

SHRP2 Interstate 64 Corridor Plan

Shenandoah Piedmont area Collaborative Effort
(SPaCE)

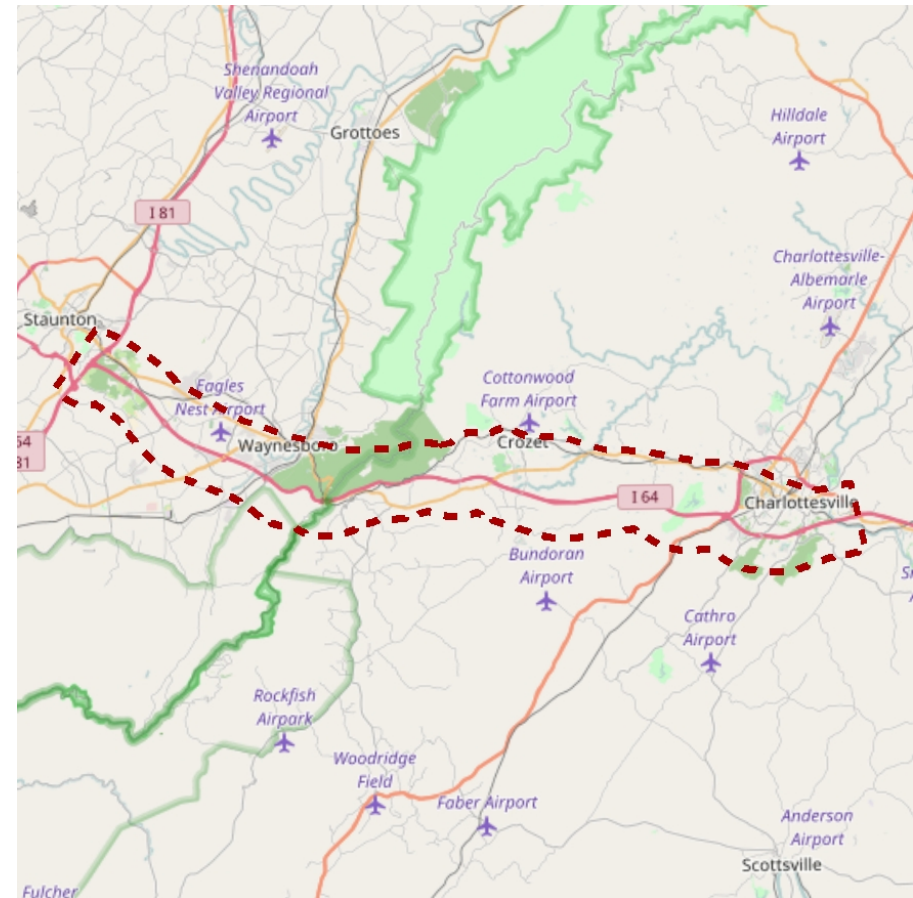
Project Introduction and Overview

October 26, 2016

Project Study Area

Study Area

- I-64 from 87 MM to MM 118
- US-250 from I-81 Interchange to the Cville Bypass
- CSXT/BB from Charlottesville to Staunton



Project Funding

Project Funding

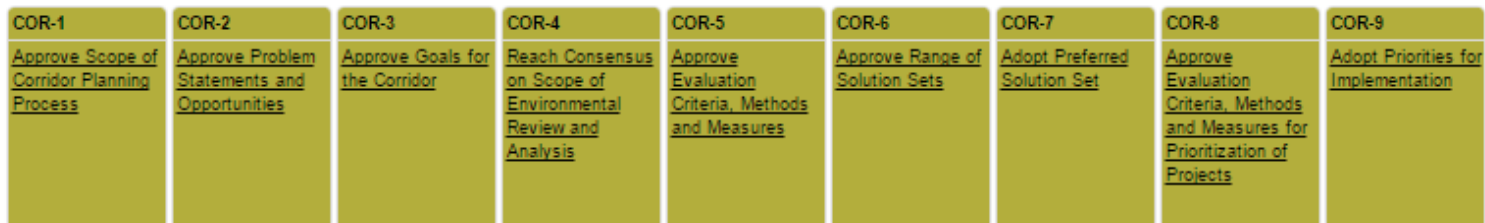
- Grant funding provided by Federal Highway Administration (SHRP2 Program)
- \$100,000 in federal funds
- CA-MPO \$70,000
- SAW-MPO \$30,000
- CA-MPO providing project management and oversight

SHRP2 PlanWorks

Plan Works

- SHRP2
 - ▣ Strategic Highway Research Program
 - Authorized under SAFETEA-LU
 - Funds innovation research and pilot projects
 - ▣ PlanWorks
 - Web based decision support tool
 - Supports and improves collaborative decision making
 - Built around key decision points in the project and LRTP planning process
 - Provides a flexible roadmap for project

Corridor Planning



The diagram illustrates the Corridor Planning process as a sequence of nine steps, each represented by a green box. The steps are arranged in a single row, with a small circular icon to the left of the first step. The steps are labeled COR-1 through COR-9, and each contains a description of the task.

COR-1	COR-2	COR-3	COR-4	COR-5	COR-6	COR-7	COR-8	COR-9
<u>Approve Scope of Corridor Planning Process</u>	<u>Approve Problem Statements and Opportunities</u>	<u>Approve Goals for the Corridor</u>	<u>Reach Consensus on Scope of Environmental Review and Analysis</u>	<u>Approve Evaluation Criteria, Methods and Measures</u>	<u>Approve Range of Solution Sets</u>	<u>Adopt Preferred Solution Set</u>	<u>Approve Evaluation Criteria, Methods and Measures for Prioritization of Projects</u>	<u>Adopt Priorities for Implementation</u>

Project Activities

Project Activities

- ❑ Multi-agency and jurisdiction working group
- ❑ Joint MPO meetings
- ❑ Data collection
- ❑ Needs assessment
- ❑ Draft MOU's
- ❑ Draft Corridor Study

Working Group Meetings

Meeting 1 (Nov)

- Scope and problem statement
- Project Goals and process

Meeting 2 (Jan)

- Goals
- Public Safety

Meeting 3 (Mar)

- Evaluation Criteria
- Economic Development/ Accessibility

Meeting 4 (May)

- Identify Hotspots
- Environmental

Meeting 5 (Jul)

- Congestion and traffic
- Review problem areas

Meeting 6 (Aug)

- Lessons Learned
- Recommendation of problem areas & next steps

Public Open
House

Joint MPO
Meeting

Joint MPO
Meeting
Public Open
House

Alternative Routes

Detours

□ Key Regional Link

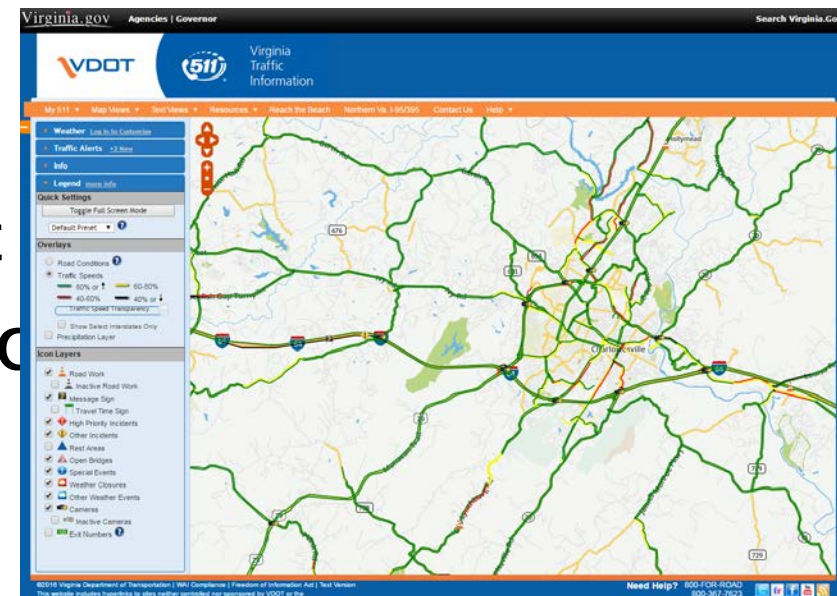
- Few adequate alternatives exist to provide detour routes if corridor becomes closed or Afton is impassable due to weather or crash
- Alternative routes within a reasonable vicinity of the corridor include the following (*Note all times are between Charlottesville and Staunton / 64 Drive time is 45 minutes*):
 - US 250 (1:00 drive time)
 - US 33 (1:48 drive time)
 - Route 56 (1:58 drive time)*
 - Route 60 (2:14 drive time)*

*Routes are not well suited for trucks and other large vehicles

Preliminary Data

Data

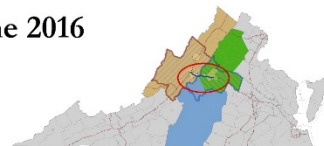
- Highway performance related measures
 - ▣ Crashes
 - ▣ AADT
 - ▣ Truck Traffic
- Demographic
 - ▣ Commuting patterns
 - ▣ Incomes



Crashes



Crash Severity: June 2015- June 2016

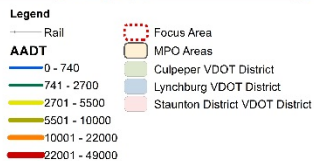


0 1.25 2.5 5 Miles

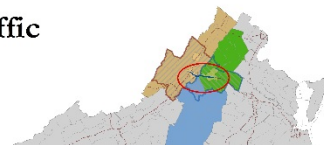


Disclaimer: This map is intended to provide information only and is not intended to be used for any other purpose, including but not limited to, liability, insurance, or other legal purposes. The map is not a warranty, representation, or endorsement of any product or service.

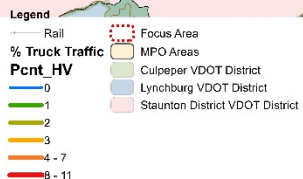
AADT



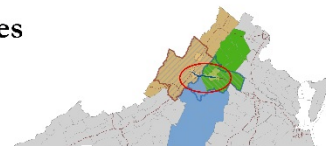
Annual Average Daily Traffic



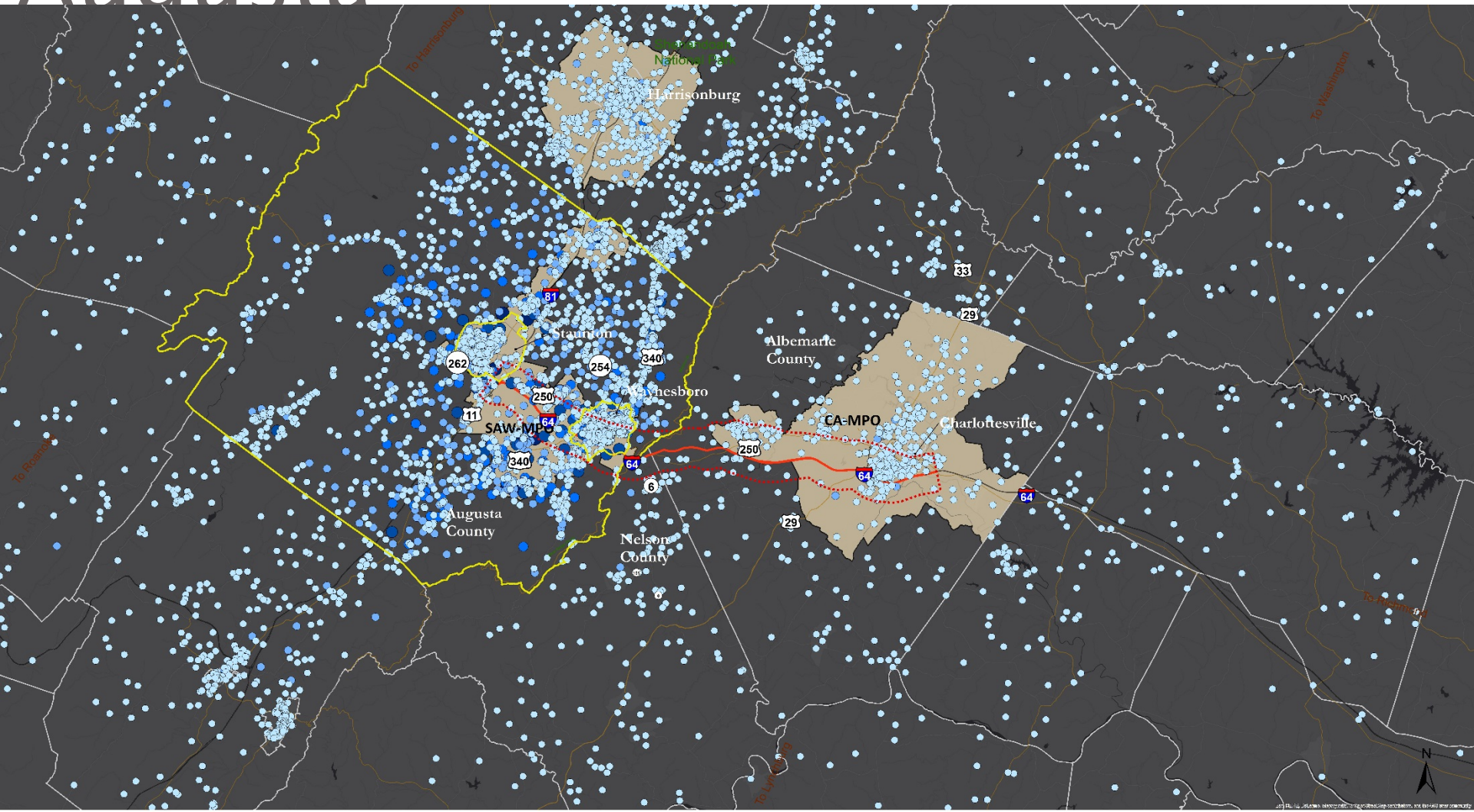
Percent Heavy Vehicles (trucks)



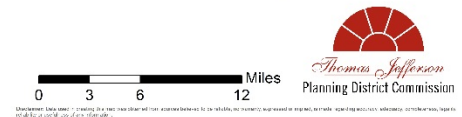
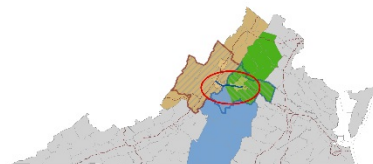
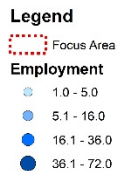
Percent of Heavy Vehicles



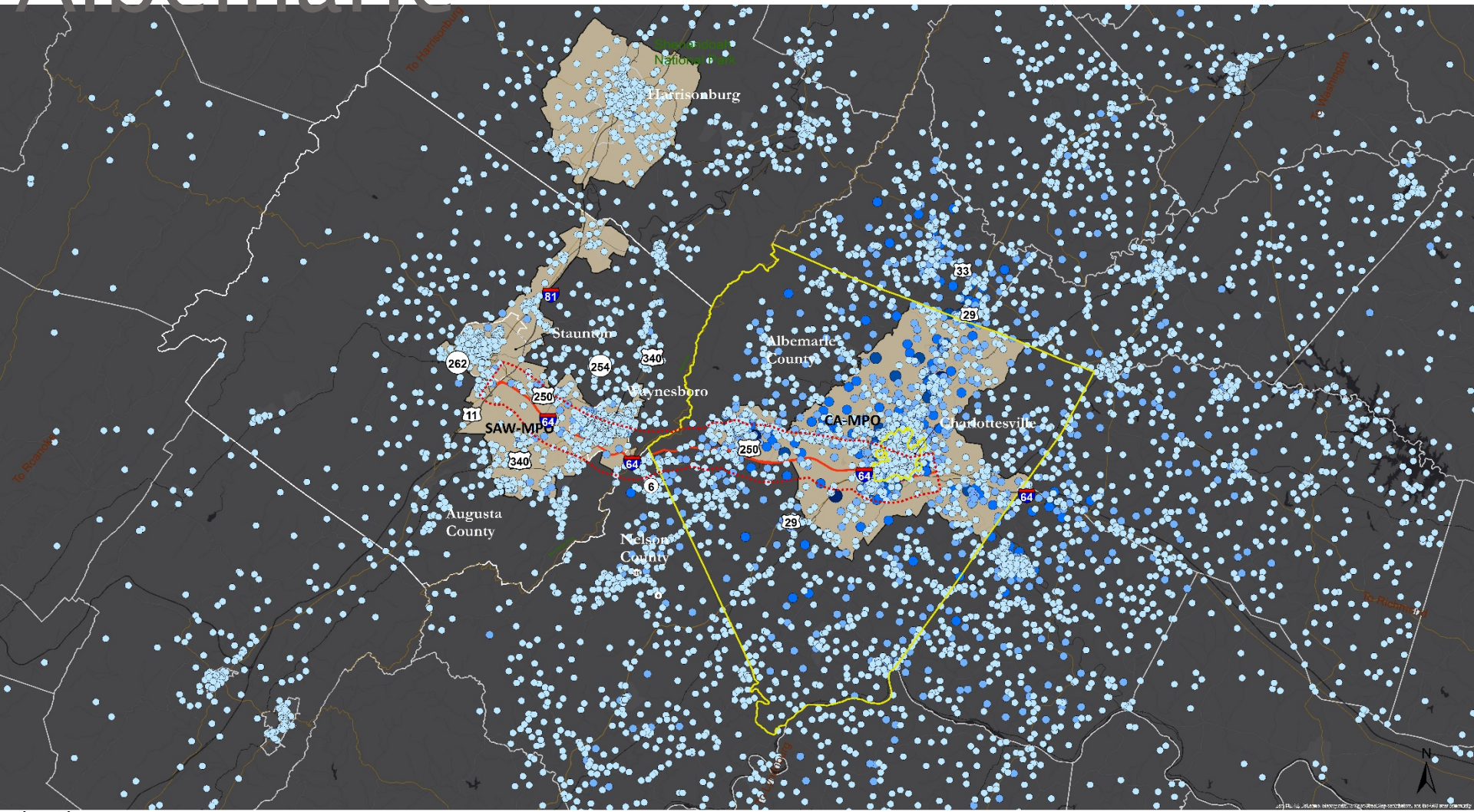
Commuting Patterns: Augusta



Augusta Employment



Commuting Patterns: Albemarle



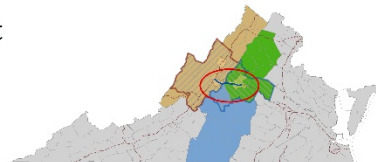
Legend

Focus Area

Employment

- 1.0 - 7.0
- 7.1 - 28.0
- 28.1 - 80.0
- 80.1 - 179.0
- 179.1 - 352.0

Albemarle Employment

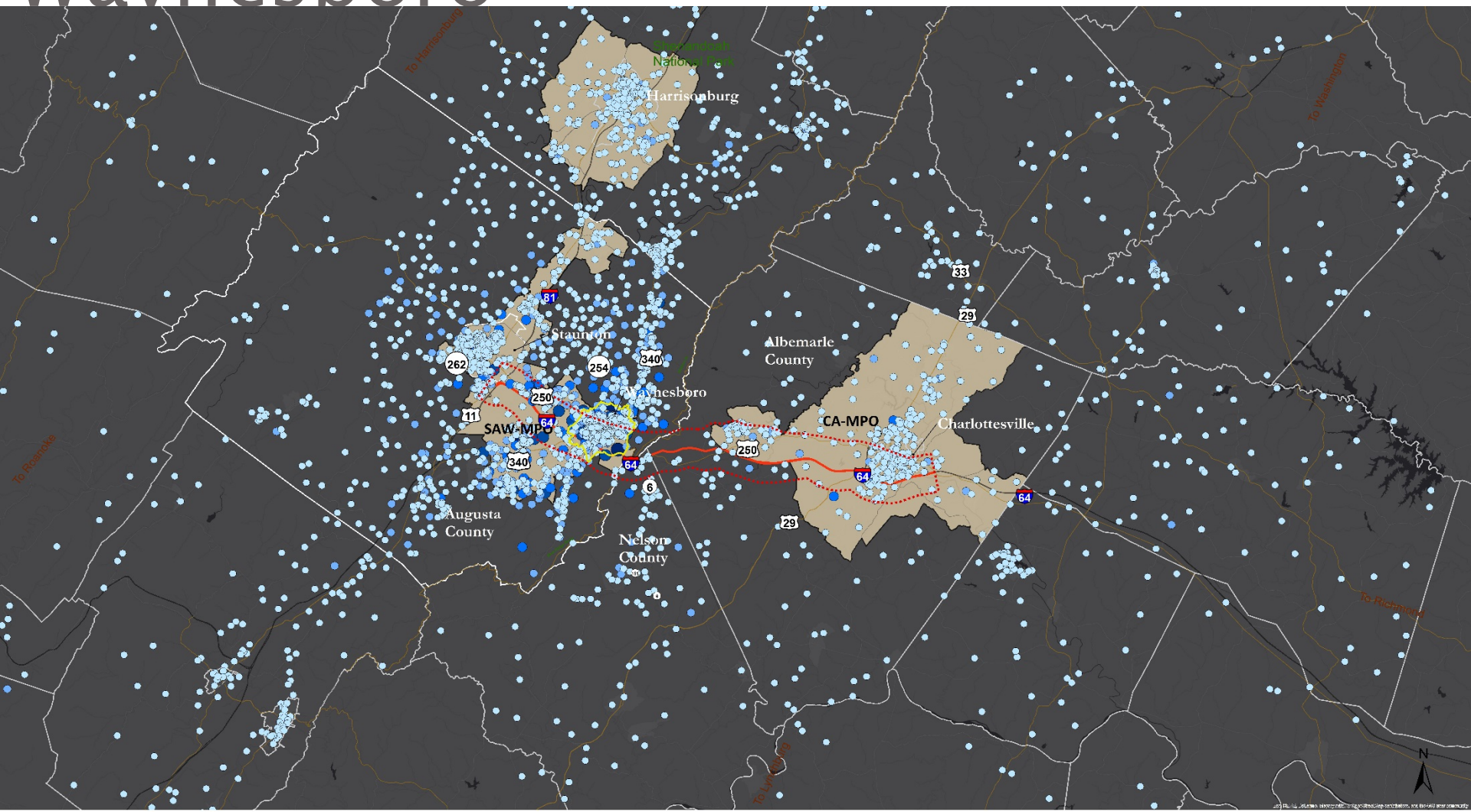


0 3 6 12 Miles

MapSource: Data used: 2010 Census of the United States, Census Bureau, 2010. Data for this map were derived from the 2010 Census of the United States, Census Bureau, 2010. Data for this map were derived from the 2010 Census of the United States, Census Bureau, 2010.

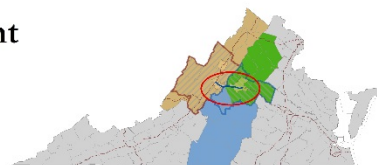


Commuting Patterns: Waynesboro

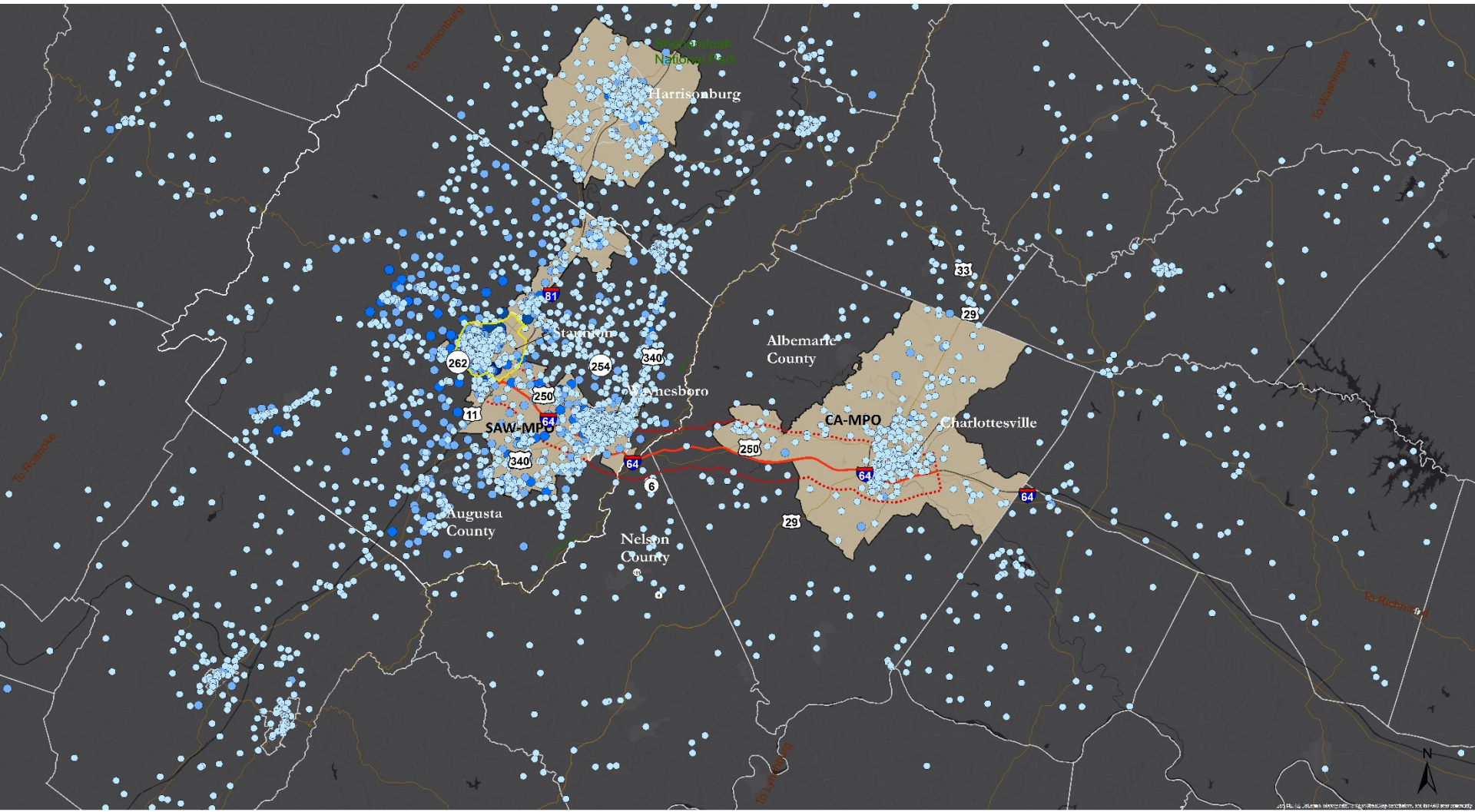


- Legend**
- Focus Area
- Employment**
- 1.0 - 3.0
 - 3.1 - 9.0
 - 9.1 - 20.0
 - 20.1 - 38.0

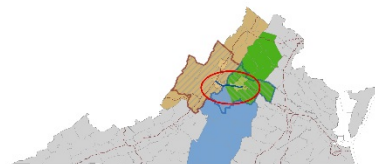
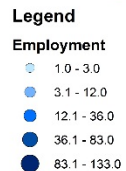
Waynesboro Employment



Commuting Patterns: Staunton



Staunton Employment

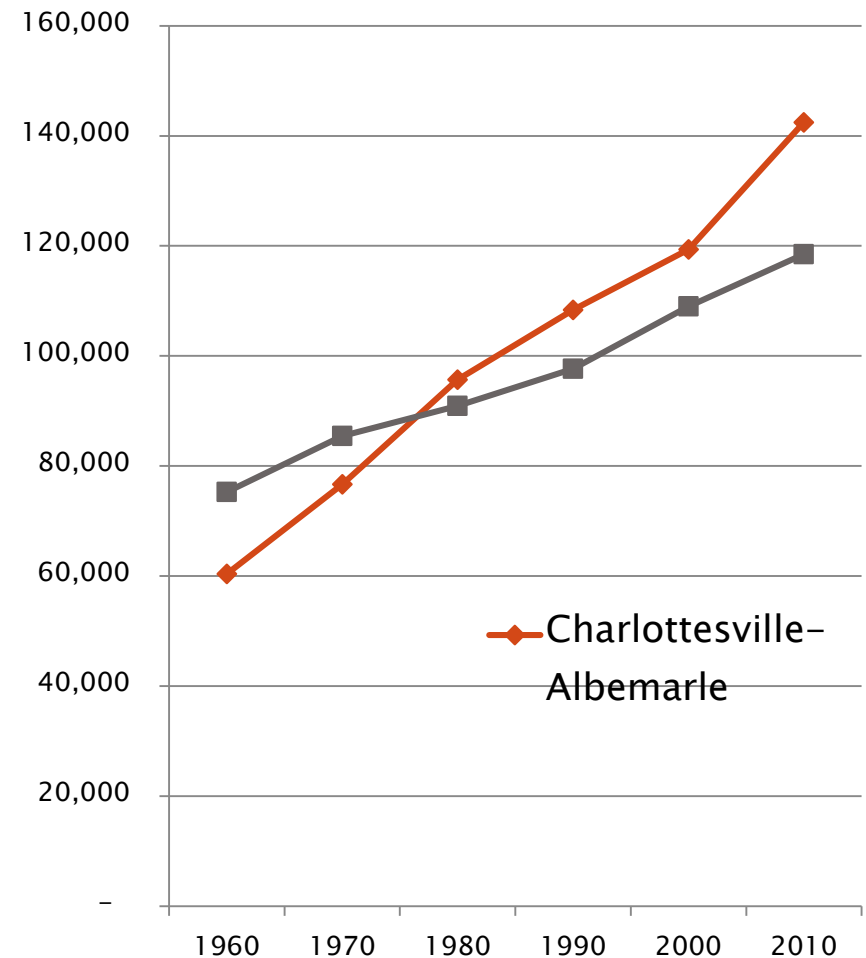


● 58.1 - 128.0



Community Profile: Population Change

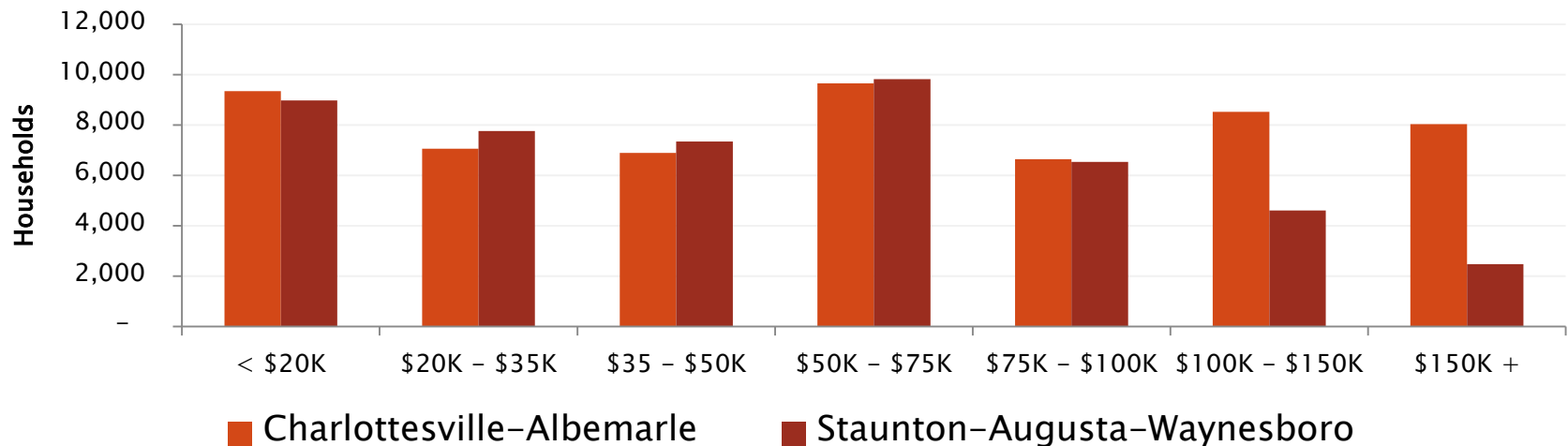
Geography	2015 Pop	2010-15 Growth Rate
Virginia	8,382,993	4.8%
C-A	153,261	7.6%
Charlottesville	48,210	10.9%
Albemarle	105,051	6.1%
SAW	121,218	2.3%
Staunton	24,542	3.4%
Augusta	74,881	1.5%
Waynesboro	21,795	3.8%



Community Profile: Income

- The income spread is similar in both communities across most income brackets.
- Major difference is presence of about 10,000 additional households earning \$100,000 or more in Charlottesville/Albemarle

Median Household Income	
Charlottesville Metro Area	\$59,189
Staunton-Wboro Metro Area	\$49,262



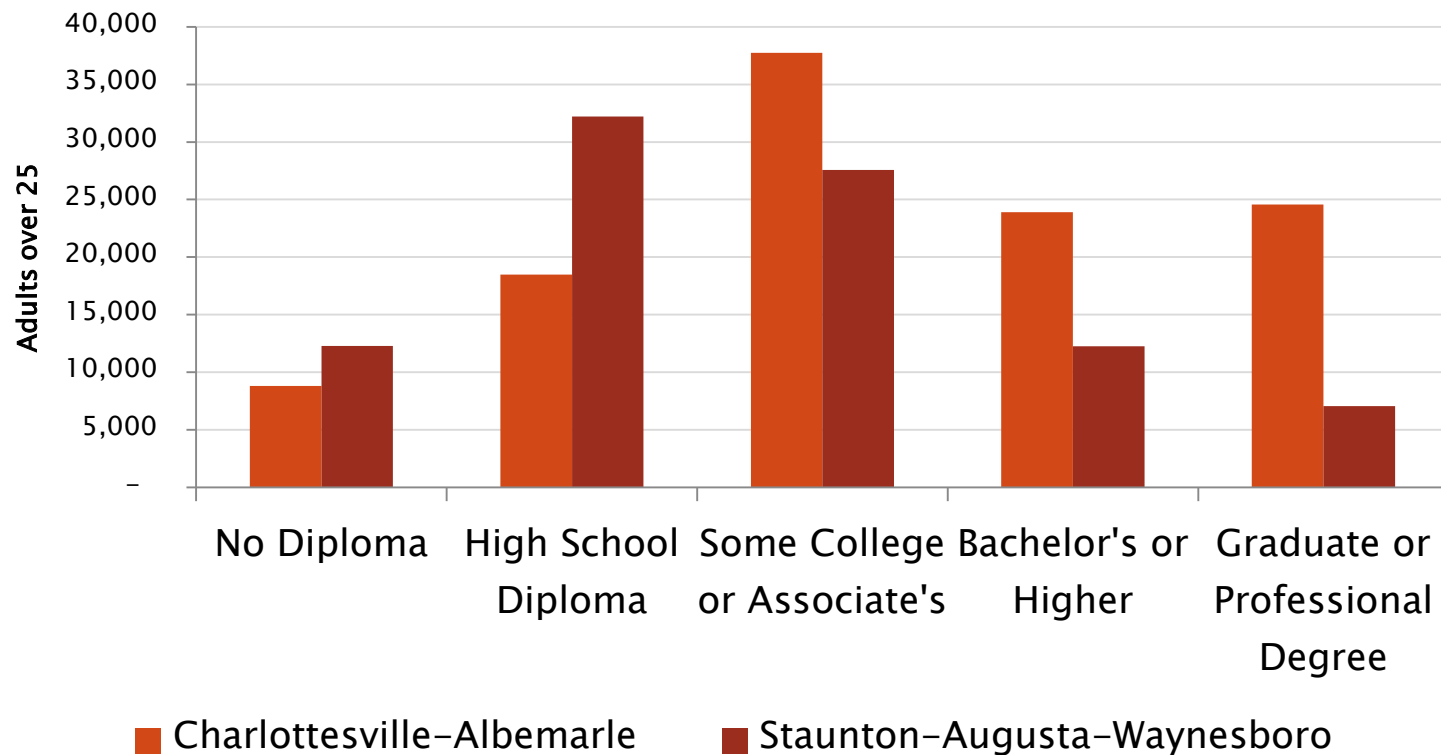
Community Profile: Poverty & Employment

General Economic Indicators

Geography	Median Household Income	Poverty Rate	Non-student Poverty Rate	Unemployment Rate (BLS)
Charlottesville Metro Area	\$59,189	15.2%	10.2%	3.9%
Charlottesville	\$47,218	27.5%	15.1%	3.7%
Albemarle	\$67,958	9.7%	8.4%	3.9%
Staunton-Waynesboro Metro Area	\$49,262	13.2%	13.2%	4.3%
Staunton	\$39,982	18.2%	17.8%	4.4%
Augusta	\$54,018	9.3%	9.4%	4.1%
Waynesboro	\$45,499	20.7%	20.8%	4.7%

Community Profile: Educational Attainment

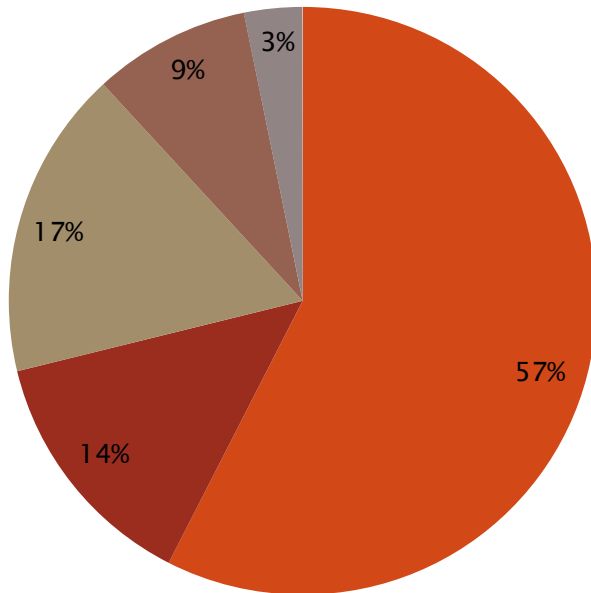
- The contrast in educational attainment is more dramatic than the contrast in income



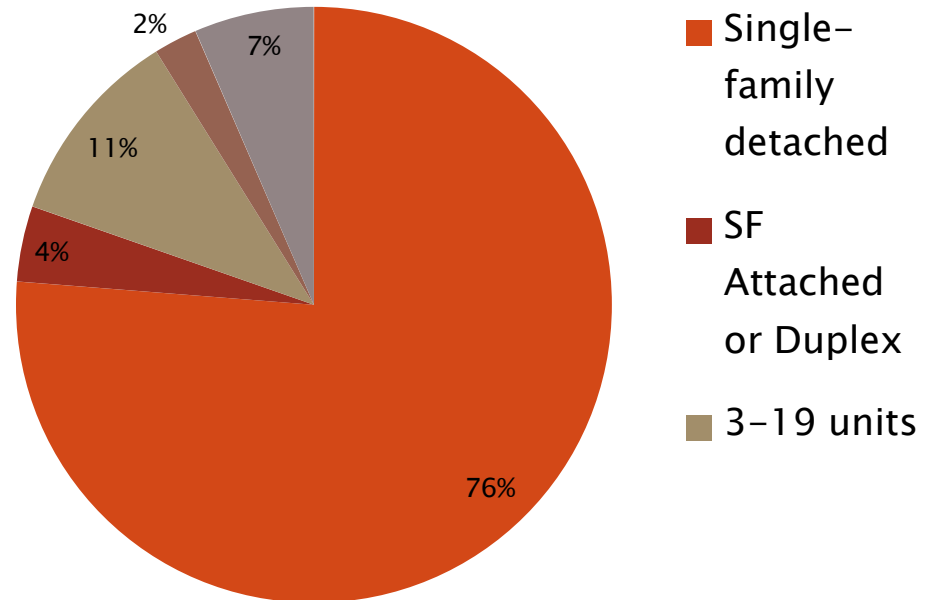
Community Profile: Housing

- The dominant form of housing in both regions is single-family detached. Charlottesville has more multi-family.

Charlottesville–Albemarle



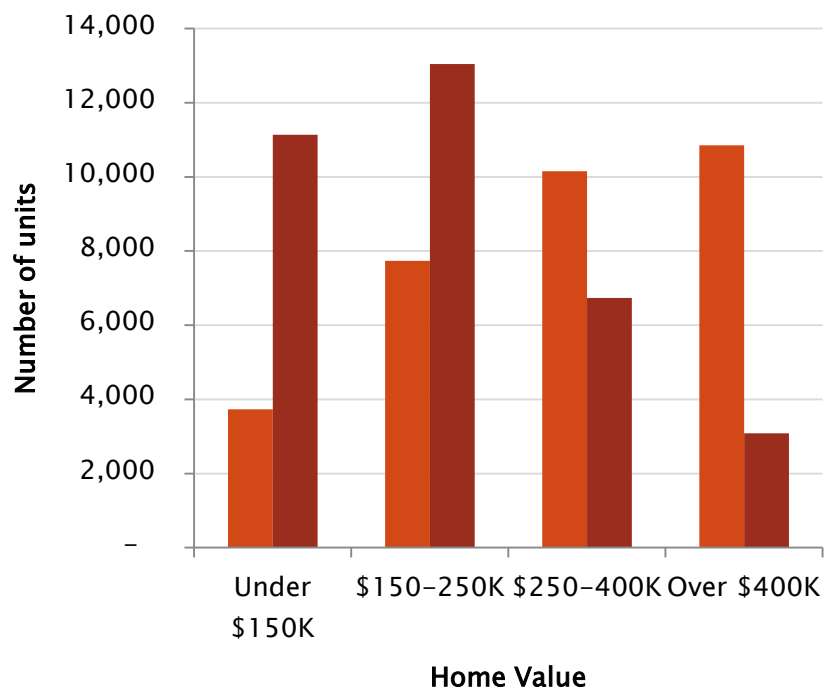
Staunton–Augusta–Waynesboro



(Percentage of total housing units)

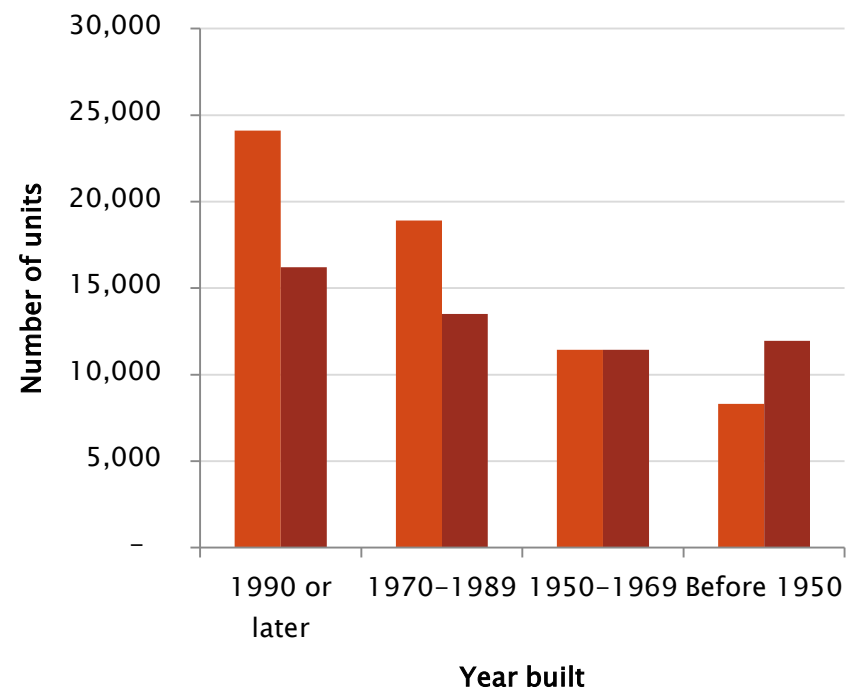
Community Profile

Home Values



■ Charlottesville-Albemarle
■ Staunton-Augusta-Waynesboro

Housing age



■ Charlottesville-Albemarle
■ Staunton-Augusta-Waynesboro

QUESTIONS



Thomas Jefferson Planning District
Commission

401 East Water Street
Charlottesville, VA 22902

Wood Hudson
Senior Planner

Resources: <http://campo.tjpd.org/>