

Table 11**Doctorate recipients, by broad field of study and Carnegie category of doctorate institution: 2010–19**

(Number)

Field and Carnegie category	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
All doctorate recipients	48,028	48,909	50,943	52,703	53,986	54,886	54,809	54,554	55,103	55,703
Doctoral: Highest research	36,770	37,854	39,297	40,579	41,138	41,490	41,264	41,205	41,462	41,834
Doctoral: Higher research	7,193	7,184	7,529	7,888	8,278	8,676	8,727	8,652	8,754	8,757
Doctoral: Moderate research	1,927	1,755	1,854	2,002	2,396	2,296	2,468	2,436	2,517	2,550
Other universities	2,138	2,116	2,263	2,234	2,174	2,424	2,350	2,261	2,370	2,562
Life sciences ^a	11,319	11,535	11,964	12,207	12,484	12,493	12,539	12,554	12,757	12,781
Doctoral: Highest research	8,658	8,732	9,006	9,175	9,137	9,119	9,165	9,318	9,359	9,293
Doctoral: Higher research	1,316	1,331	1,407	1,499	1,661	1,630	1,667	1,538	1,692	1,665
Doctoral: Moderate research	235	288	283	336	428	429	461	517	458	470
Other universities	1,110	1,184	1,268	1,197	1,258	1,315	1,246	1,181	1,248	1,353
Physical sciences and earth sciences	4,995	5,271	5,419	5,584	5,910	5,916	6,251	6,082	6,332	6,585
Doctoral: Highest research	4,248	4,433	4,561	4,699	4,890	4,956	5,226	5,119	5,298	5,497
Doctoral: Higher research	660	722	746	756	884	855	878	843	902	944
Doctoral: Moderate research	36	46	42	56	74	38	62	53	48	60
Other universities	51	70	70	73	62	67	85	67	84	84
Mathematics and computer sciences	3,223	3,273	3,496	3,660	3,862	3,818	3,954	3,842	4,024	4,240
Doctoral: Highest research	2,666	2,746	2,916	3,013	3,183	3,145	3,211	3,106	3,312	3,490
Doctoral: Higher research	488	446	496	559	583	566	628	602	589	628
Doctoral: Moderate research	42	57	52	44	60	51	68	74	70	67
Other universities	27	24	32	44	36	56	47	60	53	55
Psychology and social sciences	7,882	8,220	8,498	8,580	8,748	9,073	9,037	9,036	8,879	9,071
Doctoral: Highest research	5,711	5,947	6,121	6,167	6,141	6,371	6,347	6,336	6,205	6,267
Doctoral: Higher research	1,286	1,376	1,410	1,415	1,524	1,623	1,540	1,637	1,545	1,555
Doctoral: Moderate research	562	590	652	680	791	741	805	766	815	855
Other universities	323	307	315	318	292	338	345	297	314	394
Engineering	7,578	8,032	8,469	9,000	9,626	9,875	9,459	9,776	10,166	10,303
Doctoral: Highest research	6,396	6,765	7,131	7,480	8,097	8,107	7,780	8,072	8,256	8,402
Doctoral: Higher research	1,005	1,037	1,098	1,273	1,259	1,470	1,430	1,425	1,592	1,586
Doctoral: Moderate research	122	140	163	151	189	191	150	151	184	183
Other universities	55	90	77	96	81	107	99	128	134	132
Education	5,287	4,670	4,802	4,934	4,789	5,098	5,146	4,826	4,824	4,635
Doctoral: Highest research	2,996	2,999	3,015	3,113	3,002	3,053	3,038	2,856	2,844	2,720
Doctoral: Higher research	1,430	1,189	1,331	1,318	1,259	1,440	1,416	1,438	1,336	1,341
Doctoral: Moderate research	654	368	332	370	425	454	503	395	491	430
Other universities	207	114	124	133	103	151	189	137	153	144
Humanities and arts	5,015	5,225	5,561	5,715	5,524	5,594	5,482	5,286	5,140	5,054
Doctoral: Highest research	4,034	4,194	4,434	4,664	4,476	4,524	4,353	4,202	4,104	4,038
Doctoral: Higher research	590	658	670	616	634	635	713	652	624	590
Doctoral: Moderate research	105	104	164	133	134	124	154	136	119	115
Other universities	286	269	293	302	280	311	262	296	293	311
Other ^b	2,729	2,683	2,734	3,023	3,043	3,019	2,941	3,152	2,981	3,034
Doctoral: Highest research	2,061	2,038	2,113	2,268	2,212	2,215	2,144	2,196	2,084	2,127
Doctoral: Higher research	418	425	371	452	474	457	455	517	474	448
Doctoral: Moderate research	171	162	166	232	295	268	265	344	332	370
Other universities	79	58	84	71	62	79	77	95	91	89

^a Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.^b Includes other non-science and engineering fields not shown separately.**Note(s):**

Carnegie category is based on the 2015 Carnegie Classifications.

Source(s):

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