

**Table 53****Doctorate recipients with temporary visas intending to stay in the United States after doctorate receipt, by country of citizenship: 2013–19**

(Number and percent)

Country of citizenship	Total, 2013–19		2013		2014		2015		2016		2017		2018		2019	
	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying
All temporary visa holders	116,341	71.8	15,674	70.1	15,839	71.1	16,129	71.3	16,477	72.5	16,287	74.3	17,584	71.9	18,351	71.2
Africa	4,736	69.1	610	65.2	648	66.8	649	66.4	653	70.8	700	70.9	739	70.6	737	71.9
Egypt	996	68.9	140	61.4	135	70.4	129	62.8	117	66.7	156	69.9	156	73.7	163	74.8
Ghana	563	70.0	58	70.7	62	77.4	83	65.1	87	70.1	85	71.8	103	66.0	85	71.8
Kenya	414	68.8	79	68.4	72	70.8	57	68.4	60	66.7	57	63.2	50	68.0	39	79.5
Nigeria	751	80.2	65	87.7	87	82.8	83	75.9	112	83.9	113	77.9	146	75.3	145	81.4
Other	2,012	64.9	268	59.7	292	57.2	297	65.3	277	68.2	289	69.9	284	68.7	305	64.9
Americas	10,444	57.6	1,482	56.3	1,542	55.6	1,480	55.7	1,503	57.5	1,443	56.6	1,466	60.2	1,528	60.9
Argentina	441	60.1	81	49.4	67	64.2	64	53.1	65	61.5	52	69.2	60	66.7	52	61.5
Brazil	1,183	56.7	142	46.5	139	50.4	149	50.3	156	56.4	167	61.7	178	61.2	252	63.5
Canada	3,089	58.3	485	55.5	488	55.1	454	56.6	408	56.6	408	59.3	424	63.0	422	62.8
Chile	724	33.3	74	36.5	99	35.4	103	32.0	130	32.3	128	25.8	91	39.6	99	35.4
Colombia	1,363	57.0	179	53.1	216	56.9	183	68.3	187	61.5	190	48.4	205	52.7	203	58.6
Mexico	1,338	62.1	177	61.6	193	54.9	194	53.1	221	61.1	180	69.4	185	71.4	188	64.4
Venezuela	221	79.6	40	82.5	40	82.5	29	75.9	27	88.9	31	67.7	26	76.9	28	82.1
Other	2,085	60.0	304	64.1	300	59.7	304	57.6	309	61.2	287	57.5	297	57.6	284	62.0
Asia	76,739	77.1	10,560	75.0	10,752	75.8	10,885	76.0	11,016	78.1	10,638	80.0	11,294	77.5	11,594	77.2
Bangladesh	1,391	86.7	107	78.5	139	83.5	154	87.7	185	90.3	236	88.1	279	88.2	291	85.9
China <sup>a</sup>	38,713	81.0	4,796	82.0	4,982	81.3	5,374	81.1	5,527	81.0	5,553	83.3	6,176	79.4	6,305	79.3
India	15,001	86.2	2,204	84.3	2,316	86.2	2,229	84.6	2,195	87.2	1,969	88.5	2,038	87.0	2,050	86.0
Indonesia	523	42.4	71	49.3	78	38.5	53	37.7	92	43.5	69	50.7	81	34.6	79	43.0
Japan	1,083	49.3	217	47.5	173	48.6	164	39.6	166	53.6	117	58.1	117	50.4	129	51.2
Nepal	1,405	89.0	150	90.0	172	84.9	177	88.1	222	88.7	221	91.9	224	89.3	239	89.5
Pakistan	784	53.3	98	49.0	127	47.2	124	54.0	102	45.1	113	54.0	110	59.1	110	64.5
Philippines	394	70.1	92	66.3	70	67.1	40	75.0	51	76.5	47	70.2	56	73.2	38	65.8
Singapore	663	37.0	91	38.5	97	38.1	102	36.3	91	38.5	101	41.6	81	25.9	100	38.0
South Korea	8,456	63.7	1,383	59.1	1,284	60.7	1,234	62.9	1,229	66.7	1,127	68.5	1,035	63.6	1,164	65.2
Taiwan	4,097	72.8	699	67.4	668	68.6	614	70.4	592	77.9	520	76.7	513	78.0	491	73.5
Thailand	1,407	27.9	264	31.1	231	26.4	220	21.4	185	30.3	171	25.7	177	31.1	159	30.2
Vietnam	963	75.3	140	71.4	142	76.8	134	74.6	124	71.8	133	75.9	122	80.3	168	76.2
Other	1,859	67.6	248	61.7	273	65.9	266	62.4	255	68.2	261	68.6	285	73.0	271	72.3
Australia-Oceania	516	59.3	80	58.8	64	45.3	83	55.4	65	61.5	79	62.0	64	57.8	81	71.6
Australia	335	60.3	60	55.0	44	43.2	52	48.1	42	66.7	47	72.3	37	64.9	53	73.6

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	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying
Other	181	57.5	20	70.0	20	50.0	31	67.7	23	52.2	32	46.9	27	48.1	28	67.9
Europe	12,648	63.6	1,904	62.3	1,802	63.4	1,832	61.4	1,776	62.7	1,785	67.4	1,800	63.3	1,749	64.5
Bulgaria	241	78.8	47	78.7	42	66.7	34	70.6	44	88.6	30	86.7	23	78.3	21	85.7
France	805	65.2	97	62.9	114	67.5	131	58.8	105	66.7	107	69.2	133	64.7	118	67.8
Germany	1,233	56.0	202	51.5	203	51.2	195	51.3	183	61.2	154	68.2	144	54.2	152	57.9
Greece	630	73.8	88	76.1	81	72.8	84	71.4	84	71.4	89	73.0	113	77.9	91	72.5
Italy	1,072	66.2	154	61.0	156	64.1	126	65.1	167	65.9	161	70.8	138	72.5	170	64.7
Romania	391	77.0	66	74.2	79	78.5	57	82.5	51	88.2	43	81.4	47	61.7	48	70.8
Russian Federation (former USSR)	818	74.2	110	71.8	106	72.6	118	78.0	108	69.4	112	81.3	154	73.4	110	72.7
Spain	654	62.8	82	65.9	68	60.3	98	60.2	73	61.6	100	74.0	104	61.5	129	57.4
Turkey	3,197	60.8	478	60.7	426	62.9	469	59.7	472	57.6	496	61.1	451	59.6	405	64.7
Ukraine	291	78.0	52	76.9	51	72.5	42	85.7	31	71.0	37	83.8	35	74.3	43	81.4
United Kingdom	764	59.8	113	56.6	97	70.1	100	55.0	115	54.8	103	60.2	109	60.6	127	62.2
Other	2,552	59.2	415	59.5	379	58.3	378	56.3	343	58.6	353	63.2	349	58.2	335	60.3
Middle East	9,561	62.4	865	65.2	938	65.9	1,131	66.9	1,309	63.9	1,500	62.1	1,744	62.3	2,074	56.5
Iran	4,874	90.7	409	86.8	483	89.2	629	89.7	695	91.1	767	92.6	932	91.5	959	91.4
Israel	552	55.4	81	60.5	81	61.7	86	59.3	83	51.8	77	49.4	64	50.0	80	53.8
Jordan	730	47.1	115	46.1	110	40.9	128	44.5	98	44.9	114	44.7	76	57.9	89	56.2
Lebanon	368	74.5	66	81.8	50	66.0	39	64.1	57	70.2	52	78.8	51	76.5	53	79.2
Saudi Arabia	1,845	12.7	73	11.0	105	17.1	134	14.2	238	10.1	339	10.3	403	14.9	553	12.8
Other	1,192	32.2	121	37.2	109	37.6	115	35.7	138	37.7	151	37.7	218	27.1	340	26.2
Country unknown	1,697	43.1	173	25.4	93	24.7	69	47.8	155	12.9	142	61.3	477	46.8	588	51.4

<sup>a</sup> Includes Hong Kong.**Note(s):**

Percentages based on all doctorate recipients on temporary visas who indicated where they intended to stay after graduation (United States versus foreign location), not just those with definite commitments for employment or postdoctoral study.

**Source(s):**

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