

MAPS

Distributions by Race

Pages 56 through 63 contain separate maps on the distribution of the African American or Black population, the Asian population, the Hispanic population, and the White population in Champaign-Urbana and Rantoul. The maps were created by dividing the number of people of a particular race or ethnicity in a block by the total number of residents in the same block. Thus, for each block a percentage of Black or African American, Asian, Hispanic, and White was calculated. These blocks were then classified into the five following categories:

- 0% of the race or ethnicity
- Greater than 0% to 20% of the race or ethnicity.
- 20% to 40% of the race or ethnicity.
- Greater than 40% of the race or ethnicity.
- No data; there is no residential population in the census block, or none of the persons living in the census block were counted in the 2010 Census.

All four race distribution maps are classified into these same five categories, making each map comparable to another.

When viewing these maps, it is important to keep in mind that the number of people in each block is not the same. A block containing one person would be classified as having 100% of any particular race or ethnicity. A block could be incorrectly classified if not all the persons living in the block were counted in the 2010 Census.

Measure of Diversity

A map of the measure of diversity in Champaign-Urbana, Mahomet and Rantoul is presented on page 59. In creating this map, an attempt was made to show the racial diversity of the population without defining the exact race or ethnicity of the census block. All of the race categories were used. White alone, Black or African American Alone, American Indian and Native Alaskan Alone, Asian Alone, Native Hawaiian and Other Pacific Islander Alone, Other Race Alone, and Two or More Races. The number of people in each of the above seven race categories was divided by the total number of persons in each census block. Thus, a percentage of White, a percentage of Black or African American, a percentage of Asian, etc. was created for each census block. After the percentages were calculated, each census block was categorized into the five following designations based on the highest percentage of any of the seven race categories. Each designation was assigned a number and that number is represented on the map.

- Greater than or equal to 95% of any one race.
- 75% to 95% of any one race.
- 50% to 75% of any one race.
- No more than 50% of any one race.
- No data; there is no residential population in the census block, or none of the persons living in the census block were counted in the 2010 Census.

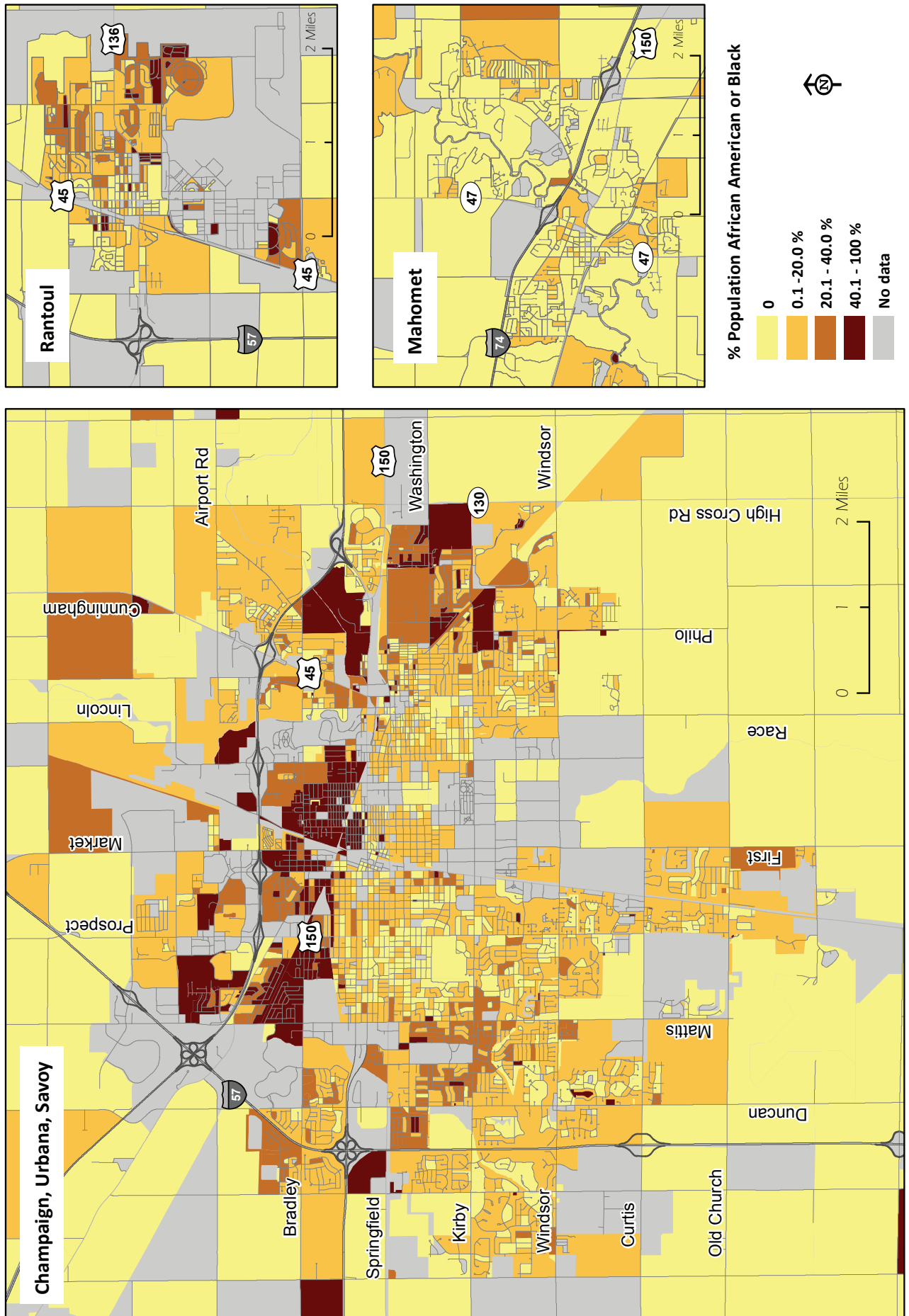
Each of the five maps on race and ethnicity presents data by block from the U.S. Census Bureau Census 2010 Summary File 1. This file contains 100 percent counts of the population, and all data is published regardless of the number of people that reside in each block.

Population Density of Champaign County

The population density map on page 62 was calculated by dividing the number of people in each census block by the land acreage of each census block. Densities are classified using a quintile method in which each of the five categories contain the same number of census blocks. Census blocks with population totals of zero were classified separately in a "No population" category.

Distribution of the African American or Black Population by Census Block in 2010

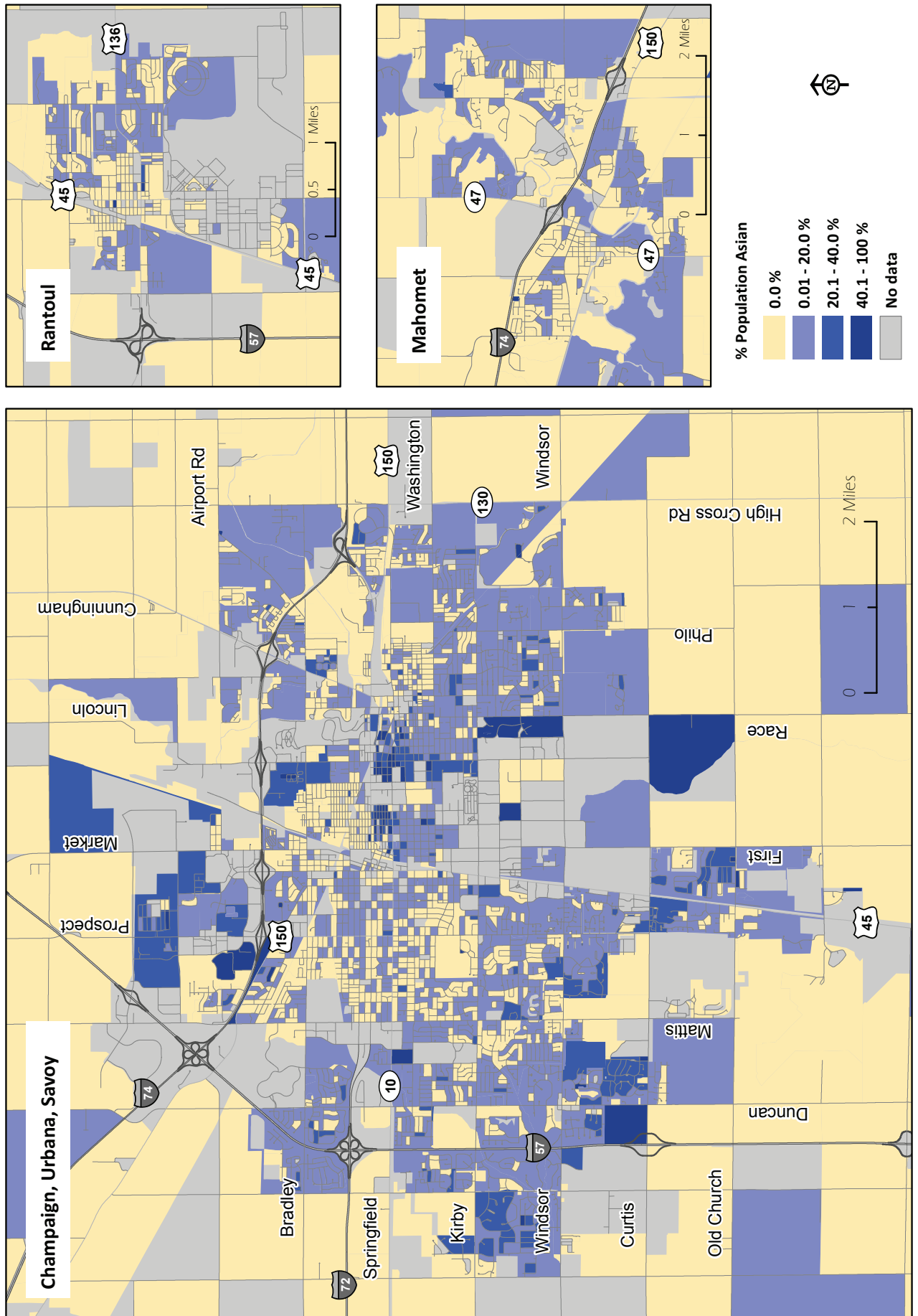
Map Produced: January, 2012
Source: Census 2010





Map Produced: January, 2012
Source: Census 2010

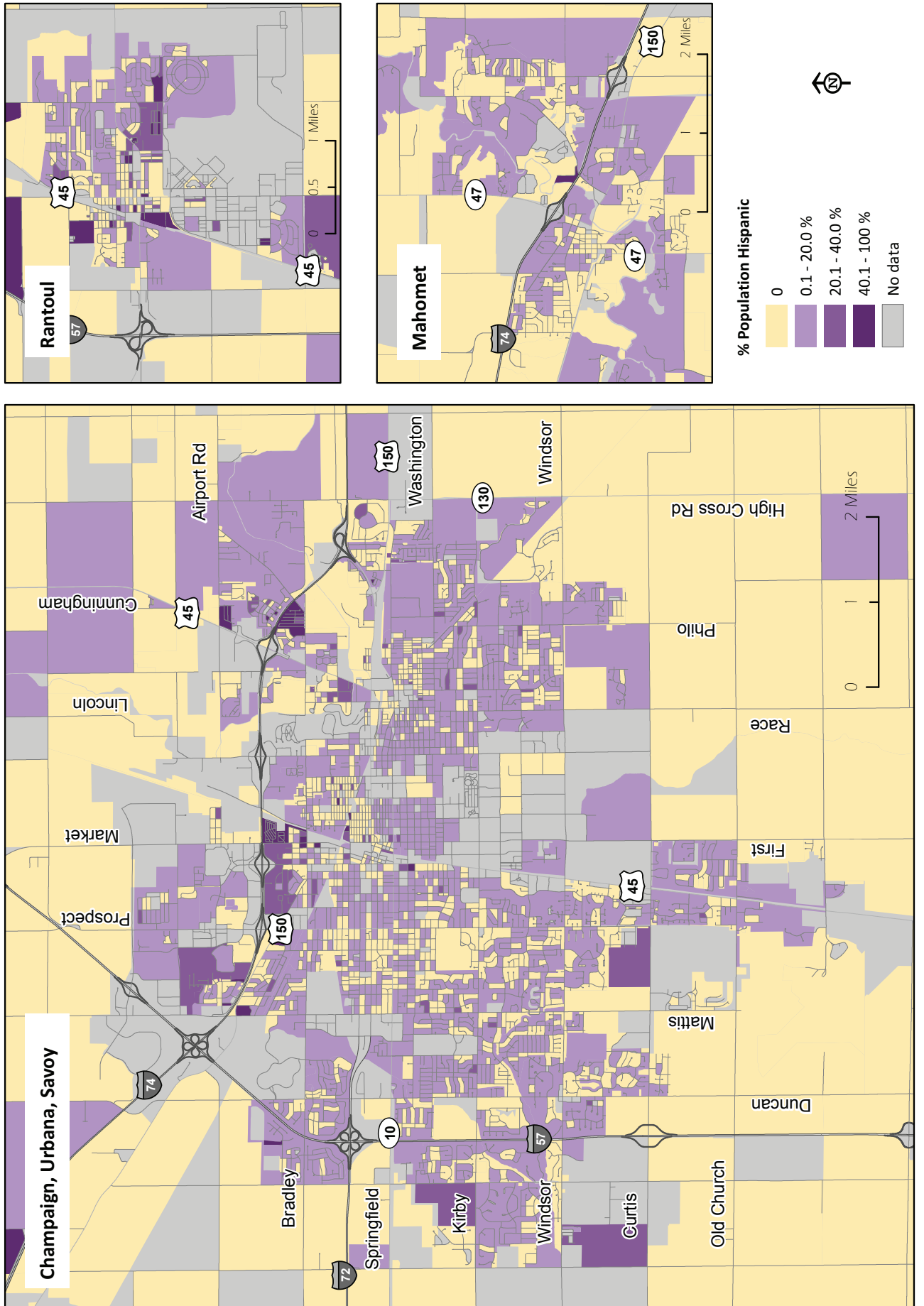
Distribution of the Asian Population by Census Block in 2010





Map Produced: January, 2012
Source: Census 2010

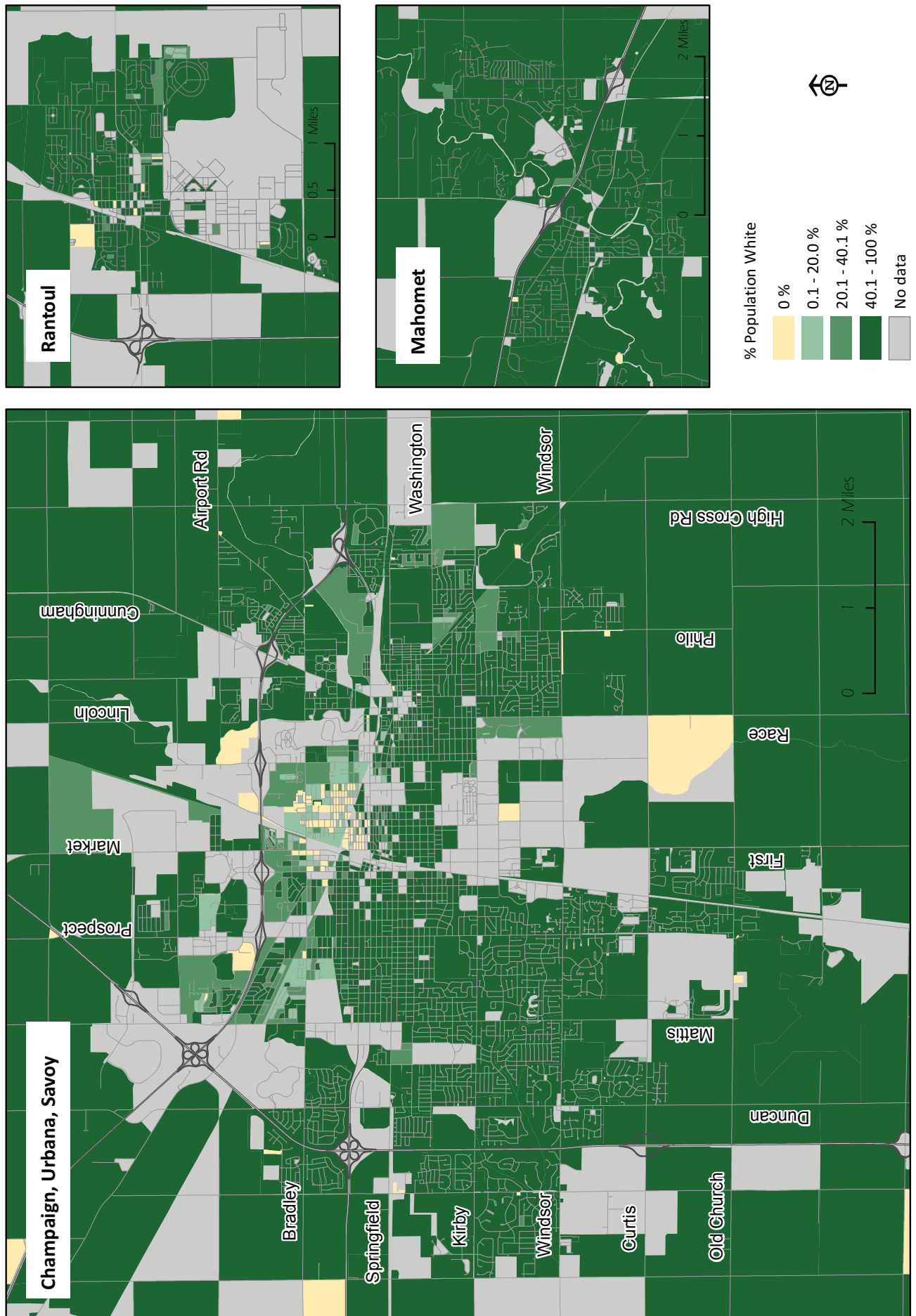
Distribution of the Hispanic Population by Census Block in 2010





Map Produced: January, 2012
Source: Census 2010

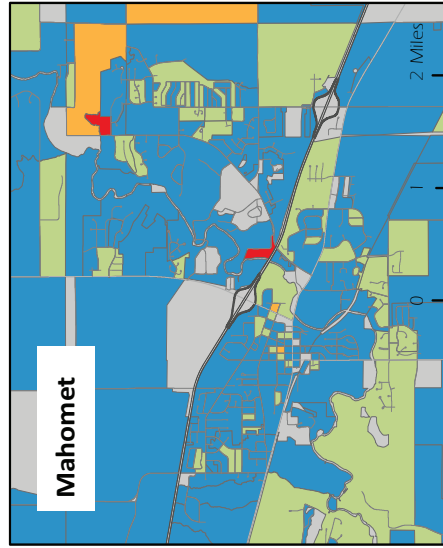
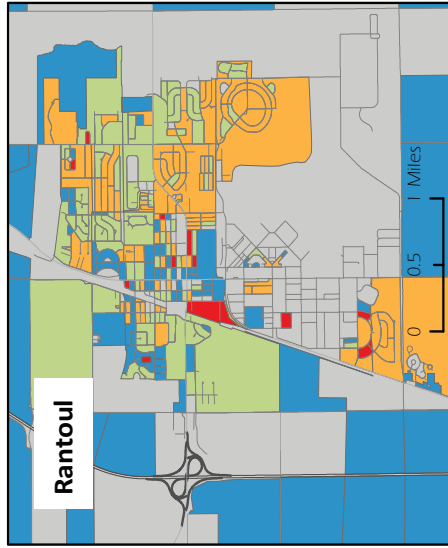
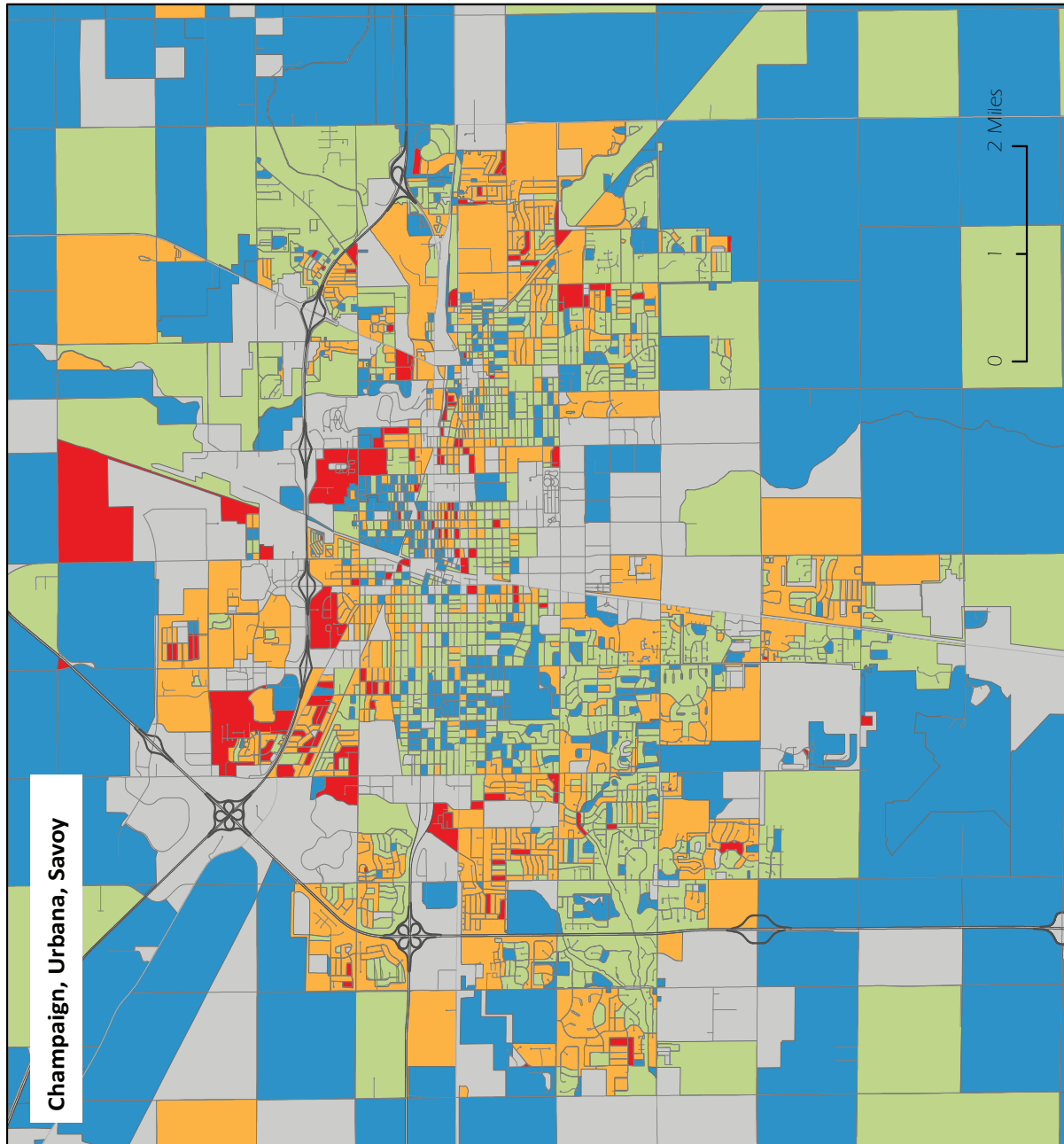
Distribution of the White Population by Census Block in 2010



Measure of Racial and Ethnic Diversity by Census Block in 2010



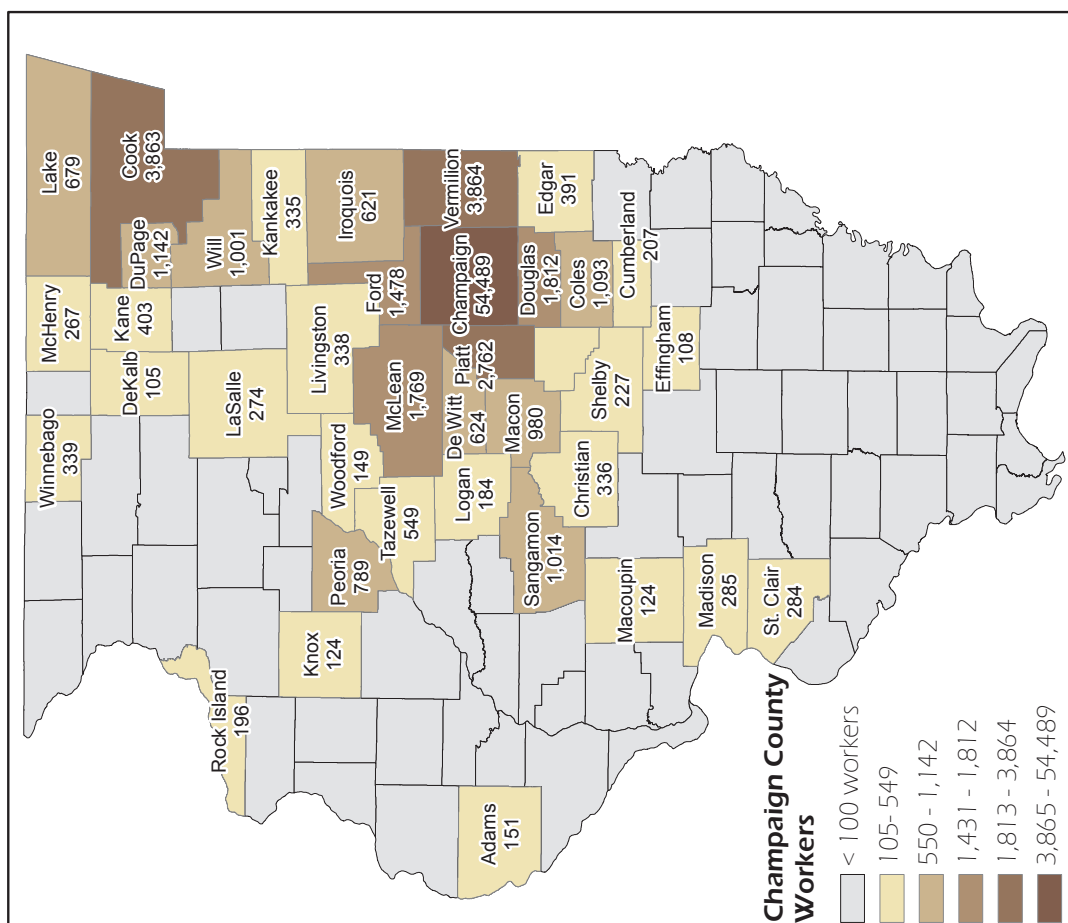
Map Produced: January, 2012
Source: Census 2010



Measure of Diversity

- > 95% of one race/hispanic
- > 75% & < 95% of one race/hispanic
- > 50% & < 75% of one race/hispanic
- <50% of one race/hispanic
- No data

Residence County of Champaign County Workers: 2009



A horizontal scale bar with tick marks at 0, 50, and 100 Miles. The text '0', '50', and '100 Miles' is positioned below the bar.

Map Produced: January, 2012
Source: U.S. Census Bureau,
Longitudinal Employer-Household Dynamics



2010 Census Geographies

Champaign County

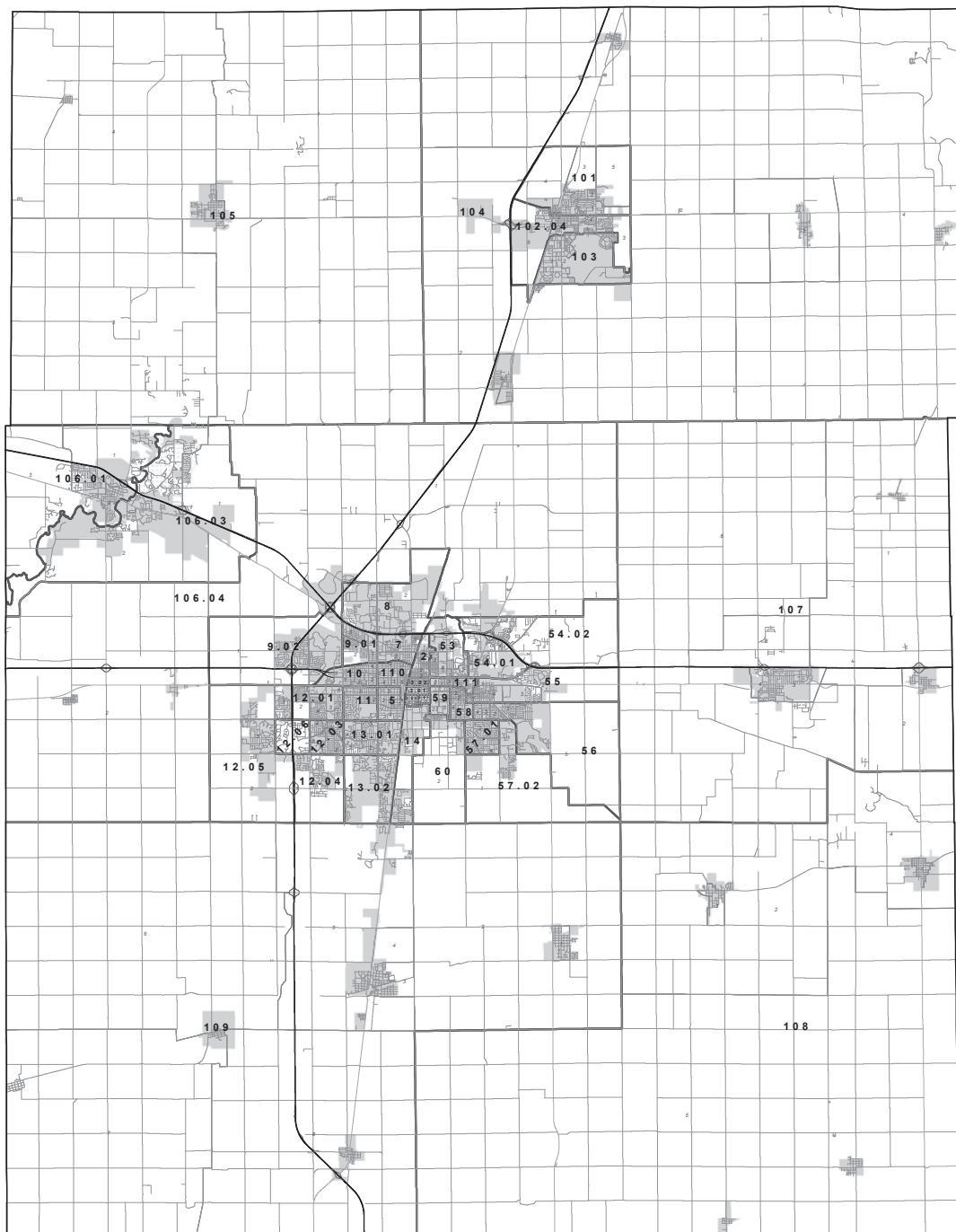
Map Created: 8/5/2011



Legend

- 2010 Census Tracts
- 2010 Census Block Groups
- Places**
- Places
- Census Place

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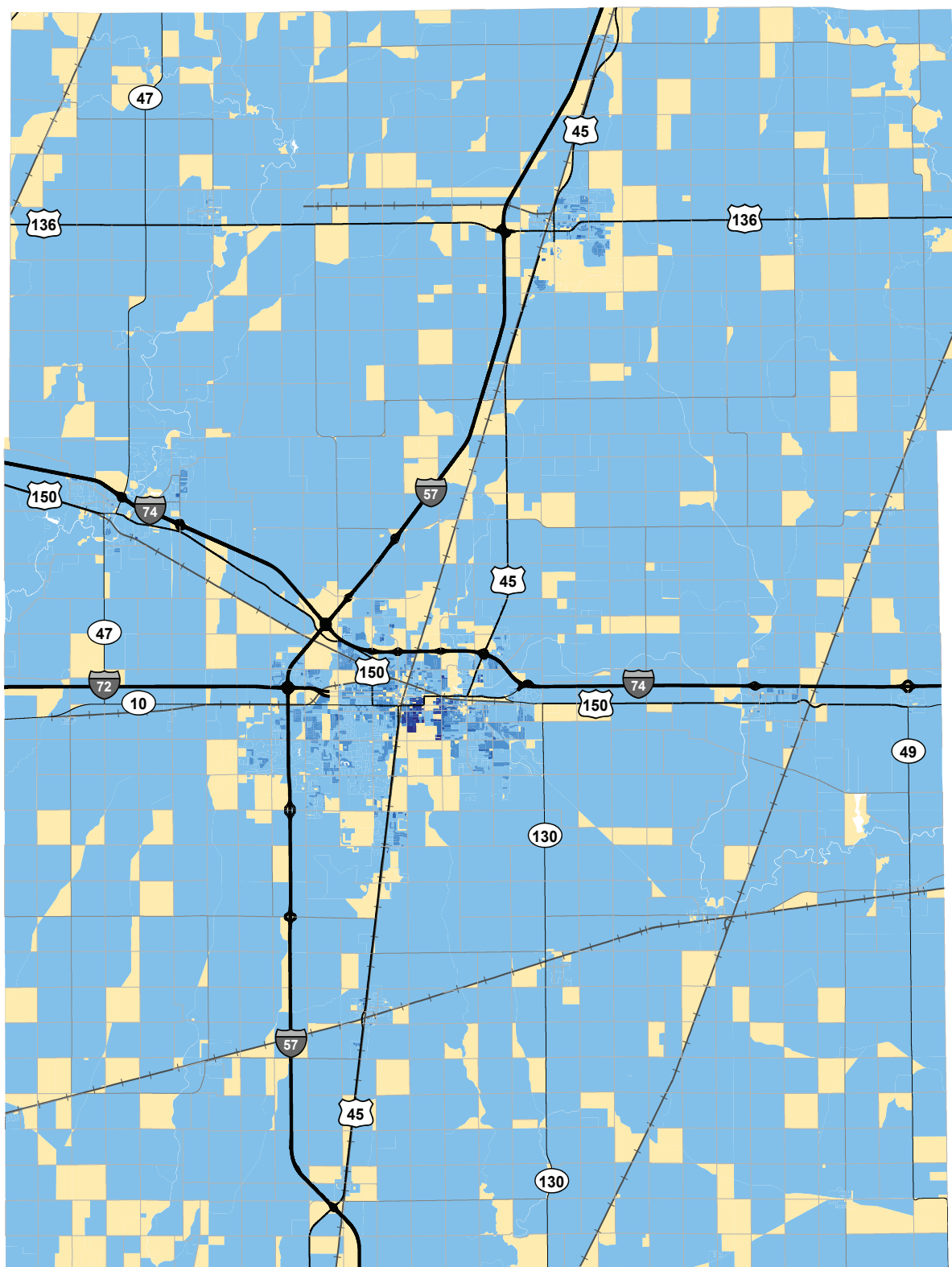
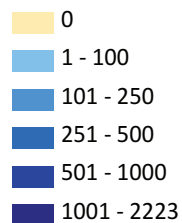
Population Density of Champaign County

Population density is calculated by dividing the number of people in each Census Block by the land acreage of each Census Block. Data is classified using the Natural Breaks (Jenks) method which separate blocks into statistically similar categories.

0 2.5 5 10 Miles



Population per Acre



Source: Census 2010

Map Produced: January, 2010