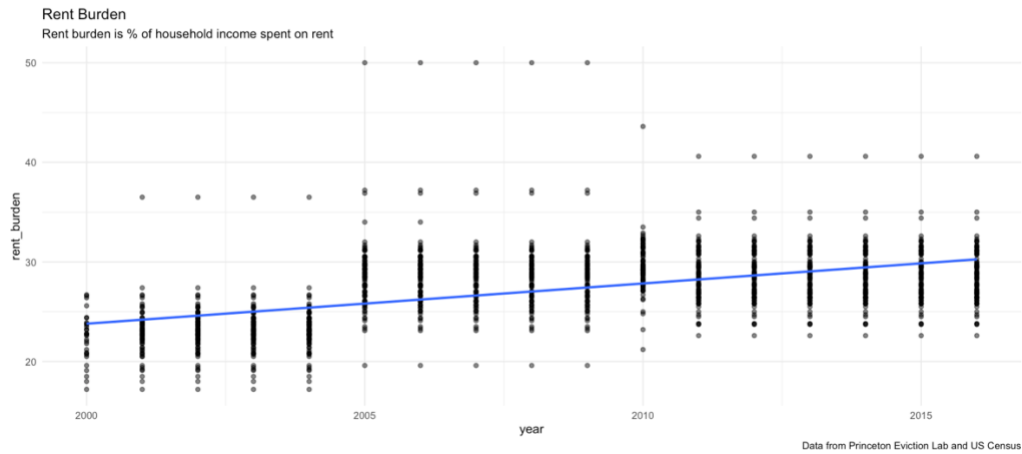


Exploring Evictions and Rent Burden in Ohio
By Amal Abdi
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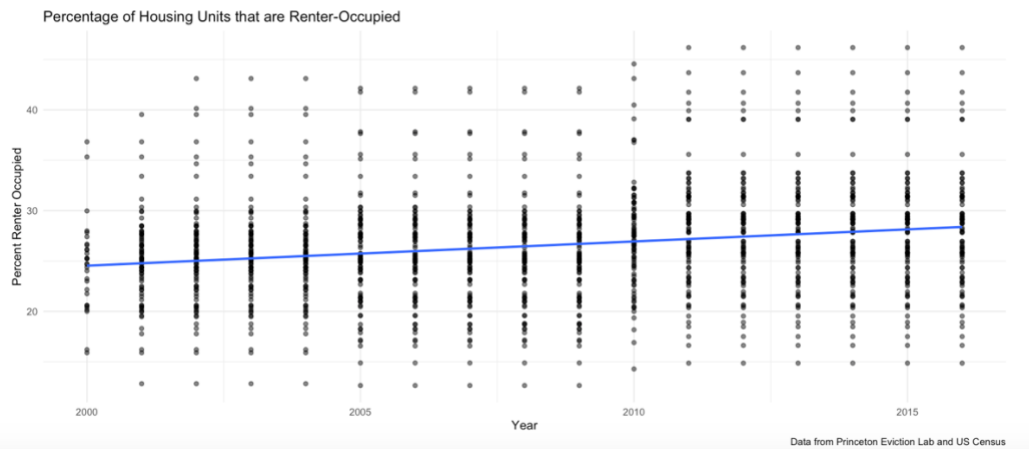
Abstract: This project explores evictions in rent burden in Ohio with county level data from the Eviction Lab at Princeton and US Census Data. First, I look at a broad overview of this in Ohio then delve into relationships with ruralness.

Broad Overview of housing landscape

More and more people are paying more percentage of their income (known as rent burden) towards rent.



More and more households are renter households



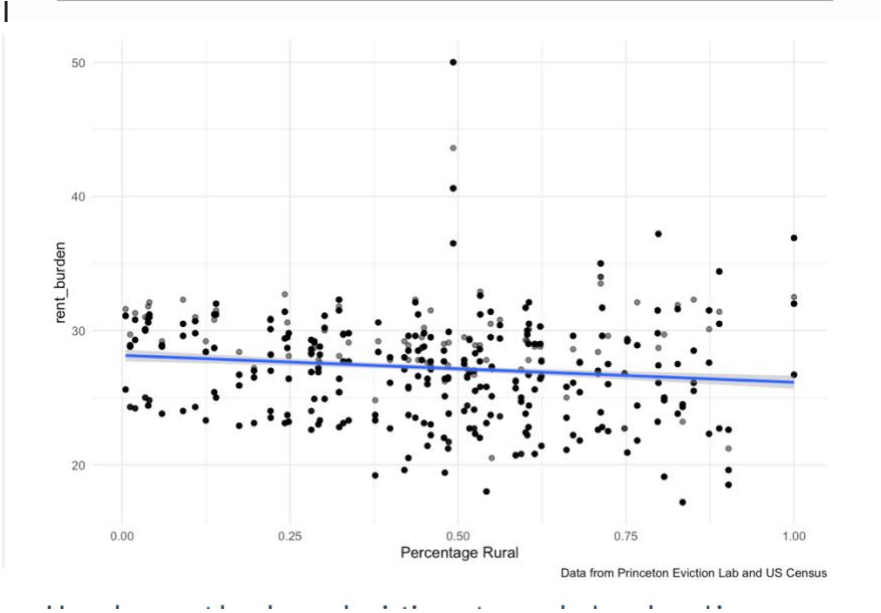
There are more and more renter households in Ohio, and people are spending a higher percentage of their household income towards rent as time has gone on. Therefore, this is a highly relevant topic to explore.

Methods

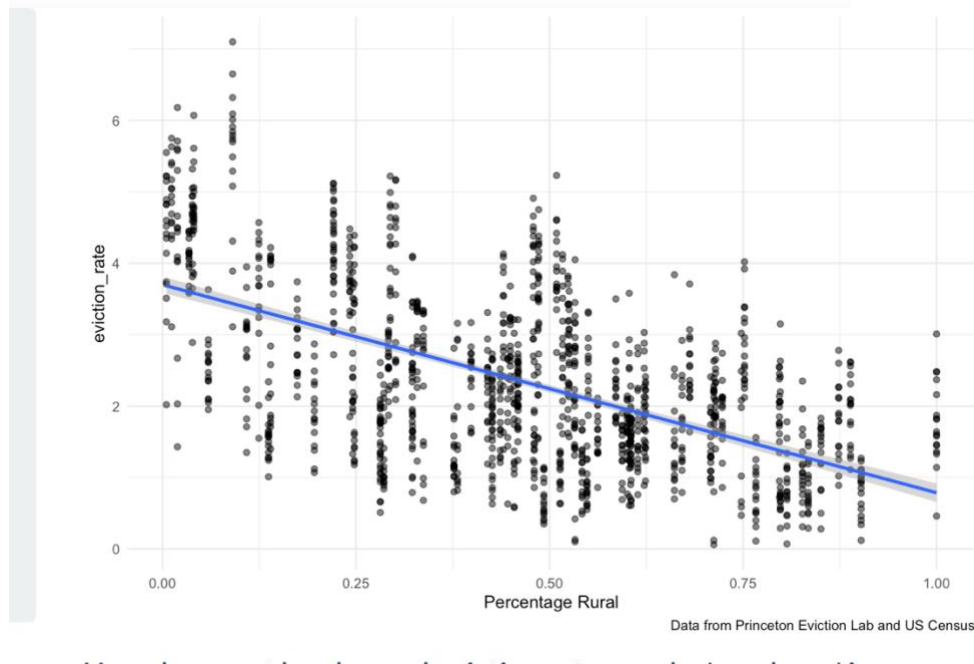
I merged data from the 2010 census with county-level eviction data to effect of measure “ruralness” on rent burden and eviction rate. Then I computed linear regressions.

Ruralness

Linear Regression of Ruralness and Rent Burden				
dependent variable is eviction rate				
	Coefficient	5th percentile	95th percentile	p.value
Intercept	28.15	27.78	28.51	0.000000e+00
Percent Rural	-2.01	-2.70	-1.31	2.456101e-06



Linear Regression of Ruralness and Eviction Rate				
dependent variable is eviction rate				
	Coefficient	5th percentile	95th percentile	p.value
Intercept	3.70	3.60	3.80	0.000000e+00
Percent Rural	-2.91	-3.10	-2.73	3.190146e-120



Discussion/ Results

I wanted to explore this because Ohio has a lot of rural areas, and housing likely looks a lot different there. Visually, we can see there seems to be a pretty negative and linear relationship between eviction rate and ruralness of a county. However, with rent burden, is not quite as clear. There are some rural counties with some high percentages of rent burden. It seems that the more rural a county is, the more eviction rate goes down as well as rent burden. However, for rent burden, its effect is not as significant. Therefore, it seems like rent burden, aka the percent of household income going towards rent, is similar to more urban counties.

Reference

This research uses data from The Eviction Lab at Princeton University, a project directed by Matthew Desmond and designed by Ashley Gromis, Lavar Edmonds, James Hendrickson, Katie Krywokulski, Lillian Leung, and Adam Porton. The Eviction Lab is funded by the JPB, Gates, and Ford Foundations as well as the Chan Zuckerberg Initiative. More information is found at evictionlab.org.