



GLOBAL COVID-19 VACCINATIONS FOR THE TOP COUNTRIES OF ORIGIN FOR INTERNATIONAL STUDENTS IN THE U.S.

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1,075,496 international students studied in the United States in AY 2019/20

Source: 2020 Open Doors Report on International Educational Exchange

COVID-19 Vaccination Figures for the Top 15 Countries of Origin of International Students Who Study Abroad in the U.S. (as of May 16, 2021)

Rank	Country	Int'l Students 2019/20	Fully Vaccinated	Partially Vaccinated	Vaccinations Approved for Administration
---	U.S.	---	123.3 M 36.9%	34.2 M 10.2%	Moderna, Pfizer/BioNTech, Johnson&Johnson
1	China	372,532	---	---	CoronaVac, Both Sinopharm vaccines
2	India	193,124	40.5 M 2.9%	101.3 M 10.3%	Sputnik V, Covishield, Covaxin
3	South Korea	49,809	940,345 1.8%	2.8 M 7.3%	Oxford/AstraZeneca, Pfizer/BioNTech
4	Saudi Arabia	30,957	---	---	Oxford/AstraZeneca, Pfizer/BioNTech
5	Canada	25,992	1.4 M 3.7%	15.6 M 45.1%	Moderna, Pfizer/BioNTech, J&J, Oxford/AstraZeneca
6	Vietnam	23,777	22,512 0.1%	932,008 1.0%	Oxford/AstraZeneca
7	Taiwan	23,724	---	---	Oxford/AstraZeneca
8	Japan	17,554	1.7 M 1.4%	2.7 M 3.5%	Pfizer/BioNTech
9	Brazil	16,671	16.9 M 8.0%	18.8 M 8.9%	Oxford/AstraZeneca, Pfizer/BioNTech, CoronaVac
10	Mexico	14,348	10.6 M 8.2%	4.9 M 3.8%	Oxford/AstraZeneca, Ad5-nCoV, Pfizer/BioNTech, Sputnik V, CoronaVac
11	Nigeria	13,762	---	---	Oxford/AstraZeneca
12	Nepal	12,730	362,001 1.2%	1.7 M 5.9%	Oxford/AstraZeneca
13	Iran	11,451	292,134 0.3%	1.2 M 1.8%	COVIran Barekat
14	U.K.	10,756	20.1 M 29.6%	16.5 M 24.8%	Moderna, Pfizer/BioNTech, Oxford/AstraZeneca
15	Turkey	9,481	10.8 M 12.8%	4.1 M 5.0%	Sputnik V, Pfizer/BioNTech, CoronaVac
16	Germany	9,242	9.1 M 10.8%	21.4 M 25.5%	Moderna, Pfizer/BioNTech, J&J, Oxford/AstraZeneca
17	Bangladesh	8,838	3.7 M 2.2%	2.2 M 1.3%	Oxford/AstraZeneca
18	France	8,471	8.9 M 13.3%	11.2 M 16.5%	Moderna, Pfizer/BioNTech, J&J, Oxford/AstraZeneca
19	Kuwait	8,375	38,000 0.9%	784,000 18.4%	Pfizer/BioNTech, Oxford/AstraZeneca
20	Indonesia	8,300	8.9 M 3.3%	4.8 M 1.8%	CoronaVac, Sinopharm

Sources: 2020 Open Doors Report on International Educational Exchange, Our World in Data, Johns Hopkins Coronavirus Resource Center's "Understanding International Vaccination Progress." Data unavailable for certain countries

Estimating the Number of Fully Vaccinated International Student for Fall 2021

Because vaccination figures are not fully reported by all countries, the information we have is incomplete. Additionally, we don't yet know how many international students will study at a U.S. postsecondary institution this fall — not only because we can't completely predict prospective students' behaviors, but also because we still don't know which and when travel restrictions may be reversed this year. As a result, it is impossible to accurately forecast the size of our international student population for AY 2021/22 and, of those who come, how many will come fully or partially vaccinated.

The table below is a sensitivity matrix that estimates the number of fully vaccinated international students in the U.S. this fall given certain conditions.

- The y-axis the percentage of international students who come to the U.S. relative to the international student population in AY 2019/20.
- The x-axis is the percentage of all *fully vaccinated* international students in the U.S. this fall.

Therefore, if the international student population is 70% of what it was in AY 2019/20 and, of that group, 75% come fully vaccinated, then we would estimate that 564,365 international students would be fully vaccinated.

Sensitivity Matrix Estimating the Number of Fully Vaccinated International Students in the U.S. Under Given Certain Conditions (Fall 2021)

		Share of Students Arriving Fully Vaccinated			
		100%	75%	50%	25%
Share of International Students in 2021/22 Relative to 2019/20	100%	1,075,496	806,622	537,748	268,874
	90%	967,946	725,960	483,973	241,987
	80%	860,397	645,298	430,198	215,099
	70%	752,847	564,635	376,424	188,212
	60%	483,973	483,973	322,649	161,324
	50%	537,748	403,311	268,874	134,437

Sources: NEBHE analysis of data from 2020 Open Doors Report on International Educational Exchange