79	114	9	9	18	4	7	11	0	0	0	48	95	143
Regis	34	49	83	0	0	0	0	0	0	0	0	0	34	49	83
Colorado	70	79	149	30	33	63	0	0	0	23	18	41	123	130	253
Saint Joseph	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Connecticut	45	54	99	0	0	0	1	0	1	3	1	4	49	55	104
Howard	29	33	62	19	16	35	0	0	0	1	1	2	49	50	99
Florida A&M	39	106	145	0	0	0	0	0	0	1	1	2	40	107	147
Larkin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern	77	150	227	0	0	0	0	0	0	3	0	3	80	150	230
Palm Beach Atlantic	35	44	79	0	0	0	0	0	0	0	0	0	35	44	79
Florida	106	158	264	26	84	110	85	154	239	9	9	18	226	405	631
South Florida	24	30	54	0	0	0	0	0	0	0	0	0	24	30	54
Mercer	54	90	144	0	0	0	0	0	0	2	1	3	56	91	147
PCOM-GA	43	56	99	0	0	0	0	0	0	0	0	0	43	56	99
South-GA	34	87	121	0	0	0	0	0	0	0	0	0	34	87	121
Georgia	42	101	143	0	0	0	1	5	6	4	2	6	47	108	155
Hawaii-Hilo	42	43	85	0	0	0	0	0	0	0	2	2	42	45	87
Idaho State	43	32	75	6	7	13	0	0	0	0	0	0	49	39	88
Chicago State	37	48	85	0	0	0	0	0	0	0	0	0	37	48	85
Midwestern/Downers Grove	71	136	207	0	0	0	0	0	0	0	0	0	71	136	207
Roosevelt	24	40	64	0	0	0	0	0	0	0	0	0	24	40	64
Rosalind Franklin	26	36	62	0	0	0	0	0	0	0	0	0	26	36	62
Southern Illinois-Edwardsville	32	48	80	0	0	0	0	0	0	0	0	0	32	48	80
Illinois at Chicago	81	123	204	0	0	0	1	5	6	7	11	18	89	139	228
Butler	34	71	105	0	0	0	0	0	0	0	0	0	34	71	105
Manchester	24	26	50	0	0	0	0	0	0	0	0	0	24	26	50
Purdue	44	92	136	0	0	0	2	5	7	13	7	20	59	104	163
Drake	43	64	107	0	0	0	0	0	0	0	0	0	43	64	107
Iowa	38	69	107	0	0	0	4	1	5	11	4	15	53	74	127

Table 22 (continued)  
 Number of Degrees Conferred 2015–16  
 by School, Degree, and Gender

College	Pharm.D.1 <sup>a</sup>			Pharm.D.2 <sup>b</sup>			M.S.			Ph.D.			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Kansas	60	98	158	0	0	0	15	9	24	9	3	12	84	110	194
Sullivan	37	53	90	0	0	0	0	0	0	0	0	0	37	53	90
Kentucky	50	76	126	0	0	0	3	6	9	3	3	6	56	85	141
Louisiana at Monroe	35	63	98	0	0	0	0	0	0	7	1	8	42	64	106
Xavier	42	96	138	0	0	0	0	0	0	0	0	0	42	96	138
Husson	26	29	55	0	0	0	0	0	0	0	0	0	26	29	55
New England	48	40	88	0	0	0	0	0	0	0	0	0	48	40	88
Notre Dame	16	48	64	0	0	0	0	0	0	0	0	0	16	48	64
Maryland	49	102	151	0	0	0	21	57	78	4	5	9	74	164	238
Maryland Eastern Shore	24	27	51	0	0	0	0	0	0	0	0	0	24	27	51
MCPHS-Boston	125	209	334	3	21	24	29	24	53	3	2	5	160	256	416
MCPHS-Worcester	111	166	277	0	0	0	0	0	0	0	0	0	111	166	277
Northeastern	37	93	130	0	0	0	24	31	55	2	3	5	63	127	190
Western New England	29	37	66	0	0	0	0	0	0	0	0	0	29	37	66
Ferris State	66	82	148	0	0	0	0	0	0	0	0	0	66	82	148
Michigan	27	49	76	0	0	0	0	0	0	5	8	13	32	57	89
Wayne State	35	59	94	0	0	0	6	5	11	2	1	3	43	65	108
Minnesota	65	90	155	0	0	0	2	2	4	11	8	19	78	100	178
Mississippi	29	61	90	0	0	0	2	1	3	16	7	23	47	69	116
St. Louis	88	124	212	0	0	0	0	0	0	0	0	0	88	124	212
Missouri-Kansas City	53	67	120	0	0	0	0	0	0	2	4	6	55	71	126
Montana	29	35	64	0	0	0	0	0	0	3	1	4	32	36	68
Creighton	68	115	183	0	0	0	3	3	6	0	0	0	71	118	189
Nebraska	23	39	62	0	0	0	0	0	0	2	3	5	25	42	67
Roseman	99	137	236	0	0	0	0	0	0	0	0	0	99	137	236
Fairleigh Dickinson	22	46	68	0	0	0	0	0	0	0	0	0	22	46	68
Rutgers	74	116	190	0	0	0	2	3	5	4	9	13	80	128	208
New Mexico	29	53	82	0	0	0	0	2	2	3	4	7	32	59	91
D'Youville	41	25	66	0	0	0	0	0	0	0	0	0	41	25	66
A&M Schwartz	83	100	183	0	0	0	40	55	95	6	3	9	129	158	287
St. John Fisher	34	43	77	0	0	0	0	0	0	0	0	0	34	43	77
St. John's	132	185	317	0	0	0	10	13	23	12	7	19	154	205	359
Touro-NY	29	69	98	0	0	0	0	0	0	0	0	0	29	69	98
New York at Buffalo	43	65	108	0	0	0	6	5	11	2	3	5	51	73	124
Albany	80	127	207	0	0	0	2	2	4	0	0	0	82	129	211
Campbell	39	71	110	0	1	1	16	24	40	0	0	0	55	96	151
High Point	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	60	111	171	0	0	0	4	6	10	11	4	15	75	121	196
Wingate	42	60	102	0	0	0	0	0	0	0	0	0	42	60	102
North Dakota State	38	46	84	0	0	0	0	0	0	1	2	3	39	48	87
Cedarville	16	28	44	0	0	0	0	0	0	0	0	0	16	28	44
Northeast Ohio	21	46	67	0	0	0	0	0	0	0	0	0	21	46	67
Ohio Northern	58	98	156	0	0	0	0	0	0	0	0	0	58	98	156
Ohio State	46	71	117	0	0	0	6	4	10	4	4	8	56	79	135
Cincinnati	30	68	98	0	0	0	4	10	14	3	4	7	37	82	119
Findlay	23	40	63	0	0	0	0	0	0	0	0	0	23	40	63
Toledo	37	55	92	0	0	0	14	7	21	2	0	2	53	62	115

Table 22 (continued)

Number of Degrees Conferred 2015–16  
by School, Degree, and Gender

College	Pharm.D.1 <sup>a</sup>			Pharm.D.2 <sup>b</sup>			M.S.			Ph.D.			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Southwestern Oklahoma	48	42	90	0	0	0	0	0	0	0	0	0	48	42	90
Oklahoma	46	60	106	0	0	0	0	0	0	3	0	3	49	60	109
Oregon State	37	55	92	0	0	0	1	1	2	1	1	2	39	57	96
Pacific-OR	36	59	95	0	0	0	0	0	0	0	0	0	36	59	95
Duquesne	82	114	196	0	0	0	0	1	1	1	3	4	83	118	201
LECOM	104	150	254	0	0	0	0	0	0	0	0	0	104	150	254
Philadelphia	68	118	186	0	0	0	21	10	31	0	1	1	89	129	218
Temple	74	76	150	0	0	0	30	73	103	1	1	2	105	150	255
Thomas Jefferson	28	24	52	0	0	0	0	0	0	0	0	0	28	24	52
Pittsburgh	42	66	108	0	0	0	3	4	7	3	2	5	48	72	120
Wilkes	32	42	74	0	0	0	0	0	0	0	0	0	32	42	74
Puerto Rico	13	32	45	0	0	0	0	5	5	0	0	0	13	37	50
Rhode Island	42	79	121	0	0	0	3	2	5	1	4	5	46	85	131
Presbyterian	16	55	71	0	0	0	0	0	0	0	0	0	16	55	71
South Carolina COP	54	119	173	0	0	0	0	0	0	2	4	6	56	123	179
South Dakota State	24	52	76	0	0	0	0	0	0	3	0	3	27	52	79
Belmont	30	42	72	0	0	0	0	0	0	0	0	0	30	42	72
East Tennessee State	32	44	76	0	0	0	0	0	0	0	0	0	32	44	76
Lipscomb	28	40	68	0	0	0	0	0	0	0	0	0	28	40	68
South-TN	33	45	78	0	0	0	0	0	0	0	0	0	33	45	78
Union	22	28	50	0	0	0	0	0	0	0	0	0	22	28	50
Tennessee	64	88	152	0	0	0	10	7	17	6	3	9	80	98	178
Texas A&M	35	43	78	0	0	0	0	0	0	0	0	0	35	43	78
Texas Southern	33	53	86	0	0	0	0	0	0	1	3	4	34	56	90
Texas Tech	70	87	157	0	0	0	0	0	0	5	2	7	75	89	164
Houston	36	63	99	0	0	0	3	3	6	8	3	11	47	69	116
Incarnate Word	29	61	90	0	0	0	0	0	0	0	0	0	29	61	90
North Texas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin	41	75	116	0	0	0	2	7	9	8	17	25	51	99	150
Texas at Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah	32	28	60	0	0	0	0	1	1	5	7	12	37	36	73
Hampton	18	49	67	0	0	0	0	0	0	0	0	0	18	49	67
Shenandoah	36	72	108	27	35	62	0	0	0	0	0	0	63	107	170
Appalachian	22	43	65	0	0	0	0	0	0	0	0	0	22	43	65
Virginia Commonwealth	37	95	132	0	0	0	0	3	3	1	8	9	38	106	144
Washington	30	67	97	0	0	0	2	17	19	5	5	10	37	89	126
Washington State	52	63	115	0	0	0	0	0	0	1	2	3	53	65	118
Marshall	28	46	74	0	0	0	0	0	0	0	0	0	28	46	74
Charleston	39	27	66	0	0	0	0	0	0	0	0	0	39	27	66
West Virginia	33	57	90	0	0	0	0	0	0	5	6	11	38	63	101
Concordia	32	40	72	0	0	0	0	0	0	0	0	0	32	40	72
Wisconsin-Madison	59	73	132	0	0	0	3	3	6	5	6	11	67	82	149
Wyoming	20	20	40	0	0	0	0	0	0	0	0	0	20	20	40
Lebanese American	3	29	32	0	0	0	0	0	0	0	0	0	3	29	32
<b>Total</b>	<b>5,635</b>	<b>8,921</b>	<b>14,556</b>	<b>120</b>	<b>206</b>	<b>326</b>	<b>411</b>	<b>612</b>	<b>1,023</b>	<b>297</b>	<b>250</b>	<b>547</b>	<b>6,463</b>	<b>9,989</b>	<b>16,452</b>

a: Pharm.D.1 refers to the Doctor of Pharmacy degree awarded as the first professional degree; b: Pharm.D.2 refers to the Doctor of Pharmacy degree awarded as a post-baccalaureate degree; NR: Not reported

Table 23

Number of Degrees Conferred 2015–16 by State<sup>a</sup>, Degree, and Gender

State	Pharm.D.1 <sup>b</sup>			Pharm.D.2 <sup>c</sup>			M.S.			Ph.D.			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Alabama	85	154	239	0	0	0	3	3	6	4	2	6	92	159	251
Arizona	102	141	243	0	0	0	1	0	1	6	6	12	109	147	256
Arkansas	71	106	177	0	0	0	0	0	0	0	0	0	71	106	177
California	318	616	934	9	9	18	26	33	59	28	18	46	381	676	1,057
Colorado	104	128	232	30	33	63	0	0	0	23	18	41	157	179	336
Connecticut	45	54	99	0	0	0	1	0	1	3	1	4	49	55	104
District of Columbia	29	33	62	19	16	35	0	0	0	1	1	2	49	50	99
Florida	281	488	769	26	84	110	85	154	239	13	10	23	405	736	1,141
Georgia	173	334	507	0	0	0	1	5	6	6	3	9	180	342	522
Hawaii	42	43	85	0	0	0	0	0	0	0	2	2	42	45	87
Idaho	43	32	75	6	7	13	0	0	0	0	0	0	49	39	88
Illinois	271	431	702	0	0	0	1	5	6	7	11	18	279	447	726
Indiana	102	189	291	0	0	0	2	5	7	13	7	20	117	201	318
Iowa	81	133	214	0	0	0	4	1	5	11	4	15	96	138	234
Kansas	60	98	158	0	0	0	15	9	24	9	3	12	84	110	194
Kentucky	87	129	216	0	0	0	3	6	9	3	3	6	93	138	231
Louisiana	77	159	236	0	0	0	0	0	0	7	1	8	84	160	244
Maine	74	69	143	0	0	0	0	0	0	0	0	0	74	69	143
Maryland	89	177	266	0	0	0	21	57	78	4	5	9	114	239	353
Massachusetts	302	505	807	3	21	24	53	55	108	5	5	10	363	586	949
Michigan	128	190	318	0	0	0	6	5	11	7	9	16	141	204	345
Minnesota	65	90	155	0	0	0	2	2	4	11	8	19	78	100	178
Mississippi	29	61	90	0	0	0	2	1	3	16	7	23	47	69	116
Missouri	141	191	332	0	0	0	0	0	0	2	4	6	143	195	338
Montana	29	35	64	0	0	0	0	0	0	3	1	4	32	36	68
Nebraska	91	154	245	0	0	0	3	3	6	2	3	5	96	160	256
Nevada	99	137	236	0	0	0	0	0	0	0	0	0	99	137	236
New Jersey	96	162	258	0	0	0	2	3	5	4	9	13	102	174	276
New Mexico	29	53	82	0	0	0	0	2	2	3	4	7	32	59	91
New York	442	614	1,056	0	0	0	58	75	133	20	13	33	520	702	1,222
North Carolina	141	242	383	0	1	1	20	30	50	11	4	15	172	277	449
North Dakota	38	46	84	0	0	0	0	0	0	1	2	3	39	48	87
Ohio	231	406	637	0	0	0	24	21	45	9	8	17	264	435	699
Oklahoma	94	102	196	0	0	0	0	0	0	3	0	3	97	102	199
Oregon	73	114	187	0	0	0	1	1	2	1	1	2	75	116	191
Pennsylvania	430	590	1,020	0	0	0	54	88	142	5	7	12	489	685	1,174
Puerto Rico	13	32	45	0	0	0	0	5	5	0	0	0	13	37	50
Rhode Island	42	79	121	0	0	0	3	2	5	1	4	5	46	85	131
South Carolina	70	174	244	0	0	0	0	0	0	2	4	6	72	178	250
South Dakota	24	52	76	0	0	0	0	0	0	3	0	3	27	52	79
Tennessee	209	287	496	0	0	0	10	7	17	6	3	9	225	297	522
Texas	244	382	626	0	0	0	5	10	15	22	25	47	271	417	688
Utah	32	28	60	0	0	0	0	1	1	5	7	12	37	36	73
Virginia	113	259	372	27	35	62	0	3	3	1	8	9	141	305	446
Washington	82	130	212	0	0	0	2	17	19	6	7	13	90	154	244
West Virginia	100	130	230	0	0	0	0	0	0	5	6	11	105	136	241
Wisconsin	91	113	204	0	0	0	3	3	6	5	6	11	99	122	221
Wyoming	20	20	40	0	0	0	0	0	0	0	0	0	20	20	40
Lebanon	3	29	32	0	0	0	0	0	0	0	0	0	3	29	32
<b>Total</b>	<b>5,635</b>	<b>8,921</b>	<b>14,556</b>	<b>120</b>	<b>206</b>	<b>326</b>	<b>411</b>	<b>612</b>	<b>1,023</b>	<b>297</b>	<b>250</b>	<b>547</b>	<b>6,463</b>	<b>9,989</b>	<b>16,452</b>

a: Degrees conferred are reported by the state in which the school's main campus is located.; b: Pharm.D.1 refers to the Doctor of Pharmacy degree awarded as the first professional degree; c: Pharm.D.2 refers to the Doctor of Pharmacy degree awarded as a postbaccalaureate degree



Table 24

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	35	73	108	2	12	14	0	0	0	2	7	9	0	0	0
Samford	39	52	91	4	7	11	0	0	0	1	2	3	0	0	0
Midwestern/Glendale	43	38	81	1	3	4	2	5	7	14	35	49	1	0	1
Arizona	26	26	52	1	1	2	3	3	6	11	23	34	0	0	0
Harding	18	22	40	4	4	8	0	1	1	6	6	12	1	0	1
Arkansas	34	63	97	2	4	6	1	0	1	2	2	4	0	0	0
California Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
California Northstate	5	18	23	2	3	5	1	3	4	23	35	58	1	0	1
Chapman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Keck (KGI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Loma Linda	7	19	26	2	3	5	0	1	1	13	29	42	0	0	0
Marshall B. Ketchum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Touro-CA	6	9	15	0	1	1	0	0	0	26	48	74	1	0	1
California-San Diego	7	14	21	0	1	1	1	0	1	11	22	33	0	0	0
California-San Francisco	3	10	13	1	5	6	3	3	6	23	54	77	0	0	0
Pacific-CA	13	19	32	0	1	1	1	3	4	46	85	131	0	0	0
Southern California	18	35	53	1	2	3	4	1	5	35	74	109	3	2	5
West Coast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Western	6	24	30	2	1	3	3	2	5	20	42	62	0	0	0
Regis	12	27	39	3	2	5	3	3	6	9	11	20	0	0	0
Colorado	36	49	85	4	2	6	7	8	15	19	18	37	0	0	0
Saint Joseph	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Connecticut	35	38	73	1	2	3	0	2	2	6	6	12	0	0	0
Howard	2	2	4	16	21	37	0	0	0	9	10	19	0	0	0
Florida A&M	18	19	37	19	77	96	2	6	8	0	2	2	0	0	0
Larkin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern	16	27	43	11	10	21	24	65	89	16	32	48	0	0	0
Palm Beach Atlantic	21	20	41	1	7	8	5	8	13	5	5	10	1	0	1
Florida	56	88	144	5	9	14	23	21	44	17	34	51	0	0	0
South Florida	11	18	29	1	5	6	2	5	7	6	2	8	1	0	1
Mercer	21	37	58	12	18	30	0	1	1	13	19	32	0	0	0
PCOM-GA	13	18	31	9	11	20	0	0	0	3	1	4	0	0	0
South-GA	26	69	95	3	9	12	0	0	0	2	7	9	0	0	0
Georgia	29	63	92	2	6	8	0	1	1	7	29	36	0	0	0

Table 24 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	1	0	1	0	0	0	0	0	0	0	0	0	40	92	132
Samford	0	0	0	0	0	0	0	0	0	1	1	2	45	62	107
Midwestern/Glendale	0	0	0	0	3	3	0	0	0	0	1	1	61	85	146
Arizona	0	1	1	0	0	0	0	2	2	0	0	0	41	56	97
Harding	0	0	0	0	0	0	0	0	0	1	0	1	30	33	63
Arkansas	0	0	0	2	4	6	0	0	0	0	0	0	41	73	114
California Health Sciences	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
California Northstate	0	0	0	0	0	0	2	2	4	0	0	0	34	61	95
Chapman	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Keck (KGI)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Loma Linda	0	0	0	0	1	1	0	0	0	0	2	2	22	55	77
Marshall B. Ketchum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Touro-CA	0	0	0	3	3	6	5	5	10	0	0	0	41	66	107
California-San Diego	0	0	0	0	0	0	0	0	0	0	0	0	19	37	56
California-San Francisco	0	0	0	4	5	9	2	6	8	0	1	1	36	84	120
Pacific-CA	0	0	0	4	4	8	4	7	11	2	1	3	70	120	190
Southern California	0	0	0	0	0	0	0	0	0	0	0	0	61	114	175
West Coast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Western	0	0	0	4	5	9	0	5	5	0	0	0	35	79	114
Regis	0	0	0	2	3	5	5	3	8	0	0	0	34	49	83
Colorado	1	0	1	1	1	2	1	1	2	1	0	1	70	79	149
Saint Joseph	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Connecticut	0	0	0	0	1	1	3	4	7	0	1	1	45	54	99
Howard	0	0	0	0	0	0	0	0	0	2	0	2	29	33	62
Florida A&M	0	1	1	0	0	0	0	1	1	0	0	0	39	106	145
Larkin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern	0	0	0	0	0	0	3	7	10	7	9	16	77	150	227
Palm Beach Atlantic	1	0	1	1	2	3	0	0	0	0	2	2	35	44	79
Florida	0	0	0	0	0	0	5	6	11	0	0	0	106	158	264
South Florida	0	0	0	0	0	0	3	0	3	0	0	0	24	30	54
Mercer	1	0	1	2	5	7	3	7	10	2	3	5	54	90	144
PCOM-GA	0	0	0	16	17	33	0	4	4	2	5	7	43	56	99
South-GA	0	0	0	1	0	1	2	2	4	0	0	0	34	87	121
Georgia	0	0	0	4	0	4	0	2	2	0	0	0	42	101	143

Table 24 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Hawaii-Hilo	6	6	12	2	2	4	0	1	1	26	28	54	5	5	10
Idaho State	38	23	61	2	2	4	0	1	1	1	3	4	0	0	0
Chicago State	9	12	21	10	20	30	3	1	4	10	11	21	0	0	0
Midwestern/Downers Grove	28	56	84	3	2	5	4	2	6	26	58	84	0	1	1
Roosevelt	12	23	35	0	1	1	1	2	3	11	14	25	0	0	0
Rosalind Franklin	10	21	31	3	2	5	2	0	2	8	10	18	0	0	0
Southern Illinois-Edwardsville	23	41	64	1	2	3	3	2	5	3	3	6	0	0	0
Illinois at Chicago	29	62	91	5	3	8	7	4	11	34	45	79	0	1	1
Butler	29	60	89	0	0	0	0	1	1	2	3	5	0	0	0
Manchester	13	14	27	5	1	6	0	0	0	6	11	17	0	0	0
Purdue	32	61	93	0	1	1	0	3	3	9	19	28	0	0	0
Drake	34	58	92	2	0	2	1	0	1	6	5	11	0	0	0
Iowa	28	52	80	0	4	4	1	2	3	5	5	10	0	0	0
Kansas	45	77	122	2	1	3	1	5	6	11	12	23	0	0	0
Sullivan	23	34	57	3	2	5	0	0	0	10	17	27	0	0	0
Kentucky	36	53	89	1	3	4	2	2	4	8	6	14	0	0	0
Louisiana at Monroe	28	43	71	2	8	10	0	1	1	4	8	12	0	0	0
Xavier	6	17	23	14	36	50	0	1	1	17	29	46	0	0	0
Husson	11	20	31	8	4	12	0	0	0	4	5	9	0	0	0
New England	34	17	51	1	3	4	0	0	0	10	11	21	1	0	1
Notre Dame	4	19	23	2	10	12	1	1	2	8	14	22	0	0	0
Maryland	12	30	42	11	11	22	1	1	2	22	52	74	0	0	0
Maryland Eastern Shore	4	15	19	12	9	21	0	1	1	8	2	10	0	0	0
MCPHS-Boston	47	83	130	1	4	5	2	1	3	42	67	109	0	0	0
MCPHS-Worcester	26	31	57	8	17	25	0	1	1	21	39	60	0	0	0
Northeastern	12	38	50	0	3	3	1	3	4	19	35	54	0	0	0
Western New England	17	25	42	6	1	7	0	1	1	6	8	14	0	0	0
Ferris State	55	70	125	1	0	1	1	2	3	0	2	2	0	0	0
Michigan	13	22	35	2	0	2	0	3	3	8	15	23	0	0	0
Wayne State	15	26	41	0	1	1	0	0	0	7	9	16	0	0	0
Minnesota	37	52	89	4	1	5	1	1	2	10	19	29	0	0	0
Mississippi	23	44	67	0	6	6	1	3	4	3	8	11	1	0	1
St. Louis	54	76	130	2	6	8	3	1	4	21	29	50	0	0	0
Missouri-Kansas City	40	55	95	2	2	4	4	1	5	5	8	13	0	0	0

Table 24 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Hawaii-Hilo	0	0	0	2	1	3	1	0	1	0	0	0	42	43	85
Idaho State	0	0	0	1	0	1	1	3	4	0	0	0	43	32	75
Chicago State	0	0	0	0	0	0	2	2	4	3	2	5	37	48	85
Midwestern/Downers Grove	0	1	1	0	0	0	5	15	20	5	1	6	71	136	207
Roosevelt	0	0	0	0	0	0	0	0	0	0	0	0	24	40	64
Rosalind Franklin	0	0	0	0	1	1	2	1	3	1	1	2	26	36	62
Southern Illinois-Edwardsville	0	0	0	1	0	1	1	0	1	0	0	0	32	48	80
Illinois at Chicago	0	0	0	4	3	7	0	2	2	2	3	5	81	123	204
Butler	0	1	1	0	0	0	2	4	6	1	2	3	34	71	105
Manchester	0	0	0	0	0	0	0	0	0	0	0	0	24	26	50
Purdue	0	1	1	1	4	5	1	0	1	1	3	4	44	92	136
Drake	0	0	0	0	0	0	0	1	1	0	0	0	43	64	107
Iowa	0	1	1	0	0	0	4	3	7	0	2	2	38	69	107
Kansas	0	0	0	1	2	3	0	0	0	0	1	1	60	98	158
Sullivan	0	0	0	0	0	0	1	0	1	0	0	0	37	53	90
Kentucky	0	0	0	0	2	2	3	7	10	0	3	3	50	76	126
Louisiana at Monroe	0	0	0	0	1	1	1	2	3	0	0	0	35	63	98
Xavier	0	0	0	2	4	6	0	3	3	3	6	9	42	96	138
Husson	0	0	0	0	0	0	0	0	0	3	0	3	26	29	55
New England	0	0	0	0	0	0	1	9	10	1	0	1	48	40	88
Notre Dame	0	0	0	0	0	0	0	3	3	1	1	2	16	48	64
Maryland	0	0	0	0	2	2	1	1	2	2	5	7	49	102	151
Maryland Eastern Shore	0	0	0	0	0	0	0	0	0	0	0	0	24	27	51
MCPHS-Boston	0	0	0	3	3	6	23	38	61	7	13	20	125	209	334
MCPHS-Worcester	0	0	0	0	0	0	48	67	115	8	11	19	111	166	277
Northeastern	0	0	0	2	1	3	2	6	8	1	7	8	37	93	130
Western New England	0	0	0	0	0	0	0	0	0	0	2	2	29	37	66
Ferris State	0	0	0	0	0	0	6	7	13	3	1	4	66	82	148
Michigan	1	0	1	2	6	8	1	3	4	0	0	0	27	49	76
Wayne State	0	0	0	1	0	1	10	20	30	2	3	5	35	59	94
Minnesota	0	1	1	0	0	0	12	8	20	1	8	9	65	90	155
Mississippi	1	0	1	0	0	0	0	0	0	0	0	0	29	61	90
St. Louis	3	0	3	0	1	1	4	8	12	1	3	4	88	124	212
Missouri-Kansas City	0	0	0	1	1	2	1	0	1	0	0	0	53	67	120

Table 24 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Montana	25	31	56	0	0	0	1	1	2	3	1	4	0	0	0
Creighton	44	86	130	1	5	6	2	3	5	14	18	32	1	0	1
Nebraska	14	30	44	0	0	0	0	1	1	4	5	9	0	0	0
Roseman	47	54	101	3	7	10	6	8	14	29	58	87	0	1	1
Fairleigh Dickinson	4	13	17	4	7	11	1	1	2	11	19	30	0	0	0
Rutgers	18	31	49	2	4	6	4	2	6	44	67	111	0	0	0
New Mexico	11	20	31	0	2	2	14	17	31	4	10	14	0	0	0
D'Youville	24	21	45	1	1	2	2	0	2	3	2	5	0	0	0
A&M Schwartz	39	23	62	2	3	5	1	1	2	19	23	42	0	0	0
St. John Fisher	25	32	57	0	3	3	0	0	0	5	2	7	0	0	0
St. John's	35	50	85	2	4	6	4	4	8	81	112	193	0	0	0
Touro-NY	8	29	37	2	8	10	1	0	1	15	28	43	0	0	0
New York at Buffalo	23	34	57	1	1	2	1	2	3	14	22	36	0	0	0
Albany	52	94	146	4	4	8	4	4	8	7	10	17	0	1	1
Campbell	29	53	82	5	6	11	0	0	0	4	6	10	0	0	0
High Point	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	47	72	119	1	4	5	1	4	5	2	15	17	0	0	0
Wingate	31	42	73	1	4	5	0	0	0	0	7	7	0	1	1
North Dakota State	36	41	77	0	1	1	0	0	0	2	4	6	0	0	0
Cedarville	14	25	39	2	1	3	0	0	0	0	2	2	0	0	0
Northeast Ohio	17	35	52	1	1	2	1	1	2	2	6	8	0	0	0
Ohio Northern	53	90	143	1	3	4	0	0	0	2	1	3	0	0	0
Ohio State	32	50	82	1	2	3	1	3	4	6	13	19	0	0	0
Cincinnati	24	59	83	3	3	6	0	0	0	1	5	6	0	0	0
Findlay	18	30	48	1	1	2	1	1	2	0	2	2	0	0	0
Toledo	27	42	69	2	0	2	1	1	2	4	8	12	0	0	0
Southwestern Oklahoma	30	24	54	0	2	2	3	1	4	6	14	20	0	0	0
Oklahoma	26	33	59	5	0	5	1	2	3	10	9	19	0	0	0
Oregon State	16	26	42	0	0	0	1	2	3	14	18	32	1	0	1
Pacific-OR	16	24	40	0	1	1	1	1	2	18	29	47	0	0	0
Duquesne	74	98	172	2	4	6	0	0	0	2	5	7	0	0	0
LECOM	59	77	136	13	19	32	7	16	23	22	37	59	0	1	1
Philadelphia	23	41	64	4	3	7	0	0	0	29	54	83	0	0	0
Temple	33	32	65	8	8	16	1	1	2	26	32	58	0	0	0

Table 24 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Montana	0	0	0	0	2	2	0	0	0	0	0	0	29	35	64
Creighton	0	0	0	0	0	0	3	1	4	3	2	5	68	115	183
Nebraska	0	0	0	0	0	0	5	3	8	0	0	0	23	39	62
Roseman	0	0	0	13	5	18	0	2	2	1	2	3	99	137	236
Fairleigh Dickinson	0	0	0	0	0	0	0	4	4	2	2	4	22	46	68
Rutgers	0	0	0	2	4	6	2	0	2	2	8	10	74	116	190
New Mexico	0	4	4	0	0	0	0	0	0	0	0	0	29	53	82
D'Youville	0	0	0	4	0	4	3	0	3	4	1	5	41	25	66
A&M Schwartz	1	0	1	8	21	29	2	3	5	11	26	37	83	100	183
St. John Fisher	0	0	0	0	1	1	4	4	8	0	1	1	34	43	77
St. John's	0	0	0	4	5	9	1	1	2	5	9	14	132	185	317
Touro-NY	0	0	0	2	0	2	0	3	3	1	1	2	29	69	98
New York at Buffalo	0	0	0	0	0	0	4	4	8	0	2	2	43	65	108
Albany	0	0	0	2	1	3	4	6	10	7	7	14	80	127	207
Campbell	1	2	3	0	0	0	0	3	3	0	1	1	39	71	110
High Point	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	0	0	0	4	3	7	5	9	14	0	4	4	60	111	171
Wingate	1	1	2	6	4	10	2	1	3	1	0	1	42	60	102
North Dakota State	0	0	0	0	0	0	0	0	0	0	0	0	38	46	84
Cedarville	0	0	0	0	0	0	0	0	0	0	0	0	16	28	44
Northeast Ohio	0	0	0	0	3	3	0	0	0	0	0	0	21	46	67
Ohio Northern	0	0	0	1	3	4	1	0	1	0	1	1	58	98	156
Ohio State	0	0	0	0	0	0	3	1	4	3	2	5	46	71	117
Cincinnati	0	0	0	1	0	1	0	1	1	1	0	1	30	68	98
Findlay	1	0	1	0	0	0	2	6	8	0	0	0	23	40	63
Toledo	0	0	0	1	0	1	0	0	0	2	4	6	37	55	92
Southwestern Oklahoma	7	1	8	0	0	0	2	0	2	0	0	0	48	42	90
Oklahoma	1	4	5	0	3	3	1	4	5	2	5	7	46	60	106
Oregon State	0	1	1	3	2	5	2	3	5	0	3	3	37	55	92
Pacific-OR	0	0	0	0	0	0	1	3	4	0	1	1	36	59	95
Duquesne	0	0	0	0	1	1	4	4	8	0	2	2	82	114	196
LECOM	0	0	0	3	0	3	0	0	0	0	0	0	104	150	254
Philadelphia	0	0	0	2	1	3	10	11	21	0	8	8	68	118	186
Temple	0	0	0	1	0	1	0	0	0	5	3	8	74	76	150

Table 24 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Thomas Jefferson	20	10	30	1	1	2	0	1	1	7	10	17	0	0	0
Pittsburgh	37	55	92	1	0	1	0	0	0	3	10	13	0	0	0
Wilkes	29	38	67	1	0	1	1	1	2	0	1	1	0	0	0
Puerto Rico	0	0	0	0	0	0	13	32	45	0	0	0	0	0	0
Rhode Island	33	58	91	0	2	2	2	6	8	4	7	11	0	0	0
Presbyterian	14	37	51	2	11	13	0	1	1	0	6	6	0	0	0
South Carolina COP	43	85	128	1	10	11	1	9	10	6	13	19	0	0	0
South Dakota State	21	52	73	1	0	1	0	0	0	1	0	1	0	0	0
Belmont	19	38	57	1	1	2	0	1	1	9	0	9	0	0	0
East Tennessee State	24	39	63	2	1	3	0	0	0	4	3	7	0	0	0
Lipscomb	21	33	54	2	1	3	0	3	3	2	3	5	0	0	0
South-TN	19	24	43	4	7	11	0	0	0	10	13	23	0	0	0
Union	13	22	35	3	3	6	0	2	2	5	0	5	0	0	0
Tennessee	42	61	103	12	11	23	0	2	2	9	12	21	0	0	0
Texas A&M	9	9	18	4	2	6	9	18	27	11	13	24	0	0	0
Texas Southern	1	5	6	12	23	35	0	3	3	19	20	39	0	0	0
Texas Tech	31	37	68	4	8	12	3	3	6	25	32	57	0	0	0
Houston	10	12	22	1	3	4	0	5	5	21	23	44	0	0	0
Incarnate Word	8	21	29	3	7	10	9	14	23	5	12	17	0	0	0
North Texas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin	15	32	47	0	3	3	12	15	27	14	25	39	0	0	0
Texas at Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah	25	17	42	0	1	1	1	2	3	4	5	9	0	0	0
Hampton	3	3	6	12	41	53	0	1	1	3	2	5	0	0	0
Shenandoah	18	39	57	7	5	12	0	1	1	10	23	33	0	0	0
Appalachian	11	30	41	7	6	13	0	1	1	4	5	9	0	0	0
Virginia Commonwealth	17	47	64	2	7	9	0	0	0	11	28	39	0	0	0
Washington	9	23	32	1	0	1	2	2	4	14	34	48	0	0	0
Washington State	21	18	39	0	1	1	1	3	4	7	13	20	0	0	0
Marshall	7	16	23	0	1	1	0	2	2	2	0	2	0	0	0
Charleston	28	20	48	4	1	5	1	0	1	5	6	11	0	0	0
West Virginia	26	51	77	1	2	3	3	2	5	2	0	2	0	0	0
Concordia	25	34	59	0	3	3	0	1	1	7	2	9	0	0	0
Wisconsin-Madison	48	63	111	1	0	1	1	1	2	4	2	6	0	0	0

Table 24 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Thomas Jefferson	0	0	0	0	0	0	0	0	0	0	2	2	28	24	52
Pittsburgh	0	0	0	0	1	1	0	0	0	1	0	1	42	66	108
Wilkes	0	0	0	0	0	0	1	2	3	0	0	0	32	42	74
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	13	32	45
Rhode Island	0	0	0	0	2	2	3	3	6	0	1	1	42	79	121
Presbyterian	0	0	0	0	0	0	0	0	0	0	0	0	16	55	71
South Carolina COP	0	0	0	0	0	0	3	1	4	0	1	1	54	119	173
South Dakota State	1	0	1	0	0	0	0	0	0	0	0	0	24	52	76
Belmont	0	0	0	0	0	0	1	2	3	0	0	0	30	42	72
East Tennessee State	0	0	0	2	1	3	0	0	0	0	0	0	32	44	76
Lipscomb	1	0	1	1	0	1	1	0	1	0	0	0	28	40	68
South-TN	0	0	0	0	1	1	0	0	0	0	0	0	33	45	78
Union	0	0	0	0	0	0	0	0	0	1	1	2	22	28	50
Tennessee	0	0	0	0	1	1	0	0	0	1	1	2	64	88	152
Texas A&M	0	0	0	2	1	3	0	0	0	0	0	0	35	43	78
Texas Southern	0	0	0	0	0	0	0	0	0	1	2	3	33	53	86
Texas Tech	1	0	1	5	4	9	0	0	0	1	3	4	70	87	157
Houston	0	1	1	0	0	0	1	0	1	3	19	22	36	63	99
Incarnate Word	1	0	1	3	7	10	0	0	0	0	0	0	29	61	90
North Texas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin	0	0	0	0	0	0	0	0	0	0	0	0	41	75	116
Texas at Tyler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utah	0	0	0	2	2	4	0	1	1	0	0	0	32	28	60
Hampton	0	0	0	0	0	0	0	0	0	0	2	2	18	49	67
Shenandoah	0	0	0	0	2	2	1	0	1	0	2	2	36	72	108
Appalachian	0	0	0	0	0	0	0	1	1	0	0	0	22	43	65
Virginia Commonwealth	0	0	0	3	3	6	4	10	14	0	0	0	37	95	132
Washington	1	0	1	2	4	6	1	4	5	0	0	0	30	67	97
Washington State	0	0	0	1	0	1	22	28	50	0	0	0	52	63	115
Marshall	0	0	0	0	0	0	19	27	46	0	0	0	28	46	74
Charleston	0	0	0	0	0	0	1	0	1	0	0	0	39	27	66
West Virginia	0	0	0	0	1	1	0	0	0	1	1	2	33	57	90
Concordia	0	0	0	0	0	0	0	0	0	0	0	0	32	40	72
Wisconsin-Madison	1	0	1	2	4	6	0	0	0	2	3	5	59	73	132



Table 24 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Wyoming	18	14	32	1	1	2	0	0	0	1	1	2	0	1	1
Lebanese American	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3,028</b>	<b>4,718</b>	<b>7,746</b>	<b>387</b>	<b>670</b>	<b>1,057</b>	<b>244</b>	<b>399</b>	<b>643</b>	<b>1,368</b>	<b>2,218</b>	<b>3,586</b>	<b>18</b>	<b>14</b>	<b>32</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 25

Number of Postbaccalaureate Doctor of Pharmacy Degrees (Pharm.D.2) Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Western	0	0	0	3	0	3	0	0	0	5	8	13	0	0	0
Colorado	4	4	8	4	4	8	3	0	3	0	2	2	2	0	2
Howard	0	0	0	19	12	31	0	0	0	0	4	4	0	0	0
Florida	9	37	46	2	6	8	2	3	5	5	17	22	0	0	0
Idaho State	2	3	5	0	0	0	0	0	0	3	3	6	0	0	0
MCPHS-Boston	0	3	3	0	0	0	0	0	0	0	1	1	0	0	0
Campbell	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shenandoah	14	17	31	5	3	8	0	0	0	5	10	15	0	1	1
<b>Total</b>	<b>29</b>	<b>64</b>	<b>93</b>	<b>33</b>	<b>25</b>	<b>58</b>	<b>5</b>	<b>3</b>	<b>8</b>	<b>18</b>	<b>45</b>	<b>63</b>	<b>2</b>	<b>1</b>	<b>3</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 24 (continued)

Number of Doctor of Pharmacy Degrees Conferred as First Professional Degrees (Pharm.D.1) 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Wyoming	0	0	0	0	0	0	0	2	2	0	1	1	20	20	40
Lebanese American	0	0	0	0	0	0	0	0	0	3	29	32	3	29	32
<b>Total</b>	<b>27</b>	<b>21</b>	<b>48</b>	<b>145</b>	<b>179</b>	<b>324</b>	<b>290</b>	<b>435</b>	<b>725</b>	<b>128</b>	<b>267</b>	<b>395</b>	<b>5,635</b>	<b>8,921</b>	<b>14,556</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

NR: Not reported

Table 25 (continued)

Number of Postbaccalaureate Doctor of Pharmacy Degrees (Pharm.D.2) Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Western	0	0	0	0	0	0	0	0	0	1	1	2	9	9	18
Colorado	0	0	0	0	0	0	12	9	21	5	14	19	30	33	63
Howard	0	0	0	0	0	0	0	0	0	0	0	0	19	16	35
Florida	0	1	1	0	0	0	1	3	4	7	17	24	26	84	110
Idaho State	0	0	0	0	0	0	0	0	0	1	1	2	6	7	13
MCPHS-Boston	0	0	0	0	0	0	3	16	19	0	1	1	3	21	24
Campbell	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1
Shenandoah	0	0	0	0	0	0	2	2	4	1	2	3	27	35	62
<b>Total</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>31</b>	<b>49</b>	<b>15</b>	<b>36</b>	<b>51</b>	<b>120</b>	<b>206</b>	<b>326</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 26

Number of Master of Science (M.S.) Degrees Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Chapman	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Touro-CA	0	5	5	0	0	0	0	0	0	4	4	8	0	0	0
California-San Francisco	1	3	4	0	0	0	2	0	2	0	1	1	0	0	0
Pacific-CA	2	0	2	0	0	0	0	1	1	0	0	0	0	0	0
Southern California	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Western	0	1	1	0	0	0	0	1	1	1	0	1	0	0	0
Connecticut	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Florida	42	95	137	13	17	30	9	14	23	4	8	12	0	0	0
Georgia	0	4	4	0	1	1	0	0	0	0	0	0	0	0	0
Illinois at Chicago	0	3	3	0	0	0	0	1	1	1	0	1	0	0	0
Purdue	1	5	6	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kansas	3	4	7	0	0	0	0	0	0	1	1	2	0	0	0
Kentucky	2	5	7	0	0	0	0	0	0	1	0	1	0	0	0
Maryland	8	21	29	4	8	12	2	3	5	2	16	18	0	0	0
MCPHS-Boston	0	3	3	0	0	0	0	1	1	1	0	1	0	0	0
Northeastern	2	2	4	1	0	1	0	0	0	0	1	1	0	0	0
Wayne State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creighton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
A&M Schwartz	0	1	1	2	2	4	1	0	1	3	3	6	0	0	0
St. John's	2	3	5	0	0	0	0	1	1	1	2	3	0	0	0
New York at Buffalo	4	2	6	1	0	1	0	0	0	0	1	1	0	0	0
Albany	1	1	2	0	0	0	1	0	1	0	1	1	0	0	0
Campbell	8	12	20	1	1	2	0	0	0	0	1	1	0	0	0
North Carolina	4	4	8	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State	4	2	6	0	0	0	0	0	0	1	2	3	0	0	0
Cincinnati	1	5	6	1	2	3	0	2	2	1	0	1	0	0	0
Toledo	4	4	8	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia	3	3	6	6	0	6	1	0	1	2	6	8	4	0	4
Temple	15	36	51	1	4	5	1	2	3	8	16	24	0	0	0
Pittsburgh	0	0	0	2	0	2	0	0	0	0	1	1	0	0	0
Puerto Rico	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0
Rhode Island	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0

Table 26 (continued)  
 Number of Master of Science (M.S.) Degrees Conferred 2015–16  
 by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	3	3	6	3	3	6
Arizona	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Chapman	0	0	0	0	0	0	0	0	0	1	1	2	2	1	3
Touro-CA	0	0	0	0	1	1	1	1	2	0	0	0	5	11	16
California-San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	3	4	7
Pacific-CA	0	0	0	0	0	0	0	0	0	4	0	4	6	1	7
Southern California	0	0	0	0	0	0	0	0	0	6	8	14	6	9	15
Western	1	0	1	0	0	0	0	0	0	2	5	7	4	7	11
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Florida	0	1	1	0	0	0	3	5	8	14	14	28	85	154	239
Georgia	0	0	0	0	0	0	0	0	0	1	0	1	1	5	6
Illinois at Chicago	0	0	0	0	0	0	0	0	0	0	1	1	1	5	6
Purdue	0	0	0	0	0	0	0	0	0	1	0	1	2	5	7
Iowa	0	0	0	0	0	0	0	0	0	4	1	5	4	1	5
Kansas	0	0	0	0	0	0	4	1	5	7	3	10	15	9	24
Kentucky	0	0	0	0	0	0	0	0	0	0	1	1	3	6	9
Maryland	0	0	0	1	3	4	0	0	0	4	6	10	21	57	78
MCPHS-Boston	0	0	0	0	0	0	7	6	13	21	14	35	29	24	53
Northeastern	0	0	0	1	0	1	0	2	2	20	26	46	24	31	55
Wayne State	0	0	0	0	0	0	0	0	0	6	5	11	6	5	11
Minnesota	0	0	0	0	0	0	0	0	0	1	0	1	2	2	4
Mississippi	0	0	0	0	0	0	0	0	0	2	1	3	2	1	3
Creighton	0	0	0	0	0	0	0	0	0	3	3	6	3	3	6
Rutgers	0	0	0	1	0	1	0	0	0	1	3	4	2	3	5
New Mexico	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
A&M Schwartz	0	0	0	1	0	1	0	1	1	33	48	81	40	55	95
St. John's	0	0	0	0	0	0	0	0	0	7	7	14	10	13	23
New York at Buffalo	0	0	0	0	0	0	0	0	0	1	2	3	6	5	11
Albany	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
Campbell	0	0	0	0	0	0	0	1	1	7	9	16	16	24	40
North Carolina	0	0	0	0	0	0	0	1	1	0	1	1	4	6	10
Ohio State	0	0	0	0	0	0	0	0	0	1	0	1	6	4	10
Cincinnati	0	0	0	0	0	0	0	0	0	1	1	2	4	10	14
Toledo	0	0	0	0	0	0	0	0	0	10	3	13	14	7	21
Oregon State	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2
Duquesne	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Philadelphia	0	0	0	4	0	4	1	0	1	0	1	1	21	10	31
Temple	0	0	0	1	3	4	2	6	8	2	6	8	30	73	103
Pittsburgh	0	0	0	0	0	0	0	0	0	1	3	4	3	4	7
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
Rhode Island	0	0	0	0	0	0	0	0	0	1	2	3	3	2	5

Table 26 (continued)

Number of Master of Science (M.S.) Degrees Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Tennessee	6	4	<b>10</b>	1	0	<b>1</b>	1	0	<b>1</b>	1	3	<b>4</b>	0	0	<b>0</b>
Houston	1	2	<b>3</b>	0	0	<b>0</b>	0	0	<b>0</b>	2	1	<b>3</b>	0	0	<b>0</b>
Texas at Austin	0	2	<b>2</b>	0	0	<b>0</b>	0	1	<b>1</b>	1	2	<b>3</b>	0	0	<b>0</b>
Utah	0	1	<b>1</b>	0	0	<b>0</b>	0	0	<b>0</b>	0	0	<b>0</b>	0	0	<b>0</b>
Virginia Commonwealth	0	0	<b>0</b>	0	0	<b>0</b>	0	0	<b>0</b>	0	0	<b>0</b>	0	0	<b>0</b>
Washington	0	8	<b>8</b>	0	0	<b>0</b>	0	0	<b>0</b>	0	2	<b>2</b>	0	0	<b>0</b>
Wisconsin-Madison	3	3	<b>6</b>	0	0	<b>0</b>	0	0	<b>0</b>	0	0	<b>0</b>	0	0	<b>0</b>
<b>Total</b>	<b>120</b>	<b>249</b>	<b>369</b>	<b>33</b>	<b>35</b>	<b>68</b>	<b>19</b>	<b>32</b>	<b>51</b>	<b>37</b>	<b>72</b>	<b>109</b>	<b>4</b>	<b>0</b>	<b>4</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 26 (continued)  
 Number of Master of Science (M.S.) Degrees Conferred 2015–16  
 by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Tennessee	0	0	0	0	0	0	0	0	0	1	0	1	10	7	17
Houston	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
Texas at Austin	0	0	0	0	0	0	0	0	0	1	2	3	2	7	9
Utah	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Virginia Commonwealth	0	0	0	0	0	0	0	0	0	0	3	3	0	3	3
Washington	0	1	1	0	0	0	0	0	0	2	6	8	2	17	19
Wisconsin-Madison	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
<b>Total</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>9</b>	<b>7</b>	<b>16</b>	<b>18</b>	<b>24</b>	<b>42</b>	<b>170</b>	<b>191</b>	<b>361</b>	<b>411</b>	<b>612</b>	<b>1,023</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 27

Number of Doctor of Philosophy Degrees (Ph.D.) Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	4	6	10	0	0	0	0	0	0	1	0	1	0	0	0
California-San Francisco	10	5	15	0	0	0	2	0	2	1	3	4	0	0	0
Pacific-CA	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Southern California	0	1	1	1	0	1	0	1	1	1	2	3	0	0	0
Colorado	8	8	16	3	0	3	1	2	3	3	3	6	0	0	0
Connecticut	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0
Howard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida A&M	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0
Nova Southeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Georgia	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii-Hilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois at Chicago	1	2	3	0	0	0	0	0	0	0	4	4	0	0	0
Purdue	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	3	0	3	0	0	0	1	1	2	0	0	0	0	0	0
Kansas	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana at Monroe	3	1	4	0	0	0	0	0	0	4	0	4	0	0	0
Maryland	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0
MCPHS-Boston	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan	4	6	10	0	0	0	0	0	0	1	1	2	0	0	0
Wayne State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota	7	3	10	0	0	0	0	0	0	1	0	1	0	0	0
Mississippi	1	0	1	0	2	2	0	0	0	0	0	0	0	0	0
Missouri-Kansas City	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Montana	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0
Rutgers	2	6	8	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico	2	2	4	0	0	0	1	1	2	0	0	0	0	0	0
A&M Schwartz	1	0	1	0	0	0	0	1	1	0	1	1	0	0	0
St. John's	2	1	3	0	0	0	0	0	0	0	2	2	0	0	0
New York at Buffalo	1	2	3	0	0	0	0	0	0	1	0	1	0	0	0
North Carolina	6	1	7	0	0	0	0	0	0	2	2	4	0	0	0
North Dakota State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State	2	1	3	0	0	0	0	0	0	1	0	1	0	0	0
Cincinnati	0	2	2	0	0	0	0	0	0	1	1	2	0	0	0
Toledo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma	1	0	1	0	0	0	0	0	0	2	0	2	0	0	0
Oregon State	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0

Table 27 (continued)  
 Number of Doctor of Philosophy Degrees (Ph.D.) Conferred 2015–16  
 by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	2	2	4	4	2	6
Arizona	0	0	0	0	0	0	0	0	0	1	0	1	6	6	12
California-San Francisco	0	0	0	0	0	0	6	3	9	2	0	2	21	11	32
Pacific-CA	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2
Southern California	0	0	0	0	0	0	0	0	0	3	3	6	5	7	12
Colorado	0	1	1	1	0	1	0	0	0	7	4	11	23	18	41
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4
Howard	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
Florida A&M	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Nova Southeastern	0	0	0	0	0	0	0	0	0	3	0	3	3	0	3
Florida	0	0	0	0	0	0	0	0	0	7	7	14	9	9	18
Mercer	0	0	0	0	0	0	0	0	0	2	0	2	2	1	3
Georgia	0	0	0	0	0	0	0	0	0	3	1	4	4	2	6
Hawaii-Hilo	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
Illinois at Chicago	0	0	0	0	0	0	1	0	1	5	5	10	7	11	18
Purdue	0	0	0	0	0	0	0	0	0	9	7	16	13	7	20
Iowa	0	0	0	0	0	0	0	0	0	7	3	10	11	4	15
Kansas	0	0	0	1	0	1	3	1	4	5	1	6	9	3	12
Kentucky	0	0	0	0	0	0	0	0	0	2	2	4	3	3	6
Louisiana at Monroe	0	0	0	0	0	0	0	0	0	0	0	0	7	1	8
Maryland	0	0	0	0	0	0	0	0	0	3	3	6	4	5	9
MCPHS-Boston	0	0	0	0	0	0	0	0	0	3	2	5	3	2	5
Northeastern	0	0	0	0	0	0	0	0	0	2	3	5	2	3	5
Michigan	0	0	0	0	0	0	0	0	0	0	1	1	5	8	13
Wayne State	0	0	0	0	0	0	0	0	0	2	1	3	2	1	3
Minnesota	0	0	0	0	0	0	0	0	0	3	5	8	11	8	19
Mississippi	0	0	0	0	0	0	0	0	0	15	5	20	16	7	23
Missouri-Kansas City	0	0	0	0	0	0	0	0	0	2	4	6	2	4	6
Montana	0	0	0	0	0	0	0	0	0	1	1	2	3	1	4
Nebraska	0	0	0	0	0	0	0	0	0	1	2	3	2	3	5
Rutgers	0	0	0	0	0	0	0	0	0	2	3	5	4	9	13
New Mexico	0	0	0	0	0	0	0	0	0	0	1	1	3	4	7
A&M Schwartz	0	0	0	0	0	0	0	0	0	5	1	6	6	3	9
St. John's	0	0	0	0	0	0	0	0	0	10	4	14	12	7	19
New York at Buffalo	0	0	0	0	0	0	0	0	0	0	1	1	2	3	5
North Carolina	0	0	0	1	0	1	0	0	0	2	1	3	11	4	15
North Dakota State	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3
Ohio State	0	0	0	0	0	0	0	0	0	1	3	4	4	4	8
Cincinnati	0	0	0	0	0	0	0	0	0	2	1	3	3	4	7
Toledo	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2
Oklahoma	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Oregon State	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2



Table 27 (continued)

Number of Doctor of Philosophy Degrees (Ph.D.) Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Duquesne	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Temple	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina COP	0	2	2	0	1	1	0	0	0	0	0	0	0	0	0
South Dakota State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee	2	0	2	0	1	1	0	0	0	0	0	0	0	0	0
Texas Southern	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0
Texas Tech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Houston	2	0	2	0	0	0	1	0	1	0	0	0	0	0	0
Texas at Austin	5	6	11	0	0	0	1	2	3	0	4	4	0	0	0
Utah	3	2	5	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth	1	2	3	0	0	0	0	0	0	0	1	1	0	0	0
Washington	3	3	6	1	0	1	0	0	0	0	1	1	0	0	0
Washington State	1	1	2	0	0	0	0	0	0	0	1	1	0	0	0
West Virginia	1	4	5	1	0	1	0	0	0	0	0	0	0	0	0
Wisconsin-Madison	2	2	4	0	1	1	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>97</b>	<b>82</b>	<b>179</b>	<b>7</b>	<b>9</b>	<b>16</b>	<b>7</b>	<b>8</b>	<b>15</b>	<b>21</b>	<b>29</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 27 (continued)  
 Number of Doctor of Philosophy Degrees (Ph.D.) Conferred 2015–16  
 by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Duquesne	0	0	0	0	0	0	0	0	0	0	1	1	1	3	4
Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Temple	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2
Pittsburgh	0	0	0	0	0	0	0	0	0	3	2	5	3	2	5
Rhode Island	0	0	0	0	0	0	0	0	0	0	2	2	1	4	5
South Carolina COP	0	0	0	0	0	0	0	0	0	2	1	3	2	4	6
South Dakota State	0	0	0	0	0	0	0	0	0	3	0	3	3	0	3
Tennessee	0	0	0	0	0	0	0	1	1	4	1	5	6	3	9
Texas Southern	0	0	0	0	0	0	0	0	0	1	0	1	1	3	4
Texas Tech	0	0	0	0	0	0	0	0	0	5	2	7	5	2	7
Houston	0	0	0	0	0	0	0	0	0	5	3	8	8	3	11
Texas at Austin	0	0	0	0	0	0	0	0	0	2	5	7	8	17	25
Utah	0	0	0	0	0	0	0	0	0	2	5	7	5	7	12
Virginia Commonwealth	0	0	0	0	0	0	0	0	0	0	5	5	1	8	9
Washington	0	0	0	0	1	1	0	0	0	1	0	1	5	5	10
Washington State	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
West Virginia	0	0	0	0	0	0	0	0	0	3	2	5	5	6	11
Wisconsin-Madison	0	0	0	0	0	0	0	0	0	3	3	6	5	6	11
<b>Total</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>10</b>	<b>5</b>	<b>15</b>	<b>152</b>	<b>114</b>	<b>266</b>	<b>297</b>	<b>250</b>	<b>547</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 28  
 Summary of Master of Science (M.S.) and Doctor of Philosophy (Ph.D.) Degrees Conferred 2015–16  
 by Gender and Discipline

Discipline	M.S.				Ph.D.			
	Male	Female	Total	Percent of M.S. Degrees Conferred	Male	Female	Total	Percent of Ph.D. Degrees Conferred
Medicinal Chemistry	73	130	203	19.8%	62	40	102	18.6%
Pharmacology	53	70	123	12.0%	66	57	123	22.5%
Social and Administrative Sciences	100	176	276	27.0%	26	31	57	10.4%
Pharmacy Practice	52	80	132	12.9%	7	16	23	4.2%
Pharmaceutics	120	134	254	24.8%	106	95	201	36.7%
Other <sup>a</sup>	13	22	35	3.4%	30	11	41	7.5%
<b>Total</b>	<b>411</b>	<b>612</b>	<b>1,023</b>		<b>297</b>	<b>250</b>	<b>547</b>	

a: Includes biophysics/biological & medical informatics, immunology, clinical pharmaceutical sciences, pharmaceutical & biomedical sciences, pharmacometrics, and biomedical nanotechnology in M.S. programs and bioengineering/biophysics/biological & medical informatics, clinical pharmaceutical sciences, pharmaceutical & biomedical science, biomolecular science, and translational science in Ph.D. programs.

Table 29

Number of Master of Science Degrees (M.S.) in Medicinal Chemistry Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Pacific-CA	2	0	2	0	0	0	0	1	1	0	0	0	0	0	0
Western	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Florida	26	67	93	4	10	14	7	8	15	4	4	8	0	0	0
Purdue	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Kansas	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
MCPHS-Boston	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wayne State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Creighton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. John's	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Toledo	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburgh	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0
Rhode Island	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>31</b>	<b>76</b>	<b>107</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>8</b>	<b>13</b>	<b>21</b>	<b>5</b>	<b>4</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 29 (continued)

Number of Master of Science Degrees (M.S.) in Medicinal Chemistry Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
Arizona	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Pacific-CA	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3
Western	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Florida	0	1	1	0	0	0	2	4	6	10	8	18	53	102	155
Purdue	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Kansas	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
MCPHS-Boston	0	0	0	0	0	0	0	0	0	2	1	3	2	1	3
Northeastern	0	0	0	0	0	0	0	0	0	4	4	8	4	4	8
Wayne State	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Minnesota	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Creighton	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
St. John's	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
North Carolina	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
Toledo	0	0	0	0	0	0	0	0	0	1	1	2	3	2	5
Oregon State	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2
Pittsburgh	0	0	0	0	0	0	0	0	0	1	1	2	2	1	3
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Texas at Austin	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Virginia Commonwealth	0	0	0	0	0	0	0	0	0	0	3	3	0	3	3
<b>Total</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>22</b>	<b>22</b>	<b>44</b>	<b>73</b>	<b>130</b>	<b>203</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 30

Number of Master of Science Degrees (M.S.) in Pharmacology Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern California	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Western	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Illinois at Chicago	0	3	3	0	0	0	0	1	1	0	0	0	0	0	0
Kansas	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
MCPHS-Boston	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Northeastern	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Wayne State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creighton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
A&M Schwartz	0	1	1	1	0	1	0	0	0	0	1	1	0	0	0
St. John's	2	2	4	0	0	0	0	1	1	1	2	3	0	0	0
Ohio State	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Toledo	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia	3	3	6	0	0	0	0	0	0	2	1	3	0	0	0
Pittsburgh	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Tennessee	6	4	10	1	0	1	1	0	1	1	3	4	0	0	0
Texas at Austin	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
<b>Total</b>	<b>15</b>	<b>18</b>	<b>33</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>9</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 30 (continued)

Number of Master of Science Degrees (M.S.) in Pharmacology Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
Southern California	0	0	0	0	0	0	0	0	0	1	3	4	1	4	5
Western	1	0	1	0	0	0	0	0	0	0	3	3	1	4	5
Illinois at Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
Kansas	0	0	0	0	0	0	0	0	0	2	1	3	3	1	4
Kentucky	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
MCPHS-Boston	0	0	0	0	0	0	0	1	1	3	3	6	3	5	8
Northeastern	0	0	0	0	0	0	0	1	1	3	5	8	4	6	10
Wayne State	0	0	0	0	0	0	0	0	0	3	3	6	3	3	6
Minnesota	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Creighton	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Rutgers	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1
New Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
A&M Schwartz	0	0	0	0	0	0	0	0	0	7	11	18	8	13	21
St. John's	0	0	0	0	0	0	0	0	0	1	3	4	4	8	12
Ohio State	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Toledo	0	0	0	0	0	0	0	0	0	3	1	4	4	2	6
Philadelphia	0	0	0	3	0	3	1	0	1	0	1	1	9	5	14
Pittsburgh	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
Tennessee	0	0	0	0	0	0	0	0	0	0	0	0	9	7	16
Texas at Austin	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2
<b>Total</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>25</b>	<b>38</b>	<b>63</b>	<b>53</b>	<b>70</b>	<b>123</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 31

Number of Master of Science Degrees (M.S.) in Social and Administrative Sciences Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern California	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois at Chicago	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Kentucky	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Maryland	5	16	21	4	8	12	2	3	5	2	12	14	0	0	0
MCPHS-Boston	0	3	3	0	0	0	0	0	0	1	0	1	0	0	0
Minnesota	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A&M Schwartz	0	0	0	0	0	0	1	0	1	3	1	4	0	0	0
St. John's	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State	3	2	5	0	0	0	0	0	0	1	1	2	0	0	0
Toledo	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Duquesne	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Temple	13	31	44	1	4	5	1	2	3	7	14	21	0	0	0
Rhode Island	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Houston	1	2	3	0	0	0	0	0	0	2	1	3	0	0	0
Texas at Austin	0	1	1	0	0	0	0	1	1	0	1	1	0	0	0
Utah	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Washington	0	5	5	0	0	0	0	0	0	0	1	1	0	0	0
Wisconsin-Madison	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>27</b>	<b>65</b>	<b>92</b>	<b>5</b>	<b>12</b>	<b>17</b>	<b>4</b>	<b>6</b>	<b>10</b>	<b>17</b>	<b>31</b>	<b>48</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 31 (continued)

Number of Master of Science Degrees (M.S.) in Social and Administrative Sciences Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Southern California	0	0	0	0	0	0	0	0	0	2	1	3	2	1	3
Illinois at Chicago	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Kentucky	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3
Maryland	0	0	0	1	3	4	0	0	0	4	5	9	18	47	65
MCPHS-Boston	0	0	0	0	0	0	1	4	5	16	10	26	18	17	35
Minnesota	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Mississippi	0	0	0	0	0	0	0	0	0	2	1	3	2	1	3
A&M Schwartz	0	0	0	1	0	1	0	0	0	8	10	18	13	11	24
St. John's	0	0	0	0	0	0	0	0	0	5	2	7	5	2	7
Ohio State	0	0	0	0	0	0	0	0	0	0	0	0	4	3	7
Toledo	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Duquesne	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Temple	0	0	0	1	3	4	2	6	8	1	3	4	26	63	89
Rhode Island	0	0	0	0	0	0	0	0	0	1	2	3	2	2	4
Houston	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
Texas at Austin	0	0	0	0	0	0	0	0	0	0	2	2	0	5	5
Utah	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Washington	0	1	1	0	0	0	0	0	0	1	6	7	1	13	14
Wisconsin-Madison	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
<b>Total</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>10</b>	<b>13</b>	<b>41</b>	<b>45</b>	<b>86</b>	<b>100</b>	<b>176</b>	<b>276</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.



Table 32

Number of Master of Science Degrees (M.S.) in Pharmacy Practice Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Florida	16	28	44	9	7	16	2	6	8	0	4	4	0	0	0
Kansas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky	1	3	4	0	0	0	0	0	0	1	0	1	0	0	0
New Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campbell	6	11	17	1	1	2	0	0	0	0	0	0	0	0	0
North Carolina	4	3	7	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburgh	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Texas at Austin	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Washington	0	3	3	0	0	0	0	0	0	0	1	1	0	0	0
Wisconsin-Madison	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>29</b>	<b>50</b>	<b>79</b>	<b>11</b>	<b>8</b>	<b>19</b>	<b>2</b>	<b>6</b>	<b>8</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 32 (continued)

Number of Master of Science Degrees (M.S.) in Pharmacy Practice Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Florida	0	0	0	0	0	0	1	1	2	3	6	9	31	52	83
Kansas	0	0	0	0	0	0	3	0	3	0	0	0	3	0	3
Kentucky	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5
New Mexico	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Campbell	0	0	0	0	0	0	0	1	1	0	0	0	7	13	20
North Carolina	0	0	0	0	0	0	0	1	1	0	0	0	4	4	8
Pittsburgh	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Texas at Austin	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Washington	0	0	0	0	0	0	0	0	0	1	0	1	1	4	5
Wisconsin-Madison	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>4</b>	<b>8</b>	<b>12</b>	<b>52</b>	<b>80</b>	<b>132</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 33

Number of Master of Science Degrees (M.S.) in Pharmaceutics Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chapman	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Touro-CA	0	5	5	0	0	0	0	0	0	4	4	8	0	0	0
California-San Francisco	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Pacific-CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern California	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Western	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Purdue	1	4	5	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kansas	2	2	4	0	0	0	0	0	0	1	1	2	0	0	0
Maryland	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
MCPHS-Boston	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern	0	1	1	1	0	1	0	0	0	0	1	1	0	0	0
Wayne State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creighton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A&M Schwartz	0	0	0	1	2	3	0	0	0	0	1	1	0	0	0
St. John's	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New York at Buffalo	4	2	6	1	0	1	0	0	0	0	1	1	0	0	0
Albany	1	1	2	0	0	0	1	0	1	0	1	1	0	0	0
Campbell	2	1	3	0	0	0	0	0	0	0	1	1	0	0	0
Ohio State	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Cincinnati	1	5	6	1	2	3	0	2	2	1	0	1	0	0	0
Toledo	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia	0	0	0	6	0	6	1	0	1	0	5	5	4	0	4
Temple	2	5	7	0	0	0	0	0	0	1	2	3	0	0	0
Puerto Rico	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>14</b>	<b>28</b>	<b>42</b>	<b>10</b>	<b>4</b>	<b>14</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>18</b>	<b>26</b>	<b>4</b>	<b>0</b>	<b>4</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 33 (continued)

Number of Master of Science Degrees (M.S.) in Pharmaceutics Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Chapman	0	0	0	0	0	0	0	0	0	1	1	2	2	1	3
Touro-CA	0	0	0	0	1	1	1	1	2	0	0	0	5	11	16
California-San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Pacific-CA	0	0	0	0	0	0	0	0	0	4	0	4	4	0	4
Southern California	0	0	0	0	0	0	0	0	0	3	4	7	3	4	7
Western	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3
Purdue	0	0	0	0	0	0	0	0	0	1	0	1	2	4	6
Iowa	0	0	0	0	0	0	0	0	0	4	1	5	4	1	5
Kansas	0	0	0	0	0	0	1	1	2	5	2	7	9	6	15
Maryland	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
MCPHS-Boston	0	0	0	0	0	0	6	1	7	0	0	0	6	1	7
Northeastern	0	0	0	1	0	1	0	1	1	9	15	24	11	18	29
Wayne State	0	0	0	0	0	0	0	0	0	2	2	4	2	2	4
Creighton	0	0	0	0	0	0	0	0	0	3	1	4	3	1	4
Rutgers	0	0	0	0	0	0	0	0	0	1	3	4	1	3	4
A&M Schwartz	0	0	0	0	0	0	0	1	1	18	27	45	19	31	50
St. John's	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
New York at Buffalo	0	0	0	0	0	0	0	0	0	1	2	3	6	5	11
Albany	0	0	0	0	0	0	0	0	0	0	0	0	2	2	4
Campbell	0	0	0	0	0	0	0	0	0	7	9	16	9	11	20
Ohio State	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2
Cincinnati	0	0	0	0	0	0	0	0	0	1	1	2	4	10	14
Toledo	0	0	0	0	0	0	0	0	0	6	1	7	6	2	8
Philadelphia	0	0	0	1	0	1	0	0	0	0	0	0	12	5	17
Temple	0	0	0	0	0	0	0	0	0	1	3	4	4	10	14
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Tennessee	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>8</b>	<b>5</b>	<b>13</b>	<b>72</b>	<b>75</b>	<b>147</b>	<b>120</b>	<b>134</b>	<b>254</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 34

Number of Master of Science Degrees (M.S.) in Other Disciplines<sup>a</sup> Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>b</sup>			Black or African American <sup>c</sup>			Hispanic or Latino <sup>d</sup>			Asian <sup>e</sup>			Native Hawaiian or Other Pacific Islander <sup>f</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
California-San Francisco	1	2	3	0	0	0	2	0	2	0	1	1	0	0	0
Western	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0
Florida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia	0	4	4	0	1	1	0	0	0	0	0	0	0	0	0
Maryland	2	5	7	0	0	0	0	0	0	0	4	4	0	0	0
Northeastern	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>4</b>	<b>12</b>	<b>16</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: Includes biophysics/biological & medical informatics at California-San Francisco, immunology at Western, clinical pharmaceutical sciences at Florida, pharmaceutical & biomedical sciences at Georgia, pharmacometrics at Maryland, and biomedical nanotechnology at Northeastern.

b: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

c: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

d: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

e: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

f: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 34 (continued)

Number of Master of Science Degrees (M.S.) in Other Disciplines<sup>a</sup> Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>g</sup>			Two or More Races <sup>h</sup>			Unknown <sup>i</sup>			International/ Foreign <sup>j</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
California-San Francisco	0	0	0	0	0	0	0	0	0	0	0	0	3	3	6
Western	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Florida	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Georgia	0	0	0	0	0	0	0	0	0	1	0	1	1	5	6
Maryland	0	0	0	0	0	0	0	0	0	0	1	1	2	10	12
Northeastern	0	0	0	0	0	0	0	0	0	4	2	6	5	3	8
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>9</b>	<b>13</b>	<b>22</b>	<b>35</b>

g: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

h: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

i: U.S. citizens or permanent residents whose race and ethnicity are not known

j: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 35

Number of Doctor of Philosophy Degrees (Ph.D.) in Medicinal Chemistry Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Arizona	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0
California-San Francisco	3	0	3	0	0	0	1	0	1	0	1	1	0	0	0
Pacific-CA	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Howard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida A&M	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Florida	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0
Illinois at Chicago	1	2	3	0	0	0	0	0	0	0	2	2	0	0	0
Purdue	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	1	0	1	0	0	0	1	1	2	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana at Monroe	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
Maryland	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Michigan	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota	4	2	6	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. John's	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
North Carolina	4	1	5	0	0	0	0	0	0	1	0	1	0	0	0
North Dakota State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toledo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Temple	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina COP	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Tennessee	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin	0	4	4	0	0	0	1	0	1	0	0	0	0	0	0
Utah	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Washington	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>25</b>	<b>15</b>	<b>40</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 35 (continued)

Number of Doctor of Philosophy Degrees (Ph.D.) in Medicinal Chemistry Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Arizona	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
California-San Francisco	0	0	0	0	0	0	0	1	1	0	0	0	4	2	6
Pacific-CA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Howard	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Florida A&M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Florida	0	0	0	0	0	0	0	0	0	0	1	1	1	3	4
Illinois at Chicago	0	0	0	0	0	0	0	0	0	4	2	6	5	6	11
Purdue	0	0	0	0	0	0	0	0	0	4	3	7	7	3	10
Iowa	0	0	0	0	0	0	0	0	0	1	1	2	3	2	5
Kansas	0	0	0	0	0	0	2	0	2	2	0	2	4	0	4
Kentucky	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2
Louisiana at Monroe	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Maryland	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Michigan	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4
Minnesota	0	0	0	0	0	0	0	0	0	2	1	3	6	3	9
Rutgers	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
St. John's	0	0	0	0	0	0	0	0	0	1	1	2	1	2	3
North Carolina	0	0	0	1	0	1	0	0	0	0	0	0	6	1	7
North Dakota State	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Toledo	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2
Oregon State	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Temple	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Pittsburgh	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
South Carolina COP	0	0	0	0	0	0	0	0	0	2	0	2	2	1	3
Tennessee	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Texas at Austin	0	0	0	0	0	0	0	0	0	1	0	1	2	4	6
Utah	0	0	0	0	0	0	0	0	0	1	2	3	2	2	4
Virginia Commonwealth	0	0	0	0	0	0	0	0	0	0	3	3	0	3	3
Washington	0	0	0	0	1	1	0	0	0	1	0	1	2	1	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>25</b>	<b>17</b>	<b>42</b>	<b>62</b>	<b>40</b>	<b>102</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.



Table 36

Number of Doctor of Philosophy Degrees (Ph.D.) in Pharmacology Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	4	1	5	0	0	0	0	0	0	0	0	0	0	0	0
Southern California	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Colorado	3	4	7	2	0	2	0	2	2	0	1	1	0	0	0
Connecticut	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Florida	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Kansas	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Louisiana at Monroe	2	1	3	0	0	0	0	0	0	3	0	3	0	0	0
Maryland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wayne State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Missouri-Kansas City	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Montana	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Rutgers	2	4	6	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico	2	1	3	0	0	0	1	1	2	0	0	0	0	0	0
St. John's	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0
North Dakota State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ohio State	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0
Cincinnati	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Duquesne	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina COP	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
South Dakota State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas Southern	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0
Houston	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
Texas at Austin	2	1	3	0	0	0	0	1	1	0	1	1	0	0	0
Utah	2	2	4	0	0	0	0	0	0	0	0	0	0	0	0
Washington State	1	1	2	0	0	0	0	0	0	0	1	1	0	0	0
Total	27	25	52	3	2	5	2	4	6	4	3	7	0	0	0

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 36 (continued)

Number of Doctor of Philosophy Degrees (Ph.D.) in Pharmacology Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	2	2	4	3	2	5
Arizona	0	0	0	0	0	0	0	0	0	0	0	0	4	1	5
Southern California	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Colorado	0	0	0	1	0	1	0	0	0	4	2	6	10	9	19
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Florida	0	0	0	0	0	0	0	0	0	2	1	3	3	1	4
Kansas	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
Kentucky	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
Louisiana at Monroe	0	0	0	0	0	0	0	0	0	0	0	0	5	1	6
Maryland	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Wayne State	0	0	0	0	0	0	0	0	0	2	1	3	2	1	3
Minnesota	0	0	0	0	0	0	0	0	0	1	3	4	2	3	5
Missouri-Kansas City	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Montana	0	0	0	0	0	0	0	0	0	1	1	2	3	1	4
Rutgers	0	0	0	0	0	0	0	0	0	1	0	1	3	4	7
New Mexico	0	0	0	0	0	0	0	0	0	0	0	0	3	2	5
St. John's	0	0	0	0	0	0	0	0	0	7	1	8	9	2	11
North Dakota State	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
Ohio State	0	0	0	0	0	0	0	0	0	1	1	2	2	2	4
Cincinnati	0	0	0	0	0	0	0	0	0	1	1	2	1	3	4
Duquesne	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Rhode Island	0	0	0	0	0	0	0	0	0	0	2	2	0	3	3
South Carolina COP	0	0	0	0	0	0	0	0	0	0	1	1	0	2	2
South Dakota State	0	0	0	0	0	0	0	0	0	3	0	3	3	0	3
Texas Southern	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Houston	0	0	0	0	0	0	0	0	0	2	0	2	3	0	3
Texas at Austin	0	0	0	0	0	0	0	0	0	0	1	1	2	4	6
Utah	0	0	0	0	0	0	0	0	0	1	1	2	3	3	6
Washington State	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>23</b>	<b>52</b>	<b>66</b>	<b>57</b>	<b>123</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 37

Number of Doctor of Philosophy Degrees (Ph.D.) in Social and Administrative Sciences Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Arizona	0	4	4	0	0	0	0	0	0	0	0	0	0	0	0
Southern California	0	1	1	0	0	0	0	1	1	1	2	3	0	0	0
Florida A&M	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Nova Southeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois at Chicago	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Maryland	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
MCPHS-Boston	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cincinnati	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Oklahoma	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0
Rhode Island	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
South Carolina COP	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Houston	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0
West Virginia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wisconsin-Madison	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>7</b>	<b>9</b>	<b>16</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 37 (continued)

Number of Doctor of Philosophy Degrees (Ph.D.) in Social and Administrative Sciences Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Auburn	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Arizona	0	0	0	0	0	0	0	0	0	1	0	1	1	4	5
Southern California	0	0	0	0	0	0	0	0	0	2	1	3	3	5	8
Florida A&M	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Nova Southeastern	0	0	0	0	0	0	0	0	0	2	0	2	2	0	2
Georgia	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Illinois at Chicago	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Iowa	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Maryland	0	0	0	0	0	0	0	0	0	1	2	3	2	2	4
MCPHS-Boston	0	0	0	0	0	0	0	0	0	2	2	4	2	2	4
Michigan	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Minnesota	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Mississippi	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3
Cincinnati	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2
Oklahoma	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Rhode Island	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
South Carolina COP	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Houston	0	0	0	0	0	0	0	0	0	3	0	3	5	0	5
Texas at Austin	0	0	0	0	0	0	0	0	0	1	4	5	1	6	7
West Virginia	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3
Wisconsin-Madison	0	0	0	0	0	0	0	0	0	0	2	2	0	3	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>17</b>	<b>33</b>	<b>26</b>	<b>31</b>	<b>57</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 38

Number of Doctor of Philosophy Degrees (Ph.D.) in Pharmacy Practice Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Florida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Purdue	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Carolina	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Texas at Austin	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0
Washington	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 38 (continued)

Number of Doctor of Philosophy Degrees (Ph.D.) in Pharmacy Practice Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Florida	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
Georgia	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Purdue	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3
Iowa	0	0	0	0	0	0	0	0	0	1	1	2	1	1	2
New Mexico	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
North Carolina	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2
Pittsburgh	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Tennessee	0	0	0	0	0	0	0	1	1	1	0	1	1	2	3
Texas at Austin	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Utah	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Virginia Commonwealth	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3
Washington	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>8</b>	<b>13</b>	<b>7</b>	<b>16</b>	<b>23</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 39

Number of Doctor of Philosophy Degrees (Ph.D.) in Pharmaceutics Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
California-San Francisco	2	1	3	0	0	0	0	0	0	1	2	3	0	0	0
Pacific-CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southern California	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Colorado	5	4	9	1	0	1	1	0	1	3	2	5	0	0	0
Connecticut	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Howard	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nova Southeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Hawaii-Hilo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Illinois at Chicago	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0
Purdue	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Iowa	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Kansas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Maryland	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
MCPHS-Boston	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michigan	1	5	6	0	0	0	0	0	0	1	1	2	0	0	0
Minnesota	1	1	2	0	0	0	0	0	0	1	0	1	0	0	0
Mississippi	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Missouri-Kansas City	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0
Rutgers	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
New Mexico	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
A&M Schwartz	1	0	1	0	0	0	0	1	1	0	1	1	0	0	0
St. John's	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
New York at Buffalo	1	2	3	0	0	0	0	0	0	1	0	1	0	0	0
North Carolina	1	0	1	0	0	0	0	0	0	1	2	3	0	0	0
Ohio State	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cincinnati	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Oklahoma	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Duquesne	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Philadelphia	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Temple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pittsburgh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Texas Southern	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Texas Tech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Houston	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin	3	0	3	0	0	0	0	0	0	0	1	1	0	0	0

Table 39 (continued)

Number of Doctor of Philosophy Degrees (Ph.D.) in Pharmaceutics Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
California-San Francisco	0	0	0	0	0	0	1	1	2	0	0	0	4	4	8
Pacific-CA	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Southern California	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3
Colorado	0	1	1	0	0	0	0	0	0	3	2	5	13	9	22
Connecticut	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Howard	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Nova Southeastern	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Florida	0	0	0	0	0	0	0	0	0	2	2	4	2	2	4
Mercer	0	0	0	0	0	0	0	0	0	2	0	2	2	1	3
Hawaii-Hilo	0	0	0	0	1	1	0	0	0	0	1	1	0	2	2
Illinois at Chicago	0	0	0	0	0	0	1	0	1	0	3	3	1	5	6
Purdue	0	0	0	0	0	0	0	0	0	4	2	6	5	2	7
Iowa	0	0	0	0	0	0	0	0	0	5	1	6	6	1	7
Kansas	0	0	0	1	0	1	1	1	2	3	0	3	5	1	6
Kentucky	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Maryland	0	0	0	0	0	0	0	0	0	1	1	2	1	2	3
MCPHS-Boston	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Northeastern	0	0	0	0	0	0	0	0	0	2	3	5	2	3	5
Michigan	0	0	0	0	0	0	0	0	0	0	0	0	2	6	8
Minnesota	0	0	0	0	0	0	0	0	0	0	1	1	2	2	4
Mississippi	0	0	0	0	0	0	0	0	0	6	1	7	6	2	8
Missouri-Kansas City	0	0	0	0	0	0	0	0	0	2	3	5	2	3	5
Nebraska	0	0	0	0	0	0	0	0	0	1	2	3	2	3	5
Rutgers	0	0	0	0	0	0	0	0	0	1	2	3	1	4	5
New Mexico	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
A&M Schwartz	0	0	0	0	0	0	0	0	0	5	1	6	6	3	9
St. John's	0	0	0	0	0	0	0	0	0	2	2	4	2	3	5
New York at Buffalo	0	0	0	0	0	0	0	0	0	0	1	1	2	3	5
North Carolina	0	0	0	0	0	0	0	0	0	1	1	2	3	3	6
Ohio State	0	0	0	0	0	0	0	0	0	0	2	2	0	2	2
Cincinnati	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Oklahoma	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Duquesne	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Philadelphia	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Temple	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1
Pittsburgh	0	0	0	0	0	0	0	0	0	2	1	3	2	1	3
Tennessee	0	0	0	0	0	0	0	0	0	3	1	4	4	1	5
Texas Southern	0	0	0	0	0	0	0	0	0	1	0	1	1	1	2
Texas Tech	0	0	0	0	0	0	0	0	0	5	2	7	5	2	7
Houston	0	0	0	0	0	0	0	0	0	0	3	3	0	3	3
Texas at Austin	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4



Table 39 (continued)

Number of Doctor of Philosophy Degrees (Ph.D.) in Pharmaceutics Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>a</sup>			Black or African American <sup>b</sup>			Hispanic or Latino <sup>c</sup>			Asian <sup>d</sup>			Native Hawaiian or Other Pacific Islander <sup>e</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Utah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia Commonwealth	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Washington	3	0	3	0	0	0	0	0	0	0	1	1	0	0	0
West Virginia	1	4	5	1	0	1	0	0	0	0	0	0	0	0	0
Wisconsin-Madison	2	1	3	0	1	1	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>27</b>	<b>23</b>	<b>50</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>18</b>	<b>28</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

b: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

c: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

d: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

e: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands

Table 39 (continued)

Number of Doctor of Philosophy Degrees (Ph.D.) in Pharmaceutics Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>f</sup>			Two or More Races <sup>g</sup>			Unknown <sup>h</sup>			International/ Foreign <sup>i</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Utah	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Virginia Commonwealth	0	0	0	0	0	0	0	0	0	0	2	2	0	3	3
Washington	0	0	0	0	0	0	0	0	0	0	0	0	3	1	4
West Virginia	0	0	0	0	0	0	0	0	0	2	0	2	4	4	8
Wisconsin-Madison	0	0	0	0	0	0	0	0	0	3	1	4	5	3	8
<b>Total</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>62</b>	<b>46</b>	<b>108</b>	<b>106</b>	<b>95</b>	<b>201</b>

f: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

g: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

h: U.S. citizens or permanent residents whose race and ethnicity are not known

i: Citizens of a foreign country/permanent residents of a country other than the U.S.

Table 40

Number of Doctor of Philosophy Degrees (Ph.D.) in Other Disciplines<sup>a</sup> Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	White <sup>b</sup>			Black or African American <sup>c</sup>			Hispanic or Latino <sup>d</sup>			Asian <sup>e</sup>			Native Hawaiian or Other Pacific Islander <sup>f</sup>		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
California-San Francisco	5	4	9	0	0	0	1	0	1	0	0	0	0	0	0
Florida	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Georgia	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0
Ohio State	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Texas at Austin	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
<b>Total</b>	<b>9</b>	<b>5</b>	<b>14</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>

a: Includes bioengineering/biophysics/biological & medical informatics at California-San Francisco, clinical pharmaceutical sciences at Florida, pharmaceutical & biomedical science at Georgia, biomolecular science at Mississippi, and translational science at Ohio State and Texas at Austin.

b: U.S. citizens or permanent residents having origins in any of the original peoples of Europe, the Middle East, or North Africa

c: U.S. citizens or permanent residents having origins in any of the black racial groups of Africa

d: U.S. citizens or permanent residents of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race

e: U.S. citizens or permanent residents having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam

f: U.S. citizens or permanent residents having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands; U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

Table 40 (continued)

Number of Doctor of Philosophy Degrees (Ph.D.) in Other Disciplines<sup>a</sup> Conferred 2015–16  
by School, Gender, and Race/Ethnicity

College	American Indian or Alaska Native <sup>g</sup>			Two or More Races <sup>h</sup>			Unknown <sup>i</sup>			International/ Foreign <sup>j</sup>			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
California-San Francisco	0	0	0	0	0	0	5	1	6	2	0	2	13	5	18
Florida	0	0	0	0	0	0	0	0	0	3	1	4	3	1	4
Georgia	0	0	0	0	0	0	0	0	0	2	0	2	3	1	4
Mississippi	0	0	0	0	0	0	0	0	0	8	2	10	9	3	12
Ohio State	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Texas at Austin	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>6</b>	<b>15</b>	<b>3</b>	<b>18</b>	<b>30</b>	<b>11</b>	<b>41</b>

g: U.S. citizens or permanent residents having origins in any of the original peoples of North and South America (including Central America) who maintains cultural identification through tribal affiliation or community attachment

h: U.S. citizens or permanent residents who are not Hispanic/Latino and identify themselves by more than one race

i: U.S. citizens or permanent residents whose race and ethnicity are not known

j: Citizens of a foreign country/permanent residents of a country other than the U.S.