

TABLE 11

## Doctorates awarded, by broad field of study and Carnegie category: 2008–17

(Number)

Field and Carnegie category	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
All doctorate recipients	48,777	49,552	48,029	48,911	50,944	52,704	53,992	54,901	54,862	54,664
Doctoral: Highest research	37,377	37,666	36,679	37,754	39,221	40,484	41,062	41,426	41,246	41,171
Doctoral: Higher research	7,029	7,295	7,124	7,120	7,474	7,820	8,197	8,623	8,677	8,634
Doctoral: Moderate research	2,101	2,165	1,855	1,693	1,793	1,945	2,343	2,230	2,420	2,372
Other universities	2,270	2,426	2,371	2,344	2,456	2,455	2,390	2,622	2,519	2,487
Life sciences <sup>a</sup>	11,086	11,403	11,319	11,535	11,964	12,208	12,484	12,499	12,554	12,592
Doctoral: Highest research	8,503	8,552	8,570	8,633	8,934	9,085	9,064	9,059	9,142	9,257
Doctoral: Higher research	1,158	1,291	1,248	1,267	1,353	1,432	1,579	1,574	1,603	1,474
Doctoral: Moderate research	186	238	235	288	283	336	428	429	466	537
Other universities	1,239	1,322	1,266	1,347	1,394	1,355	1,413	1,437	1,343	1,324
Physical sciences and earth sciences	4,946	5,160	4,995	5,271	5,419	5,584	5,911	5,918	6,252	6,081
Doctoral: Highest research	4,226	4,415	4,248	4,433	4,560	4,699	4,890	4,958	5,226	5,121
Doctoral: Higher research	628	651	660	722	746	756	884	855	879	842
Doctoral: Moderate research	41	27	36	46	42	56	74	38	62	52
Other universities	51	67	51	70	71	73	63	67	85	66
Mathematics and computer sciences	3,187	3,163	3,223	3,273	3,496	3,660	3,862	3,818	3,956	3,843
Doctoral: Highest research	2,724	2,679	2,665	2,746	2,916	3,012	3,183	3,145	3,211	3,100
Doctoral: Higher research	388	418	487	446	495	558	583	566	629	608
Doctoral: Moderate research	34	43	42	57	52	44	60	51	68	73
Other universities	41	23	29	24	33	46	36	56	48	62
Psychology and social sciences	7,635	7,945	7,883	8,221	8,498	8,580	8,751	9,078	9,060	9,079
Doctoral: Highest research	5,574	5,768	5,711	5,948	6,121	6,167	6,143	6,371	6,350	6,360
Doctoral: Higher research	1,276	1,314	1,286	1,376	1,410	1,415	1,525	1,624	1,548	1,654
Doctoral: Moderate research	452	512	491	529	591	624	739	676	748	698
Other universities	333	351	395	368	376	374	344	407	414	367
Engineering	7,864	7,642	7,578	8,032	8,469	9,000	9,627	9,876	9,458	9,843
Doctoral: Highest research	6,716	6,497	6,394	6,762	7,128	7,476	8,092	8,101	7,777	8,100
Doctoral: Higher research	926	922	1,005	1,037	1,098	1,273	1,259	1,471	1,430	1,455
Doctoral: Moderate research	150	133	122	140	163	151	189	191	152	152
Other universities	72	90	57	93	80	100	87	113	99	136
Education	6,561	6,528	5,287	4,670	4,803	4,934	4,789	5,098	5,146	4,823
Doctoral: Highest research	3,642	3,704	2,996	2,999	3,015	3,113	3,001	3,053	3,036	2,847
Doctoral: Higher research	1,687	1,678	1,430	1,189	1,331	1,318	1,259	1,440	1,416	1,434
Doctoral: Moderate research	1,042	926	654	368	332	370	425	454	504	399
Other universities	190	220	207	114	125	133	104	151	190	143
Humanities and arts	4,736	4,904	5,015	5,226	5,561	5,715	5,524	5,594	5,480	5,290
Doctoral: Highest research	3,869	3,930	4,034	4,195	4,434	4,664	4,476	4,524	4,353	4,201
Doctoral: Higher research	527	601	590	658	670	616	634	635	713	652
Doctoral: Moderate research	67	92	105	104	164	133	134	124	154	141
Other universities	273	281	286	269	293	302	280	311	260	296
Other <sup>b</sup>	2,762	2,807	2,729	2,683	2,734	3,023	3,044	3,020	2,956	3,113
Doctoral: Highest research	2,123	2,121	2,061	2,038	2,113	2,268	2,213	2,215	2,151	2,185
Doctoral: Higher research	439	420	418	425	371	452	474	458	459	515
Doctoral: Moderate research	129	194	170	161	166	231	294	267	266	320
Other universities	71	72	80	59	84	72	63	80	80	93

<sup>a</sup> Includes agricultural sciences and natural resources; biological and biomedical sciences; and health sciences.<sup>b</sup> Includes other non-science and engineering fields not shown separately.

## Source(s)

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