

## /.Social Vulnerability Index (SVI) (Developed by CDC)

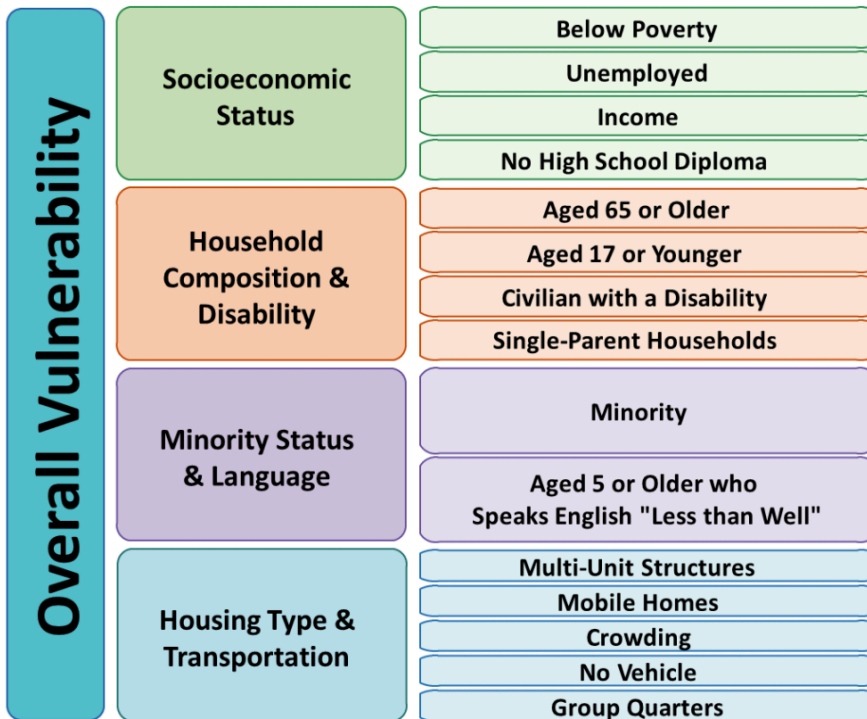
### What is Social Vulnerability?

Every community must prepare for and respond to hazardous events, whether a natural disaster like a tornado or disease outbreak, or a human-made event such as a harmful chemical spill. A number of factors, including poverty, lack of access to transportation, and crowded housing may weaken a community's ability to prevent human suffering and financial loss in a disaster. These factors are known as **social vulnerability**.

### What is the Social Vulnerability Index?

The SVI ranks each tract on **15 social factors**, including poverty, lack of vehicle access, and crowded housing, and groups them into four related themes. Each tract receives a separate ranking for each of the four themes, as well as an overall ranking.

Variables used to Calculate SVI using American Community Survey from US Census.



### SVI Metric:

CDC ranked Census tracts within each state and the District of Columbia, to enable mapping and analysis of relative vulnerability in individual states. CDC also ranked tracts for the entire United States against one another, for mapping and analysis of relative vulnerability in multiple states, or across the U.S. as a

whole. Tract rankings are based on percentiles. Percentile ranking values range from 0 to 1, with higher values indicating greater vulnerability.

**SVI for Lancaster Co compared all the Counties in US: 0.3025**

A score of 0.3025 indicates a low to moderate level of vulnerability.

Socioeconomic Status Index: 0.1573

Household Composition & Disability Index: 0.0774

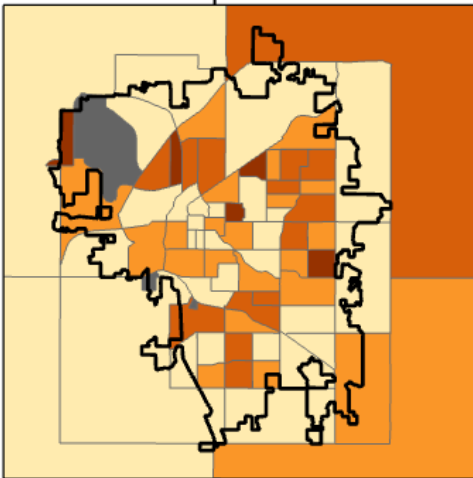
Minority Status & Language Index: 0.6988

Housing Type & Transportation Index: 0.6925

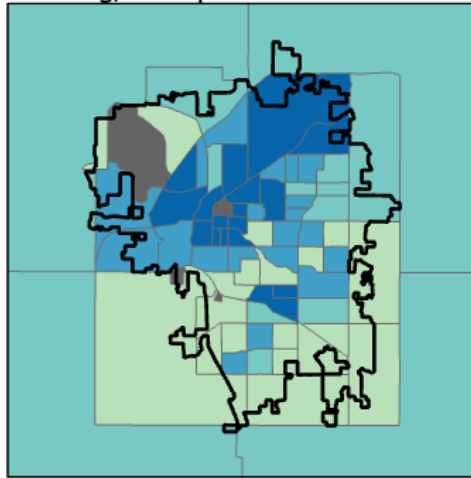
### SVI Themes

*Note: Darker the color, greater the vulnerability*

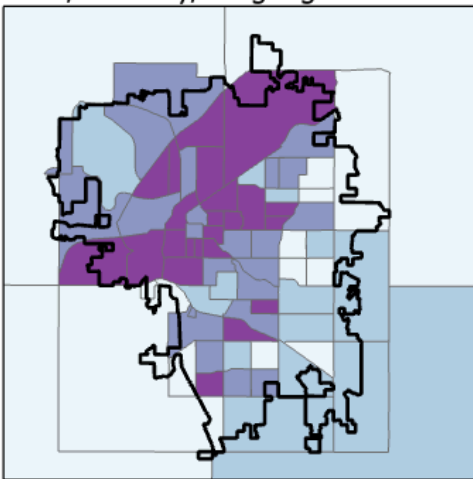
Household Composition



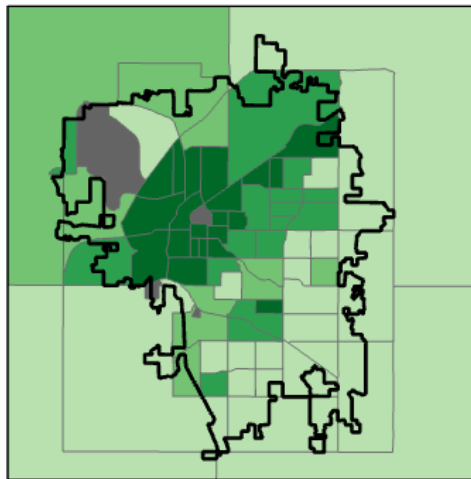
Housing/Transportation

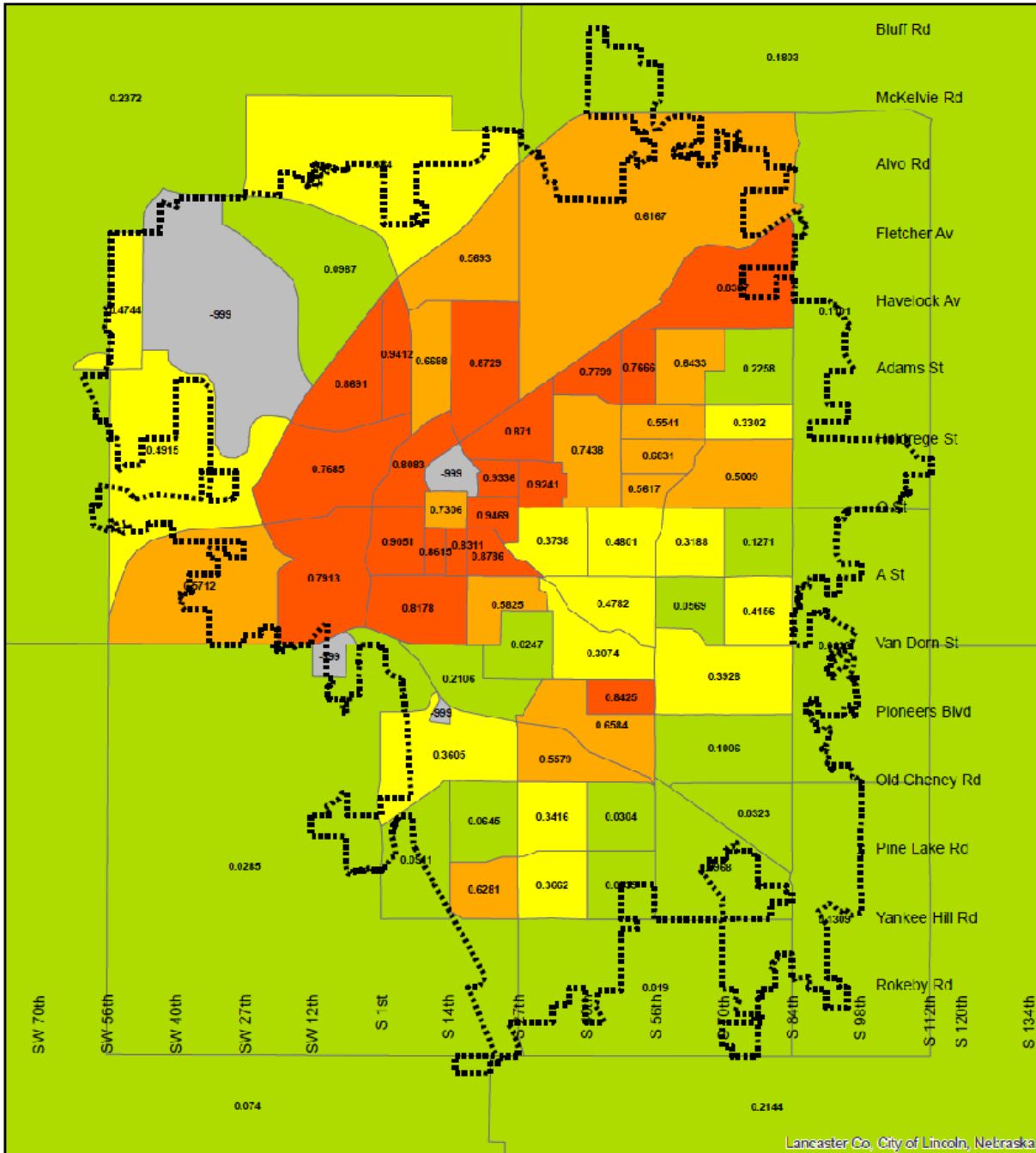


Race/Ethnicity/Language



Socioeconomic Status





## Social Vulnerability Index (Overall) by Census Tract Lancaster County 2018

Label: Social Vulnerability Index in each Census Tract

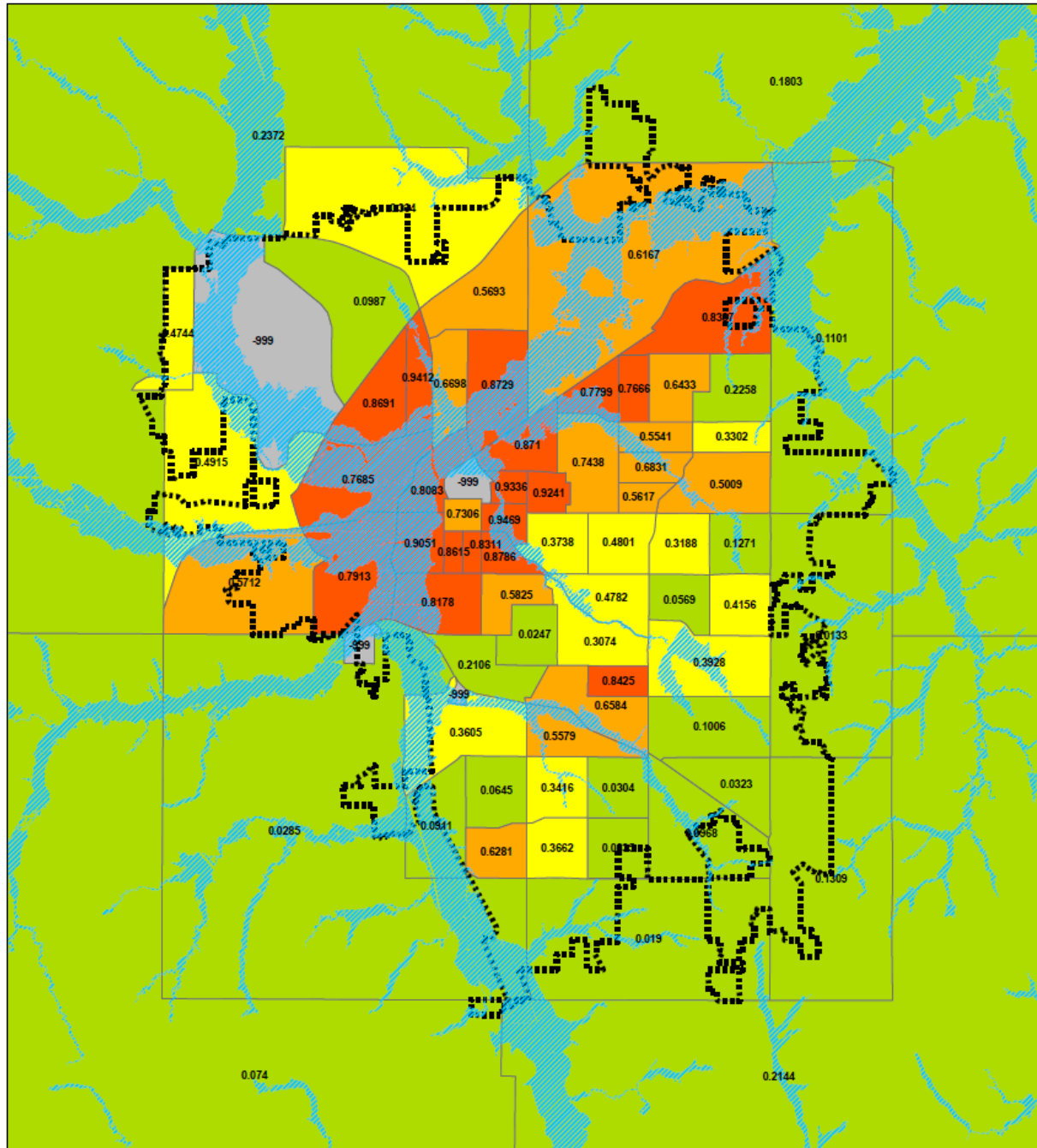
### Legend

RPL_THEMES	Value Range
Light Green	0-0.25
Yellow	0.2501 - 0.50
Orange	0.5001 - 0.75
Red	0.7501 - 1.0
Grey	U/A












Source: Lincoln Lancaster County Health Department

**Lancaster County SVI by Census Tracts with 500 year flood plan overlay:**  
*Note: Higher Value indicates greater vulnerability.*



**Social Vulnerability Index (Overall) by Census Tract  
 Lancaster County 2018**

**Legend**

	500 Yr Flood Plain		RPL_THEMES		0.2501 - 0.50
	U/A				0.5001 - 0.75
					0.7501 - 1.0

*Label: Social Vulnerability Index in each Census Tract*



*Source: Lincoln Lancaster County Health Department*