

Table 1-6**Research doctorate recipients, by historical broad field of doctorate and citizenship status: Selected years, 1977–2022**

(Number)

Field and citizenship status	1977	1982	1987	1992	1997	2002	2007	2012	2017	2022
All fields	31,716	31,108	32,365	38,886	42,539	40,031	48,132	50,943	54,552	57,596
U.S. citizen or permanent resident	27,561	25,689	24,585	28,005	31,097	27,737	29,501	32,981	35,736	35,311
Temporary visa holder	3,489	4,254	5,660	9,980	9,194	9,747	15,123	14,784	16,288	19,633
Unknown	666	1,165	2,120	901	2,248	2,547	3,508	3,178	2,528	2,652
Life sciences ^a	4,977	5,762	5,783	7,172	8,421	8,478	10,702	11,964	12,554	13,211
U.S. citizen or permanent resident	4,197	4,852	4,529	5,106	5,987	5,850	7,009	8,184	8,827	9,230
Temporary visa holder	679	763	939	1,956	2,058	2,121	3,039	3,197	3,331	3,493
Unknown	101	147	315	110	376	507	654	583	396	488
Physical sciences and earth sciences	3,361	3,298	3,811	4,517	4,550	3,875	4,956	5,419	6,082	6,649
U.S. citizen or permanent resident	2,798	2,627	2,657	2,857	3,034	2,358	2,567	3,148	3,715	3,868
Temporary visa holder	510	587	929	1,572	1,297	1,330	2,059	1,959	2,160	2,533
Unknown	53	84	225	88	219	187	330	312	207	248
Mathematics and computer sciences	964	940	1,189	1,927	2,032	1,729	3,042	3,496	3,842	4,854
U.S. citizen or permanent resident	775	654	673	997	1,150	868	1,241	1,627	1,748	1,911
Temporary visa holder	170	252	445	876	771	789	1,591	1,617	1,926	2,741
Unknown	19	34	71	54	111	72	210	252	168	202
Psychology and social sciences	6,353	6,090	6,063	6,562	7,369	6,925	7,309	8,498	9,034	9,235
U.S. citizen or permanent resident	5,615	5,207	4,846	5,189	5,796	5,363	5,272	6,319	6,843	6,670
Temporary visa holder	585	592	726	1,158	1,080	1,110	1,482	1,601	1,668	2,071
Unknown	153	291	491	215	493	452	555	578	523	494
Engineering	2,643	2,646	3,712	5,438	6,114	5,081	7,749	8,469	9,776	11,530
U.S. citizen or permanent resident	1,803	1,469	1,915	2,521	3,333	2,169	2,546	3,579	4,311	4,729
Temporary visa holder	780	1,044	1,539	2,749	2,555	2,650	4,591	4,355	5,037	6,253
Unknown	60	133	258	168	226	262	612	535	428	548
Education	7,455	7,251	6,453	6,677	6,577	6,508	6,448	4,802	4,826	4,509
U.S. citizen or permanent resident	6,923	6,440	5,665	6,018	5,748	5,417	5,358	4,040	4,052	3,679
Temporary visa holder	388	576	430	559	411	479	601	460	534	581
Unknown	144	235	358	100	418	612	489	302	240	249
Humanities and arts	4,434	3,520	3,478	4,387	5,285	5,297	5,085	5,561	5,286	4,464
U.S. citizen or permanent resident	4,133	3,165	2,929	3,745	4,452	4,320	3,894	4,434	4,297	3,462
Temporary visa holder	192	199	282	542	561	705	797	761	692	765
Unknown	109	156	267	100	272	272	394	366	297	237
Other ^b	1,529	1,601	1,876	2,206	2,191	2,138	2,841	2,734	3,152	3,144
U.S. citizen or permanent resident	1,317	1,275	1,371	1,572	1,597	1,392	1,614	1,650	1,943	1,762
Temporary visa holder	185	241	370	568	461	563	963	834	940	1,196
Unknown	27	85	135	66	133	183	264	250	269	186

^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):

Beginning in 2021, a modified version of the 2020 Classification of Instructional Programs (CIP) codes was used in the survey data collection; the historical 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, see the "Technical Notes" and the SED 2021 Taxonomy Changes Working Paper (available at <https://nces.nsf.gov/pubs/nces23200>).

Source(s):

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