

TABLE 1-5

Research doctorate recipients, by trend major field of doctorate and sex: 2013–23

(Number)

Field and sex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change 2013–23
All doctorate recipients ^a	52,703	53,986	54,886	54,809	54,550	55,078	55,599	55,203	52,160	57,448	57,862	9.8
Science and engineering	39,084	40,708	41,247	41,306	41,364	42,144	42,897	42,564	40,819	45,402	45,533	16.5
Agricultural sciences and natural resources	1,391	1,380	1,490	1,428	1,543	1,499	1,538	1,531	1,412	1,509	1,477	6.2
Agricultural sciences	873	854	903	851	969	960	1,002	1,013	956	1,001	1,007	15.3
Natural resources and conservation	518	526	587	577	574	539	536	518	456	508	470	-9.3
Biological and biomedical sciences	8,707	8,868	8,783	8,863	8,567	8,782	8,678	8,403	8,131	9,208	9,575	10.0
Biochemistry and biophysics	1,005	1,006	930	997	999	963	966	859	797	925	893	-11.1
Biology and biomedical sciences, general	657	683	674	1,100	808	888	914	1,056	978	1,234	1,328	102.1
Bioinformatics, biostatistics, and computational biology	426	465	452	525	549	580	647	600	622	763	794	86.4
Cellular and developmental biology, and anatomy	597	607	596	488	427	427	412	364	220	217	225	-62.3
Ecology, evolutionary biology, and epidemiology	1,030	956	1,041	1,025	1,017	1,059	1,033	952	947	1,080	1,118	8.5
Genetics and genomics	396	401	358	338	344	363	341	347	375	415	459	15.9
Microbiology and immunology	1,142	1,133	1,168	1,042	976	1,042	1,009	1,001	972	1,088	1,092	-4.4
Molecular biology	646	670	632	549	634	596	555	575	740	797	851	31.7
Neurobiology and neurosciences	1,016	1,048	1,089	997	984	1,033	1,033	972	911	1,046	1,086	6.9
Pharmacology and toxicology	418	458	381	337	371	361	350	325	311	386	409	-2.2
Physiology, pathology, and cancer biology	723	788	774	686	683	690	637	571	562	582	608	-15.9
Biology and biomedical sciences, other	651	653	688	779	775	780	781	781	696	675	712	9.4
Computer and information sciences	1,843	1,988	2,003	2,082	1,998	2,000	2,220	2,363	2,360	2,607	2,687	45.8
Computer science	1,568	1,664	1,658	1,650	1,592	1,628	1,814	1,953	1,808	1,822	1,937	23.5
Computer and information sciences, other	275	324	345	432	406	372	406	410	552	785	750	172.7
Engineering	9,000	9,626	9,875	9,459	9,774	10,164	10,298	10,468	10,230	11,519	11,403	26.7
Aerospace, aeronautical, and astronautical engineering	348	386	361	370	380	383	379	399	372	586	586	68.4
Bioengineering and biomedical engineering	1,039	1,046	1,125	1,089	1,032	1,133	1,163	1,082	1,063	1,228	1,302	25.3
Chemical and petroleum engineering	977	1,143	1,186	1,080	1,106	1,168	1,194	1,191	1,204	1,259	1,245	27.4
Civil, environmental, and transportation engineering	1,023	1,161	1,213	1,087	1,216	1,178	1,317	1,305	1,177	1,390	1,368	33.7
Electrical and computer engineering	2,345	2,446	2,437	2,243	2,319	2,393	2,260	2,461	2,510	2,722	2,653	13.1
Industrial engineering and operations research	474	510	436	499	485	492	505	567	580	612	578	21.9
Materials and mining engineering	872	856	905	1,015	962	1,018	1,016	901	950	1,161	1,159	32.9
Mechanical engineering	1,336	1,411	1,548	1,417	1,496	1,610	1,677	1,777	1,584	1,650	1,653	23.7
Engineering, other	586	667	664	659	778	789	787	785	790	911	859	46.6
Geosciences, atmospheric, and ocean sciences	989	1,098	1,057	1,227	1,169	1,185	1,272	1,241	1,064	1,181	1,231	24.5
Geological sciences	489	579	554	618	572	591	621	673	543	576	592	21.1
Ocean, marine, and atmospheric sciences	500	519	503	609	597	594	651	568	521	605	639	27.8
Health sciences	2,109	2,236	2,220	2,248	2,443	2,473	2,532	2,606	2,250	2,473	2,435	15.5
Nursing science	510	580	536	482	552	584	546	590	513	536	554	8.6

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Pharmaceutical sciences	332	279	270	274	292	344	358	382	329	371	358	7.8
Public health	501	565	641	694	769	702	768	714	615	713	682	36.1
Health sciences, other	766	812	773	798	830	843	860	920	793	853	841	9.8
Mathematics and statistics	1,817	1,874	1,815	1,872	1,844	2,022	2,010	2,024	2,010	2,247	2,167	19.3
Applied mathematics	455	476	435	474	493	455	427	419	426	460	460	1.1
Mathematics	641	635	635	350	392	524	445	378	235	226	231	-64.0
Statistics	364	407	381	265	368	412	365	402	488	596	574	57.7
Mathematics and statistics, other	357	356	364	783	591	631	773	825	861	965	902	152.7
Physical sciences	4,595	4,812	4,859	5,024	4,913	5,144	5,306	5,000	4,710	5,468	5,460	18.8
Astronomy and astrophysics	301	289	269	315	339	351	361	305	456	521	603	100.3
Chemistry	2,484	2,673	2,666	2,703	2,699	2,807	2,939	2,761	2,552	3,060	3,001	20.8
Physics	1,810	1,850	1,924	2,006	1,875	1,986	2,006	1,934	1,702	1,887	1,856	2.5
Psychology	3,592	3,724	3,776	3,910	3,925	3,821	3,909	3,868	3,777	3,952	3,899	8.5
Clinical psychology	1,140	1,220	1,173	1,207	1,193	1,260	1,249	1,278	1,241	1,135	1,208	6.0
Counseling and applied psychology	965	928	1,034	1,001	1,019	1,003	978	980	1,029	1,072	1,001	3.7
Research and experimental psychology	969	1,007	974	1,066	1,034	952	1,042	881	834	1,066	1,003	3.5
Psychology, other	518	569	595	636	679	606	640	729	673	679	687	32.6
Social sciences	5,041	5,102	5,369	5,193	5,188	5,054	5,134	5,060	4,875	5,238	5,199	3.1
Anthropology	550	523	492	460	446	424	445	447	399	415	389	-29.3
Economics	1,183	1,196	1,255	1,236	1,239	1,244	1,247	1,212	1,229	1,287	1,290	9.0
Political science and government	803	775	859	745	743	734	707	636	581	676	665	-17.2
Public policy analysis	348	327	374	291	293	323	287	306	269	306	299	-14.1
Sociology, demography, and population studies	663	710	762	650	705	695	650	630	578	624	627	-5.4
Social sciences, other	1,494	1,571	1,627	1,811	1,762	1,634	1,798	1,829	1,819	1,930	1,929	29.1
Non-science and engineering	13,619	13,278	13,639	13,503	13,186	12,934	12,702	12,639	11,341	12,046	12,329	-9.5
Business	1,551	1,584	1,582	1,509	1,566	1,473	1,529	1,466	1,389	1,447	1,560	0.6
Education	4,934	4,789	5,098	5,146	4,825	4,818	4,628	4,712	4,239	4,471	4,562	-7.5
Education leadership and administration	965	893	920	824	921	895	835	929	701	719	735	-23.8
Education research	2,703	2,560	2,772	2,384	2,418	2,500	2,304	2,308	2,198	2,274	2,324	-14.0
Teacher education and teaching fields	1,001	1,067	1,109	1,346	1,039	1,055	1,061	1,051	905	996	1,020	1.9
Education, other	265	269	297	592	447	368	428	424	435	482	483	82.3
Humanities and arts	5,662	5,446	5,522	5,416	5,209	5,139	5,051	4,924	4,132	4,456	4,453	-21.4
Letters	1,606	1,551	1,583	1,531	1,462	1,439	1,386	1,389	1,192	1,292	1,322	-17.7
Foreign languages and literature	701	674	656	599	619	617	610	564	377	442	440	-37.2
History	1,095	1,108	1,074	1,082	980	948	912	884	724	749	763	-30.3
Philosophy and religious studies	828	773	804	735	757	758	682	667	594	639	614	-25.8

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(Number)

Field and sex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change 2013–23
Music and performing arts	591	509	529	476	521	486	503	559	479	470	471	-20.3
Humanities and arts, other	841	831	876	993	870	891	958	861	766	864	843	0.2
Other non-science and engineering	1,472	1,459	1,437	1,432	1,586	1,504	1,494	1,537	1,581	1,672	1,754	19.2
Communication	645	663	667	672	622	630	543	591	508	580	631	-2.2
Public administration and social services	457	444	428	437	480	496	537	530	506	488	535	17.1
Non-science and engineering, other	370	352	342	323	484	378	414	416	567	604	588	58.9
Male	28,326	29,008	29,532	29,572	29,442	29,742	30,105	29,844	28,045	30,457	30,356	7.2
Science and engineering	22,471	23,341	23,741	23,949	23,877	24,239	24,801	24,467	23,263	25,569	25,421	13.1
Agricultural sciences and natural resources	730	719	766	776	786	770	775	768	703	719	669	-8.4
Agricultural sciences	450	444	463	461	512	499	512	506	480	485	454	0.9
Natural resources and conservation	280	275	303	315	274	271	263	262	223	234	215	-23.2
Biological and biomedical sciences	4,058	4,088	4,100	4,154	4,088	4,079	4,192	3,883	3,810	4,212	4,251	4.8
Biochemistry and biophysics	534	524	511	525	553	500	558	463	422	463	450	-15.7
Biology and biomedical sciences, general	287	302	296	474	376	410	411	453	447	527	566	97.2
Bioinformatics, biostatistics, and computational biology	274	275	279	333	310	343	405	338	365	442	438	59.9
Cellular and developmental biology, and anatomy	294	277	253	229	220	211	183	184	111	112	95	-67.7
Ecology, evolutionary biology, and epidemiology	436	414	473	439	421	447	439	378	373	418	431	-1.1
Genetics and genomics	184	175	158	139	159	145	158	148	172	189	214	16.3
Microbiology and immunology	489	487	507	477	439	469	462	436	425	475	495	1.2
Molecular biology	299	309	288	245	311	256	244	270	346	363	358	19.7
Neurobiology and neurosciences	447	518	516	485	483	467	535	484	417	502	466	4.3
Pharmacology and toxicology	188	203	164	155	175	159	149	150	147	159	180	-4.3
Physiology, pathology, and cancer biology	349	330	352	305	314	339	295	250	274	259	275	-21.2
Biology and biomedical sciences, other	277	274	303	348	327	333	353	329	311	303	283	2.2
Computer and information sciences	1,502	1,580	1,581	1,662	1,566	1,565	1,711	1,861	1,774	1,959	1,978	31.7
Computer science	1,315	1,360	1,346	1,361	1,300	1,331	1,451	1,572	1,400	1,389	1,462	11.2
Computer and information sciences, other	187	220	235	301	266	234	260	289	374	570	516	175.9
Engineering	6,946	7,401	7,578	7,267	7,447	7,710	7,830	7,875	7,575	8,407	8,381	20.7
Aerospace, aeronautical, and astronautical engineering	293	330	308	314	337	337	323	329	310	488	491	67.6
Bioengineering and biomedical engineering	684	660	698	686	613	687	720	652	630	671	737	7.7
Chemical and petroleum engineering	681	817	825	750	794	835	831	851	838	842	891	30.8
Civil, environmental, and transportation engineering	726	837	843	803	835	809	963	923	789	941	920	26.7
Electrical and computer engineering	2,003	2,044	2,081	1,886	1,928	1,964	1,905	2,015	2,064	2,200	2,128	6.2
Industrial engineering and operations research	346	372	300	363	363	365	379	399	417	442	406	17.3
Materials and mining engineering	646	634	677	746	716	737	720	654	658	794	814	26.0
Mechanical engineering	1,134	1,198	1,336	1,209	1,264	1,379	1,410	1,495	1,300	1,344	1,363	20.2

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(Number)

Field and sex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change 2013–23
Engineering, other	433	509	510	510	597	597	579	557	569	685	631	45.7
Geosciences, atmospheric, and ocean sciences	539	622	600	716	657	659	738	736	594	634	676	25.4
Geological sciences	278	329	317	369	338	342	392	408	308	338	332	19.4
Ocean, marine, and atmospheric sciences	261	293	283	347	319	317	346	328	286	296	344	31.8
Health sciences	704	707	697	698	787	799	839	891	718	785	734	4.3
Nursing science	42	44	33	36	62	51	65	73	59	63	57	35.7
Pharmaceutical sciences	174	144	148	145	149	189	182	216	154	179	165	-5.2
Public health	151	161	144	168	226	189	220	201	170	198	170	12.6
Health sciences, other	337	358	372	349	350	370	372	401	335	345	342	1.5
Mathematics and statistics	1,290	1,332	1,296	1,332	1,340	1,471	1,426	1,434	1,453	1,611	1,571	21.8
Applied mathematics	310	349	293	335	355	331	297	296	300	328	325	4.8
Mathematics	508	494	516	272	321	418	337	293	188	186	198	-61.0
Statistics	221	254	230	158	236	254	222	253	326	384	373	68.8
Mathematics and statistics, other	251	235	257	567	428	468	570	592	639	713	675	168.9
Physical sciences	3,178	3,346	3,328	3,569	3,446	3,552	3,624	3,437	3,156	3,666	3,612	13.7
Astronomy and astrophysics	204	209	193	218	229	245	251	202	311	360	426	108.8
Chemistry	1,497	1,642	1,592	1,712	1,676	1,741	1,788	1,668	1,471	1,806	1,713	14.4
Physics	1,477	1,495	1,543	1,639	1,541	1,566	1,585	1,567	1,374	1,500	1,473	-0.3
Psychology	997	1,063	1,057	1,133	1,132	1,095	1,113	1,079	1,063	1,042	985	-1.2
Clinical psychology	251	278	249	282	282	275	305	285	316	238	251	0.0
Counseling and applied psychology	256	272	282	296	282	273	235	271	264	275	234	-8.6
Research and experimental psychology	338	352	369	381	379	370	382	323	294	362	335	-0.9
Psychology, other	152	161	157	174	189	177	191	200	189	167	165	8.6
Social sciences	2,527	2,483	2,738	2,642	2,628	2,539	2,553	2,503	2,417	2,534	2,564	1.5
Anthropology	188	195	185	171	159	126	155	144	120	128	139	-26.1
Economics	767	785	821	819	827	848	818	808	820	850	854	11.3
Political science and government	469	433	527	462	456	429	433	387	339	398	384	-18.1
Public policy analysis	155	134	159	121	144	159	138	123	122	120	130	-16.1
Sociology, demography, and population studies	268	262	291	274	275	258	239	257	219	236	240	-10.4
Social sciences, other	680	674	755	795	767	719	770	784	797	802	817	20.1
Non-science and engineering	5,855	5,667	5,791	5,623	5,565	5,503	5,304	5,377	4,782	4,888	4,935	-15.7
Business	909	909	934	932	901	863	870	850	793	807	856	-5.8
Education	1,570	1,468	1,605	1,545	1,534	1,494	1,419	1,457	1,234	1,276	1,222	-22.2
Education leadership and administration	372	371	344	304	348	323	340	349	242	230	253	-32.0
Education research	826	723	849	718	778	762	654	674	640	629	578	-30.0
Teacher education and teaching fields	297	300	330	356	286	289	279	319	234	275	278	-6.4

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Field and sex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change 2013–23
Education, other	75	74	82	167	122	120	146	115	118	142	113	50.7
Humanities and arts	2,806	2,721	2,725	2,605	2,564	2,564	2,478	2,506	2,112	2,184	2,211	-21.2
Letters	665	657	647	600	593	585	560	587	489	504	558	-16.1
Foreign languages and literature	271	248	238	228	239	247	215	223	170	177	171	-36.9
History	609	625	594	587	560	513	529	510	409	395	424	-30.4
Philosophy and religious studies	570	537	565	464	537	523	442	462	385	416	395	-30.7
Music and performing arts	300	288	278	239	252	262	271	298	257	256	254	-15.3
Humanities and arts, other	391	366	403	487	383	434	461	426	402	436	409	4.6
Other non-science and engineering	570	569	527	541	566	582	537	564	643	621	646	13.3
Communication	244	277	256	261	200	234	205	228	213	197	238	-2.5
Public administration and social services	142	129	110	130	150	157	160	164	163	154	148	4.2
Non-science and engineering, other	184	163	161	150	216	191	172	172	267	270	260	41.3
Female	24,365	24,813	25,347	25,222	25,086	25,308	25,484	25,353	24,105	26,986	27,499	12.9
Science and engineering	16,603	17,228	17,501	17,346	17,470	17,886	18,088	18,092	17,548	19,832	20,106	21.1
Agricultural sciences and natural resources	661	660	724	651	755	726	763	762	709	790	808	22.2
Agricultural sciences	423	409	440	389	456	460	490	507	476	516	553	30.7
Natural resources and conservation	238	251	284	262	299	266	273	255	233	274	255	7.1
Biological and biomedical sciences	4,646	4,747	4,682	4,707	4,477	4,700	4,485	4,520	4,319	4,996	5,323	14.6
Biochemistry and biophysics	469	477	419	472	446	463	407	396	375	462	443	-5.5
Biology and biomedical sciences, general	370	375	378	625	431	477	503	603	529	707	762	105.9
Bioinformatics, biostatistics, and computational biology	152	189	173	192	238	237	242	262	257	321	356	134.2
Cellular and developmental biology, and anatomy	303	326	343	259	207	216	229	180	109	105	130	-57.1
Ecology, evolutionary biology, and epidemiology	594	541	568	585	596	612	594	574	574	662	687	15.7
Genetics and genomics	212	226	200	199	185	218	183	199	203	226	245	15.6
Microbiology and immunology	653	644	661	565	537	573	547	565	547	613	597	-8.6
Molecular biology	347	357	344	304	323	340	311	305	394	434	492	41.8
Neurobiology and neurosciences	569	528	573	512	501	566	498	488	494	544	620	9.0
Pharmacology and toxicology	230	255	216	182	196	202	201	175	164	227	229	-0.4
Physiology, pathology, and cancer biology	373	453	422	381	369	351	342	321	288	323	333	-10.7
Biology and biomedical sciences, other	374	376	385	431	448	445	428	452	385	372	429	14.7
Computer and information sciences	341	400	422	420	432	434	508	502	586	648	709	107.9
Computer science	253	299	312	289	292	296	363	381	408	433	475	87.7
Computer and information sciences, other	88	101	110	131	140	138	145	121	178	215	234	165.9
Engineering	2,052	2,184	2,297	2,189	2,321	2,450	2,466	2,591	2,654	3,112	3,022	47.3
Aerospace, aeronautical, and astronautical engineering	55	55	53	56	43	46	56	70	62	98	95	72.7
Bioengineering and biomedical engineering	355	384	427	403	419	445	443	430	432	557	565	59.2

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Chemical and petroleum engineering	296	324	361	329	310	333	363	340	366	417	354	19.6
Civil, environmental, and transportation engineering	297	319	370	284	379	369	354	381	388	449	448	50.8
Electrical and computer engineering	340	389	356	356	390	429	354	446	446	522	525	54.4
Industrial engineering and operations research	128	137	136	136	121	127	126	168	163	170	172	34.4
Materials and mining engineering	226	217	228	268	246	281	295	247	292	367	345	52.7
Mechanical engineering	202	205	212	208	232	229	267	282	284	306	290	43.6
Engineering, other	153	154	154	149	181	191	208	227	221	226	228	49.0
Geosciences, atmospheric, and ocean sciences	449	475	457	510	512	526	533	505	470	547	554	23.4
Geological sciences	211	250	237	248	234	249	229	265	235	238	260	23.2
Ocean, marine, and atmospheric sciences	238	225	220	262	278	277	304	240	235	309	294	23.5
Health sciences	1,405	1,523	1,523	1,550	1,655	1,674	1,693	1,715	1,532	1,688	1,701	21.1
Nursing science	468	536	503	446	490	533	481	517	454	473	497	6.2
Pharmaceutical sciences	158	132	122	129	143	155	176	166	175	192	193	22.2
Public health	350	402	497	526	543	513	548	513	445	515	512	46.3
Health sciences, other	429	453	401	449	479	473	488	519	458	508	499	16.3
Mathematics and statistics	527	534	517	539	503	548	584	590	557	636	595	12.9
Applied mathematics	145	125	142	139	138	123	130	123	126	132	135	-6.9
Mathematics	133	141	119	77	71	106	108	85	47	40	33	-75.2
Statistics	143	153	150	107	132	157	143	149	162	212	201	40.6
Mathematics and statistics, other	106	115	106	216	162	162	203	233	222	252	226	113.2
Physical sciences	1,415	1,449	1,530	1,453	1,466	1,589	1,679	1,561	1,552	1,802	1,847	30.5
Astronomy and astrophysics	97	79	76	97	110	106	110	103	145	161	177	82.5
Chemistry	985	1,021	1,074	991	1,022	1,066	1,151	1,091	1,081	1,254	1,287	30.7
Physics	333	349	380	365	334	417	418	367	326	387	383	15.0
Psychology	2,594	2,648	2,719	2,776	2,793	2,726	2,796	2,789	2,714	2,910	2,913	12.3
Clinical psychology	888	934	924	924	911	985	944	993	925	897	957	7.8
Counseling and applied psychology	709	652	752	705	737	730	743	709	765	797	767	8.2
Research and experimental psychology	631	654	605	685	655	582	660	558	540	704	668	5.9
Psychology, other	366	408	438	462	490	429	449	529	484	512	521	42.3
Social sciences	2,513	2,608	2,630	2,551	2,556	2,513	2,581	2,557	2,455	2,703	2,634	4.8
Anthropology	362	328	307	289	287	298	290	303	279	287	250	-30.9
Economics	416	404	434	417	410	396	429	404	408	437	435	4.6
Political science and government	333	341	332	283	287	304	274	249	242	278	281	-15.6
Public policy analysis	193	193	214	170	148	164	149	183	147	186	169	-12.4
Sociology, demography, and population studies	395	448	471	376	429	437	411	373	359	388	387	-2.0
Social sciences, other	814	894	872	1,016	995	914	1,028	1,045	1,020	1,127	1,112	36.6

TABLE 1-5

Research doctorate recipients, by trend major field of doctorate and sex: 2013–23

(Number)

Field and sex	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% change 2013–23
Non-science and engineering	7,762	7,585	7,846	7,876	7,616	7,422	7,396	7,261	6,557	7,154	7,393	-4.8
Business	641	669	648	575	664	607	659	616	596	640	704	9.8
Education	3,364	3,311	3,492	3,601	3,289	3,323	3,209	3,254	3,004	3,195	3,340	-0.7
Education leadership and administration	593	522	576	520	573	572	495	579	459	489	482	-18.7
Education research	1,877	1,828	1,922	1,666	1,639	1,737	1,650	1,634	1,558	1,645	1,746	-7.0
Teacher education and teaching fields	704	766	779	990	752	766	782	732	670	721	742	5.4
Education, other	190	195	215	425	325	248	282	309	317	340	370	94.7
Humanities and arts	2,855	2,721	2,796	2,810	2,644	2,572	2,571	2,418	2,019	2,270	2,241	-21.5
Letters	941	894	936	931	869	853	826	802	702	787	764	-18.8
Foreign languages and literature	430	424	418	371	380	370	394	341	207	265	269	-37.4
History	486	482	480	495	420	435	383	374	315	354	339	-30.2
Philosophy and religious studies	258	236	238	271	219	233	240	205	209	222	219	-15.1
Music and performing arts	290	220	251	237	269	224	231	261	222	214	217	-25.2
Humanities and arts, other	450	465	473	505	487	457	497	435	364	428	433	-3.8
Other non-science and engineering	902	884	910	890	1,019	920	957	973	938	1,049	1,108	22.8
Communication	401	383	411	410	422	395	338	363	295	383	393	-2.0
Public administration and social services	315	315	318	307	330	338	377	366	343	332	387	22.9
Non-science and engineering, other	186	186	181	173	267	187	242	244	300	334	328	76.3

^a All doctorate recipients includes doctorate recipients who did not report sex.

Note(s):

Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection; the trend fields were constructed using the SED-CIP code crosswalk in table A-6. Therefore, the field of doctorate data prior to 2021 may not be comparable to subsequent years. For more information about the field taxonomy changes, see the "Technical Notes."

Source(s):

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