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## Large-Scale Genomic Analysis of SARS-CoV-2 Omicron BA.5 Emergence, United States

## Appendix

Appendix Table 1. Components of United States DHHS regions\*

DHHS region	US states			
1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont			
2	New York, New Jersey, Puerto Rico, Virgin Islands			
3	Delaware, Maryland, Pennsylvania, Virginia, West Virginia, District of Columbia			
4	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee			
5	Illinois, Indiana, Ohio, Michigan, Minnesota, Wisconsin			
6	Arkansas, Louisiana, New Mexico, Oklahoma, Texas			
7	Iowa, Kansas, Missouri, Nebraska			
8	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming			
9	Arizona, California, Hawaii, Nevada, Guam, Trust Territory of the Pacific Islands, American Samoa			
10	Alaska, Idaho, Oregon, Washington			
*Regions were designated by DHHS (https://www.bbs.gov/about/agencies/ogc/offices/regional_offices/index.html) DHHS Department of Health and				

\*Regions were designated by DHHS (https://www.hhs.gov/about/agencies/ogc/offices/regional-offices/index.html). DHHS, Department of Health and Human Services.

Appendix T	able 2. Results of generalized	linear model comparing the	e number of introductions	between pairs of locations with
whether they	share a border or the human	population size of the origi	n and destination	

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Coefficient	Coefficient estimate	Standard error	p value
Intercept	-1.366	0.3440	0.000148
Neighbor, yes/no	0.3573	0.2446	0.1477
Population origin	5.964 × 10 <sup>-8</sup>	6.391 × 10 <sup>-9</sup>	$1.04 \times 10^{-14}$
Population destination	$1.005 \times 10^{-8}$	$6.412 \times 10^{-9}$	0.1207







**Appendix Figure 2.** Number of international introductions of SARS-CoV-2 Omicron BA.5 into 10 Department of Health and Human Services regions of the United States during January–June 2022 according to continent. HHS, Health and Human Services.



**Appendix Figure 3.** International travel volume into 10 Department of Health and Human Services regions of the United States during January–June 2022 according to continent. HHS, Health and Human Services.