

In my analysis, I observed exactly what I expected in the Metro New Orleans area. Population density is slightly higher overall in neighboring Jefferson Parish, the French Quarter and in Eastern New Orleans.

High school graduation rates are highest in New Orleans near Lake Ponchartrain and Uptown, especially near Audubon Park/St. Charles. This area is much more affluent than the rest of the region; lots of “old money” families live here. Tulane University is also in this area. The east bank of Jefferson Parish also has higher graduation rates overall; also expected because this area is newer and much more traditionally suburban in nature. One area that surprised me was an area in Eastern New Orleans with a high dropout rate that is known to be predominately Vietnamese. The Westbank’s low graduation rates was actually quite shocking; especially the cities of Westwego and Harvey. Those areas are generally pretty decent and would not seem to have a higher than average dropout rate. Another area that surprised me is the Bywater area near the river in the city. The hospital I was born in is in this area and some parts are pretty rough around the edges. However, it is less than 3 miles from the French Quarter and there was a Navy base there for a long time however so maybe that had some effect.

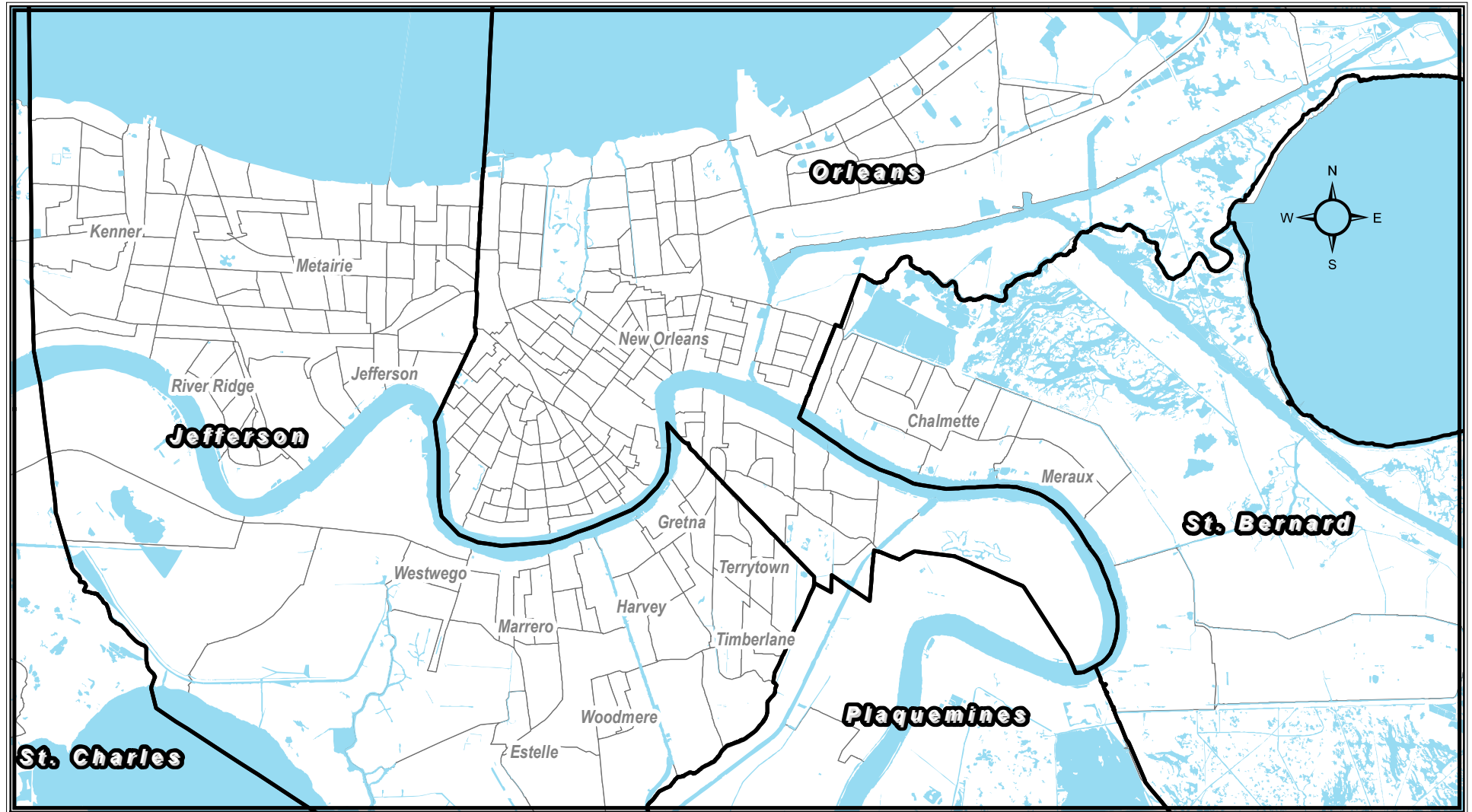
Mean income data generally fell how I remembered the city to be. Areas near the lake and on the east bank of the Mississippi river are pretty well off and more desirable to live in. Areas on the Westbank also lean in the same direction for the most part. The Mid-City/Uptown area right in the middle of the city and a large chunk of New Orleans East are well known lower income areas.

When I compiled my scatterplot graph, I was able to identify the six main census blocks where economic rehab efforts may be needed most by plotting Mean income against H.S. education percentage. 4 of these 6 areas are in the city itself. The dot density map further confirmed this. It looks as though the vast majority of the lowest income residents live in the central city/mid-city area. This is an area that was unfortunately known for criminal activity in the past and it seems like the area has not changed much.




Overall, once again the data showed exactly what I expected. The visuals drive the point home.

# New Orleans Metropolitan Area

*Census Tracts*



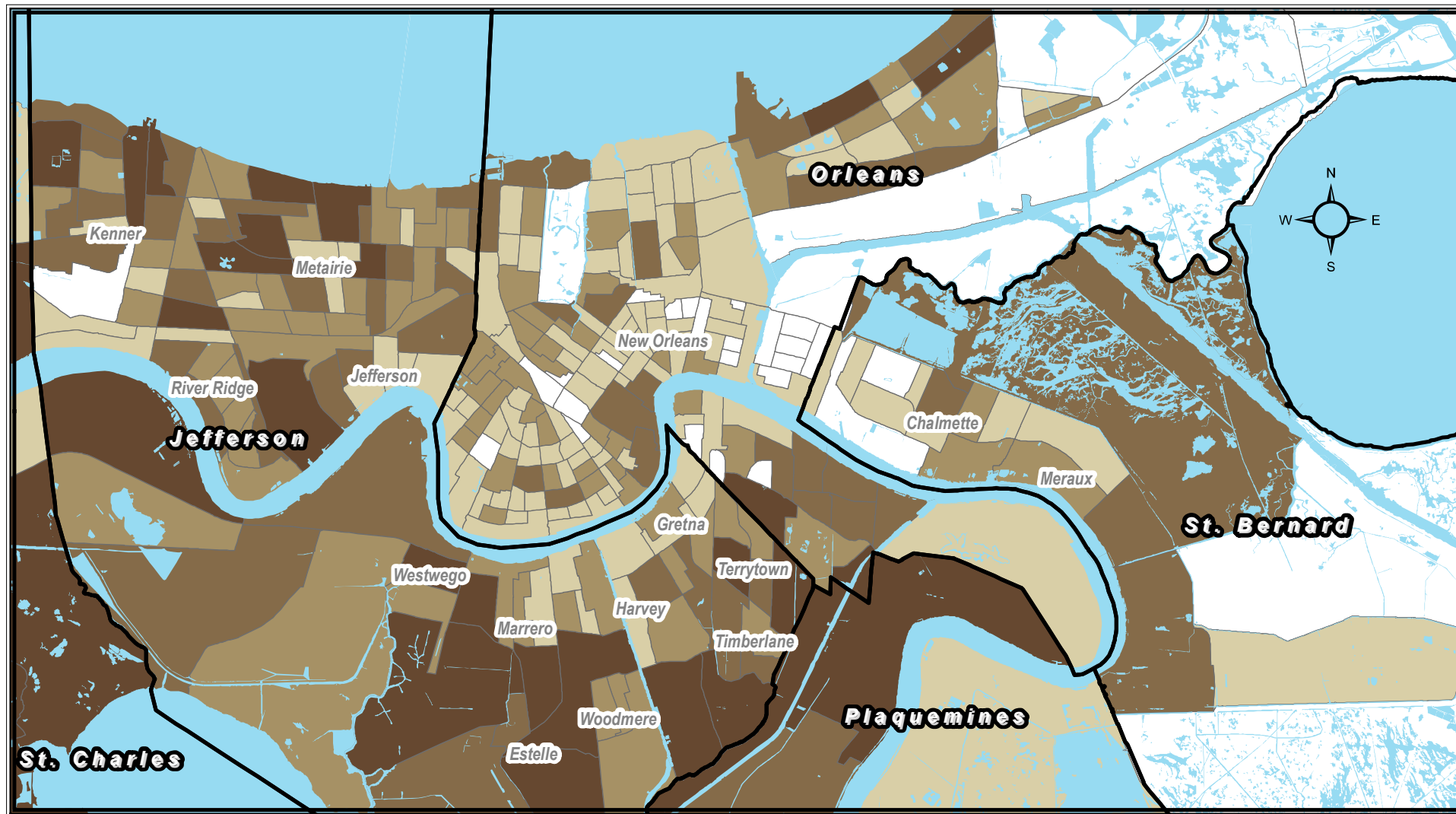
## Legend

-  Parish (County) Lines
-  Water
-  Census Tracts

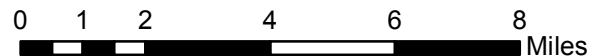
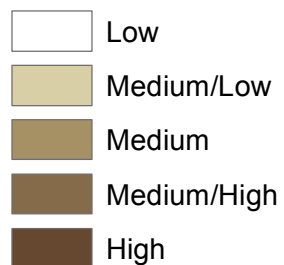
0 1 2 4 6 8 Miles

# New Orleans Metropolitan Area

Population Density - 2013

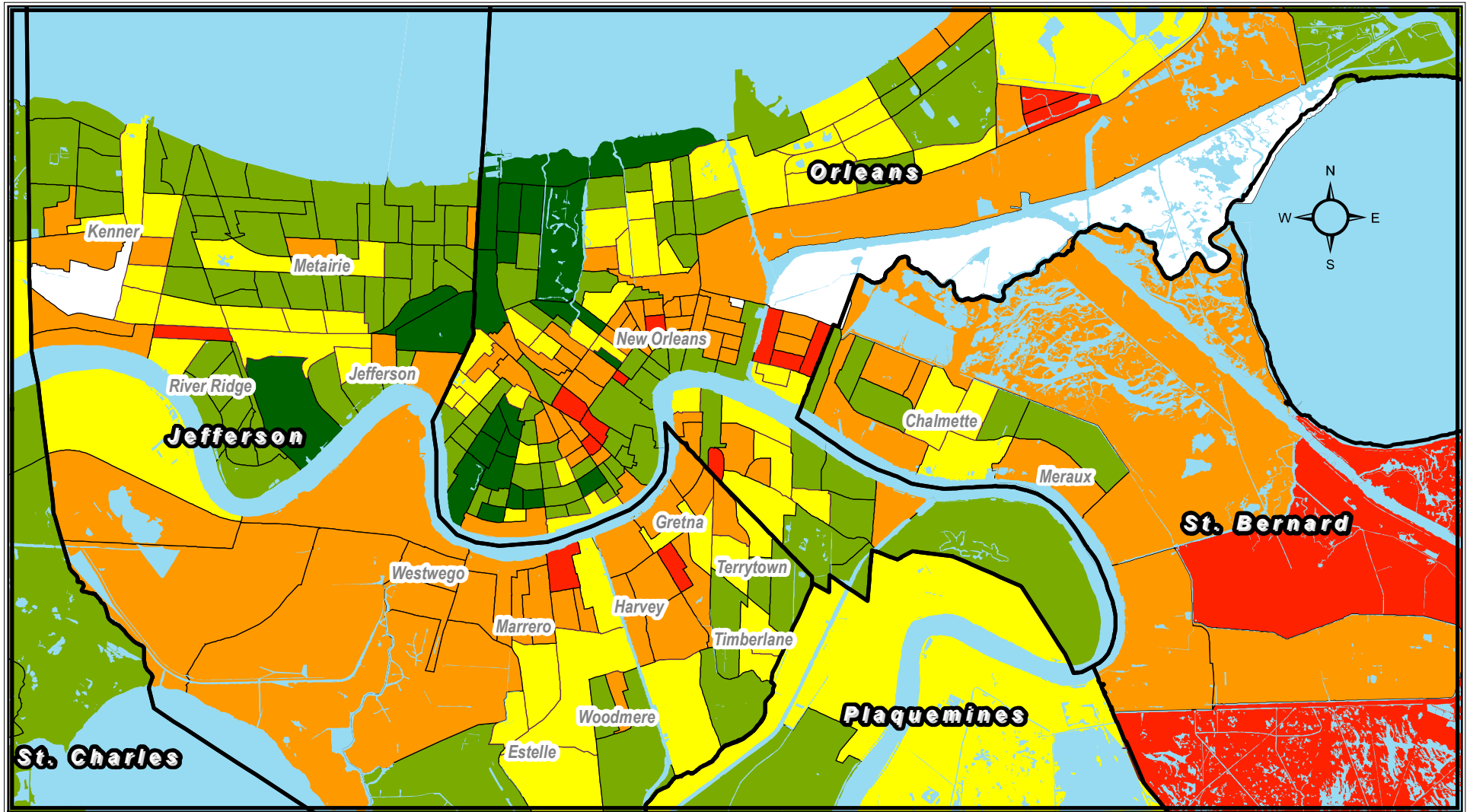


## Density Level

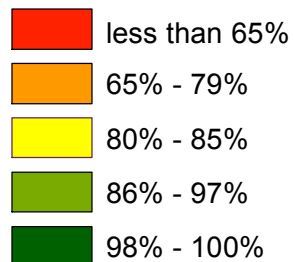


# New Orleans Metropolitan Area

High School Graduation Rate by Census Block



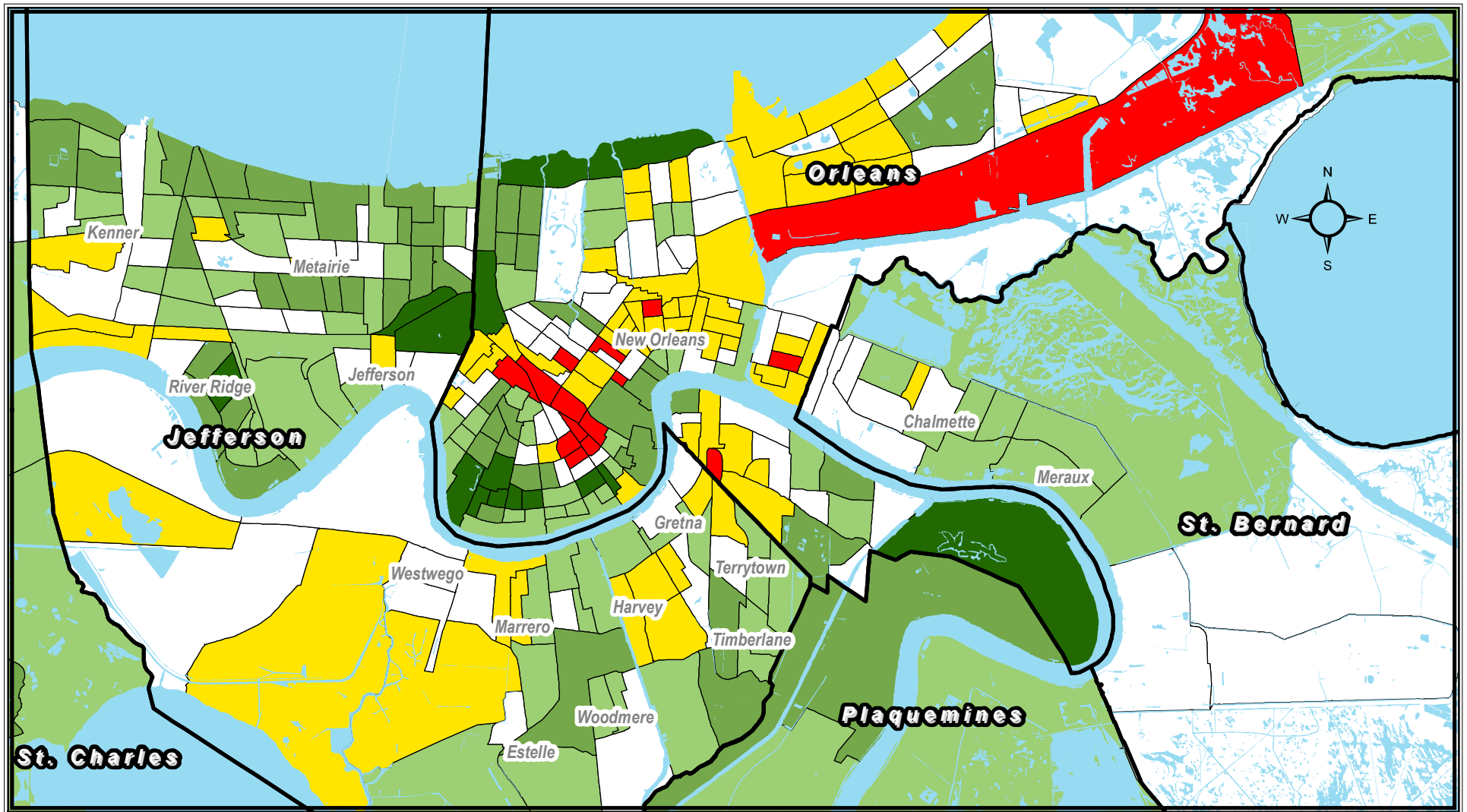
## High School Graduation Rate



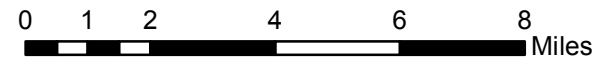
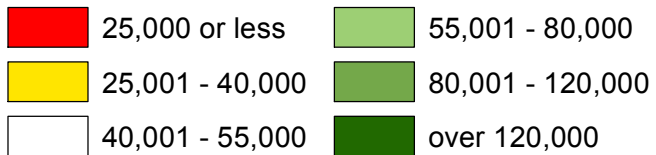
0 1 2 4 6 8 Miles

# New Orleans Metropolitan Area

Mean Income by Census Block



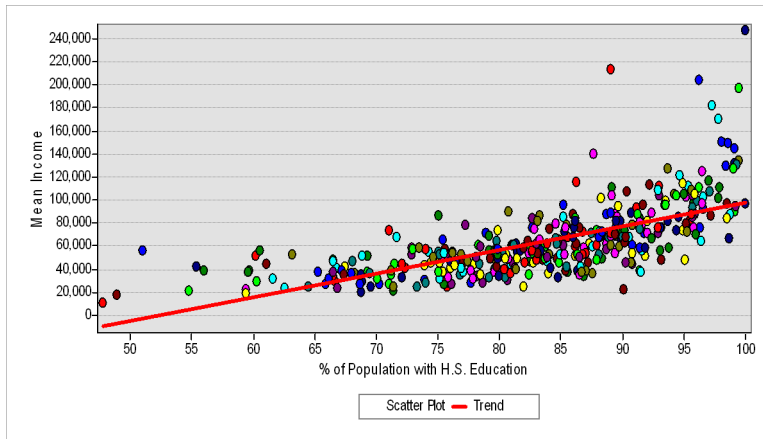
## Mean Income





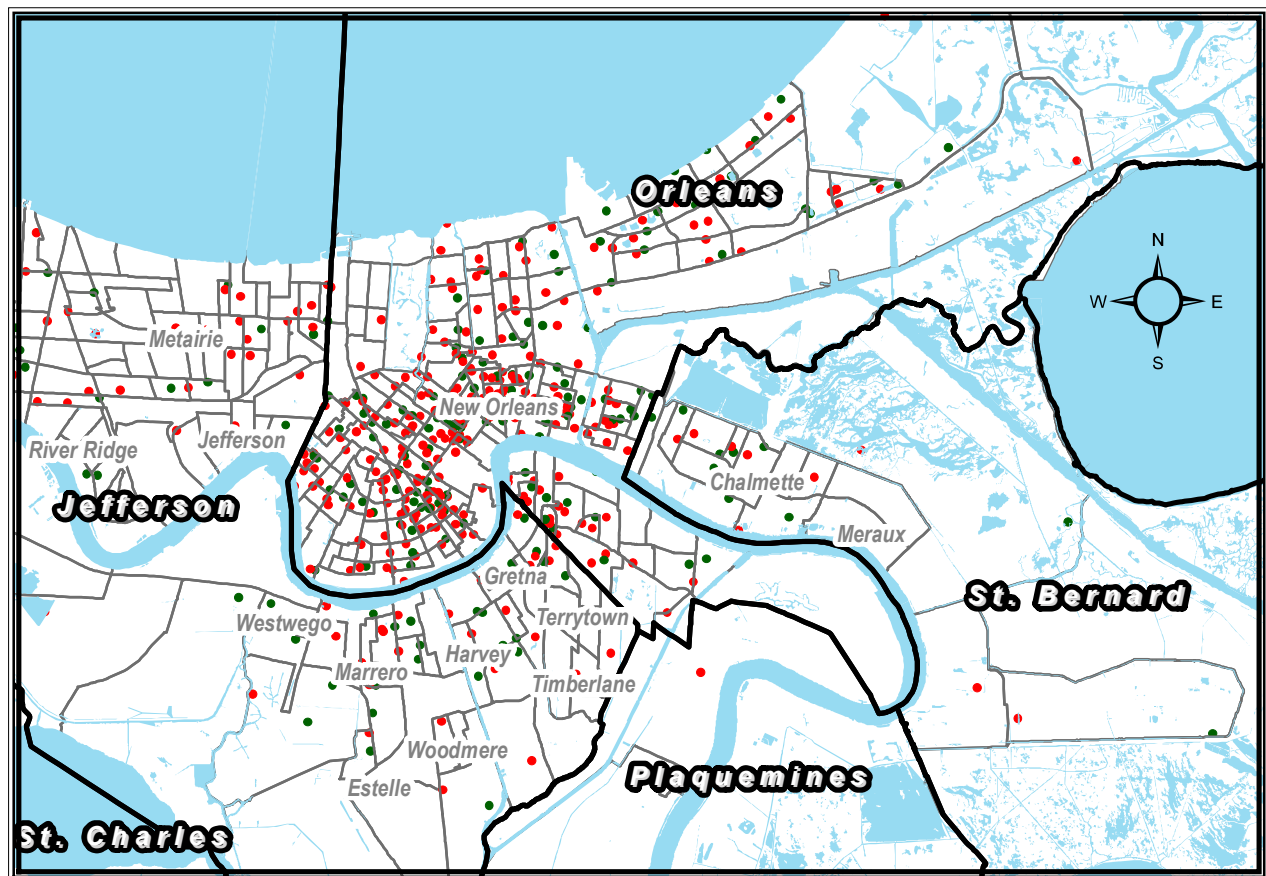
# New Orleans Metropolitan Area

*Education & Mean Income; Target low income areas*



The graph shows the correlation between High school education and average household income. With the exception of a few outliers the red line shows the general positive trend in average household income in areas where more individuals complete their high school education.

The scatterplot map below shows possible areas where economic revitalization opportunities may be most beneficial.



**Low income concentration**

0 1.5 3 6 9 12 Miles

1 Dot = 10 households

- Under \$10,000
- Under \$15,000