

Table 1-5. Research doctorate recipients, by trend major field of doctorate and sex: 2014–24

(Number)

Field and sex	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	% change 2014–24
All doctorate recipients ^a	53,986	54,886	54,809	54,550	55,077	55,598	55,200	52,159	57,439	57,806	58,131	7.7
Science and engineering	40,708	41,247	41,306	41,364	42,144	42,897	42,561	40,818	45,393	45,493	45,929	12.8
Agricultural sciences and natural resources	1,380	1,490	1,428	1,543	1,499	1,538	1,531	1,412	1,509	1,477	1,478	7.1
Agricultural sciences	854	903	851	969	960	1,002	1,013	956	1,001	1,007	992	16.2
Natural resources and conservation	526	587	577	574	539	536	518	456	508	470	486	-7.6
Biological and biomedical sciences	8,868	8,783	8,863	8,567	8,782	8,678	8,403	8,131	9,206	9,566	9,700	9.4
Biochemistry and biophysics	1,006	930	997	999	963	966	859	797	925	893	926	-8.0
Biology and biomedical sciences, general	683	674	1,100	808	888	914	1,056	978	1,234	1,325	1,326	94.1
Bioinformatics, biostatistics, and computational biology	465	452	525	549	580	647	600	622	763	794	805	73.1
Cellular and developmental biology, and anatomy	607	596	488	427	427	412	364	220	217	224	220	-63.8
Ecology, evolutionary biology, and epidemiology	956	1,041	1,025	1,017	1,059	1,033	952	947	1,080	1,117	1,131	18.3
Genetics and genomics	401	358	338	344	363	341	347	375	415	458	451	12.5
Microbiology and immunology	1,133	1,168	1,042	976	1,042	1,009	1,001	972	1,088	1,092	1,092	-3.6
Molecular biology	670	632	549	634	596	555	575	740	796	849	872	30.1
Neurobiology and neurosciences	1,048	1,089	997	984	1,033	1,033	972	911	1,045	1,087	1,125	7.3
Pharmacology and toxicology	458	381	337	371	361	350	325	311	386	408	377	-17.7
Physiology, pathology, and cancer biology	788	774	686	683	690	637	571	562	582	607	631	-19.9
Biology and biomedical sciences, other	653	688	779	775	780	781	781	696	675	712	744	13.9
Computer and information sciences	1,988	2,003	2,082	1,998	2,000	2,220	2,363	2,360	2,607	2,686	2,982	50.0
Computer science	1,664	1,658	1,650	1,592	1,628	1,814	1,953	1,808	1,822	1,937	2,195	31.9
Computer and information sciences, other	324	345	432	406	372	406	410	552	785	749	787	142.9
Engineering	9,626	9,875	9,459	9,774	10,164	10,298	10,468	10,230	11,516	11,398	11,169	16.0
Aerospace, aeronautical, and astronautical engineering	386	361	370	380	383	379	399	372	586	586	598	54.9
Bioengineering and biomedical engineering	1,046	1,125	1,089	1,032	1,133	1,163	1,082	1,063	1,227	1,301	1,282	22.6
Chemical and petroleum engineering	1,143	1,186	1,080	1,106	1,168	1,194	1,191	1,204	1,259	1,245	1,248	9.2
Civil, environmental, and transportation engineering	1,161	1,213	1,087	1,216	1,178	1,317	1,305	1,177	1,390	1,366	1,329	14.5
Electrical and computer engineering	2,446	2,437	2,243	2,319	2,393	2,260	2,461	2,510	2,721	2,653	2,576	5.3
Industrial engineering and operations research	510	436	499	485	492	505	567	580	612	577	584	14.5
Materials and mining engineering	856	905	1,015	962	1,018	1,016	901	950	1,161	1,159	1,088	27.1
Mechanical engineering	1,411	1,548	1,417	1,496	1,610	1,677	1,777	1,584	1,649	1,653	1,624	15.1
Engineering, other	667	664	659	778	789	787	785	790	911	858	840	25.9
Geosciences, atmospheric, and ocean sciences	1,098	1,057	1,227	1,169	1,185	1,272	1,241	1,064	1,181	1,231	1,229	11.9
Geological sciences	579	554	618	572	591	621	673	543	576	592	608	5.0
Ocean, marine, and atmospheric sciences	519	503	609	597	594	651	568	521	605	639	621	19.7
Health sciences	2,236	2,220	2,248	2,443	2,473	2,532	2,606	2,249	2,472	2,435	2,509	12.2
Nursing science	580	536	482	552	584	546	590	513	536	554	498	-14.1
Pharmaceutical sciences	279	270	274	292	344	358	382	329	370	358	370	32.6
Public health	565	641	694	769	702	768	714	615	713	683	731	29.4

Table 1-5. Research doctorate recipients, by trend major field of doctorate and sex: 2014–24

(Number)

Field and sex	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	% change 2014–24
Health sciences, other	812	773	798	830	843	860	920	792	853	840	910	12.1
Mathematics and statistics	1,874	1,815	1,872	1,844	2,022	2,010	2,024	2,010	2,247	2,165	2,093	11.7
Applied mathematics	476	435	474	493	455	427	419	426	460	458	416	-12.6
Mathematics	635	635	350	392	524	445	378	235	226	231	227	-64.3
Statistics	407	381	265	368	412	365	402	488	596	574	537	31.9
Mathematics and statistics, other	356	364	783	591	631	773	825	861	965	902	913	156.5
Physical sciences	4,812	4,859	5,024	4,913	5,144	5,306	5,000	4,710	5,467	5,456	5,401	12.2
Astronomy and astrophysics	289	269	315	339	351	361	305	456	521	603	576	99.3
Chemistry	2,673	2,666	2,703	2,699	2,807	2,939	2,761	2,552	3,060	2,997	3,031	13.4
Physics	1,850	1,924	2,006	1,875	1,986	2,006	1,934	1,702	1,886	1,856	1,794	-3.0
Psychology	3,724	3,776	3,910	3,925	3,821	3,909	3,865	3,777	3,952	3,883	4,083	9.6
Clinical psychology	1,220	1,173	1,207	1,193	1,260	1,249	1,277	1,241	1,135	1,201	1,169	-4.2
Counseling and applied psychology	928	1,034	1,001	1,019	1,003	978	980	1,029	1,072	998	1,153	24.2
Research and experimental psychology	1,007	974	1,066	1,034	952	1,042	880	834	1,066	1,001	1,013	0.6
Psychology, other	569	595	636	679	606	640	728	673	679	683	748	31.5
Social sciences	5,102	5,369	5,193	5,188	5,054	5,134	5,060	4,875	5,236	5,196	5,285	3.6
Anthropology	523	492	460	446	424	445	447	399	415	389	407	-22.2
Economics	1,196	1,255	1,236	1,239	1,244	1,247	1,212	1,229	1,287	1,289	1,283	7.3
Political science and government	775	859	745	743	734	707	636	581	676	662	674	-13.0
Public policy analysis	327	374	291	293	323	287	306	269	306	299	315	-3.7
Sociology, demography, and population studies	710	762	650	705	695	650	630	578	624	627	638	-10.1
Social sciences, other	1,571	1,627	1,811	1,762	1,634	1,798	1,829	1,819	1,928	1,930	1,968	25.3
Non-science and engineering	13,278	13,639	13,503	13,186	12,933	12,701	12,639	11,341	12,046	12,313	12,202	-8.1
Business	1,584	1,582	1,509	1,566	1,473	1,528	1,466	1,389	1,447	1,557	1,400	-11.6
Education	4,789	5,098	5,146	4,825	4,817	4,628	4,712	4,239	4,471	4,554	4,534	-5.3
Education leadership and administration	893	920	824	921	895	835	929	701	719	734	708	-20.7
Education research	2,560	2,772	2,384	2,418	2,499	2,304	2,308	2,198	2,274	2,321	2,314	-9.6
Teacher education and teaching fields	1,067	1,109	1,346	1,039	1,055	1,061	1,051	905	996	1,019	1,048	-1.8
Education, other	269	297	592	447	368	428	424	435	482	480	464	72.5
Humanities and arts	5,446	5,522	5,416	5,209	5,139	5,051	4,924	4,132	4,456	4,452	4,491	-17.5
Letters	1,551	1,583	1,531	1,462	1,439	1,386	1,389	1,192	1,292	1,321	1,277	-17.7
Foreign languages and literature	674	656	599	619	617	610	564	377	442	440	428	-36.5
History	1,108	1,074	1,082	980	948	912	884	724	749	763	755	-31.9
Philosophy and religious studies	773	804	735	757	758	682	667	594	639	614	612	-20.8
Music and performing arts	509	529	476	521	486	503	559	479	470	471	505	-0.8
Humanities and arts, other	831	876	993	870	891	958	861	766	864	843	914	10.0
Other non-science and engineering	1,459	1,437	1,432	1,586	1,504	1,494	1,537	1,581	1,672	1,750	1,777	21.8
Communication	663	667	672	622	630	543	591	508	580	631	637	-3.9

Table 1-5. Research doctorate recipients, by trend major field of doctorate and sex: 2014–24

(Number)

Field and sex	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	% change 2014–24
Public administration and social services	444	428	437	480	496	537	530	506	488	535	552	24.3
Non-science and engineering, other	352	342	323	484	378	414	416	567	604	584	588	67.0
Male	29,008	29,532	29,572	29,442	29,741	30,105	29,844	28,044	30,451	30,332	29,885	3.0
Science and engineering	23,341	23,741	23,949	23,877	24,239	24,801	24,467	23,262	25,563	25,403	25,146	7.7
Agricultural sciences and natural resources	719	766	776	786	770	775	768	703	719	669	687	-4.5
Agricultural sciences	444	463	461	512	499	512	506	480	485	454	463	4.3
Natural resources and conservation	275	303	315	274	271	263	262	223	234	215	224	-18.5
Biological and biomedical sciences	4,088	4,100	4,154	4,088	4,079	4,192	3,883	3,810	4,211	4,244	4,205	2.9
Biochemistry and biophysics	524	511	525	553	500	558	463	422	463	450	462	-11.8
Biology and biomedical sciences, general	302	296	474	376	410	411	453	447	527	565	558	84.8
Bioinformatics, biostatistics, and computational biology	275	279	333	310	343	405	338	365	442	438	442	60.7
Cellular and developmental biology, and anatomy	277	253	229	220	211	183	184	111	112	95	109	-60.6
Ecology, evolutionary biology, and epidemiology	414	473	439	421	447	439	378	373	418	430	404	-2.4
Genetics and genomics	175	158	139	159	145	158	148	172	189	213	203	16.0
Microbiology and immunology	487	507	477	439	469	462	436	425	475	495	436	-10.5
Molecular biology	309	288	245	311	256	244	270	346	362	356	386	24.9
Neurobiology and neurosciences	518	516	485	483	467	535	484	417	502	466	492	-5.0
Pharmacology and toxicology	203	164	155	175	159	149	150	147	159	179	138	-32.0
Physiology, pathology, and cancer biology	330	352	305	314	339	295	250	274	259	274	259	-21.5
Biology and biomedical sciences, other	274	303	348	327	333	353	329	311	303	283	316	15.3
Computer and information sciences	1,580	1,581	1,662	1,566	1,565	1,711	1,861	1,774	1,959	1,977	2,185	38.3
Computer science	1,360	1,346	1,361	1,300	1,331	1,451	1,572	1,400	1,389	1,462	1,663	22.3
Computer and information sciences, other	220	235	301	266	234	260	289	374	570	515	522	137.3
Engineering	7,401	7,578	7,267	7,447	7,710	7,830	7,875	7,575	8,405	8,378	8,101	9.5
Aerospace, aeronautical, and astronautical engineering	330	308	314	337	337	323	329	310	488	491	494	49.7
Bioengineering and biomedical engineering	660	698	686	613	687	720	652	630	670	736	713	8.0
Chemical and petroleum engineering	817	825	750	794	835	831	851	838	842	891	850	4.0
Civil, environmental, and transportation engineering	837	843	803	835	809	963	923	789	941	918	884	5.6
Electrical and computer engineering	2,044	2,081	1,886	1,928	1,964	1,905	2,015	2,064	2,199	2,128	2,075	1.5
Industrial engineering and operations research	372	300	363	363	365	379	399	417	442	405	398	7.0
Materials and mining engineering	634	677	746	716	737	720	654	658	794	814	759	19.7
Mechanical engineering	1,198	1,336	1,209	1,264	1,379	1,410	1,495	1,300	1,344	1,363	1,311	9.4
Engineering, other	509	510	510	597	597	579	557	569	685	632	617	21.2
Geosciences, atmospheric, and ocean sciences	622	600	716	657	659	738	736	594	634	676	619	-0.5
Geological sciences	329	317	369	338	342	392	408	308	338	332	309	-6.1
Ocean, marine, and atmospheric sciences	293	283	347	319	317	346	328	286	296	344	310	5.8
Health sciences	707	697	698	787	799	839	891	717	785	733	754	6.6
Nursing science	44	33	36	62	51	65	73	59	63	57	57	29.5

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(Number)

Field and sex	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	% change 2014–24
Pharmaceutical sciences	144	148	145	149	189	182	216	154	179	165	171	18.8
Public health	161	144	168	226	189	220	201	170	198	170	195	21.1
Health sciences, other	358	372	349	350	370	372	401	334	345	341	331	-7.5
Mathematics and statistics	1,332	1,296	1,332	1,340	1,471	1,426	1,434	1,453	1,611	1,570	1,449	8.8
Applied mathematics	349	293	335	355	331	297	296	300	328	324	271	-22.3
Mathematics	494	516	272	321	418	337	293	188	186	198	176	-64.4
Statistics	254	230	158	236	254	222	253	326	384	373	364	43.3
Mathematics and statistics, other	235	257	567	428	468	570	592	639	713	675	638	171.5
Physical sciences	3,346	3,328	3,569	3,446	3,552	3,624	3,437	3,156	3,665	3,611	3,543	5.9
Astronomy and astrophysics	209	193	218	229	245	251	202	311	360	426	398	90.4
Chemistry	1,642	1,592	1,712	1,676	1,741	1,788	1,668	1,471	1,806	1,712	1,732	5.5
Physics	1,495	1,543	1,639	1,541	1,566	1,585	1,567	1,374	1,499	1,473	1,413	-5.5
Psychology	1,063	1,057	1,133	1,132	1,095	1,113	1,079	1,063	1,042	982	1,057	-0.6
Clinical psychology	278	249	282	282	275	305	285	316	238	250	240	-13.7
Counseling and applied psychology	272	282	296	282	273	235	271	264	275	233	292	7.4
Research and experimental psychology	352	369	381	379	370	382	323	294	362	335	324	-8.0
Psychology, other	161	157	174	189	177	191	200	189	167	164	201	24.8
Social sciences	2,483	2,738	2,642	2,628	2,539	2,553	2,503	2,417	2,532	2,563	2,546	2.5
Anthropology	195	185	171	159	126	155	144	120	128	139	133	-31.8
Economics	785	821	819	827	848	818	808	820	850	854	844	7.5
Political science and government	433	527	462	456	429	433	387	339	398	384	392	-9.5
Public policy analysis	134	159	121	144	159	138	123	122	120	130	130	-3.0
Sociology, demography, and population studies	262	291	274	275	258	239	257	219	236	240	216	-17.6
Social sciences, other	674	755	795	767	719	770	784	797	800	816	831	23.3
Non-science and engineering	5,667	5,791	5,623	5,565	5,502	5,304	5,377	4,782	4,888	4,929	4,739	-16.4
Business	909	934	932	901	863	870	850	793	807	854	752	-17.3
Education	1,468	1,605	1,545	1,534	1,493	1,419	1,457	1,234	1,276	1,220	1,225	-16.6
Education leadership and administration	371	344	304	348	323	340	349	242	230	253	215	-42.0
Education research	723	849	718	778	761	654	674	640	629	578	603	-16.6
Teacher education and teaching fields	300	330	356	286	289	279	319	234	275	278	266	-11.3
Education, other	74	82	167	122	120	146	115	118	142	111	141	90.5
Humanities and arts	2,721	2,725	2,605	2,564	2,564	2,478	2,506	2,112	2,184	2,211	2,156	-20.8
Letters	657	647	600	593	585	560	587	489	504	557	488	-25.7
Foreign languages and literature	248	238	228	239	247	215	223	170	177	171	190	-23.4
History	625	594	587	560	513	529	510	409	395	424	406	-35.0
Philosophy and religious studies	537	565	464	537	523	442	462	385	416	395	387	-27.9
Music and performing arts	288	278	239	252	262	271	298	257	256	254	278	-3.5
Humanities and arts, other	366	403	487	383	434	461	426	402	436	410	407	11.2

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Field and sex	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	% change 2014–24
Other non-science and engineering	569	527	541	566	582	537	564	643	621	644	606	6.5
Communication	277	256	261	200	234	205	228	213	197	238	205	-26.0
Public administration and social services	129	110	130	150	157	160	164	163	154	148	173	34.1
Non-science and engineering, other	163	161	150	216	191	172	172	267	270	258	228	39.9
Female	24,813	25,347	25,222	25,086	25,308	25,483	25,350	24,105	26,983	27,467	28,245	13.8
Science and engineering	17,228	17,501	17,346	17,470	17,886	18,088	18,089	17,548	19,829	20,084	20,782	20.6
Agricultural sciences and natural resources	660	724	651	755	726	763	762	709	790	808	791	19.8
Agricultural sciences	409	440	389	456	460	490	507	476	516	553	529	29.3
Natural resources and conservation	251	284	262	299	266	273	255	233	274	255	262	4.4
Biological and biomedical sciences	4,747	4,682	4,707	4,477	4,700	4,485	4,520	4,319	4,995	5,321	5,494	15.7
Biochemistry and biophysics	477	419	472	446	463	407	396	375	462	443	464	-2.7
Biology and biomedical sciences, general	375	378	625	431	477	503	603	529	707	760	768	104.8
Bioinformatics, biostatistics, and computational biology	189	173	192	238	237	242	262	257	321	356	363	92.1
Cellular and developmental biology, and anatomy	326	343	259	207	216	229	180	109	105	129	111	-66.0
Ecology, evolutionary biology, and epidemiology	541	568	585	596	612	594	574	574	662	687	727	34.4
Genetics and genomics	226	200	199	185	218	183	199	203	226	245	248	9.7
Microbiology and immunology	644	661	565	537	573	547	565	547	613	597	656	1.9
Molecular biology	357	344	304	323	340	311	305	394	434	492	485	35.9
Neurobiology and neurosciences	528	573	512	501	566	498	488	494	543	621	633	19.9
Pharmacology and toxicology	255	216	182	196	202	201	175	164	227	229	239	-6.3
Physiology, pathology, and cancer biology	453	422	381	369	351	342	321	288	323	333	372	-17.9
Biology and biomedical sciences, other	376	385	431	448	445	428	452	385	372	429	428	13.8
Computer and information sciences	400	422	420	432	434	508	502	586	648	709	797	99.3
Computer science	299	312	289	292	296	363	381	408	433	475	532	77.9
Computer and information sciences, other	101	110	131	140	138	145	121	178	215	234	265	162.4
Engineering	2,184	2,297	2,189	2,321	2,450	2,466	2,591	2,654	3,111	3,020	3,068	40.5
Aerospace, aeronautical, and astronautical engineering	55	53	56	43	46	56	70	62	98	95	104	89.1
Bioengineering and biomedical engineering	384	427	403	419	445	443	430	432	557	565	569	48.2
Chemical and petroleum engineering	324	361	329	310	333	363	340	366	417	354	398	22.8
Civil, environmental, and transportation engineering	319	370	284	379	369	354	381	388	449	448	445	39.5
Electrical and computer engineering	389	356	356	390	429	354	446	446	522	525	501	28.8
Industrial engineering and operations research	137	136	136	121	127	126	168	163	170	172	186	35.8
Materials and mining engineering	217	228	268	246	281	295	247	292	367	345	329	51.6
Mechanical engineering	205	212	208	232	229	267	282	284	305	290	313	52.7
Engineering, other	154	154	149	181	191	208	227	221	226	226	223	44.8
Geosciences, atmospheric, and ocean sciences	475	457	510	512	526	533	505	470	547	554	610	28.4
Geological sciences	250	237	248	234	249	229	265	235	238	260	299	19.6
Ocean, marine, and atmospheric sciences	225	220	262	278	277	304	240	235	309	294	311	38.2

Table 1-5. Research doctorate recipients, by trend major field of doctorate and sex: 2014–24

(Number)

Field and sex	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	% change 2014–24
Health sciences	1,523	1,523	1,550	1,655	1,674	1,693	1,715	1,532	1,687	1,702	1,755	15.2
Nursing science	536	503	446	490	533	481	517	454	473	497	441	-17.7
Pharmaceutical sciences	132	122	129	143	155	176	166	175	191	193	199	50.8
Public health	402	497	526	543	513	548	513	445	515	513	536	33.3
Health sciences, other	453	401	449	479	473	488	519	458	508	499	579	27.8
Mathematics and statistics	534	517	539	503	548	584	590	557	636	594	644	20.6
Applied mathematics	125	142	139	138	123	130	123	126	132	134	145	16.0
Mathematics	141	119	77	71	106	108	85	47	40	33	51	-63.8
Statistics	153	150	107	132	157	143	149	162	212	201	173	13.1
Mathematics and statistics, other	115	106	216	162	162	203	233	222	252	226	275	139.1
Physical sciences	1,449	1,530	1,453	1,466	1,589	1,679	1,561	1,552	1,802	1,844	1,858	28.2
Astronomy and astrophysics	79	76	97	110	106	110	103	145	161	177	178	125.3
Chemistry	1,021	1,074	991	1,022	1,066	1,151	1,091	1,081	1,254	1,284	1,299	27.2
Physics	349	380	365	334	417	418	367	326	387	383	381	9.2
Psychology	2,648	2,719	2,776	2,793	2,726	2,796	2,786	2,714	2,910	2,900	3,026	14.3
Clinical psychology	934	924	924	911	985	944	992	925	897	951	929	-0.5
Counseling and applied psychology	652	752	705	737	730	743	709	765	797	765	861	32.1
Research and experimental psychology	654	605	685	655	582	660	557	540	704	666	689	5.4
Psychology, other	408	438	462	490	429	449	528	484	512	518	547	34.1
Social sciences	2,608	2,630	2,551	2,556	2,513	2,581	2,557	2,455	2,703	2,632	2,739	5.0
Anthropology	328	307	289	287	298	290	303	279	287	250	274	-16.5
Economics	404	434	417	410	396	429	404	408	437	434	439	8.7
Political science and government	341	332	283	287	304	274	249	242	278	278	282	-17.3
Public policy analysis	193	214	170	148	164	149	183	147	186	169	185	-4.1
Sociology, demography, and population studies	448	471	376	429	437	411	373	359	388	387	422	-5.8
Social sciences, other	894	872	1,016	995	914	1,028	1,045	1,020	1,127	1,114	1,137	27.2
Non-science and engineering	7,585	7,846	7,876	7,616	7,422	7,395	7,261	6,557	7,154	7,383	7,463	-1.6
Business	669	648	575	664	607	658	616	596	640	703	648	-3.1
Education	3,311	3,492	3,601	3,289	3,323	3,209	3,254	3,004	3,195	3,334	3,309	-0.1
Education leadership and administration	522	576	520	573	572	495	579	459	489	481	493	-5.6
Education research	1,828	1,922	1,666	1,639	1,737	1,650	1,634	1,558	1,645	1,743	1,711	-6.4
Teacher education and teaching fields	766	779	990	752	766	782	732	670	721	741	782	2.1
Education, other	195	215	425	325	248	282	309	317	340	369	323	65.6
Humanities and arts	2,721	2,796	2,810	2,644	2,572	2,571	2,418	2,019	2,270	2,240	2,335	-14.2
Letters	894	936	931	869	853	826	802	702	787	764	789	-11.7
Foreign languages and literature	424	418	371	380	370	394	341	207	265	269	238	-43.9
History	482	480	495	420	435	383	374	315	354	339	349	-27.6
Philosophy and religious studies	236	238	271	219	233	240	205	209	222	219	225	-4.7

Table 1-5. Research doctorate recipients, by trend major field of doctorate and sex: 2014–24

(Number)

Field and sex	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	% change 2014–24
Music and performing arts	220	251	237	269	224	231	261	222	214	217	227	3.2
Humanities and arts, other	465	473	505	487	457	497	435	364	428	432	507	9.0
Other non-science and engineering	884	910	890	1,019	920	957	973	938	1,049	1,106	1,171	32.5
Communication	383	411	410	422	395	338	363	295	383	393	432	12.8
Public administration and social services	315	318	307	330	338	377	366	343	332	387	379	20.3
Non-science and engineering, other	186	181	173	267	187	242	244	300	334	326	360	93.5

^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.