

Baseline Indicators for Community Resilience 2020 (CountyLevel)

Social Resilience		
Variable	Calculation	Data Source
Educational attainment	% Population over 25 with college education or more	American Community Survey
Pre-retirement age	% Population between 15 to 65 years of age	American Community Survey
Transportation Access	% Households with at least one vehicle	American Community Survey
Communication capacity	% Households with telephone service available	American Community Survey
English language competency	% Population proficient English speakers	American Community Survey
Non-special needs	% Population without sensory, physical, or mental disability	American Community Survey
Health insurance	% Population under age 65 with health insurance	American Community Survey
Mental health support	Psychosocial support facilities per capita	County Health Ranking
Food provisioning capacity	Food security rate	Map the Meal Gap
Physician access	Physicians per capita	American Community Survey

Economic Resilience		
Variable	Calculation	Data Source
Homeownership	% Owner-occupied housing units	American Community Survey
Employment rate	% Labor force employed	American Community Survey
Race/ethnicity income equality	Gini coefficient (<i>Inverted</i>)	American Community Survey
Non-dependence on primary/tourism sectors	% Employees not in farming, fishing, forestry, extractive industry, or tourism	American Community Survey
Gender income equality	% Absolute difference between male and female median income divided by annual income (<i>Inverted</i>)	American Community Survey
Business size I	Ratio of large to small businesses	County Business Patterns (NAICS)
Business size II	Ratio of employees to establishments	County Business Patterns (NAICS)
Large retail-regional/national geographic distribution	Large retail stores per capita	County Business Patterns (NAICS)
Federal employment	% Labor force employed by federal government	American Community Survey
Energy burden	Average Energy Burden (% income), (<i>Inverted</i>)	Low-Income Energy Affordability Data

Community Capital		
Variable	Calculation	Data Source
Place attachment-not recent immigrants	% Population not foreign-born persons who came to US within previous 5 years	American Community Survey
Place attachment-native born residents	% Population born in state of current residence	American Community Survey
Political engagement	% Voting age population participating in recent election	Presidential election data
Religious organizations	# Religious organizations per capita	County Business Patterns (NAICS)
Civic organizations	# Civic organizations per capita	County Business Patterns (NAICS)
Disaster volunteerism	# AmeriCorps volunteers per capita	AmeriCorps

Institutional Resilience		
Variable	Calculation	Data Source
Mitigation spending	10-year average per capita spending for mitigation projects	FEMA Hazard Mitigation Grant Program
Flood insurance coverage	% Housing units covered by National Flood Insurance Program	FEMA NFIP
Performance regimes-state capital	Distance from county seat to state capital (<i>Inverted</i>)	National Atlas
Performance regimes-nearest metro area	Distance from county seat to nearest county seat within a Metropolitan Statistical Area (<i>Inverted</i>)	National Atlas
Political & jurisdictional fragmentation	# Governments and special districts per 10,000 persons (<i>Inverted</i>)	USA Counties
Disaster aid experience	# Presidential Disaster Declarations divided by # of loss-causing hazard events for 10-year period	FEMA PDD database and SHELUS
Local disaster training	% Population in communities covered by Citizen Corps programs	FEMA Citizen Corps
Population stability	Population change over previous 5-year period (<i>Inverted</i>)	Census
Nuclear plant accident planning	% Population within 10 miles of nuclear power plant	HIFLD Nuclear Power Plants Database; Census
Crop insurance coverage	Crop insurance policies per square mile	Environmental Working Group Farm Subsidies

Housing/Infrastructural Resilience		
Variable	Calculation	Data Source
Sturdier housing types	% Housing units not mobile homes	American Community Survey
Temporary housing availability	% Vacant housing units that are for rent	American Community Survey
Medical care capacity	# Hospital beds per capita	Covid Care map
Evacuation routes	Intersection density	National Neighborhood Data Archive
Housing stock construction quality	% Housing units built prior to 1970 or after 2000	American Community Survey
Temporary shelter availability	# Hotels/motels per capita	County Business Patterns (NAICS)
School restoration potential	# Public schools per capita	National Center for Education Statistics
Industrial re-supply potential	Rail miles per square mile	HIFLD
High speed internet infrastructure	% Population with access to broadband internet service	American Community Survey

Environmental Resilience		
Variable	Calculation	Data Source
Local food suppliers	Farms marketing products through Community Supported Agriculture per capita	Census of Agriculture
Natural flood buffers	% Land in wetlands	National Land Cover Dataset
Efficient energy use	Megawatt hours per energy consumer (<i>Inverted</i>)	City and County Energy Profiles
Pervious surfaces	Average percent perviousness	National Land Cover Dataset
Efficient water use	Water Supply Stress Index (<i>Inverted</i>)	Water Risk Atlas