

Supplemental Tables

Supplemental Table 1. Features Included in the Neighborhood Environmental Vulnerability Index

Domain	Subdomain Represented by Slice (Number of Features, Weight of Overall Index)	Features
Demographics (7 subdomains, 12 features)	Age (2 features, 1/28)	<ul style="list-style-type: none"> • Age under 18 (%) • Age 65 or older (%)
	Female-led household (1 feature, 1/28)	<ul style="list-style-type: none"> • Female-led households (%)
	Immigration (4 features, 1/28)	<ul style="list-style-type: none"> • Speak English "not at all" or "not well" (%) • Foreign-born (%) • Entered U.S. 2010 or later (%) • Not a U.S. citizen (%)
	Disability (1 feature, 1/28)	<ul style="list-style-type: none"> • With a disability (%)
	Single Parent Households (1 feature, 1/28)	<ul style="list-style-type: none"> • Children (age younger than 18) living with one parent (%)
	Mobility (2 features, 1/28)	<ul style="list-style-type: none"> • Who take public transportation, taxicab, bicycle, walking, or other non-automobile means (%) • Aggregate travel time to work
	Social Isolation (1 feature, 1/28)	<ul style="list-style-type: none"> • Live alone (%)
Economic Indicators (6 subdomains, 7 features)	Income and poverty (2 features, 1/24)	<ul style="list-style-type: none"> • Household Income (median) • Income in past 12 months below poverty level (%)
	Occupation (1 feature, 1/24)	<ul style="list-style-type: none"> • Work in service, natural resources, construction, maintenance, production, transportation, or material moving occupations (%)
	Income inequality (1 feature, 1/24)	<ul style="list-style-type: none"> • Gini Index of income inequality
	Unemployment (1 feature, 1/24)	<ul style="list-style-type: none"> • Unemployed among those in labor force aged 20-64 (%)
	Education (1 feature, 1/24)	<ul style="list-style-type: none"> • With less than high school education (%)
	Vehicle availability (1 feature, 1/24)	<ul style="list-style-type: none"> • % with no vehicle available (%)
Residential Characteristics and Density (7 subdomains, 8 features)	Population Density (1 feature, 1/28)	<ul style="list-style-type: none"> • Population per square mile (%)
	Group Quarters (1 feature, 1/28)	<ul style="list-style-type: none"> • Live in group quarters (%)
	Occupants per room (1 feature, 1/28)	<ul style="list-style-type: none"> • More than one occupant per room (%)
	Age of housing structure (1 feature, 1/28)	<ul style="list-style-type: none"> • Age of housing in 2019 (years)
	Units in housing structure (2 features, 1/28)	<ul style="list-style-type: none"> • Living in structure with 1 attached housing unit, 2 or more units, or in a mobile home, boat, RV, or van (%) • Living in structure with 20 or more units (%)
	Changing residence (1 feature, 1/28)	<ul style="list-style-type: none"> • Moved in the past year (%)
	Housing vacancy (1 feature, 1/28)	<ul style="list-style-type: none"> • Vacancy (%)



Health Behaviors, Outcomes, Prevention Practices, and Access (4 subdomains, 27 features)	Unhealthy behaviors (4 features, 1/16)	<ul style="list-style-type: none"> • Currently smoke* • Binge drink* • Have no leisure-time physical activity* • Sleep for less than 7 hours per day*
	Health outcomes (14 features, 1/16)	<ul style="list-style-type: none"> • High blood pressure, 2017* • High blood pressure medication use, among those with high blood pressure, 2017* • Obesity* • Cancer, non-skin* • Current asthma* • Coronary heart disease* • Stroke* • COPD* • Diabetes* • High cholesterol, 2017* • Chronic Kidney Disease* • Mental health not good for >=14 days* • Physical health not good for >=14 days* • All teeth lost*
	Prevention practices (8 features, 1/16)	<ul style="list-style-type: none"> • Routine checkup within past year* • Adult men aged 65 or older who are on date with clinical preventive services (flu shot past year, PPV shot ever, colorectal cancer screening)* • Adult women aged 65 or older who are on date with clinical preventive services (flu shot past year, PPV shot ever, colorectal cancer screening, mammogram within past 2 years)* • Visit to dentist or dental clinic* • Cervical cancer screening among women aged 21-65* • Cholesterol screening, 2017* • Colonoscopy screening among adults aged 50-75 years* • Mammography use among women aged 50-74 years*
	Health insurance access (1 feature, 1/16)	<ul style="list-style-type: none"> • Lack of health insurance*

Data sources: U.S. Census American Community Survey (ACS) 2015-2019 5-year estimates, Centers for Disease Control and Prevention (CDC) 2020 data release from the PLACES Project, NEVI repository⁵⁹

*Unless noted, crude prevalence estimates were used from models among adults aged 18 or older in 2018.