

Table TAL-15. S&E doctorate recipients with definite postgraduation commitments, by location of commitments, citizenship status, and field of doctorate: 2023

(Number)

Field of doctorate	U.S. citizen and permanent resident doctorate recipients	Doctorate recipients with definite commitments	Location of definite commitments						
			United States				Abroad	Unknown	
			Total	Postdoctoral study	Academic employment	Industry employment ^a			Other ^b
U.S. citizens and permanent residents									
Science and engineering	27,010	18,532	18,017	7,409	3,121	5,190	2,297	512	3
Biological and biomedical sciences	7,004	4,446	4,334	2,416	495	1,087	336	111	1
Computer and information sciences	820	579	559	93	121	277	68	19	1
Engineering	4,542	3,076	3,008	775	267	1,563	403	67	1
Geosciences, atmospheric sciences, and ocean sciences	773	586	572	343	64	85	80	14	0
Health sciences	1,953	1,343	1,329	345	480	251	253	14	0
Mathematics and statistics	929	671	629	254	149	174	52	42	0
Multidisciplinary/interdisciplinary sciences	826	562	549	158	122	198	71	13	0
Physical sciences	3,142	2,135	2,038	875	163	848	152	97	0
Psychology	3,178	2,384	2,363	1,418	348	285	312	21	0
Social sciences	3,065	2,221	2,124	559	803	295	467	97	0
Temporary visa holder doctorate recipients reporting postgraduation plans									
Science and engineering	16,807	12,074	10,234	4,358	936	4,598	342	1,830	10
Biological and biomedical sciences	2,352	1,692	1,521	1,001	54	412	54	170	1
Computer and information sciences	1,337	999	882	181	124	551	26	115	2
Engineering	5,646	3,966	3,529	1,190	188	2,055	96	435	2
Geosciences, atmospheric sciences, and ocean sciences	389	283	235	174	14	37	10	47	1
Health sciences	623	446	325	172	39	98	16	121	0
Mathematics and statistics	1,049	777	645	260	65	301	19	131	1
Multidisciplinary/interdisciplinary sciences	813	629	557	171	74	294	18	72	0
Physical sciences	2,093	1,495	1,289	648	36	590	15	206	0
Psychology	335	227	186	109	47	21	9	41	0
Social sciences	1,716	1,267	810	286	270	180	74	454	3

^a Industry employment includes doctorate recipients reporting self-employment.

^b Other includes doctorate recipients reporting government, nonprofit, elementary or secondary school, or other employment and those with unknown employment.

Note(s):

A definite postgraduation commitment includes accepting new employment or a postdoctoral study (postdoc) position or returning to predoctoral employment. The survey data collection for field of study changed in 2021, which may affect the data comparison across years. This figure uses the Classification of Instructional Programs–based field taxonomy, which is used for reporting single-year data from 2021 to the present; the data may not match the data based on the trend field taxonomy. For more information about the 2021 field taxonomy changes, see the "Technical Notes" in <https://nces.nsf.gov/surveys/earned-doctorates/2023>.

Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates (SED), 2023.

Science and Engineering Indicators