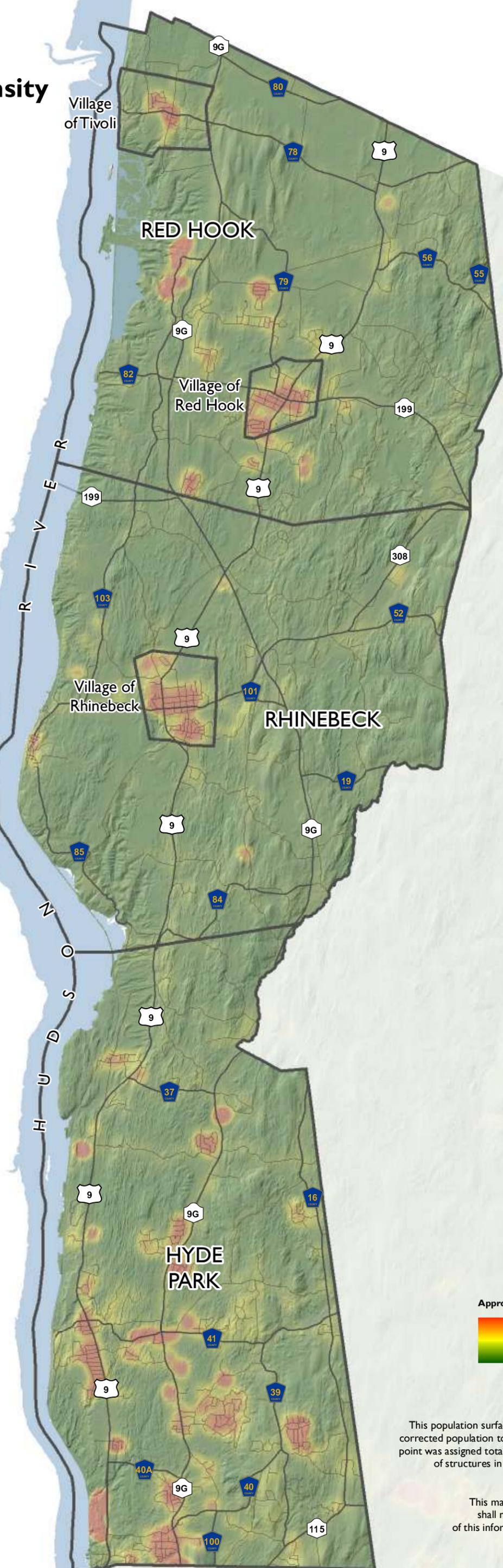


Upper Hudson 2010 Population Density



Approximate Population Density per Sq. Mi.

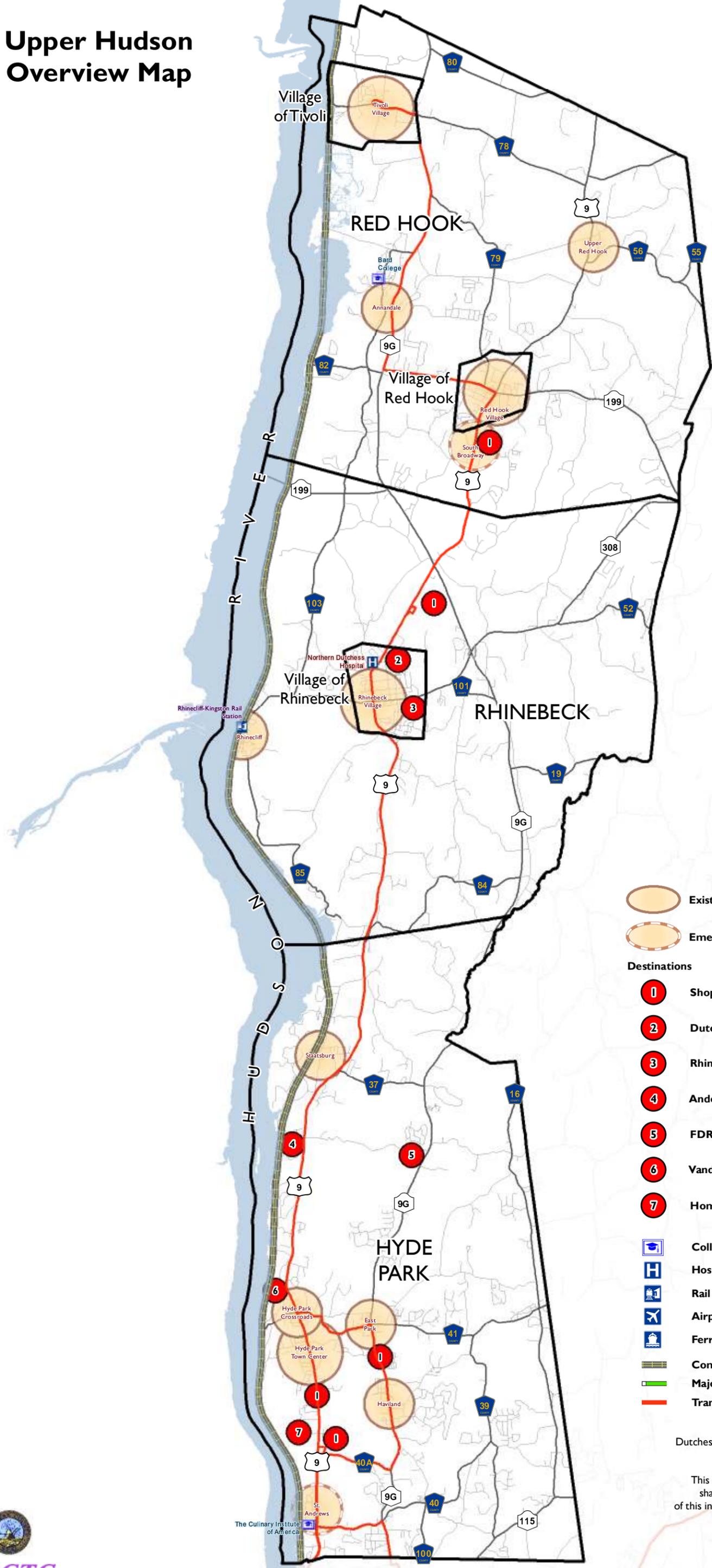
 High: Over 8,000 Persons per Sq. Mi.
 Low: Under 100 Persons per Sq. Mi.

This population surface map is an interpolation of block-level Census 2010 corrected population totals, assigned to points representing structures. Each point was assigned total population per Census block, divided by the number of structures in the Census block (average population per structure), in order to accurately represent population centers.

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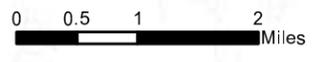
Upper Hudson Overview Map



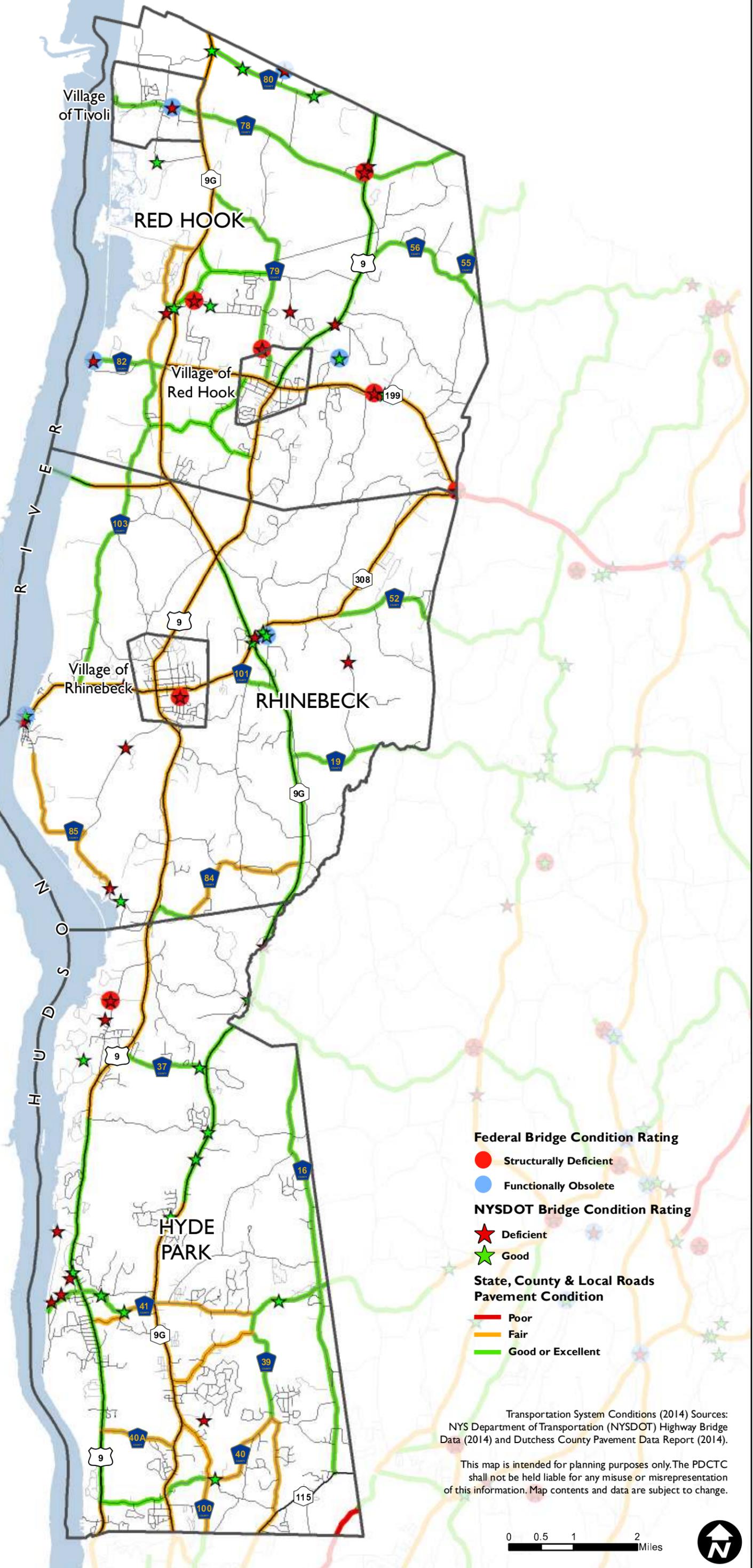
- Existing Centers
- Emerging Centers
- Destinations**
- Shopping Center
- Dutchess County Fair Grounds
- Rhinebeck High School
- Anderson School
- FDR High School
- Vanderbilt Mansion National Historic Site
- Home of Franklin Roosevelt National Historic Site
- Colleges
- Hospitals
- Rail Stations
- Airport
- Ferry
- Commuter Rail
- Major County Trails
- Transit Routes

Dutchess County's Centers and Greenspaces Planning Principles define the Existing and Emerging Centers shown here.

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Upper Hudson Transportation System Conditions (2014)



Federal Bridge Condition Rating

- Structurally Deficient
- Functionally Obsolete

NYSDOT Bridge Condition Rating

- Deficient
- Good

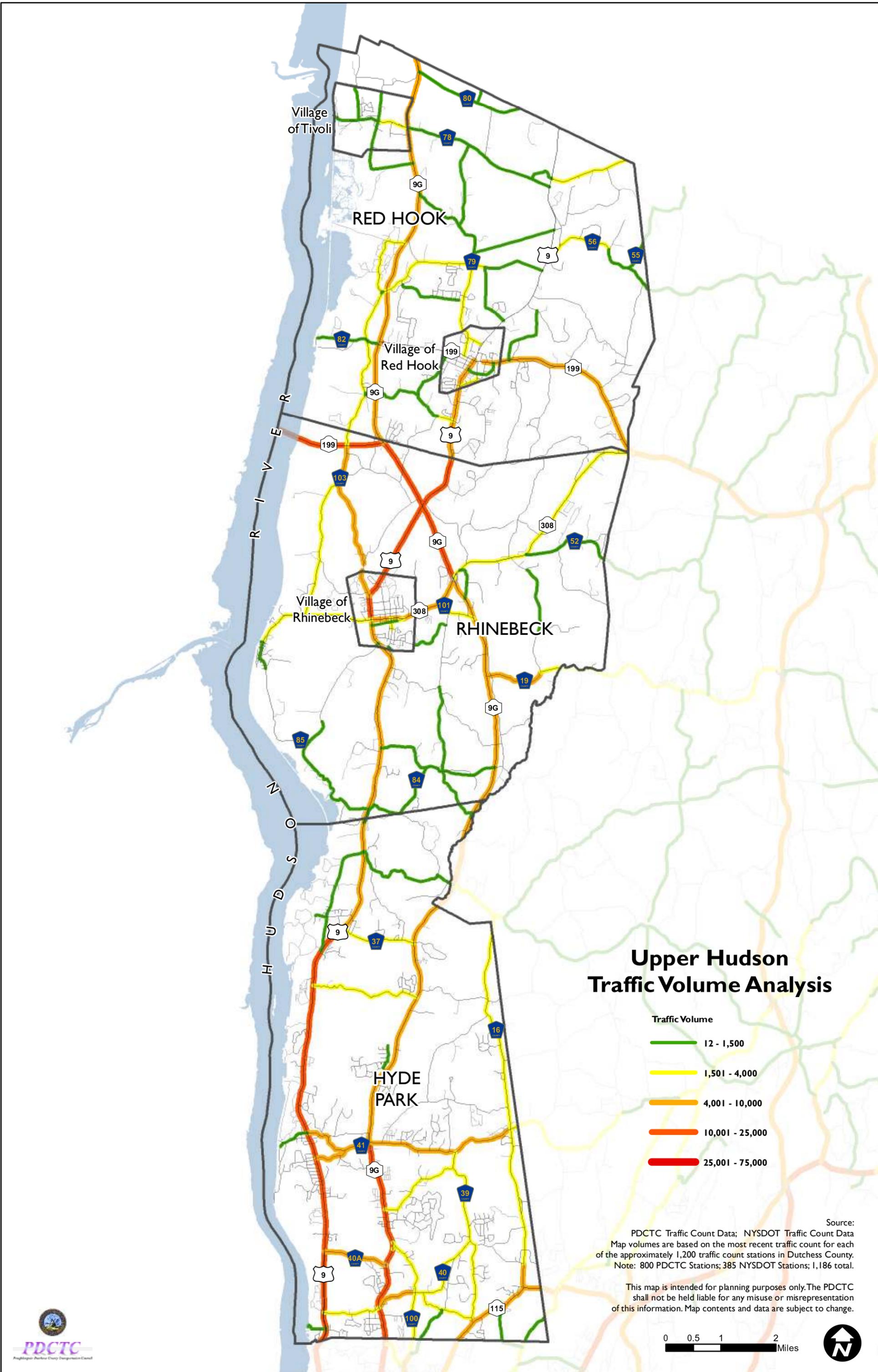
State, County & Local Roads Pavement Condition

- Poor
- Fair
- Good or Excellent

Transportation System Conditions (2014) Sources: NYS Department of Transportation (NYSDOT) Highway Bridge Data (2014) and Dutchess County Pavement Data Report (2014).

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Upper Hudson Traffic Volume Analysis

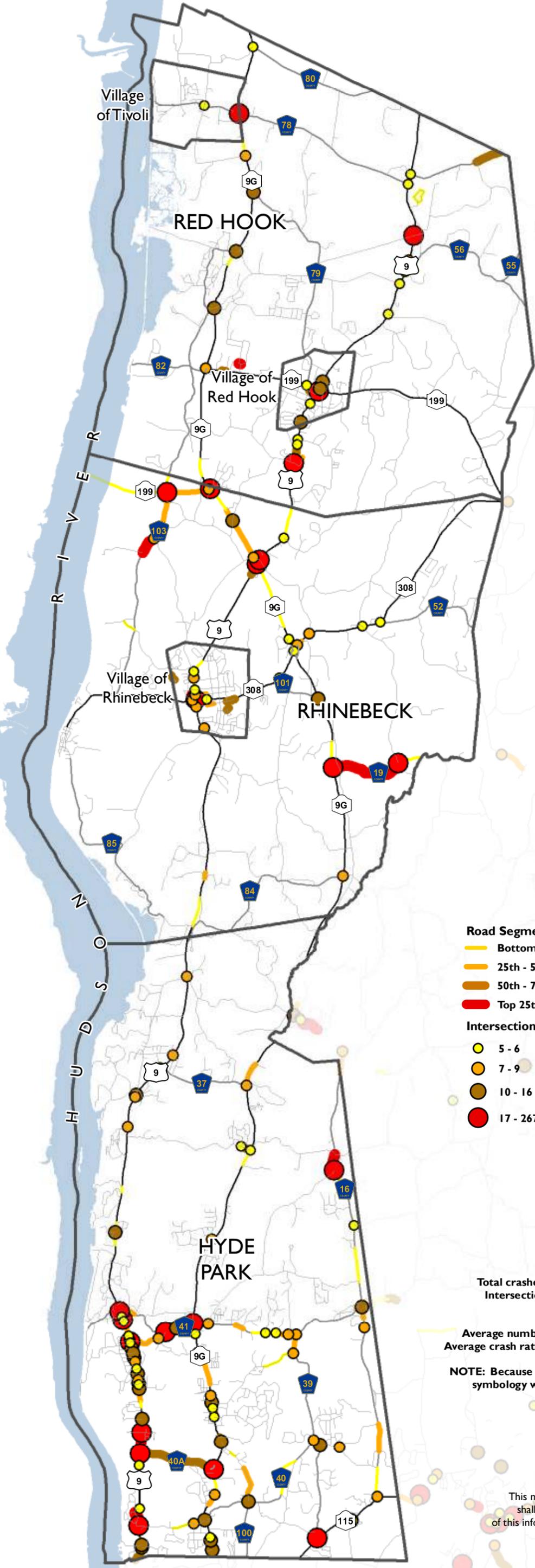
- Traffic Volume**
- 12 - 1,500
 - 1,501 - 4,000
 - 4,001 - 10,000
 - 10,001 - 25,000
 - 25,001 - 75,000

Source:
 PDCTC Traffic Count Data; NYSDOT Traffic Count Data
 Map volumes are based on the most recent traffic count for each of the approximately 1,200 traffic count stations in Dutchess County.
 Note: 800 PDCTC Stations; 385 NYSDOT Stations; 1,186 total.

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Upper Hudson Crash Analysis (2010-2014)



- Road Segments (with above average crash rates)**
- Bottom 25th percentile
 - 25th - 50th percentile
 - 50th - 75th percentile
 - Top 25th percentile
- Intersections (with above average crash rates)**
- 5 - 6 (Bottom 25th percentile)
 - 7 - 9 (25th - 50th percentile)
 - 10 - 16 (50th - 75th percentile)
 - 17 - 267 (Top 25th percentile)

CountyWide 2010-2014:
 Total crashes: 37,679 (includes crashes on private property)
 Intersection crashes (within 75' of an intersection): 16,399
 Road segment crashes: 20,152
 Private Property crashes: 1,128
 Average number of crashes at intersections with crashes: 4.81
 Average crash rate of road segments with crashes: 28.83 per mile

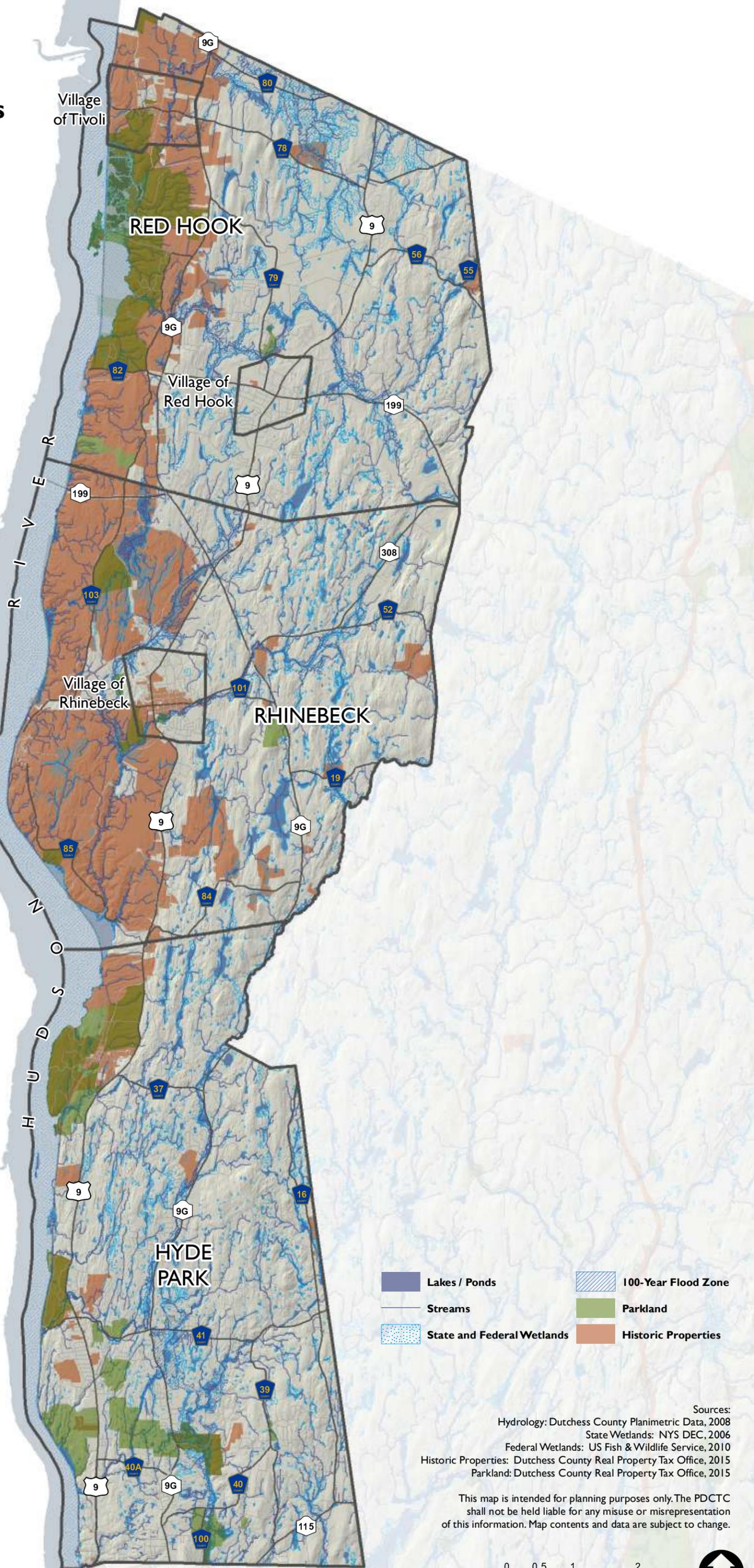
NOTE: Because each class of road has very different crash rates, symbology was based on quantiles for each class (Interstate, US, NY, County, Local, Private). Segments with very few crashes were not symbolized.

Source: Crash Analysis (2010-2014)
 NYS Department of Transportation (NYSDOT)
 Accident Location Information System (ALIS).

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Upper Hudson Natural and Cultural Resources



-  Lakes / Ponds
-  Streams
-  State and Federal Wetlands
-  100-Year Flood Zone
-  Parkland
-  Historic Properties

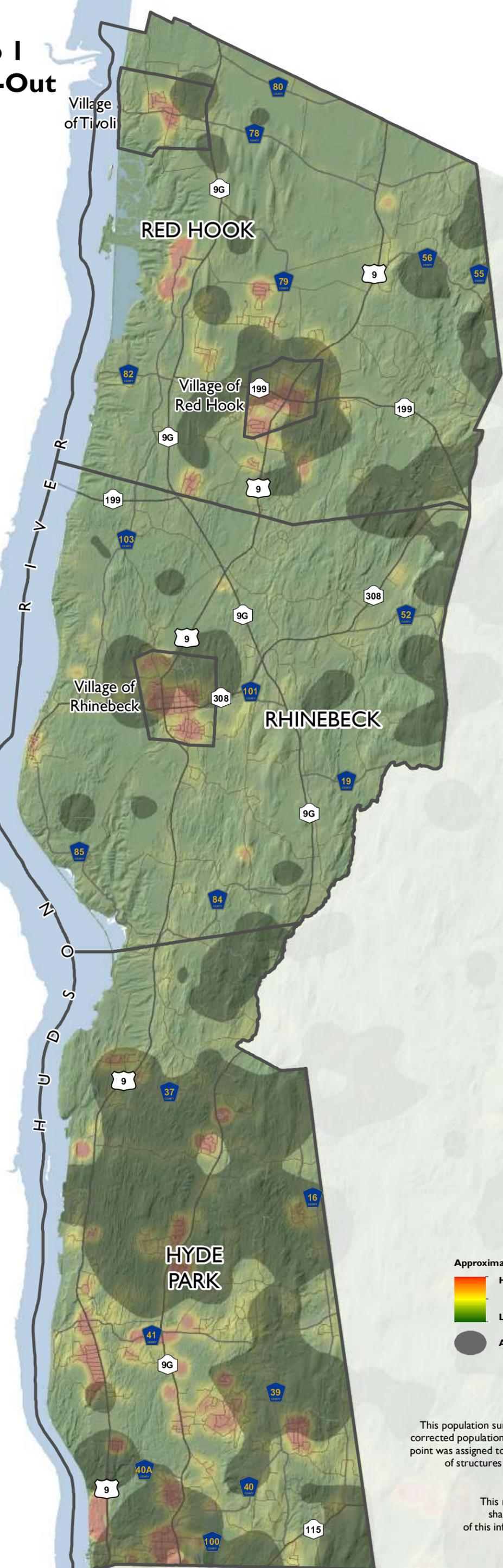
Sources:
 Hydrology: Dutchess County Planimetric Data, 2008
 State Wetlands: NYS DEC, 2006
 Federal Wetlands: US Fish & Wildlife Service, 2010
 Historic Properties: Dutchess County Real Property Tax Office, 2015
 Parkland: Dutchess County Real Property Tax Office, 2015

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0 0.5 1 2 Miles



Upper Hudson Land Use Scenario I 2040 Land-Use Build-Out



Approximate Population Density per Sq. Mi.

- High: Over 8,000 Persons per Sq. Mi.
- Low: Under 100 Persons per Sq. Mi.

Areas of Greatest Development Potential at Buildout

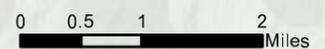
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PDCTC

Poughkeepsie-Dutchess County Transportation Council



Upper Hudson Land Use Scenario 2 2040 Smart Growth Scenario (Centers & Greenspaces)

