

Table 1. Covariates and their data sources.	
Covariate ^a	Source
<ul style="list-style-type: none"> ▪ Population Density ▪ Females (%) ▪ Black (%) ▪ Native-American (%) ▪ Hispanic (%) ▪ Asian-American (%) ▪ Non-Hispanic white (%) ▪ Unemployment Rate (%) ▪ Poverty Rate (%) ▪ No Access to Vehicle (%) ▪ Disability (%) ▪ No Health Insurance (%) ▪ Gini Index ▪ Median Age 	<i>American Community Survey, United States Census Bureau, 2020 (10,11)</i>
<ul style="list-style-type: none"> ▪ Average Household Size, 2015-2019 (Persons) ▪ Persons with a 4-year college degree or more, adults 25 and over, 2015-2019 (%) ▪ Persons with no high school diploma or GED, adults 25 and over, 2015-2019 (%) ▪ Civilian labor force 16 and over employed in wholesale and retail trade, 2015-19 (%) ▪ Civilian labor force 16 and over employed in transportation, warehousing and utilities, 2015-2019 (%) 	<i>Atlas of Rural and Small Town America, Economic Resource Service, United States Department of Agriculture (USDA) (12)</i>
<ul style="list-style-type: none"> ▪ Obesity Prevalence^b, 2017 (%) ▪ Diabetes Prevalence^b, 2013 (%) 	<i>USDA Food Environment Atlas (13)</i>
<ul style="list-style-type: none"> ▪ Ratio of Total County Non-Federal Emergency Physicians (MD & DO) to County Population, 2019 	<i>American Medical Association Physician Masterfile (14)</i>
<ul style="list-style-type: none"> ▪ Cardiovascular Disease Mortality Rate^b, 2014 ▪ Cancer Mortality Rate^b, 2014 ▪ Respiratory Disease Mortality Rate^b, 2014 	<i>The University of Washington Institute for Health Metrics and Evaluation (15)</i>
<ul style="list-style-type: none"> ▪ Smoking Prevalence^b, 2019 (%) 	<i>Behavioral Risk Factor Surveillance System (16)</i>
<ul style="list-style-type: none"> ▪ COVID-19 Case Incidence Count, March 17, 2020-December 17, 2021 (Expressed as a standardized incidence ratio (SIR) using the national or region-specific mean incidence rate to compute the expected case count)[†] 	<i>The Johns Hopkins Centers for Civic Impact for the Coronavirus Resource Center (3–5,17), Centers for Disease Control and Prevention (CDC)</i>
<ul style="list-style-type: none"> ▪ COVID-19 Vaccination Percentage, as of December 25, 2021 [†] (%) 	<i>CDC^c (18)</i>
<ul style="list-style-type: none"> ▪ 2020 General Election Vote Differential^{d †} (%) 	<i>The Guardian, townhall.com, Fox News, Politico, and the New York Times (19)</i>
<ul style="list-style-type: none"> ▪ Urban-Rural Classification Scheme, 2013 (Metropolitan—<i>large central metropolitan, large fringe metropolitan, medium metropolitan, and small metropolitan</i>— and Non-Metropolitan—<i>micropolitan and noncore</i>) 	<i>The National Center for Health Statistics (20)</i>