

Table 2-8. Intention to stay in the U.S. after doctorate receipt among research doctorate recipients with temporary visas, by region and country or economy of citizenship: 2019–25

(Number and percent)

Region and country or economy of citizenship	2019–25		2019		2020		2021		2022		2023		2024		2025	
	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying
All temporary visa holders	132,267	73.9	18,324	71.2	18,473	73.0	17,768	70.8	19,618	74.3	19,390	76.2	19,354	75.8	19,340	75.4
Africa	6,200	80.1	743	72.0	788	72.6	763	73.7	909	78.5	861	86.4	988	86.4	1,148	85.6
Nigeria	1,755	86.3	145	81.4	161	79.5	193	78.2	294	83.0	265	91.3	303	90.1	394	91.1
Egypt	1,033	82.0	163	74.8	127	81.1	134	79.9	143	81.8	145	84.8	148	86.5	173	85.0
Ghana	850	84.2	88	72.7	106	73.6	88	79.5	125	79.2	124	91.1	148	92.6	171	90.6
Kenya	364	77.7	38	78.9	57	70.2	53	58.5	43	79.1	38	81.6	72	84.7	63	88.9
Libya	286	D	61	68.9	61	77.0	57	78.9	40	77.5	24	D	24	D	19	D
Ethiopia	248	D	35	71.4	28	82.1	30	76.7	43	D	49	87.8	32	D	31	D
South Africa	185	55.1	29	51.7	24	54.2	23	60.9	26	38.5	21	61.9	34	70.6	28	46.4
Uganda	179	D	20	45.0	30	53.3	28	42.9	29	72.4	24	66.7	20	D	28	D
Zimbabwe	147	D	16	D	22	D	18	D	23	73.9	14	D	24	D	30	D
Tunisia	117	D	14	D	15	D	14	D	16	D	16	D	17	D	25	72.0
Cameroon	D	D	18	D	14	D	11	D	11	90.9	24	D	D	90.0	14	92.9
Rwanda	104	D	11	D	28	60.7	12	D	13	61.5	9	D	17	94.1	14	D
Tanzania	D	D	7	D	10	D	12	D	8	D	12	D	D	D	18	61.1
Other	746	70.9	98	57.1	105	59.0	90	67.8	95	70.5	96	81.3	122	78.7	140	77.9
Americas	11,560	66.1	1,536	60.7	1,669	60.1	1,512	64.3	1,714	68.0	1,716	70.3	1,720	69.3	1,693	69.2
Canada	2,838	59.2	427	62.3	398	57.8	369	54.5	474	59.1	404	62.6	376	61.7	390	56.2
Brazil	2,017	70.2	253	63.6	318	60.7	273	72.2	282	73.4	298	72.8	308	75.6	285	73.0
Mexico	1,544	72.8	187	64.2	236	64.0	218	71.6	226	76.1	235	79.1	235	76.2	207	77.3
Colombia	1,474	67.6	202	58.9	191	60.2	191	66.5	224	66.5	227	72.7	224	72.3	215	74.0
Chile	704	53.3	100	35.0	106	43.4	85	54.1	92	64.1	111	58.6	103	58.3	107	59.8
Peru	443	74.9	51	76.5	55	72.7	48	72.9	63	76.2	66	72.7	74	73.0	86	79.1
Argentina	403	63.8	52	61.5	64	68.8	46	63.0	42	71.4	68	64.7	65	60.0	66	59.1
Ecuador	366	D	50	42.0	49	63.3	54	59.3	44	77.3	55	72.7	60	71.7	54	D
Costa Rica	233	56.7	26	38.5	31	41.9	35	51.4	41	63.4	34	64.7	28	67.9	38	63.2
Jamaica	224	68.8	32	68.8	30	80.0	30	60.0	28	67.9	26	80.8	35	77.1	43	53.5
Venezuela	221	D	28	82.1	32	D	30	D	43	D	31	D	34	85.3	23	D
Trinidad and Tobago	124	62.1	15	66.7	26	57.7	16	68.8	12	58.3	16	62.5	19	57.9	20	65.0
Honduras	122	D	13	D	10	D	12	D	19	D	24	D	18	D	26	76.9
Uruguay	117	D	18	55.6	15	46.7	16	50.0	18	50.0	11	54.5	21	47.6	18	D
Guatemala	99	D	11	D	17	70.6	13	46.2	14	D	13	D	13	D	18	72.2
Dominican Republic	88	D	6	D	18	33.3	8	D	18	D	14	64.3	13	D	11	D
Bahamas, The	81	D	16	D	12	58.3	9	D	9	D	13	D	12	58.3	10	D
El Salvador	56	D	6	D	9	D	9	D	7	D	9	D	7	D	9	D
Bolivia	54	D	8	D	8	D	11	D	5	D	9	D	8	D	5	D
Other	352	63.4	35	62.9	44	50.0	39	59.0	53	62.3	52	67.3	67	61.2	62	75.8

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	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying	Number	% staying
Asia	86,698	78.5	11,622	77.2	11,813	79.0	11,638	75.0	12,852	78.3	13,005	79.9	13,029	80.1	12,739	79.5
China ^a	45,457	77.9	6,316	79.2	6,335	80.1	6,198	73.8	6,659	76.7	6,651	77.6	6,753	79.3	6,545	78.7
India	17,406	87.4	2,056	85.9	2,250	88.0	2,300	85.8	2,674	88.2	2,764	89.0	2,647	88.4	2,715	86.2
South Korea	7,558	67.4	1,168	65.3	1,055	66.9	1,036	63.8	1,075	65.1	1,109	71.1	1,060	69.8	1,055	70.0
Bangladesh	3,342	88.7	292	86.0	392	86.0	397	88.4	551	88.7	552	91.5	593	89.2	565	88.8
Taiwan	3,123	76.8	492	73.4	468	76.9	410	73.9	416	80.5	462	79.9	419	77.1	456	75.9
Nepal	1,956	92.5	241	89.6	226	94.7	252	92.9	313	92.0	326	94.2	306	91.5	292	92.8
Sri Lanka	1,353	85.8	151	83.4	174	85.1	181	76.8	207	81.6	229	92.1	233	88.8	178	90.4
Vietnam	1,225	81.1	168	76.2	166	74.1	152	79.6	207	86.5	188	82.4	182	83.5	162	83.3
Pakistan	1,172	70.4	112	64.3	157	70.7	135	63.7	167	68.9	177	70.1	220	77.7	204	71.6
Japan	851	52.1	128	51.6	114	50.0	123	49.6	121	52.1	115	50.4	138	55.8	112	54.5
Thailand	849	D	159	30.2	127	30.7	125	D	112	48.2	114	35.1	107	36.4	105	37.1
Singapore	587	47.9	100	38.0	107	49.5	72	37.5	77	50.6	69	52.2	84	47.6	78	61.5
Indonesia	582	D	79	43.0	77	44.2	78	47.4	76	38.2	73	D	99	D	100	46.0
Malaysia	412	67.5	71	50.7	59	52.5	61	70.5	70	78.6	61	83.6	41	63.4	49	73.5
Philippines	347	D	38	65.8	45	64.4	58	51.7	55	D	44	75.0	61	73.8	46	78.3
Kazakhstan	163	D	11	D	17	70.6	18	72.2	16	68.8	32	78.1	38	63.2	31	D
Burma	57	D	9	D	9	D	7	D	6	D	12	D	9	D	5	D
Afghanistan	50	D	5	D	9	D	6	D	9	D	7	D	6	D	8	D
Other	208	D	26	69.2	26	61.5	29	69.0	41	78.0	20	D	33	81.8	33	D
Australia-Oceania	520	64.0	81	71.6	80	63.8	69	63.8	76	55.3	64	65.6	72	62.5	78	65.4
Australia	341	64.8	53	73.6	51	66.7	39	64.1	50	54.0	47	68.1	48	64.6	53	62.3
New Zealand	D	D	D	D	D	D	30	63.3	D	D	17	58.8	D	D	25	72.0
Other	D	D	D	D	D	D	0	0.0	D	D	0	0.0	D	D	0	0.0
Europe	11,832	66.5	1,755	64.4	1,705	67.4	1,668	63.7	1,734	68.9	1,742	67.2	1,629	66.4	1,599	67.4
Turkey (Türkiye)	2,530	68.7	406	64.5	371	70.1	330	63.0	354	69.8	368	72.8	353	69.7	348	71.0
Italy	1,227	64.1	174	63.8	170	64.1	145	57.2	193	70.5	185	60.0	185	59.5	175	72.0
Germany	1,138	61.2	152	57.9	151	54.3	187	58.3	160	65.0	162	63.6	153	67.3	173	61.8
United Kingdom	940	61.8	128	62.5	119	66.4	152	59.2	138	63.8	124	66.1	146	55.5	133	60.9
Spain	859	65.1	128	57.8	116	64.7	115	71.3	134	68.7	138	63.0	117	67.5	111	63.1
France	803	65.6	118	67.8	118	66.9	106	67.0	133	65.4	112	65.2	110	62.7	106	64.2
Russia	792	77.0	111	73.0	120	82.5	112	66.1	105	72.4	112	75.0	112	87.5	120	81.7
Greece	718	76.2	90	73.3	89	77.5	112	75.0	115	75.7	122	78.7	89	75.3	101	77.2
Netherlands	252	57.5	38	55.3	39	59.0	40	42.5	32	68.8	35	65.7	39	61.5	29	51.7
Ukraine	246	D	43	81.4	43	83.7	32	75.0	23	D	38	73.7	42	73.8	25	D
Poland	231	68.4	34	70.6	34	61.8	34	73.5	33	75.8	44	56.8	20	65.0	32	78.1
Romania	185	D	48	D	25	D	27	77.8	22	D	23	69.6	20	70.0	20	50.0

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Serbia	158	D	21	71.4	24	D	21	D	22	77.3	28	D	26	D	16	68.8
Switzerland	137	D	21	38.1	22	63.6	28	64.3	21	33.3	14	42.9	17	52.9	14	D
Portugal	135	D	24	62.5	20	55.0	17	58.8	24	50.0	20	70.0	8	D	22	36.4
Austria	132	53.8	17	52.9	22	54.5	20	50.0	15	66.7	21	61.9	17	52.9	20	40.0
Ireland	122	D	24	45.8	17	D	7	D	20	75.0	20	55.0	17	47.1	17	52.9
Hungary	107	D	17	D	24	66.7	15	60.0	10	D	19	52.6	14	57.1	8	D
Belgium	106	D	13	53.8	16	50.0	16	D	16	62.5	18	50.0	7	D	20	55.0
Sweden	87	D	12	D	15	46.7	7	D	16	62.5	15	D	14	57.1	8	D
Czechia	80	D	17	64.7	11	D	15	60.0	10	D	8	D	9	D	10	50.0
Albania	74	D	14	D	12	D	9	D	7	D	9	D	11	D	12	D
Cyprus	71	D	9	D	11	D	10	D	9	D	10	50.0	14	50.0	8	D
Denmark	69	D	8	D	8	D	14	35.7	15	D	8	D	9	D	7	D
Norway	66	D	12	D	10	D	8	D	10	D	6	D	12	58.3	8	D
Belarus	60	D	8	D	10	D	11	D	12	D	7	D	7	D	5	D
Other	507	61.1	68	69.1	88	58.0	78	62.8	85	62.4	76	55.3	61	59.0	51	62.7
Middle East	11,939	58.2	2,079	56.6	2,102	58.0	1,749	57.9	1,812	62.0	1,517	61.5	1,367	55.4	1,313	55.8
Iran	5,232	91.9	964	91.5	963	92.2	815	91.2	859	91.7	647	93.2	499	91.0	485	92.4
Saudi Arabia	3,607	13.5	554	12.8	614	14.3	485	10.1	492	11.6	483	16.6	502	14.1	477	15.1
Iraq	752	D	202	19.8	192	35.4	152	44.7	110	60.0	42	71.4	26	D	28	53.6
Jordan	657	64.5	89	56.2	114	51.8	83	57.8	93	72.0	75	76.0	111	72.1	92	68.5
Israel	476	53.8	80	53.8	69	50.7	65	55.4	71	50.7	71	49.3	62	53.2	58	65.5
Lebanon	404	D	53	79.2	39	84.6	42	D	65	83.1	71	90.1	67	88.1	67	80.6
Kuwait	301	D	68	7.4	45	11.1	46	10.9	45	11.1	31	D	28	D	38	15.8
Palestinian Territories, not specified	104	D	10	D	10	D	10	D	16	D	26	69.2	17	52.9	15	53.3
Oman	66	D	7	D	8	D	10	D	12	D	12	D	8	D	9	D
Armenia	D	D	10	D	10	D	8	D	13	D	10	D	D	87.5	6	D
United Arab Emirates	63	D	13	D	10	D	5	D	6	D	12	D	10	D	7	D
Georgia	54	D	6	D	7	D	7	D	11	D	6	D	11	D	6	D
Syria	D	D	12	D	10	D	6	D	6	D	9	D	D	D	5	D
Other	105	D	11	63.6	11	72.7	15	60.0	13	76.9	22	68.2	13	38.5	20	D
Region and country or economy unknown	3,518	54.9	508	49.4	316	48.4	369	54.7	521	52.6	485	61.0	549	56.6	770	57.7

D = suppressed to avoid disclosure of confidential information.

^a China includes Hong Kong.

Note(s):
Countries or economies with five or more doctoral recipients in every year on the table are listed separately; countries under each region are ordered based on the total number of doctorate recipients in the years shown. Percentages are based on the number of doctorate recipients on temporary visas and not just those with definite commitments for employment or postdoctoral study.

Source(s):
National Center for Science and Engineering Statistics, Survey of Earned Doctorates.