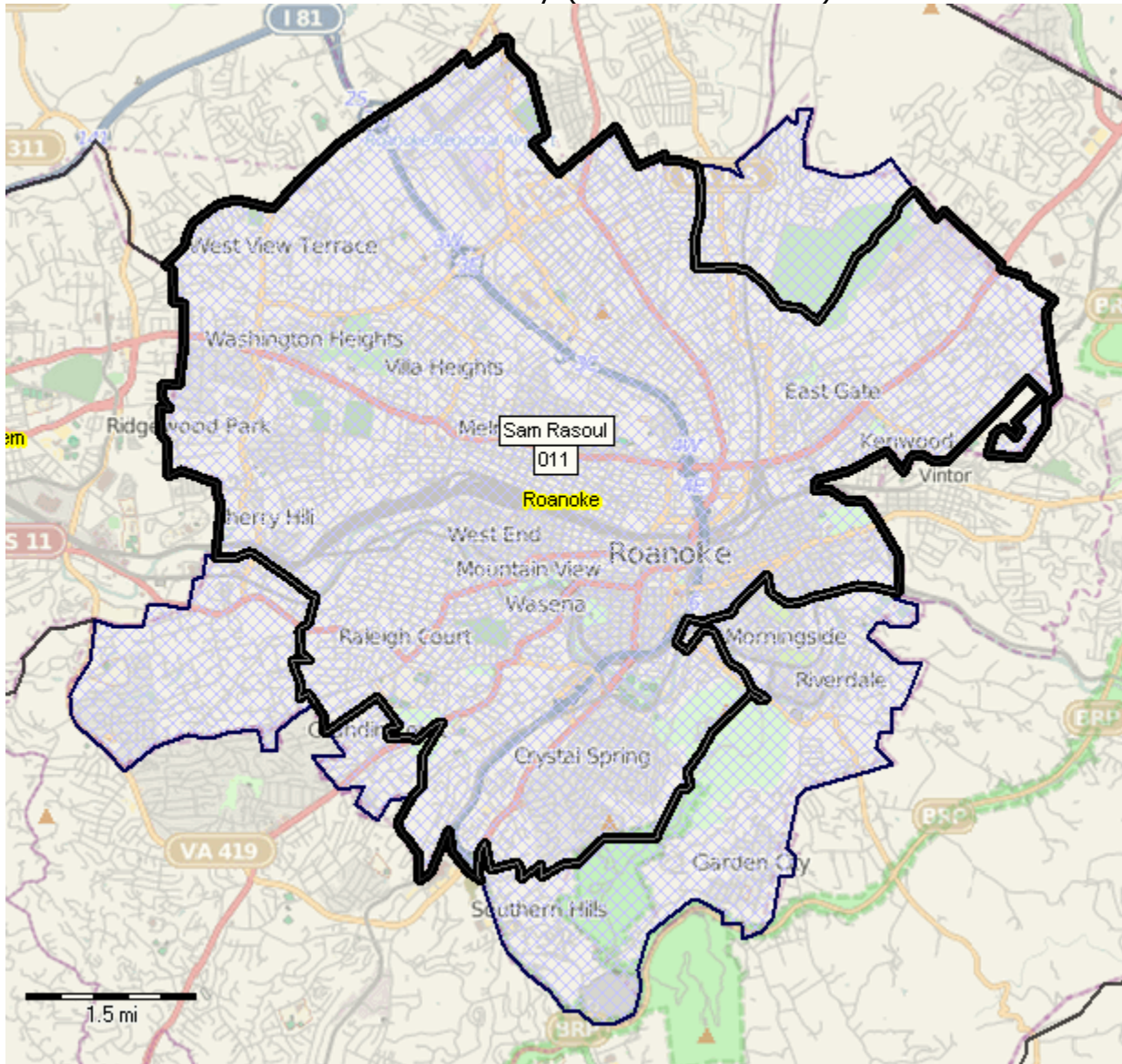


Virginia House State Legislative District 11 Geographic-Demographic-Economic Characteristics

Virginia House State Legislative District 11 (bold black boundary)
with Roanoke city (blue cross-hatch)



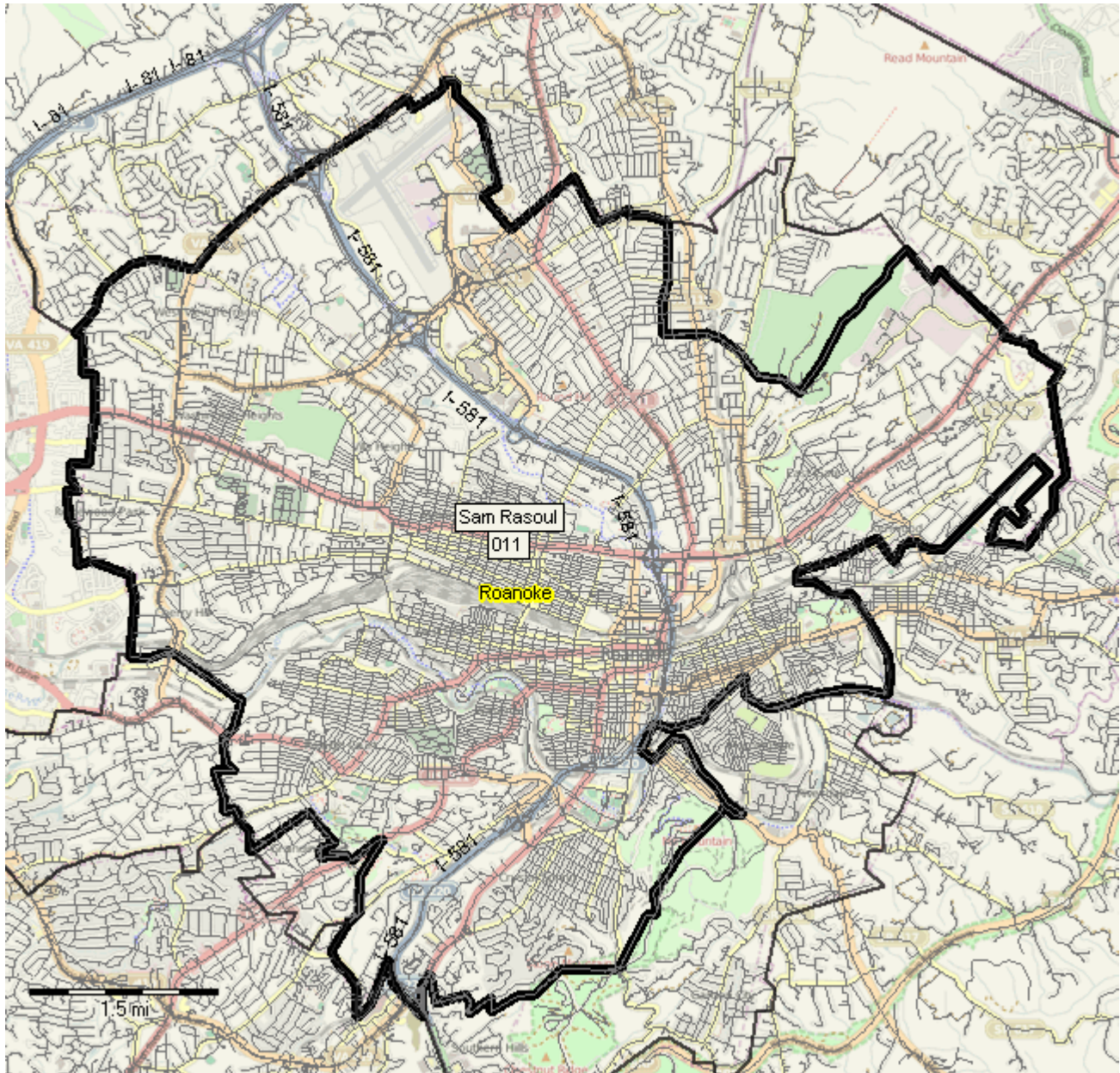
an illustrative guide to state legislative district analytics

prepared by
[Warren Glimpse](#)
12/6/17

[Join us ... Congressional District/State Legislative District Group
about the Voting Population](#)

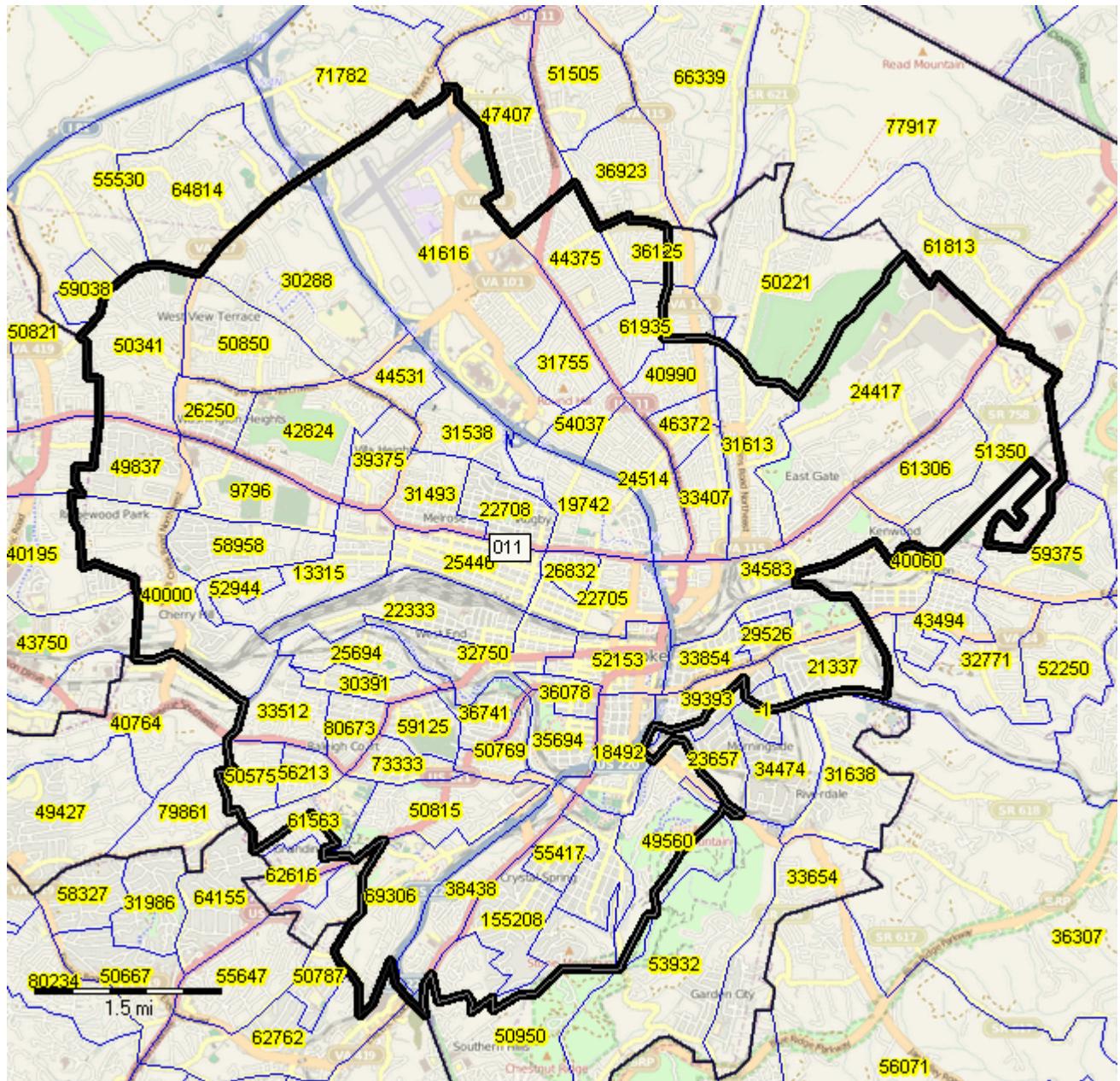
-- see usage notes on last page --

House District 11 with Detailed Roads
... [using digital map database roads](#)

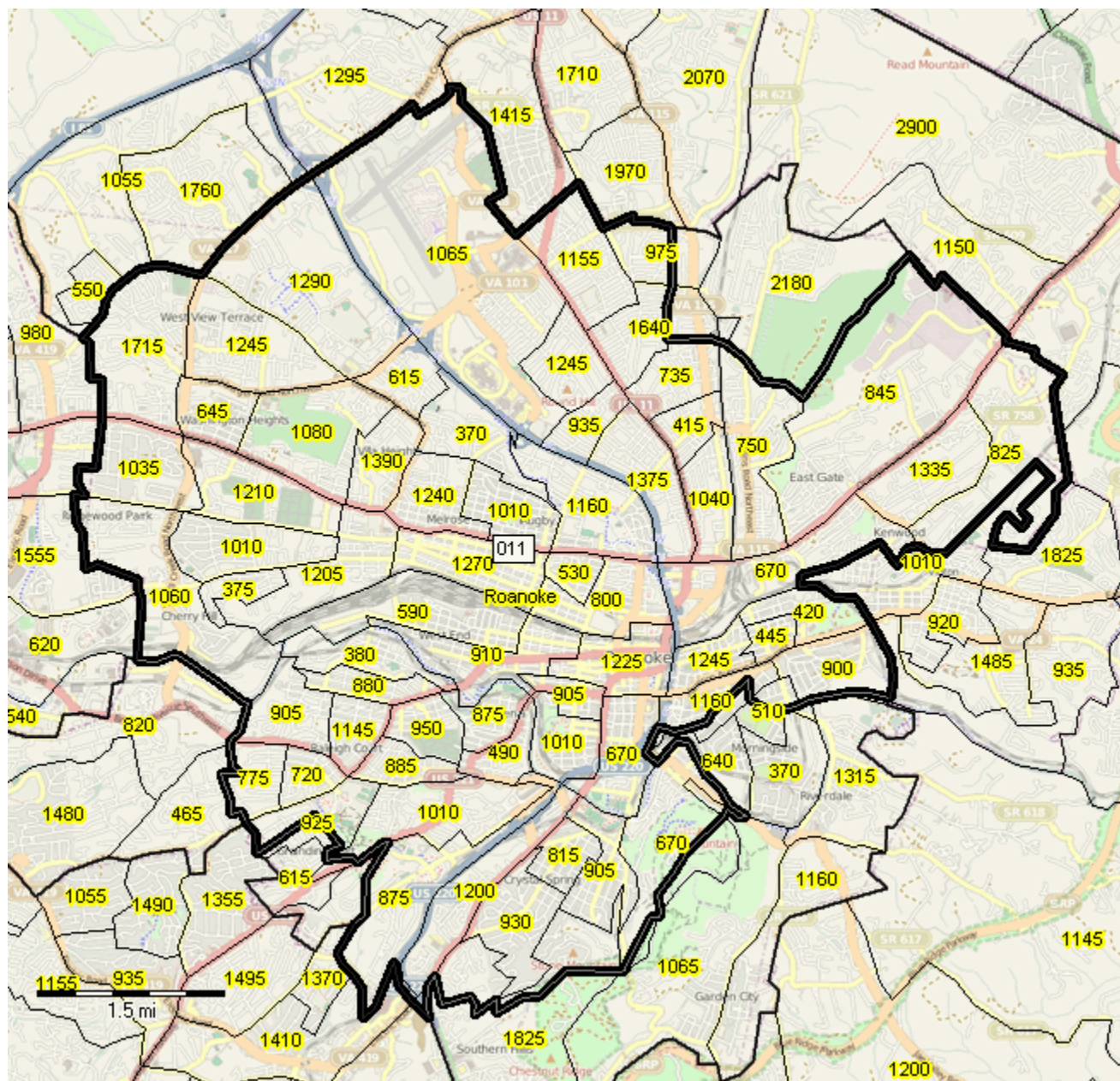


Median Household Income (Labels) by Block Group

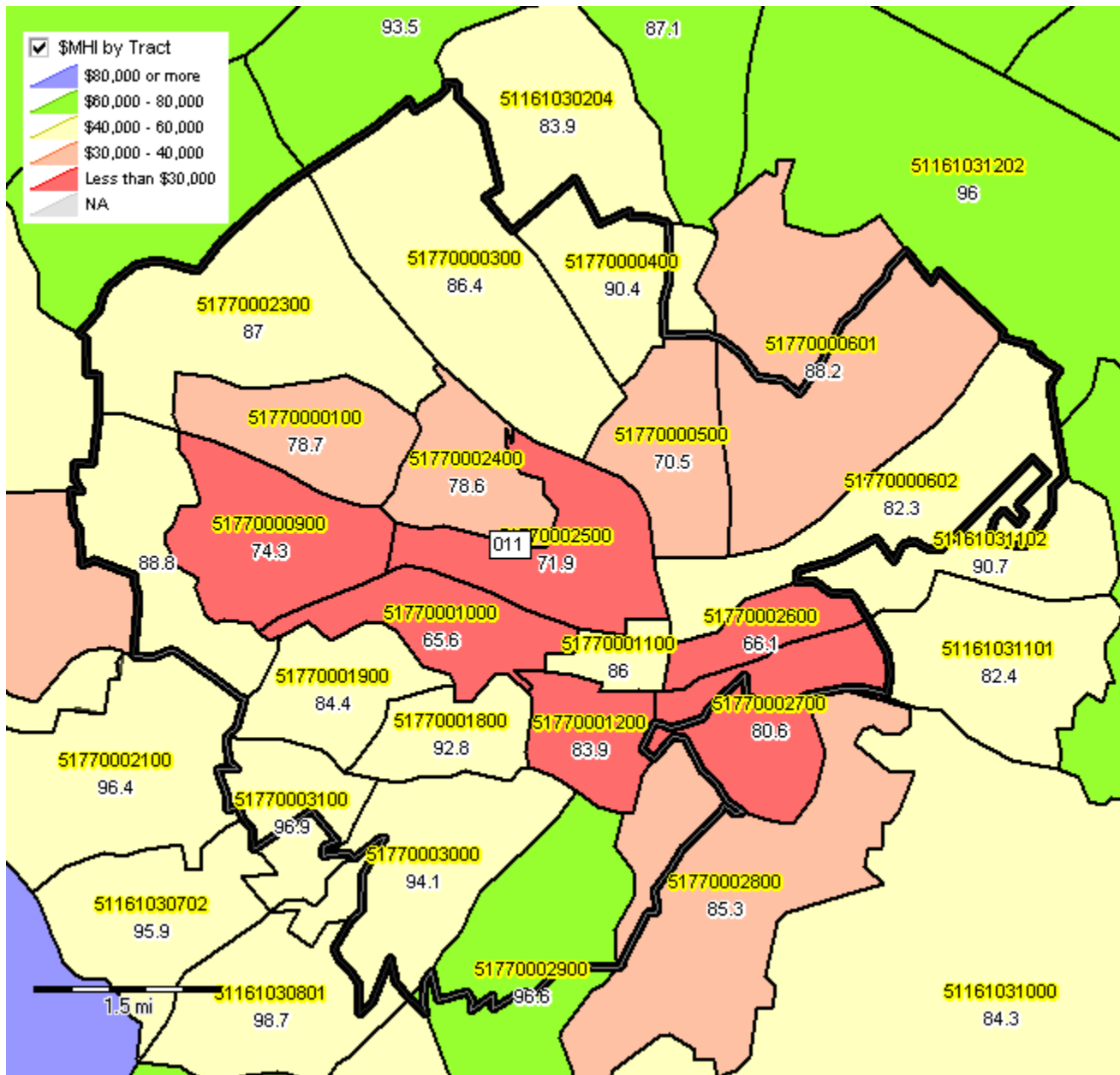
.. [about block groups](#)



Citizen Voting Age Population (CVAP -- Labels) by Block Group
.. about [Citizen Voting Age Population](#)



Patterns of Percent High School Graduate (lower label) by Census Tract (upper label) with Median Household Income -- see inset legend relating pattern color to interval .. [about Census Tracts](#)



About this Document

This document was prepared using the ProximityOne [CV XE GIS software](#) and related [Virginia GIS CD/SLD project](#) and datasets. Similar views can be developed for any area in the U.S. Access this document as a PDF at <http://proximityone.com/cdsld/vasldh11.pdf>.

Using this Document

This document presents illustrative maps focused on a state legislative district intended for orientation and visual data analytics about related geography and geodemographics.

Map 1 (page 1) shows the district boundary in context of related topography.

Map 2 shows a similar map with detailed roads/streets.

Map 3 shows median household income (as labels) by block group.

... block groups are important as they are the smallest geography for which demographic-economic data are annually updated.

Map 4 shows the total population (as labels) by block group.

... block groups are important as they are the smallest geography

Map 5 shows citizen voting age population (CVAP -- as labels) by block group.

... compare the CVAP population in this map to the total population in Map 4

... using GIS tools, patterns of the ratio CVAP/total population could be viewed/analyzed

... adding registered voters as markers or aggregates by BG can enhance the analytical power.

Map 6 shows patterns of economic prosperity and educational attainment by neighborhood.

... "know" the residents; "know" what might be primary concerns and needs.

... HS educational attainment (labels) by census tract.

... thematic pattern view of median household income by census tract.

... tracts cover the U.S. wall to wall and average 4,000 population

Use dynamic GIS applications to drill-down to sub-areas and apply queries

Related links:

- About [State Legislative Districts](#)

About Warren Glimpse

Warren Glimpse is an econometrician and former Census Bureau official. Glimpse developed the Columbia, MO GBF/DIME file in the 1970s which was used as the prototype for the Census Bureau [TIGER/Line](#) program. While with the Census Bureau he was responsible for Census Bureau data access and user services programs. Glimpse established the Census Bureau State Data Center Program based in part on his own experiences in Missouri. Glimpse also served as associate director of the U.S. Office of Federal Statistical Policy and Standards focusing on integrated data access and use.

Operating since the 1980s, Glimpse is founder and principal of ProximityOne, a business, based in Alexandria, Virginia. ProximityOne develops, deploys, and uses decision-making information resources to help clients better formulate, manage, and assess strategy and operations. They implement decision-making information solutions to achieve order-of-magnitude performance improvements, set new performance standards and reshape opportunities. They also operate specialized programs focused on developing, accessing, and using geodemographics.

See more about ProximityOne -- <http://proximityone.com>

... and Warren Glimpse -- <http://proximityone.com/aboutwg.htm>