

TABLE 11

## Doctorates awarded, by broad field of study and Carnegie category: 2009–18

(Number)

Field and Carnegie category	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
All doctorate recipients	49,552	48,028	48,910	50,943	52,703	53,989	54,889	54,798	54,559	55,195
Doctoral: Highest research	37,666	36,679	37,753	39,220	40,484	41,062	41,424	41,227	41,144	41,405
Doctoral: Higher research	7,295	7,124	7,120	7,474	7,820	8,196	8,620	8,656	8,579	8,739
Doctoral: Moderate research	2,165	1,854	1,693	1,793	1,945	2,343	2,227	2,407	2,368	2,449
Other universities	2,426	2,371	2,344	2,456	2,454	2,388	2,618	2,508	2,468	2,602
Life sciences <sup>a</sup>	11,403	11,319	11,535	11,964	12,207	12,484	12,493	12,536	12,555	12,780
Doctoral: Highest research	8,552	8,570	8,633	8,934	9,085	9,064	9,058	9,136	9,255	9,293
Doctoral: Higher research	1,291	1,248	1,267	1,353	1,432	1,579	1,573	1,599	1,467	1,636
Doctoral: Moderate research	238	235	288	283	336	428	429	461	517	460
Other universities	1,322	1,266	1,347	1,394	1,354	1,413	1,433	1,340	1,316	1,391
Physical sciences and earth sciences	5,160	4,995	5,271	5,419	5,584	5,910	5,917	6,251	6,084	6,335
Doctoral: Highest research	4,415	4,248	4,433	4,560	4,699	4,890	4,957	5,226	5,121	5,299
Doctoral: Higher research	651	660	722	746	756	884	855	878	842	904
Doctoral: Moderate research	27	36	46	42	56	74	38	62	53	48
Other universities	67	51	70	71	73	62	67	85	68	84
Mathematics and computer sciences	3,163	3,223	3,273	3,496	3,660	3,862	3,818	3,954	3,842	4,030
Doctoral: Highest research	2,679	2,665	2,746	2,916	3,012	3,183	3,145	3,211	3,106	3,313
Doctoral: Higher research	418	487	446	495	558	583	566	628	602	593
Doctoral: Moderate research	43	42	57	52	44	60	51	68	74	71
Other universities	23	29	24	33	46	36	56	47	60	53
Psychology and social sciences	7,945	7,882	8,221	8,498	8,580	8,751	9,075	9,035	9,036	8,899
Doctoral: Highest research	5,768	5,711	5,948	6,121	6,167	6,144	6,371	6,345	6,336	6,207
Doctoral: Higher research	1,314	1,286	1,376	1,410	1,415	1,524	1,624	1,538	1,636	1,557
Doctoral: Moderate research	512	490	529	591	624	739	673	744	701	744
Other universities	351	395	368	376	374	344	407	408	363	391
Engineering	7,642	7,578	8,032	8,469	9,000	9,626	9,875	9,458	9,777	10,183
Doctoral: Highest research	6,497	6,394	6,762	7,128	7,476	8,092	8,101	7,779	8,071	8,255
Doctoral: Higher research	922	1,005	1,037	1,098	1,273	1,259	1,470	1,430	1,425	1,601
Doctoral: Moderate research	133	122	140	163	151	189	191	150	151	187
Other universities	90	57	93	80	100	86	113	99	130	140
Education	6,528	5,287	4,670	4,802	4,934	4,789	5,098	5,143	4,826	4,834
Doctoral: Highest research	3,704	2,996	2,999	3,014	3,113	3,001	3,053	3,035	2,856	2,847
Doctoral: Higher research	1,678	1,430	1,189	1,331	1,318	1,259	1,440	1,415	1,438	1,343
Doctoral: Moderate research	926	654	368	332	370	425	454	503	395	490
Other universities	220	207	114	125	133	104	151	190	137	154
Humanities and arts	4,904	5,015	5,225	5,561	5,715	5,524	5,594	5,480	5,286	5,145
Doctoral: Highest research	3,930	4,034	4,194	4,434	4,664	4,476	4,524	4,351	4,202	4,106
Doctoral: Higher research	601	590	658	670	616	634	635	713	652	625
Doctoral: Moderate research	92	105	104	164	133	134	124	154	136	119
Other universities	281	286	269	293	302	280	311	262	296	295
Other <sup>b</sup>	2,807	2,729	2,683	2,734	3,023	3,043	3,019	2,941	3,153	2,989
Doctoral: Highest research	2,121	2,061	2,038	2,113	2,268	2,212	2,215	2,144	2,197	2,085
Doctoral: Higher research	420	418	425	371	452	474	457	455	517	480
Doctoral: Moderate research	194	170	161	166	231	294	267	265	341	330
Other universities	72	80	59	84	72	63	80	77	98	94

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