

Composite Variable	Composite Scale	Original Variable [Dataset]	Original Response	Transformation
Population	County Population (2023)	County Population [USDA]	Numeric	
Education	Average County Education Level Continuous: 1-4 [1 = Less than High School; 2 = High School; 3 = Some College; 4 = Bachelor's degree or higher]	Percent of adult population: [USDA]	Who are not high school graduates, 2019-23	(1* 'Less than high school' + 2* 'High School' + 3* 'Some college' + 4* 'Bachelor's degree or higher') / 100
			Who are high school graduates (or equivalent), 2019-23	
			Completing some college or associate degree, 2019-23	
			With a bachelor's degree or higher, 2019-23	
Unemployment Rate	Average County Unemployment Rate (%)	Average County Unemployment Rate [USDA]	Percentage	
Income	Average County Mean Household Income (2021 US Dollars)	Average County Mean Household Income [USDA]	US Dollars (2021)	
Belief	0% (No one believes in climate change) 100% (Entire county believes in climate change)	happening [YCOM]	Estimated percentage who think that global warming is happening	
Worry	0% (No one worried about climate change) 100% (Entire county worried about climate change)	worried [YCOM]	Estimated percentage who are somewhat or very worried about global warming	
Carbon Tax Support	0% (No support) 100% (Strong support)	reducetax [YCOM]	Estimated percentage who somewhat or strongly support requiring fossil fuel companies to pay a carbon tax and use the money to reduce other taxes (such as income tax) by an equal amount	
Renewable Energy Subsidies		fundrenewables [YCOM]	Estimated percentage who somewhat or strongly support funding research into renewable energy sources	
Energy Efficiency Initiatives		rebates [YCOM]	Estimated percentage who somewhat or strongly support providing tax rebates for people who purchase energy-efficient vehicles or solar panels	
Policy Support [Additional Variables]		regulate [YCOM]	Estimated percentage who somewhat or strongly support regulating carbon dioxide as a pollutant	