



• Click to edit Master text styles

– Second level text

Third level text

Fourth level text

Regional Growth & Development Patterns

2020 Base Case Scenario Update

Cumberland Region Tomorrow
2020 Base Case Scenario
Projection of Current Trends to the Year 2020

LEGEND

Urban Growth	Water
Suburban Growth	Wetlands
Rural Growth	Wetlands
High Density Urban	Wetlands
Low Density Urban	Wetlands
Wetlands	Wetlands

Nashville Area Metropolitan Planning Organization
Mayor Ernest Burgess, Chair
Mayor Karl F. Dean, Vice-Chair
Michael Skipper, Executive Director

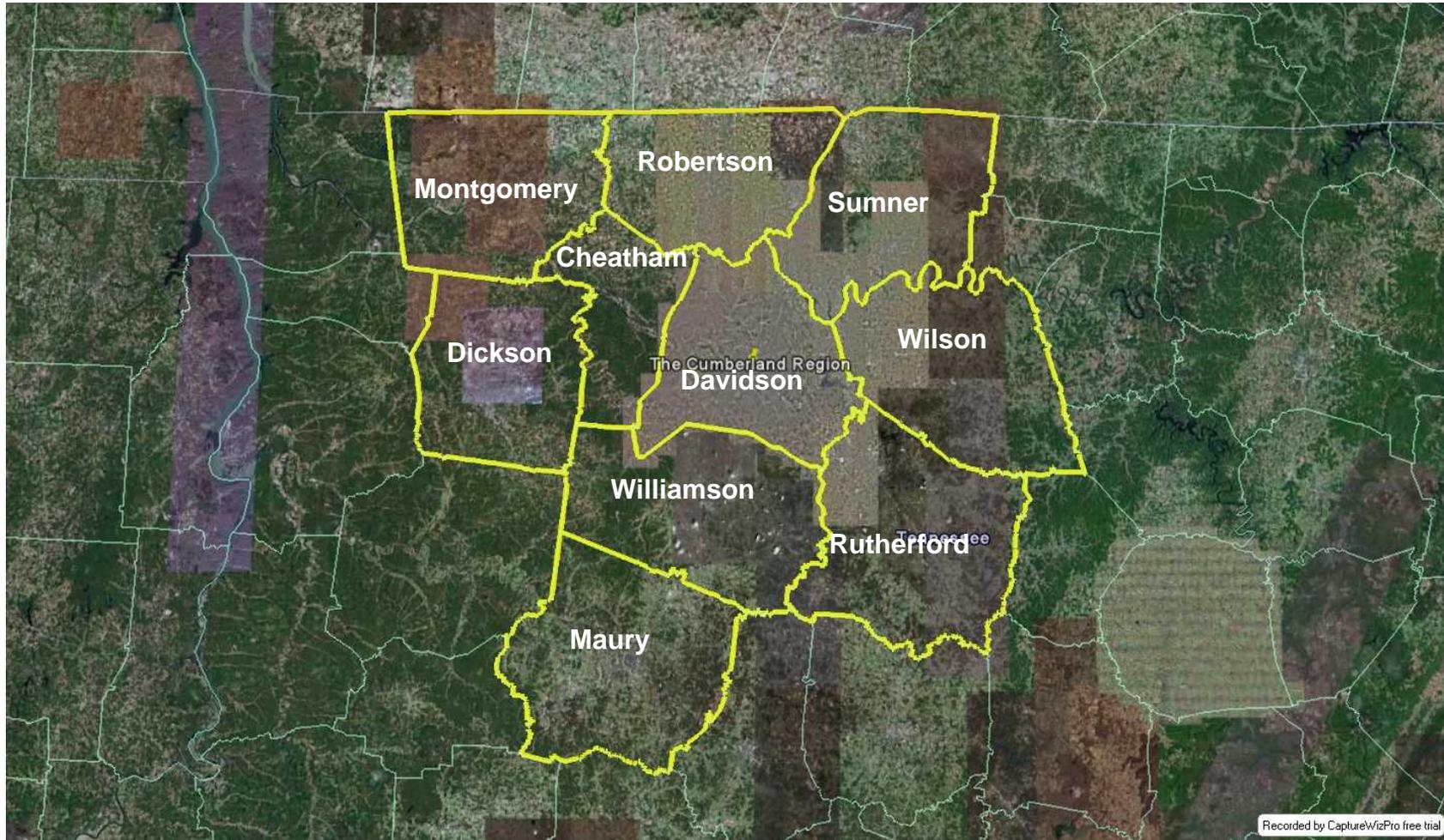
May 27, 2009
Tennessee Performing Arts Center
War Memorial Auditorium
Nashville, TN

SO HERE WE ARE AGAIN

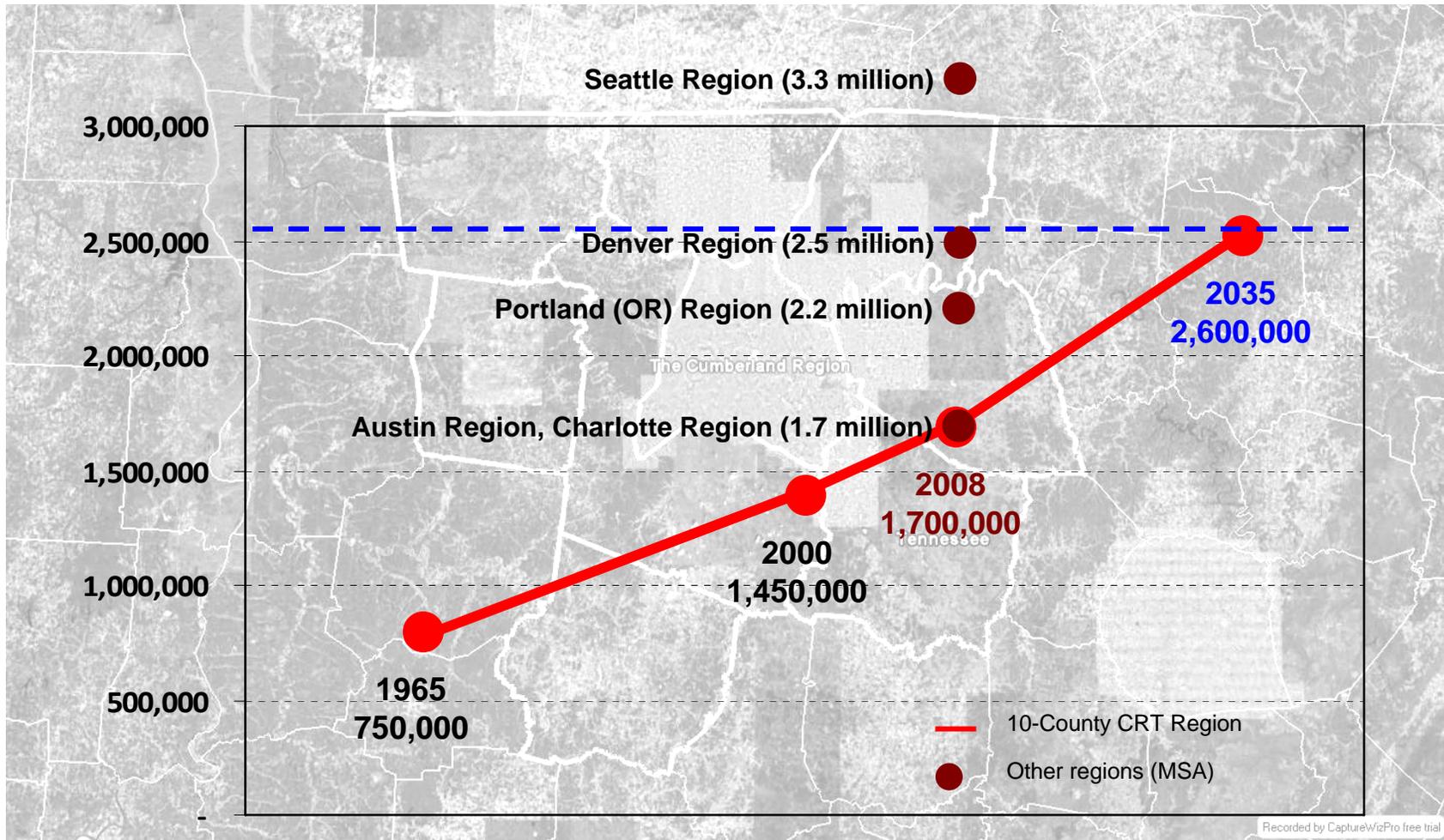


Recorded by CaptureWizPro free trial

REGIONAL GEOGRAPHY

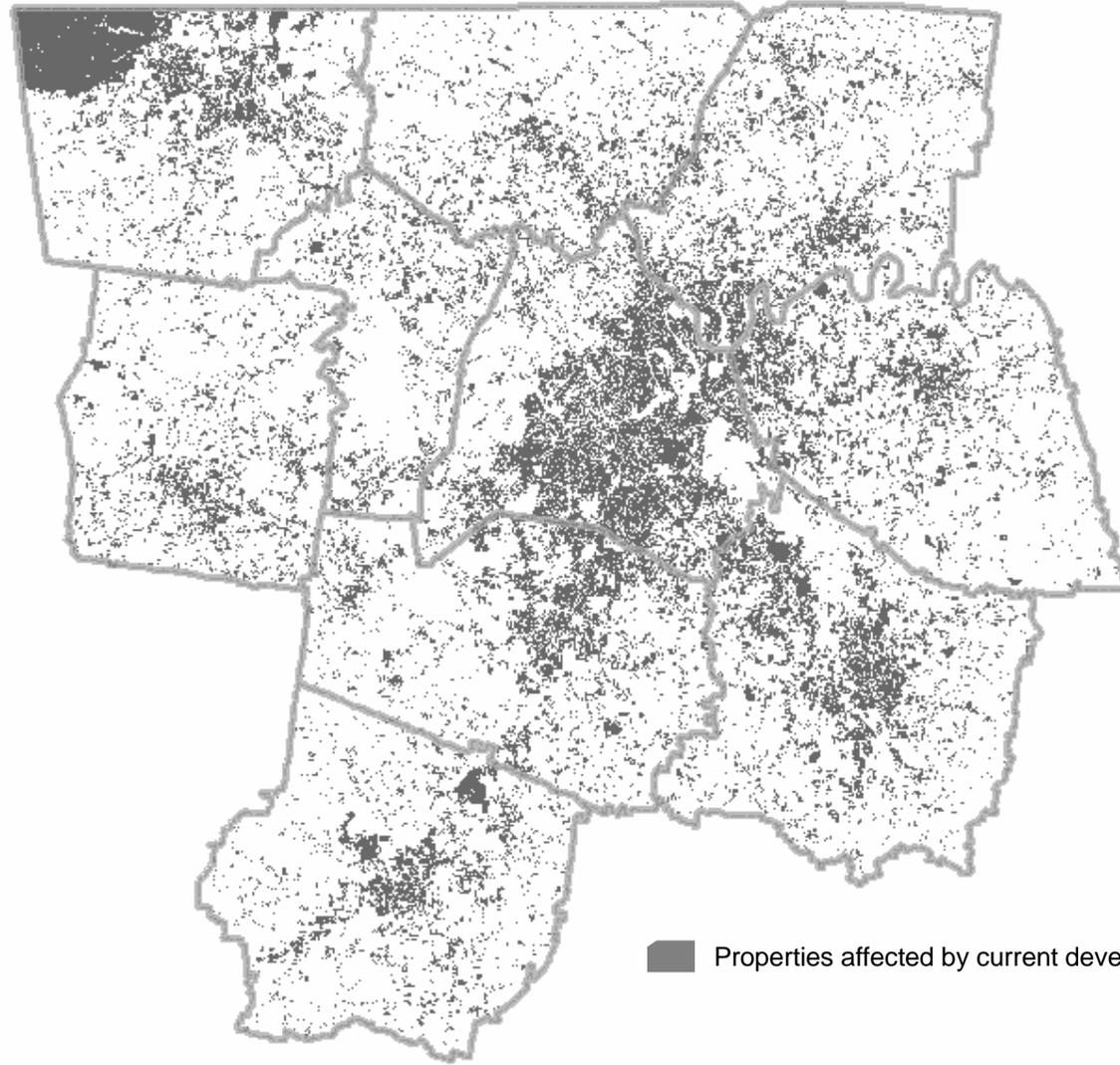


REGIONAL POPULATION GROWTH

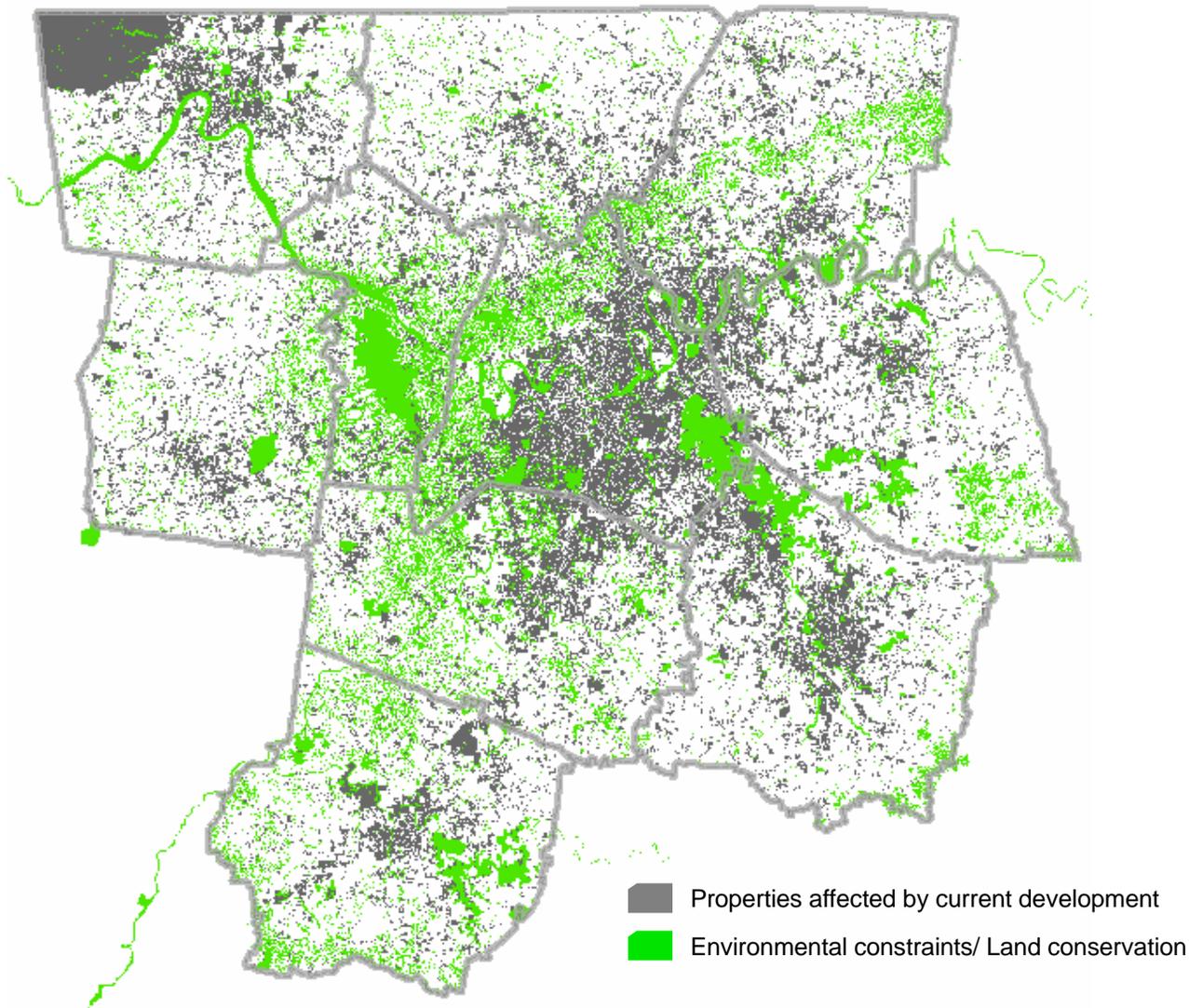


Source: U.S. Census Bureau, Woods & Poole Economics

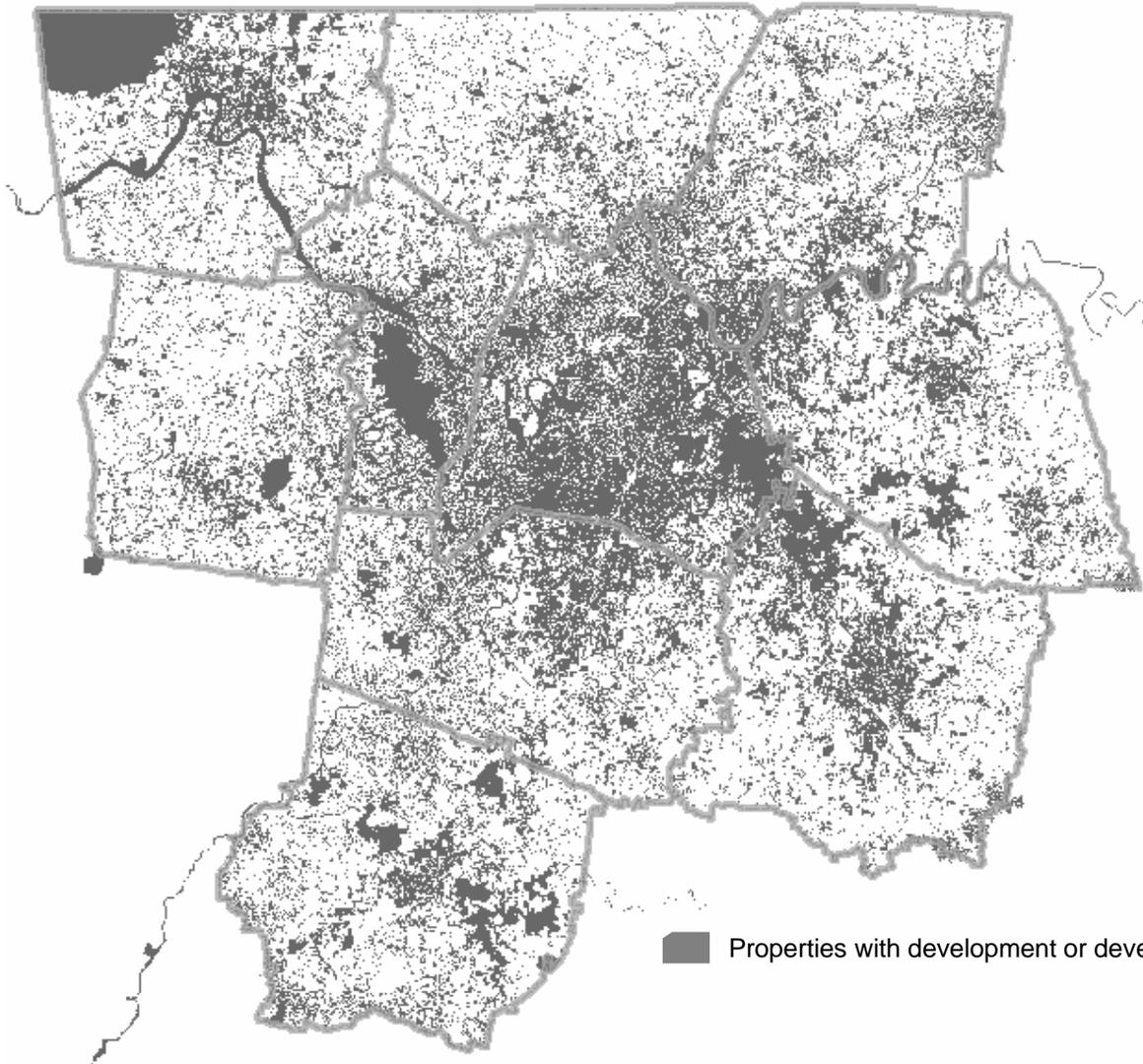
EXISTING DEVELOPMENT



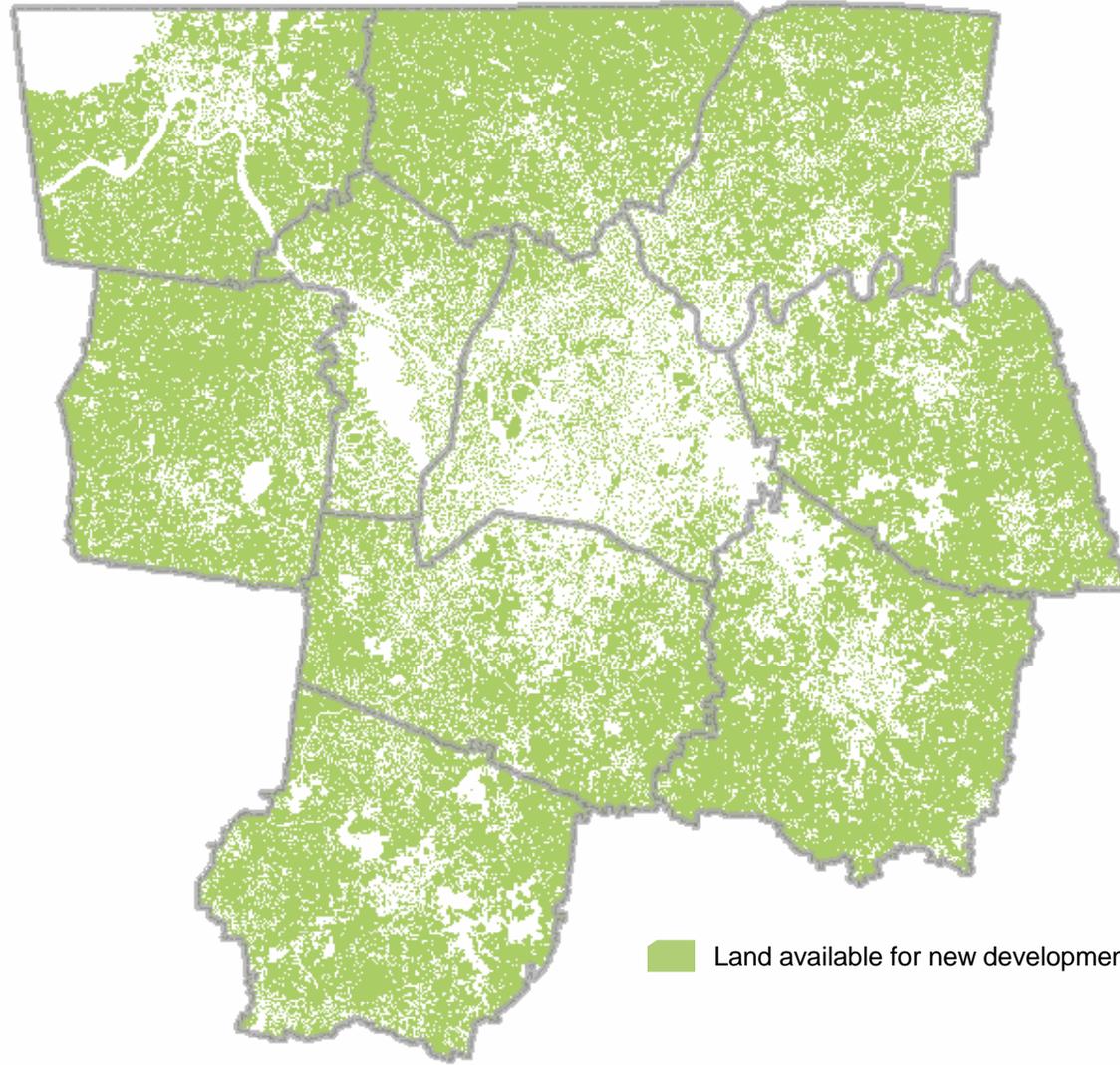
ENVIRONMENTAL CONSTRAINTS



AVAILABLE GREENFIELD



AVAILABLE GREENFIELD

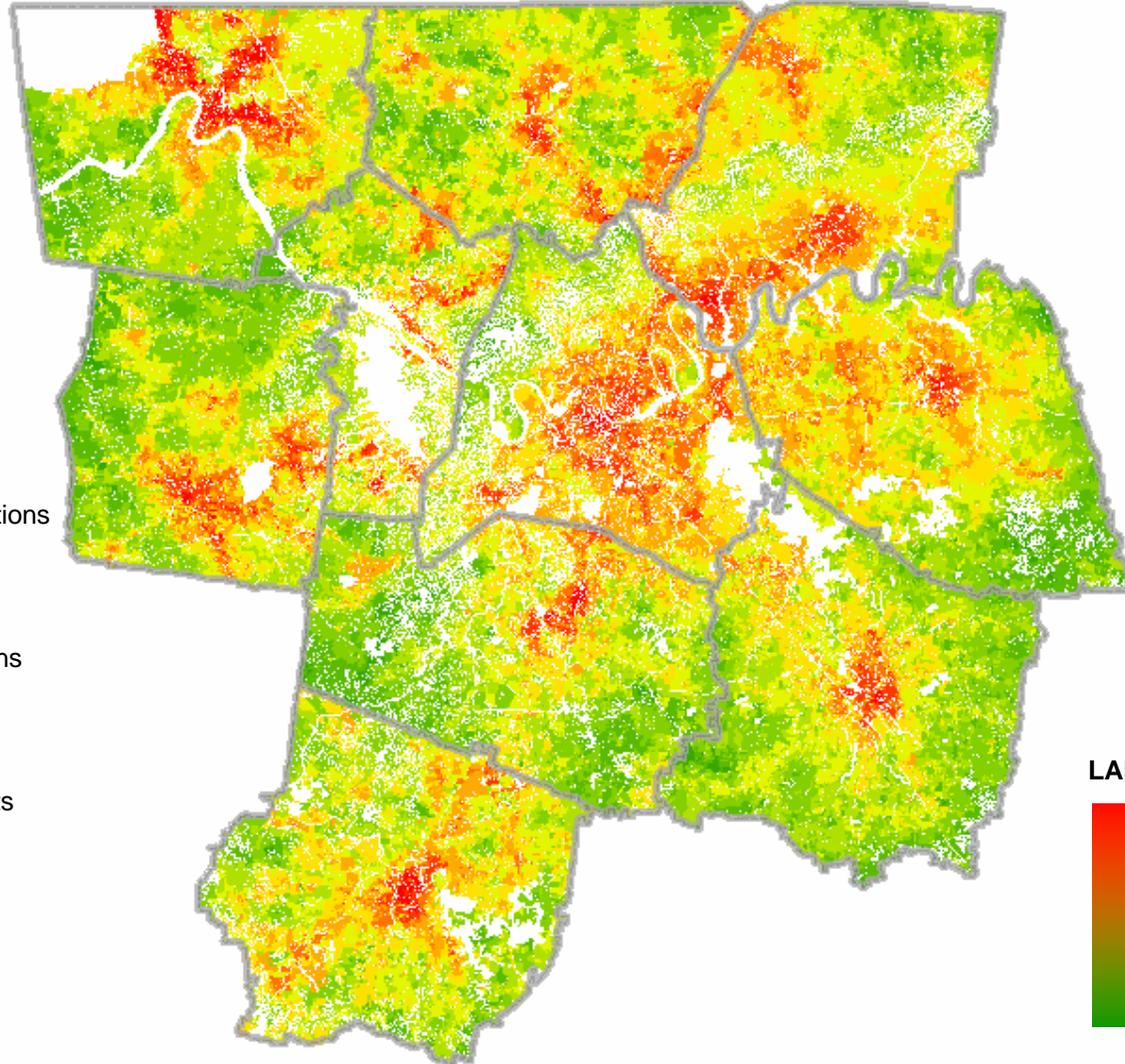


LAND SUITABILITY

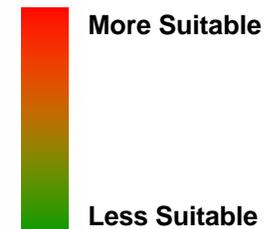


Defining Suitability:

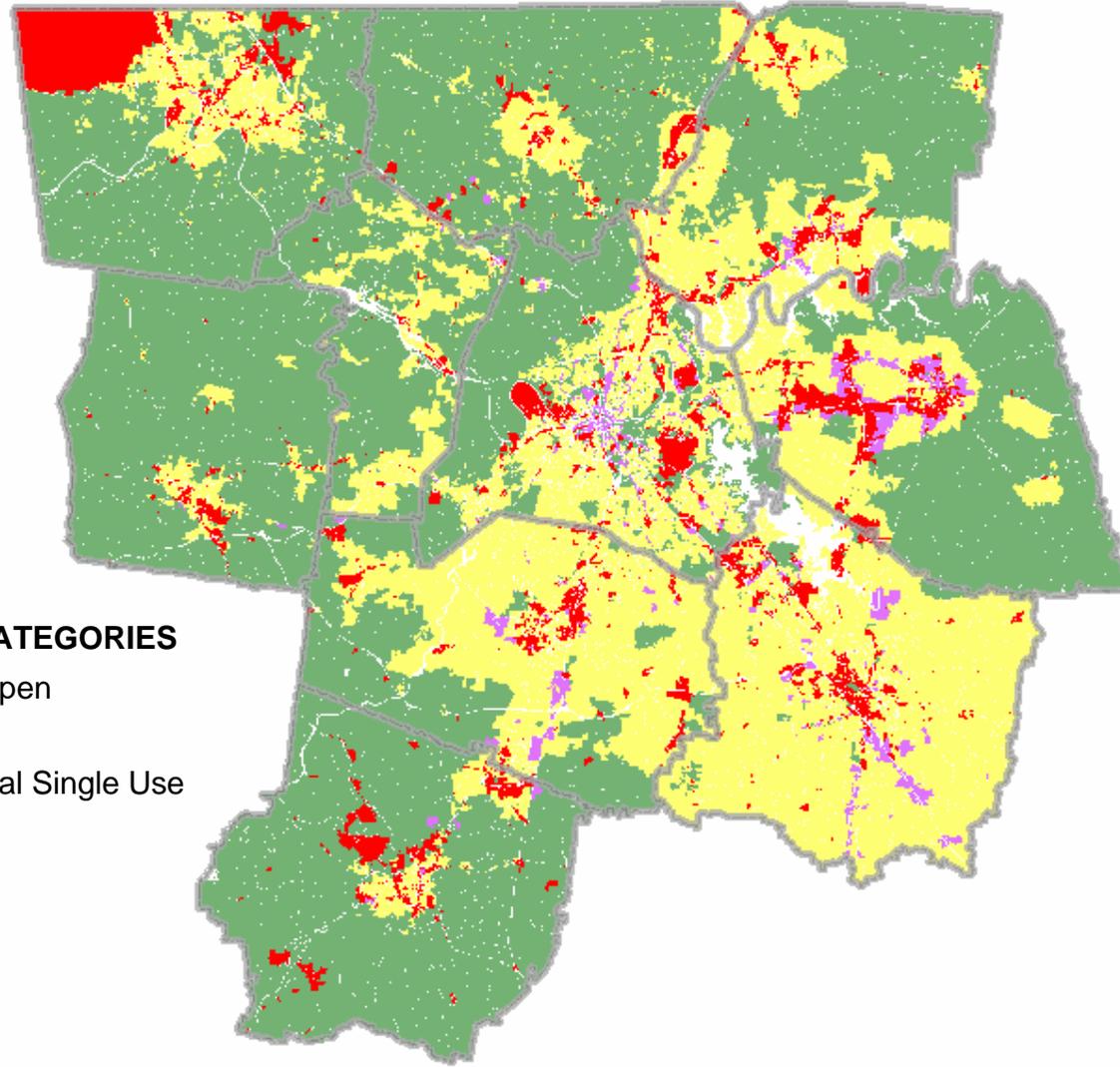
- Land Values
- Water/ Sewer
- Schools
- Major Roads/ Intersections
- Retail Opportunities
- Traffic Congestion
- Transit Service/ Stations
- Hospitals
- Parks & Recreation
- Environmental Conflicts



LAND SUITABILITY



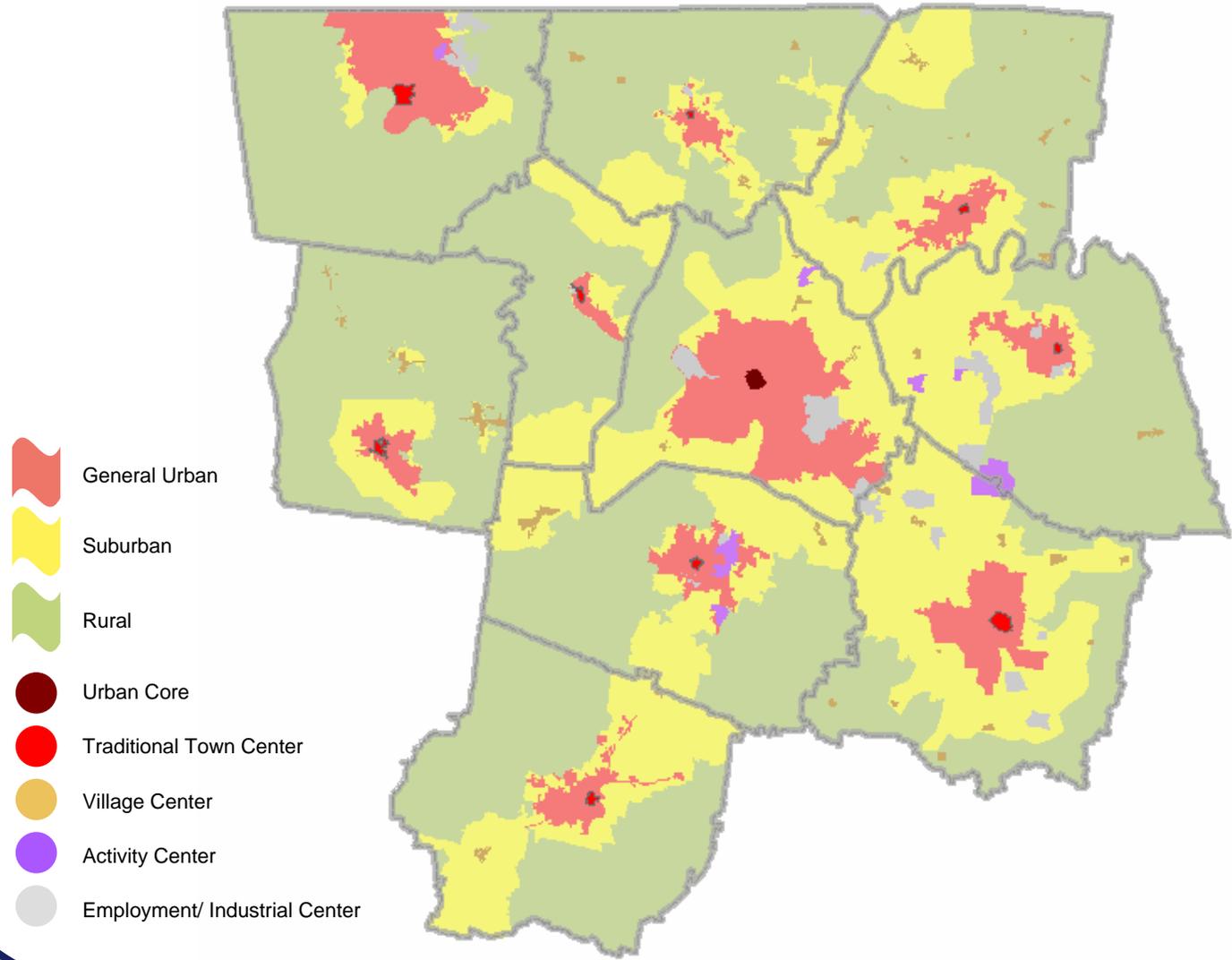
LAND USE POLICY



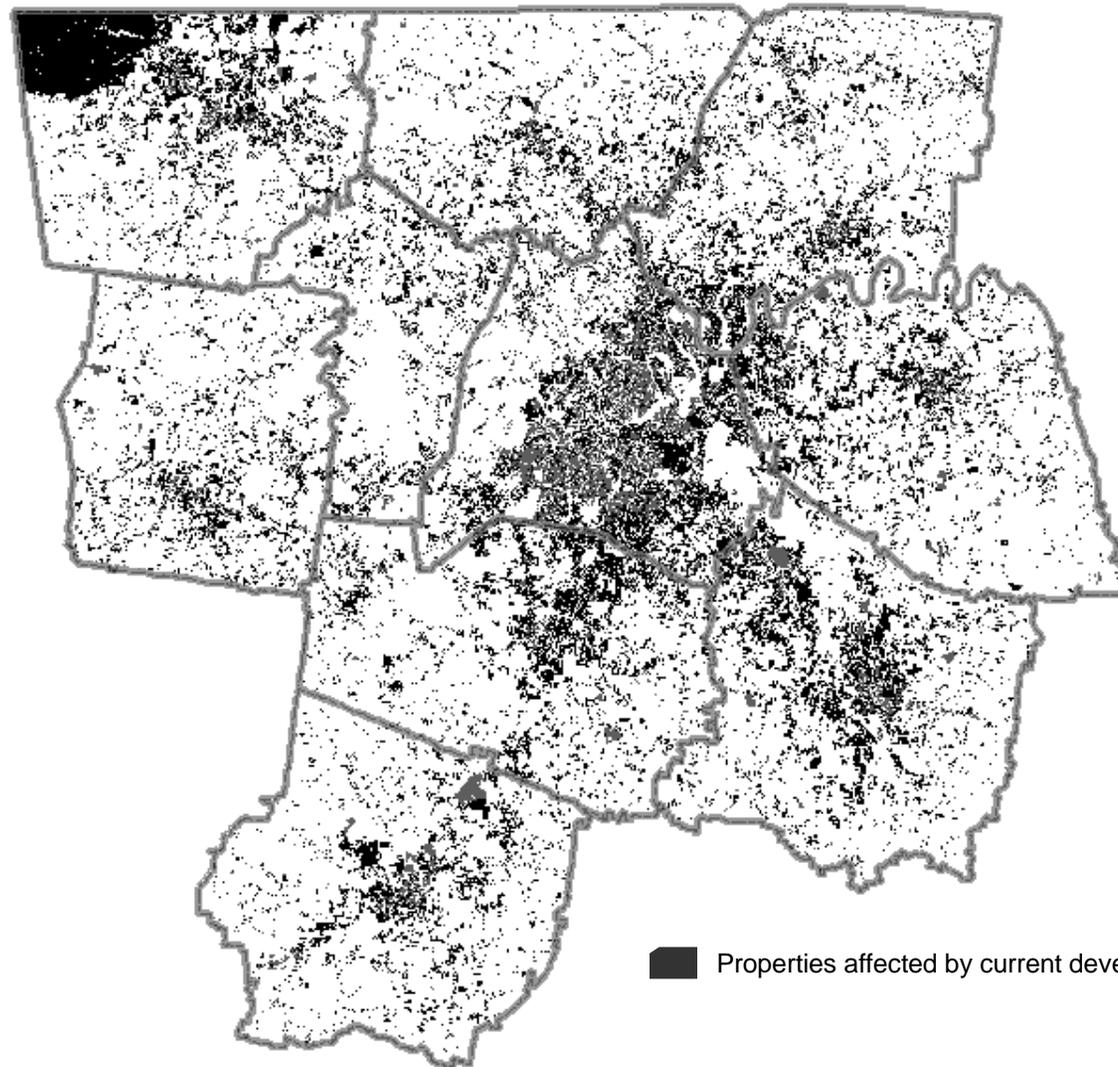
GENERALIZED CATEGORIES

-  Agricultural, Open
-  Residential
-  Non-Residential Single Use
-  Mixed-Use

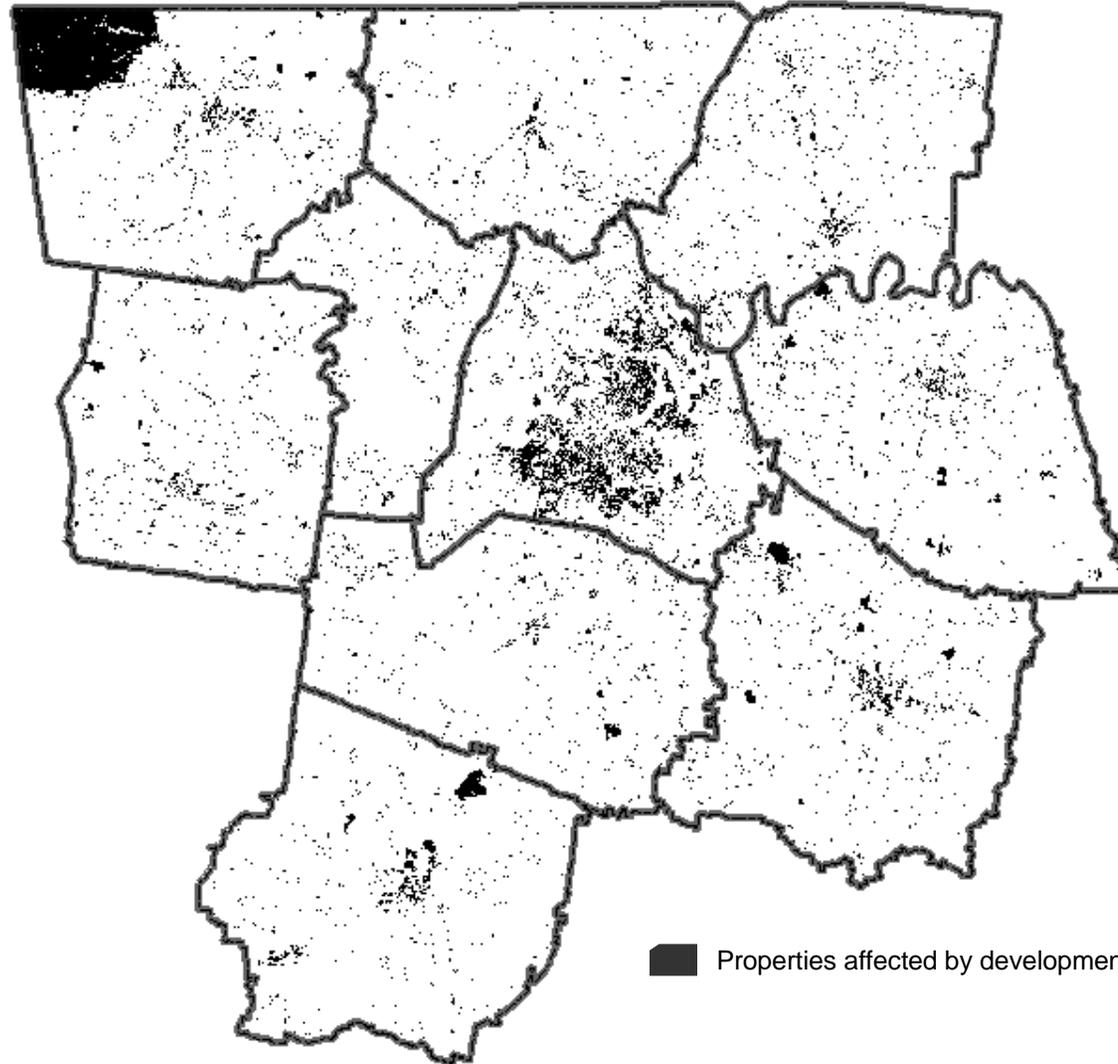
GROWTH POLICY



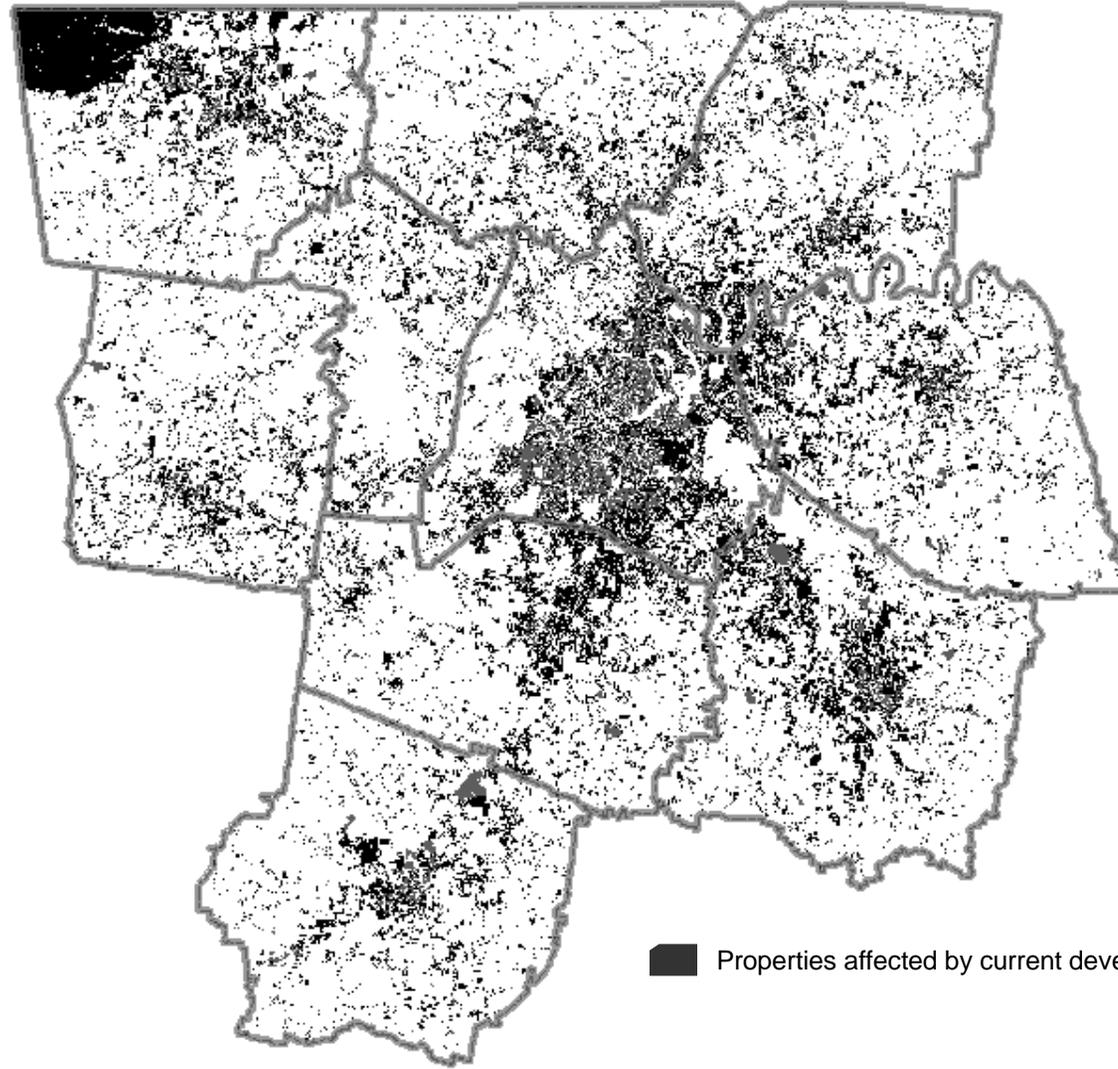
TODAY'S DEVELOPMENT PATTERN



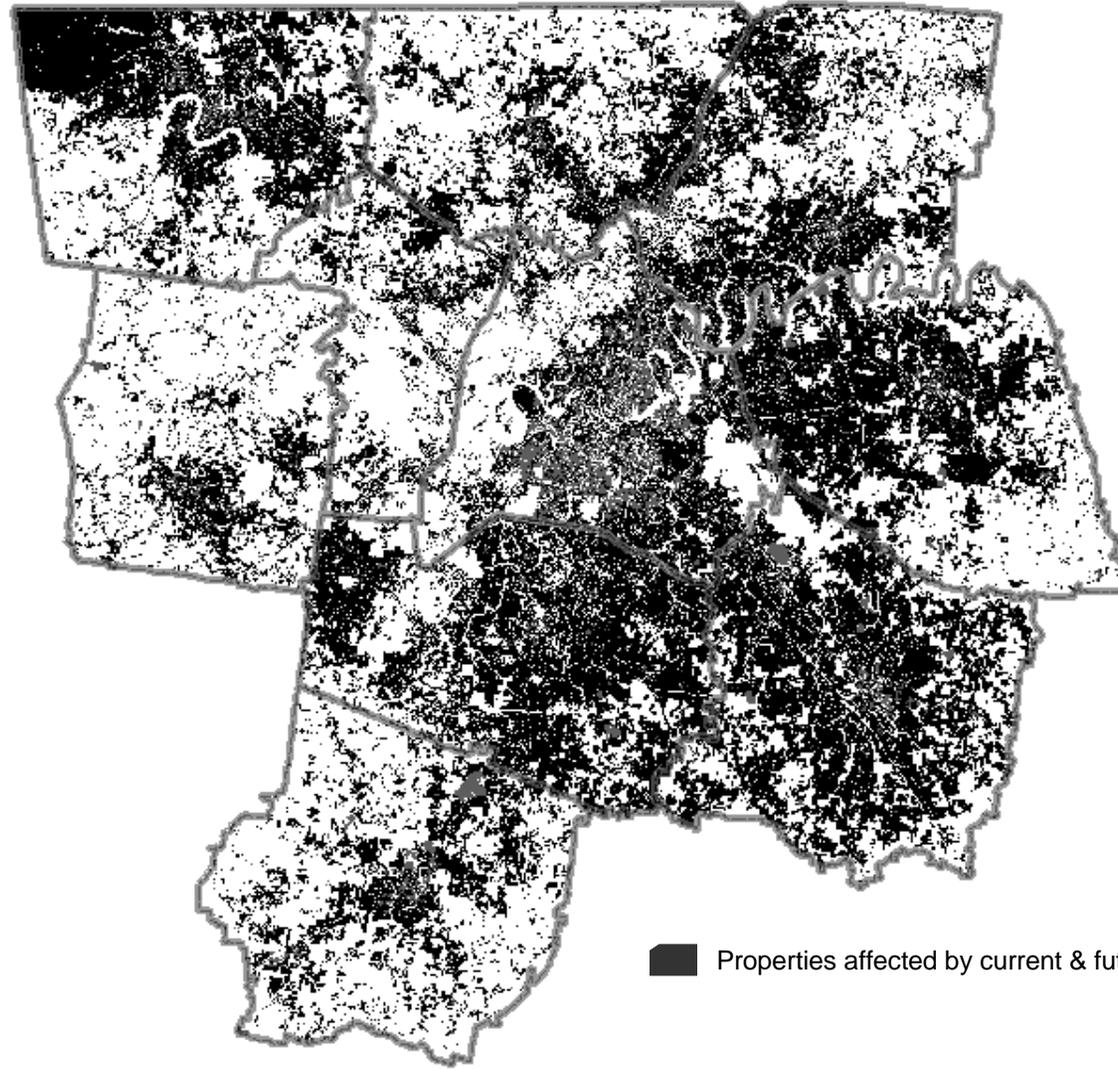
1965 DEVELOPMENT PATTERN



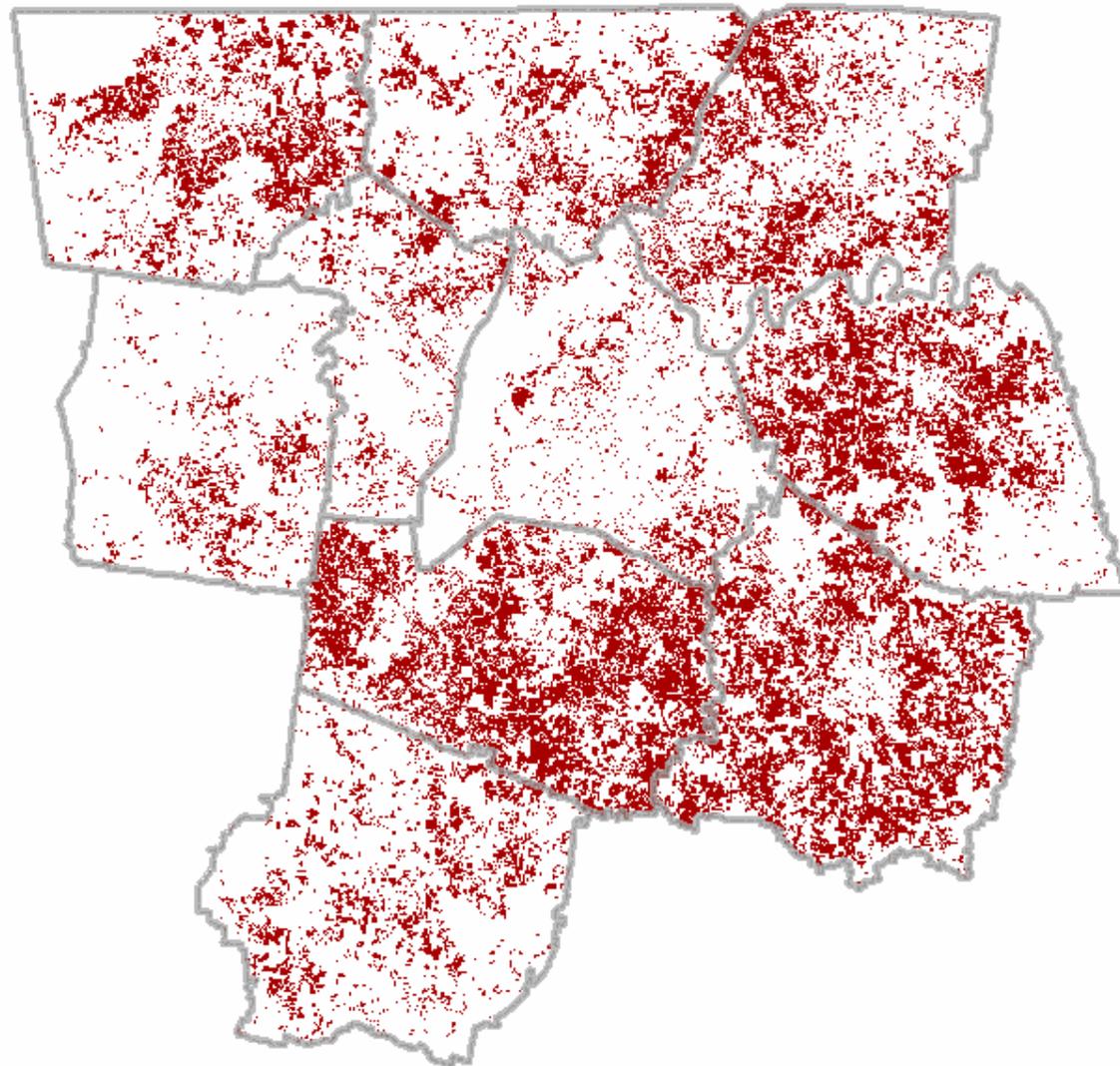
TODAY'S DEVELOPMENT PATTERN



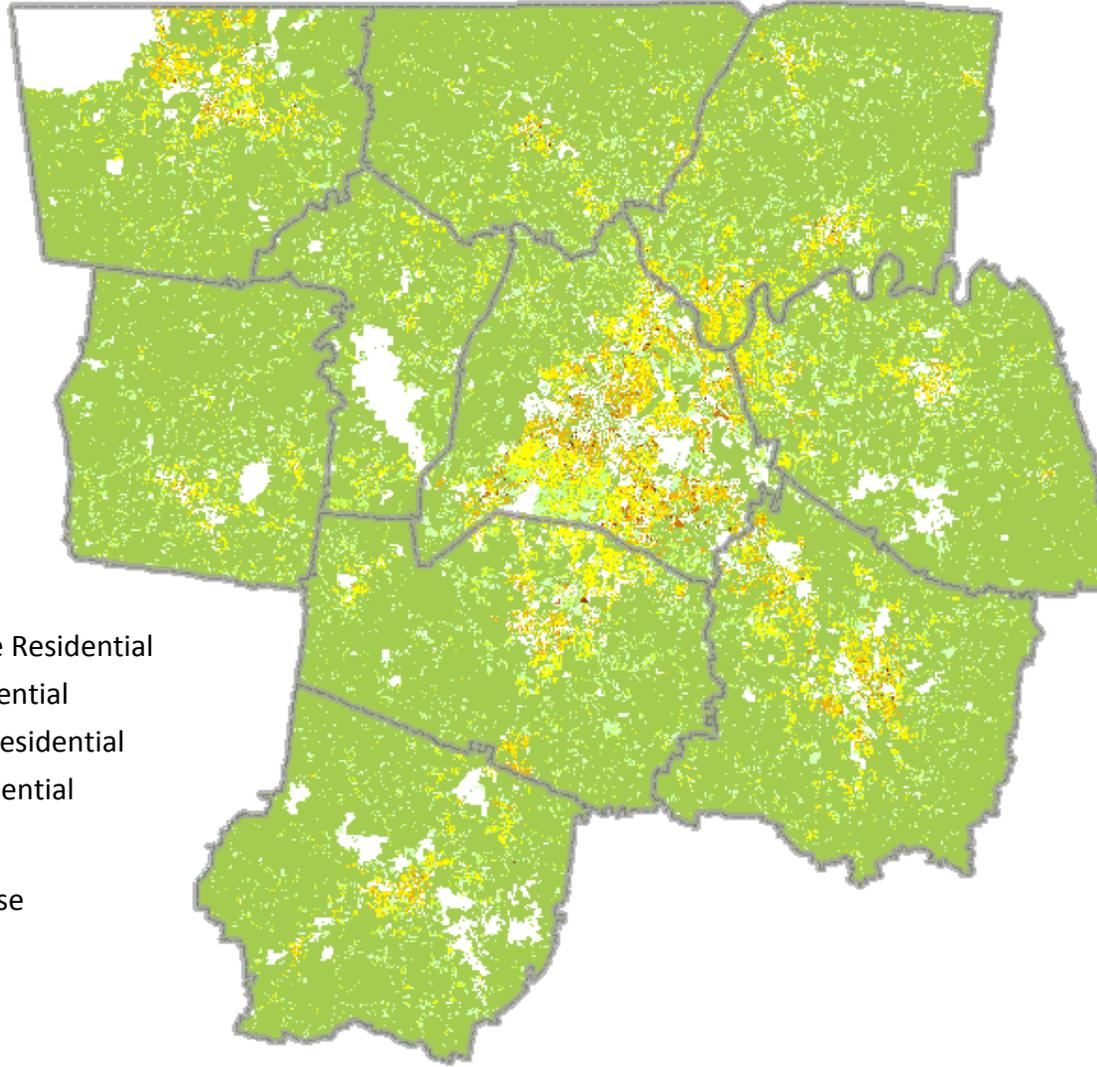
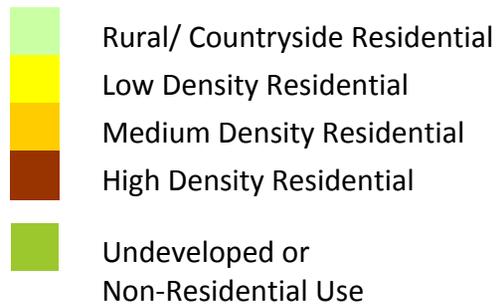
2035 DEVELOPMENT PATTERN?



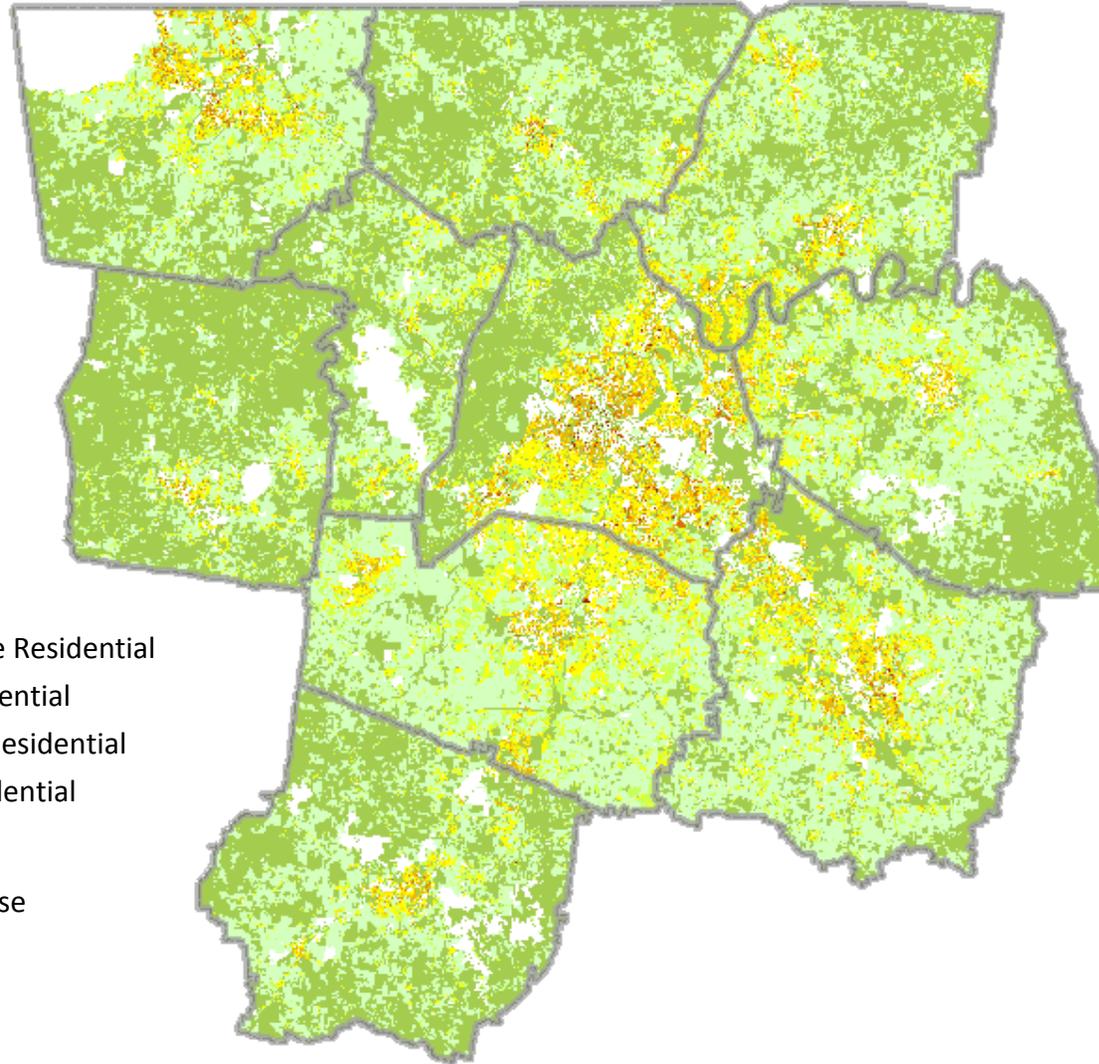
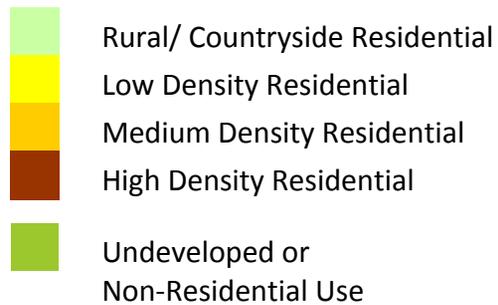
NEW GROWTH AREAS?



RESIDENTIAL DENSITY TODAY



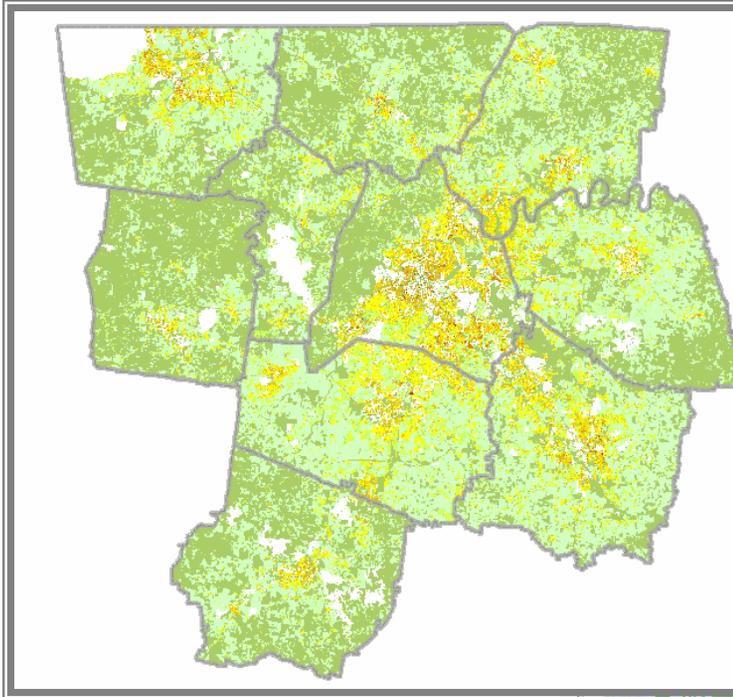
RESIDENTIAL DENSITY 2035



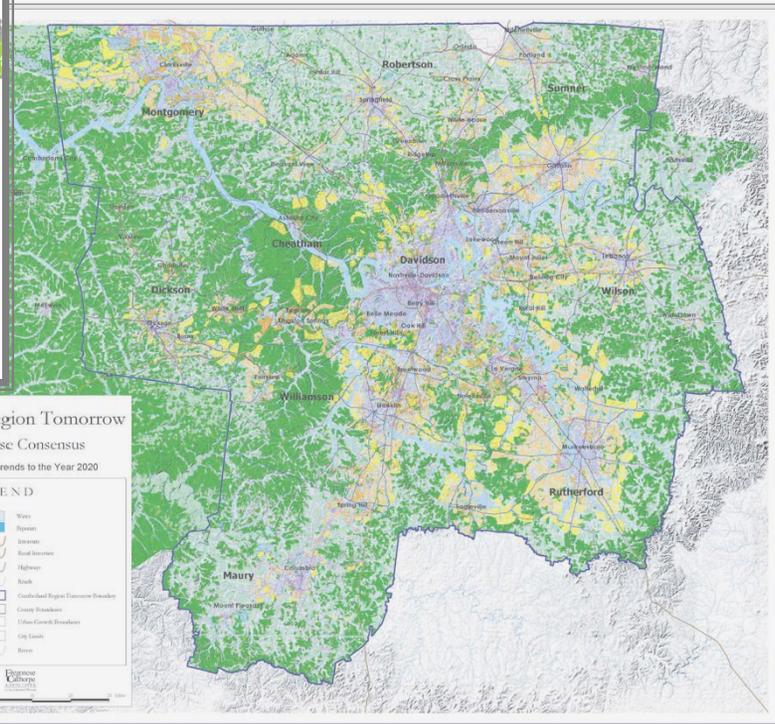
BASE CASE TREND CONTINUES



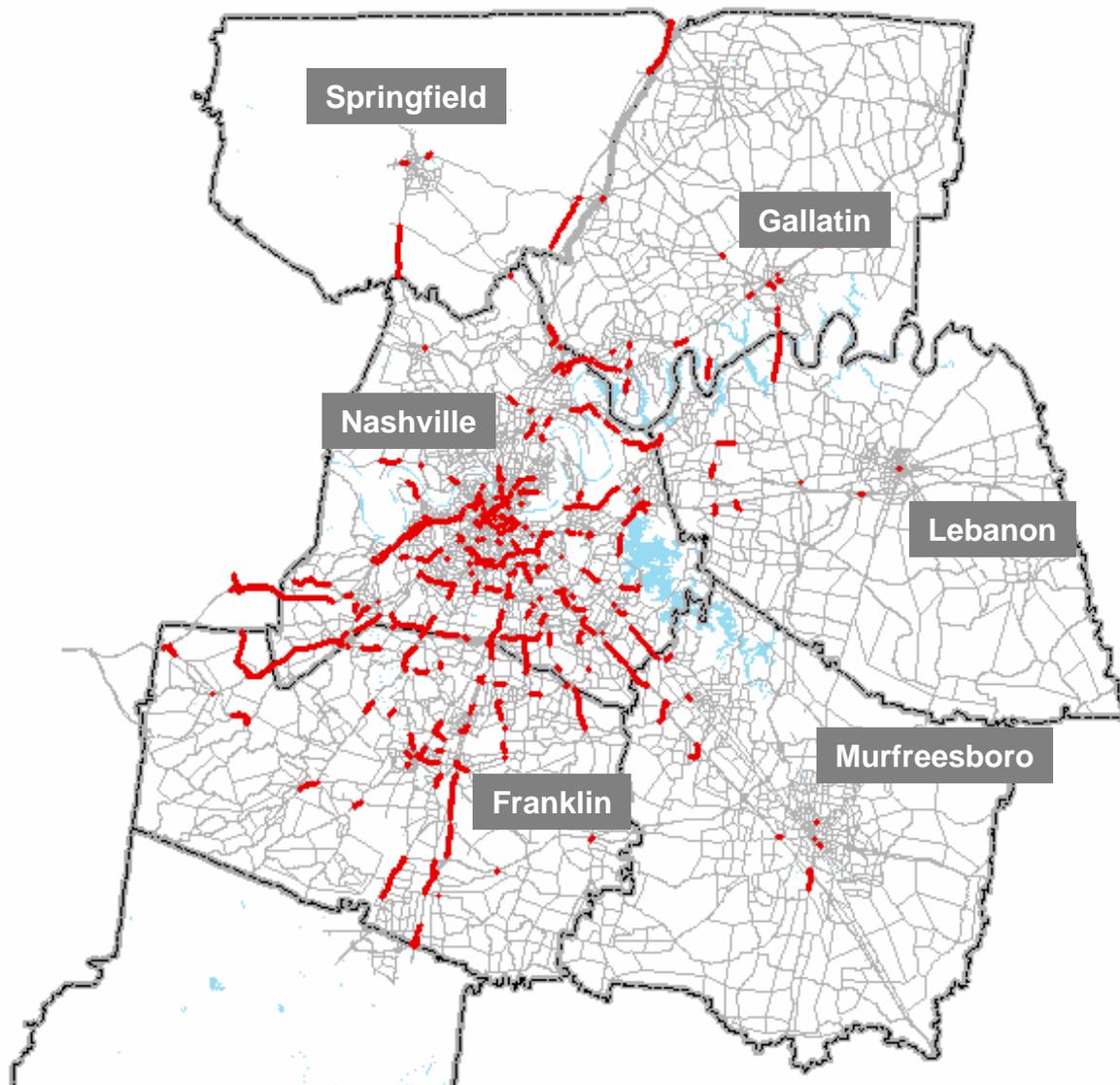
NEW 2035 BUSINESS-AS-USUAL SCENARIO



2020 CRT BASE CASE SCENARIO



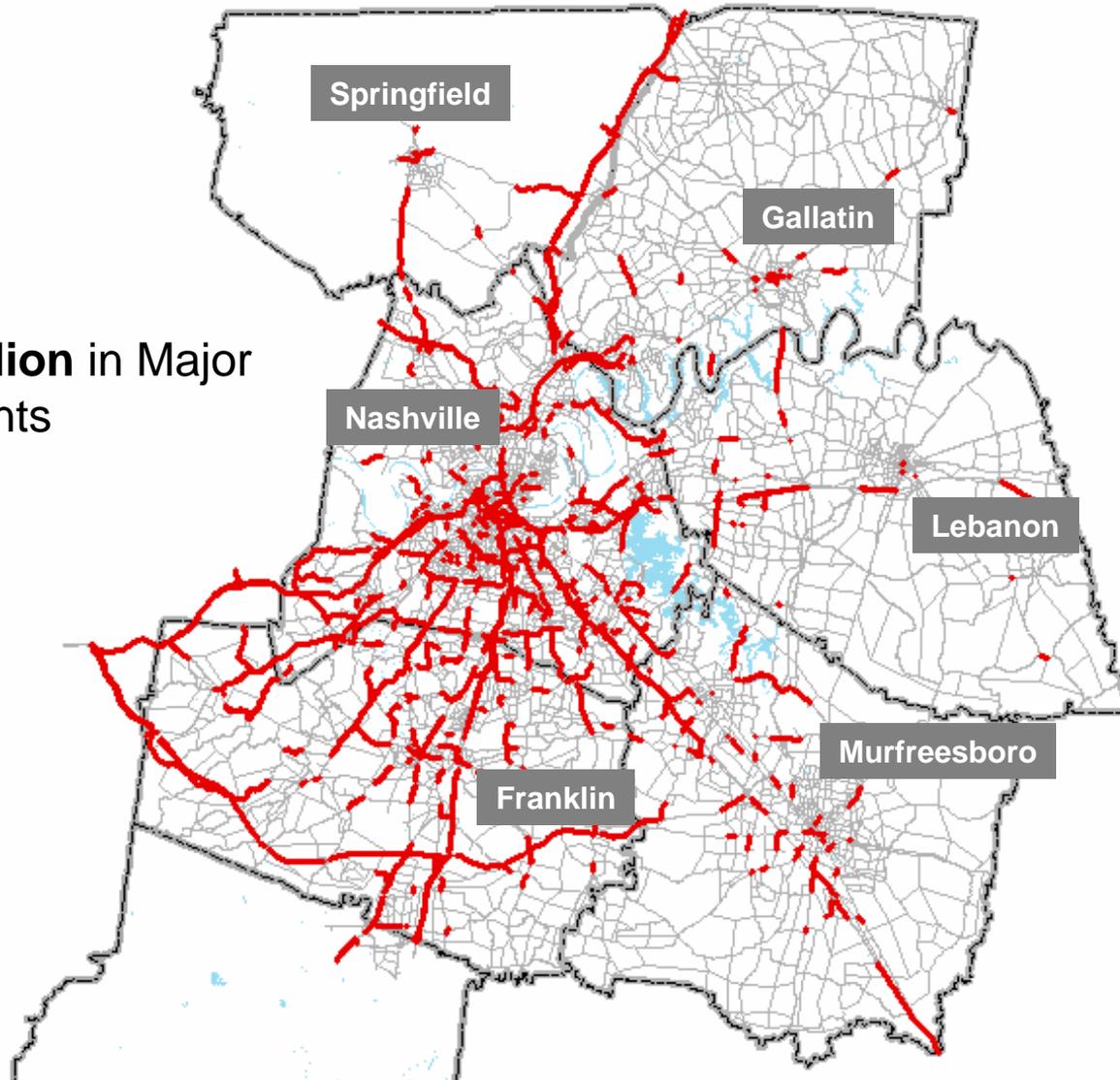
TODAY'S TRAFFIC CONGESTION



2030 TRAFFIC CONGESTION



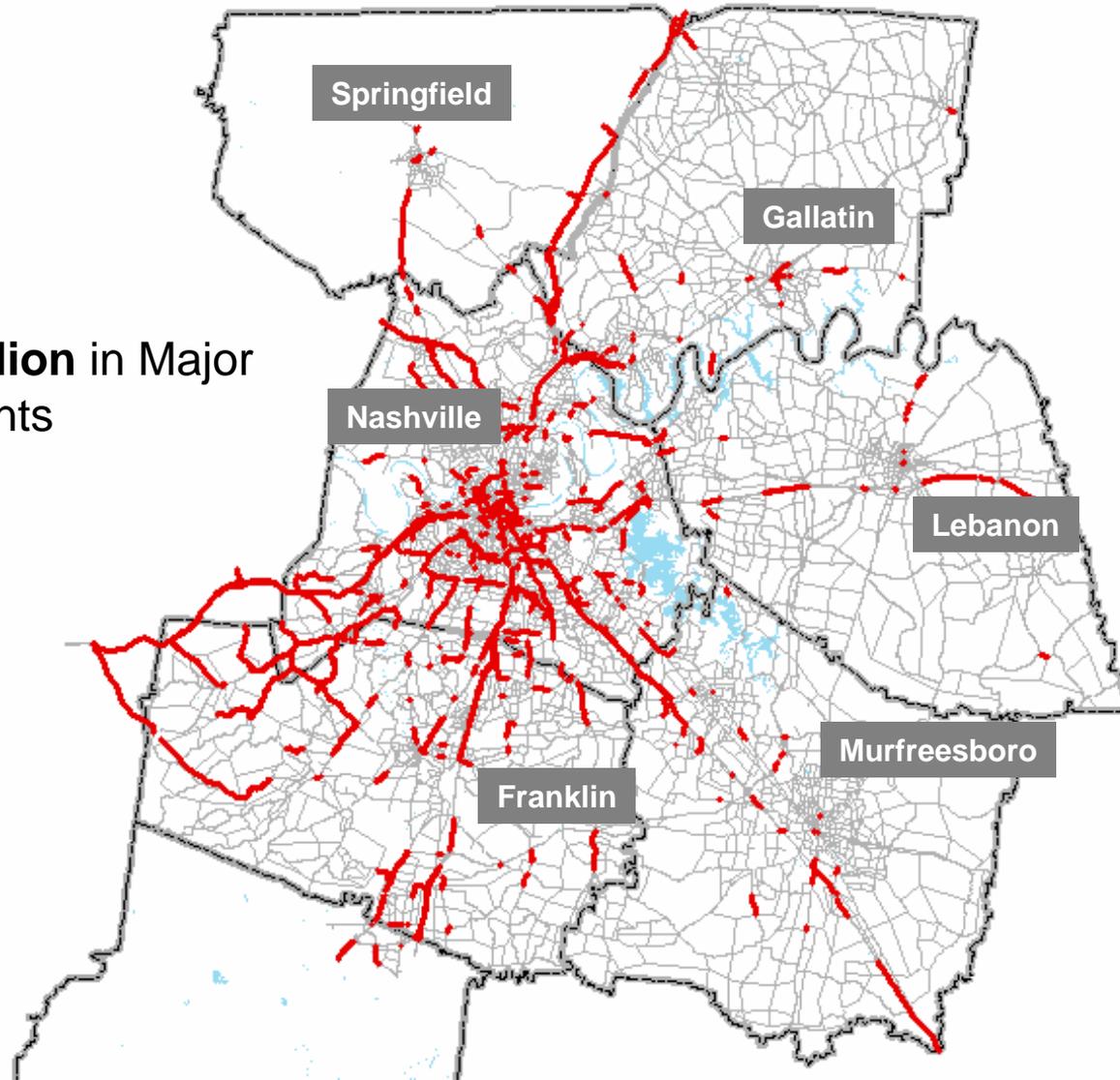
After **\$1 Billion** in Major Improvements



2030 TRAFFIC CONGESTION



After **\$4 Billion** in Major Improvements



EMERGING REGIONAL ISSUES



- ▶ Unmanageable congestion
- ▶ Longer travel times & trip lengths
- ▶ Increasing energy consumption / costs
- ▶ Declining air & water quality
- ▶ Aging population/ Dispersed families
- ▶ Increasing health problems / costs
- ▶ Increasing traffic safety problems / costs
- ▶ Increasing maintenance/ construction costs
- ▶ Lost habitat / natural areas

OPPORTUNITIES FOR REGIONALISM



- ▶ Improved integration among transportation, land use, urban design, rural preservation, and economic development policies.
- ▶ Increased coordination among local comprehensive plans.
- ▶ More and better transportation options represented in the regional plan.
- ▶ More reliable approach to funding transit options.

PUBLIC TRANSPORTATION ACROSS U.S.



Heavy Rail Transit



-  existing
-  proposed

Source: American Public Transportation Association
Mapping: Nashville Area MPO

PUBLIC TRANSPORTATION ACROSS U.S.



Source: American Public Transportation Association
Mapping: Nashville Area MPO

PUBLIC TRANSPORTATION ACROSS U.S.



Dedicated Lane BRT



Source: American Public Transportation Association
Mapping: Nashville Area MPO

PUBLIC TRANSPORTATION ACROSS U.S.

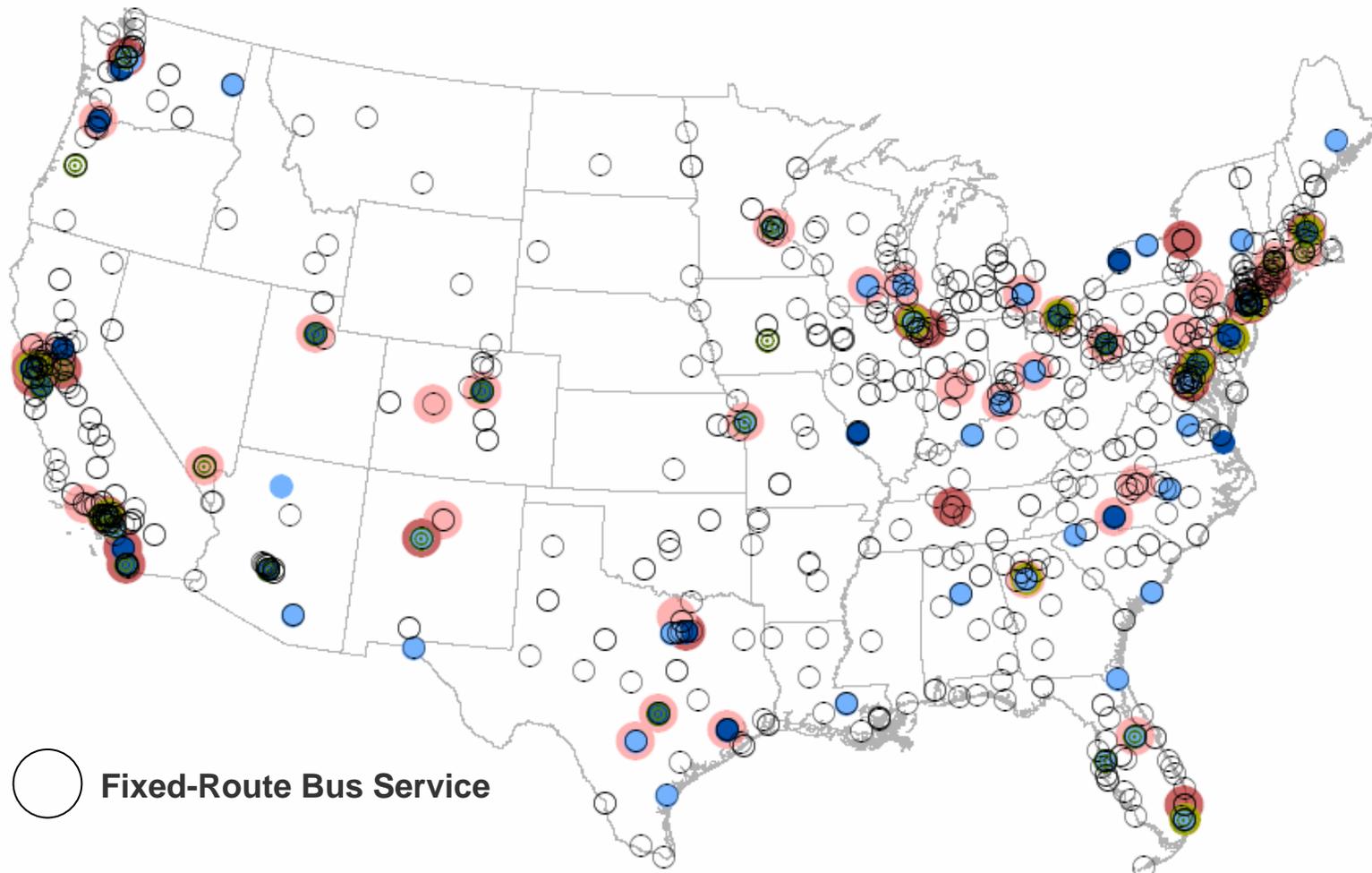


Commuter Rail Transit



Source: American Public Transportation Association
Mapping: Nashville Area MPO

PUBLIC TRANSPORTATION ACROSS U.S.



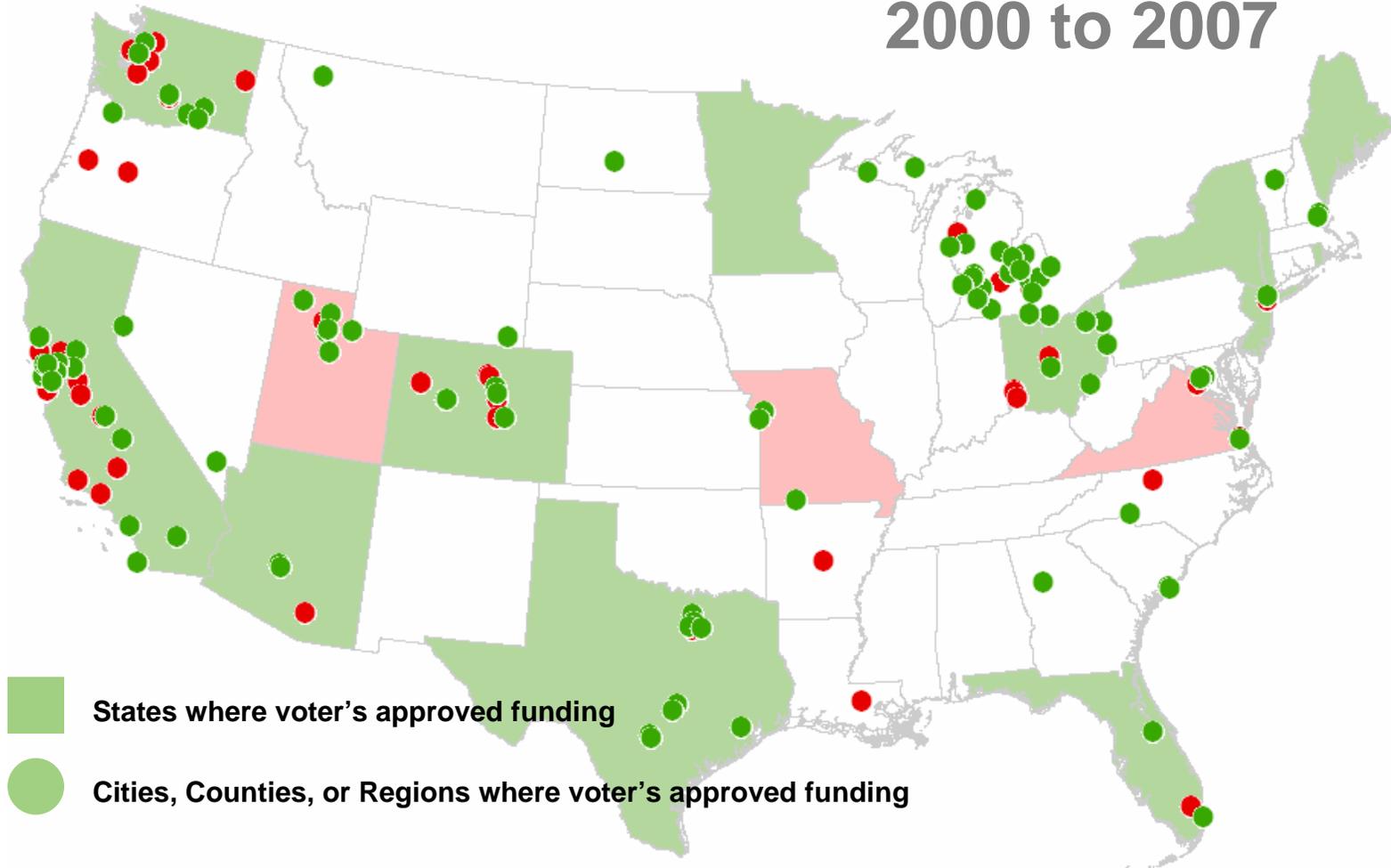
○ Fixed-Route Bus Service

Source: American Public Transportation Association
Mapping: Nashville Area MPO

TRANSPORTATION BALLOT INITIATIVES

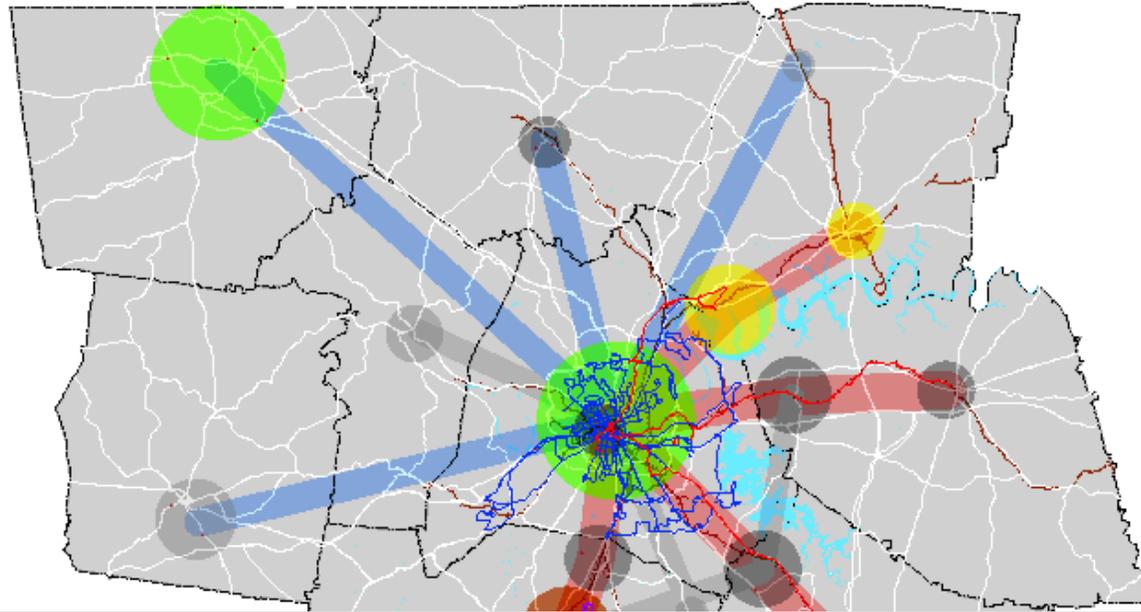


2000 to 2007



Source: Center for Transportation Excellence
Mapping: Nashville Area MPO

WHAT'S OUR VISION?



Help Shape our Future with Transportation!

www.nashvillempo.org

www.cuampo.com