



Regional Accessibility

To:
CTB Workshop
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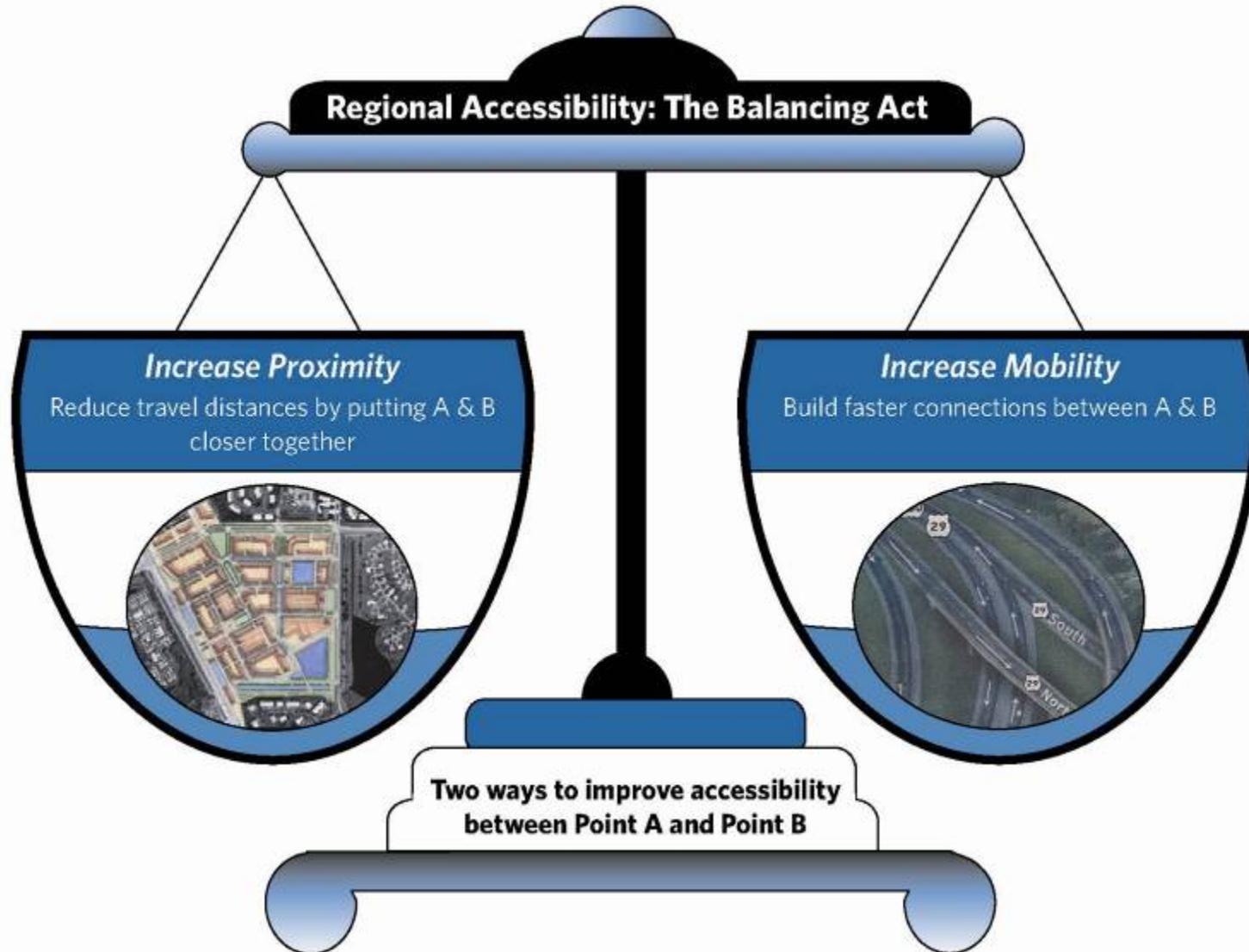
- **What is regional accessibility?**
- **How can improving regional accessibility help Virginia thrive and prosper?**
- **What can we do to improve regional accessibility?**
- **How can we optimize existing and future transportation investments and community development?**

What is Regional Accessibility?

The ability to move from A to B within a defined region

- **From one community or activity center to another**
 - Commuting to work
 - Doing the weekly grocery shopping
 - Going out to dinner or to see a show
- **Within a community or activity center**
 - Taking children to school or the park
 - Picking up a quart of milk or a loaf of bread
 - Going out for ice cream
 - Visiting nearby friends

Balancing Accessibility and Mobility



What Makes a Region Accessible?

- **Proximity of Activities**
 - Origins and destinations located close to one another
 - Safe, convenient access from one front door to the next for all travelers
- **Connectivity and Mobility**
 - Local streets connected to regional roadways
 - Bicycle routes and sidewalks connected to local origins and destinations
 - Local buses accessible to pedestrians and to regional mass transit
- **Transportation Choices**
 - Multiple routes
 - Variety of modes

Highly accessible communities can ..

- Accommodate the travel demands generated by new growth
- Promote and sustain higher levels of economic activity
- Offer more choices of places to live
- Provide more ways to get around

Regional accessibility affects the amount of time and money we all spend on transportation.

- **What is regional accessibility?**
- **How can improving regional accessibility help Virginia thrive and prosper?**
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Strong regional accessibility can help us to...

- **Strengthen Economic Competitiveness**
- **Sustain the Natural Environment**
- **Improve Community Quality of Life**
- **Optimize Investments**

Poor regional accessibility can lead to ...

- Lost Jobs and Economic Opportunities
- Exacerbated Environmental Issues
- Quality of Life Concerns
- Unsustainable Investment Costs

95 4th Lane Widening Project



VDOT estimates the I-95 corridor will need 24 additional lanes to accommodate future traffic. Alternative solutions must be found.

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Focus on “The Five D’s” for proximity, connectivity, and travel choices –

- ***Density***
- ***Diversity***
- ***Design***
- ***Destination***
- ***Distance to Transit***

***1) Foster Efficient Density, Diversity and Design:
Encourage development of higher-density
communities that offer a mix of activities within
close proximity of each other and safe, convenient
connections for all transportation modes.***

- Participate in comprehensive plans, urban development area designations, and traffic impact analyses for major developments
- Advance subdivision street acceptance requirements (SSAR)
- Support local strategies (zoning, form-based code, parking ordinances)

2) Optimize Existing & New Destinations and Distance to Transit: Promote strategic location of residential and commercial land uses within and among regions to make efficient use of regional and local transportation networks

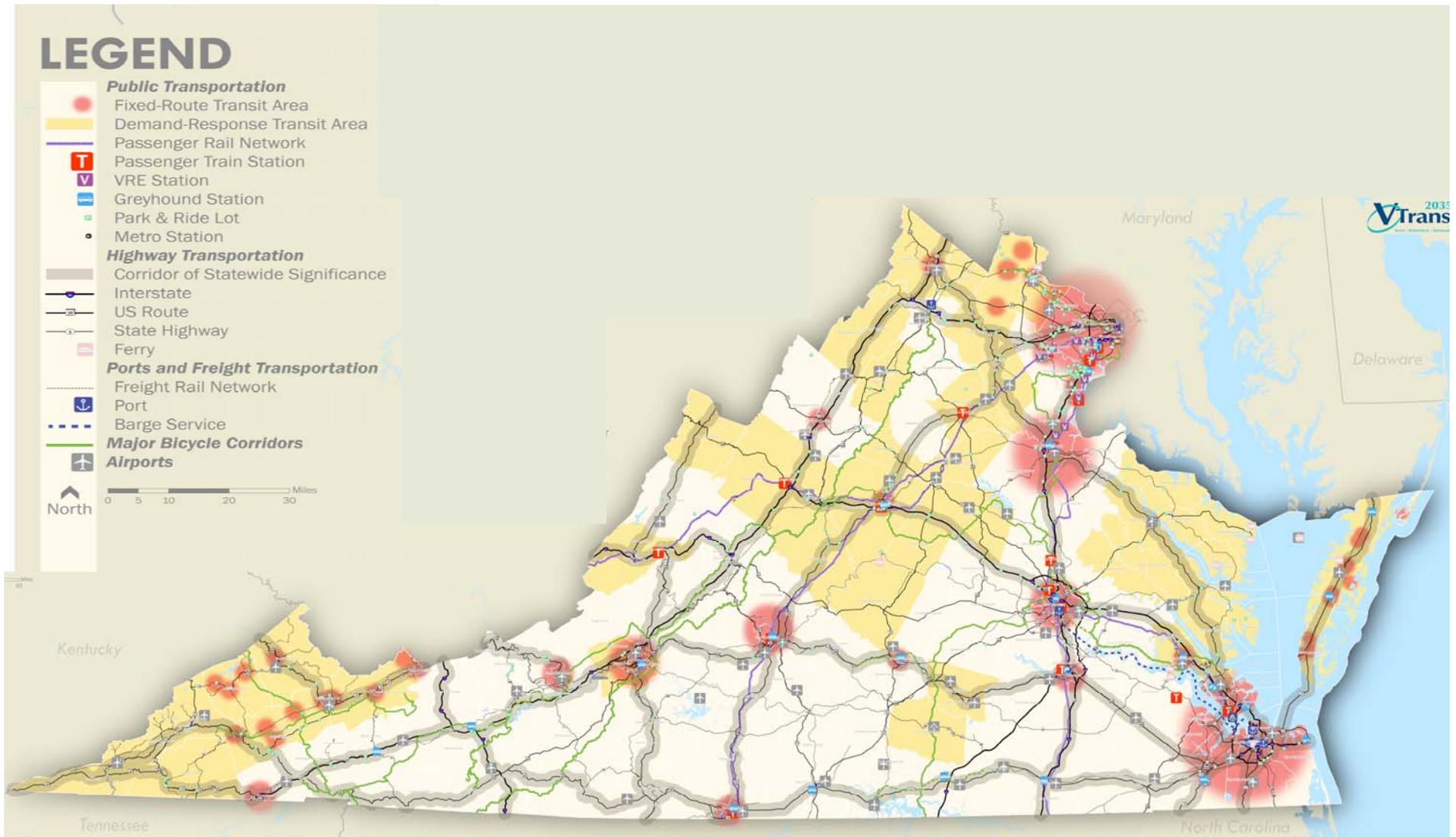
- Prioritize transit investments in areas with affordable, higher-density housing and employment centers
- Promote access management regulations and support growth management plans
- Advance planning tools and decision-making processes to coordinate transportation investments with economic & community development

3) Expand Transportation Choices: Improve regional accessibility for all modes

- Make more efficient use of existing regional roadway and transit systems
 - Operational improvements
 - Travel Demand Management (TDM) strategies
 - Managed lanes, value pricing, etc.
 - Multi-modal connectivity
- Develop new resources & incentives for state, regional and local multi-modal accessibility
 - Transit systems
 - Connected street networks
 - Bicycle & pedestrian networks

- **What is regional accessibility?**
- **How can improving regional accessibility help Virginia thrive and prosper?**
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- **How can we optimize existing and future transportation and community development investments?**

Existing Transportation Assets

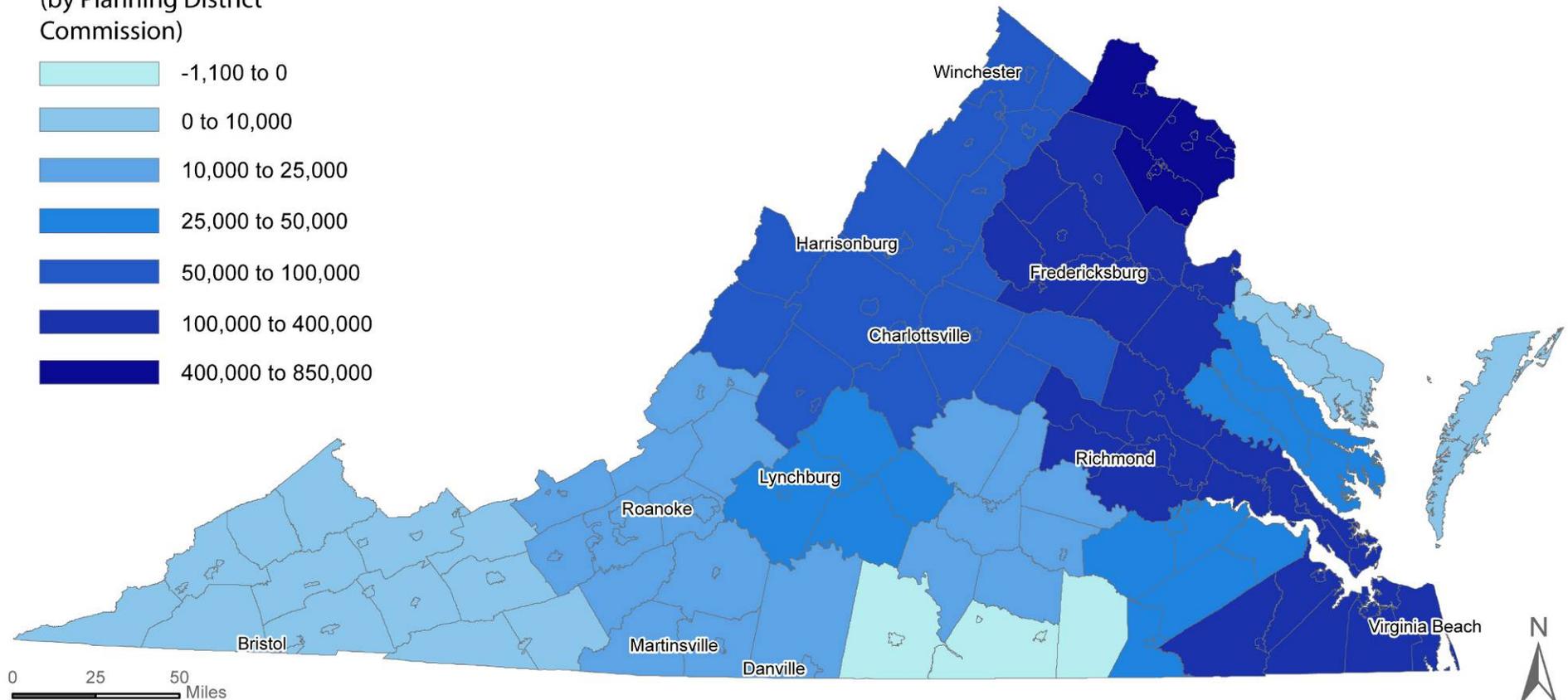
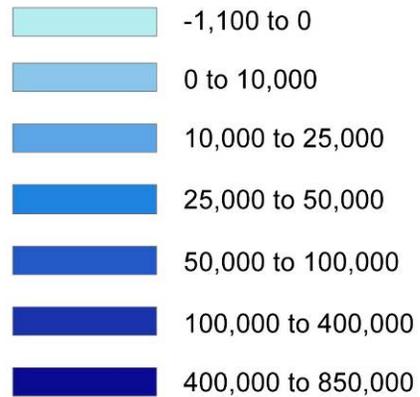


Population Growth (by PDC)

Projected Additional Population

2010 - 2035

(by Planning District Commission)



Rate of Population Growth (PDC)

Projected Rate of Population Growth

2010 - 2035

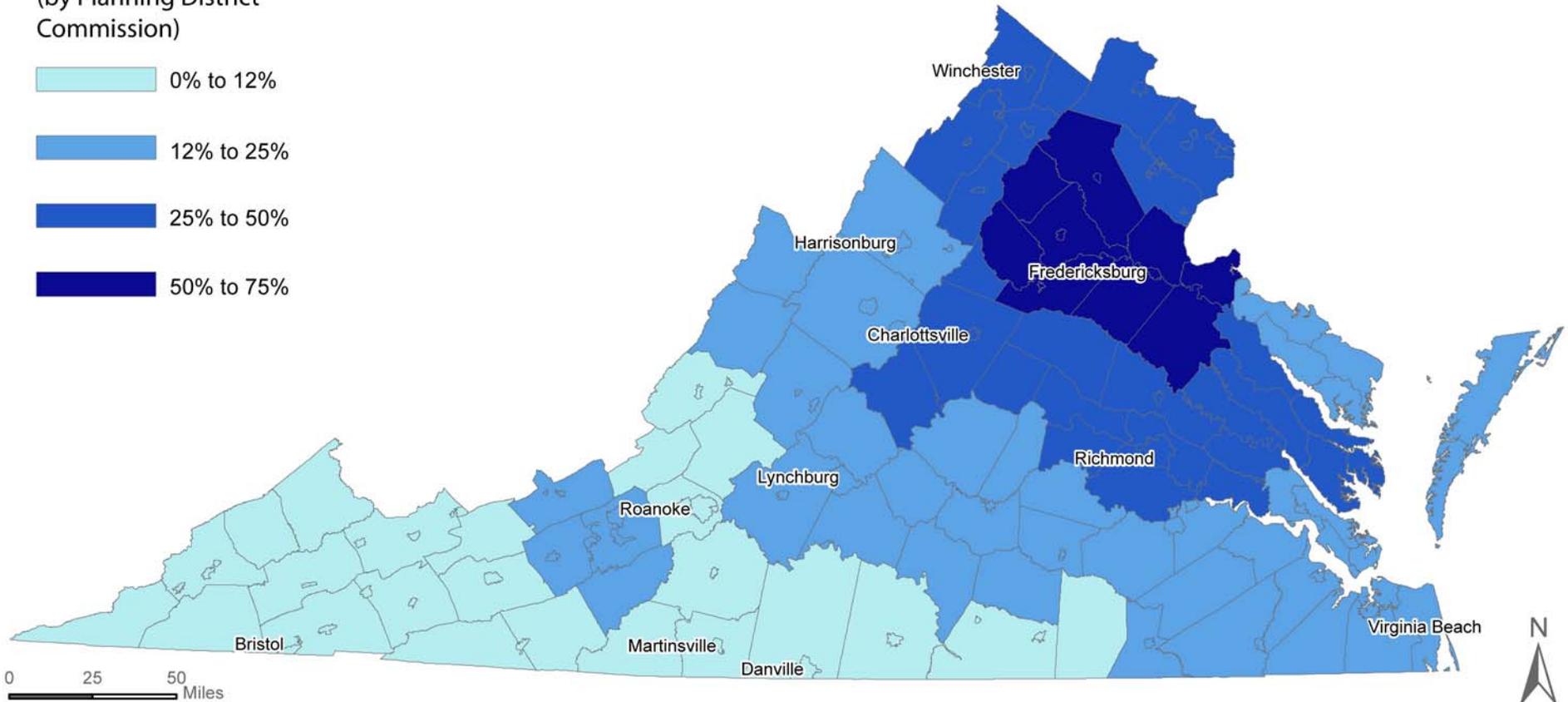
(by Planning District Commission)

0% to 12%

12% to 25%

25% to 50%

50% to 75%



Fast-Growing Population

Projected Rate of Population Growth

2010 - 2035

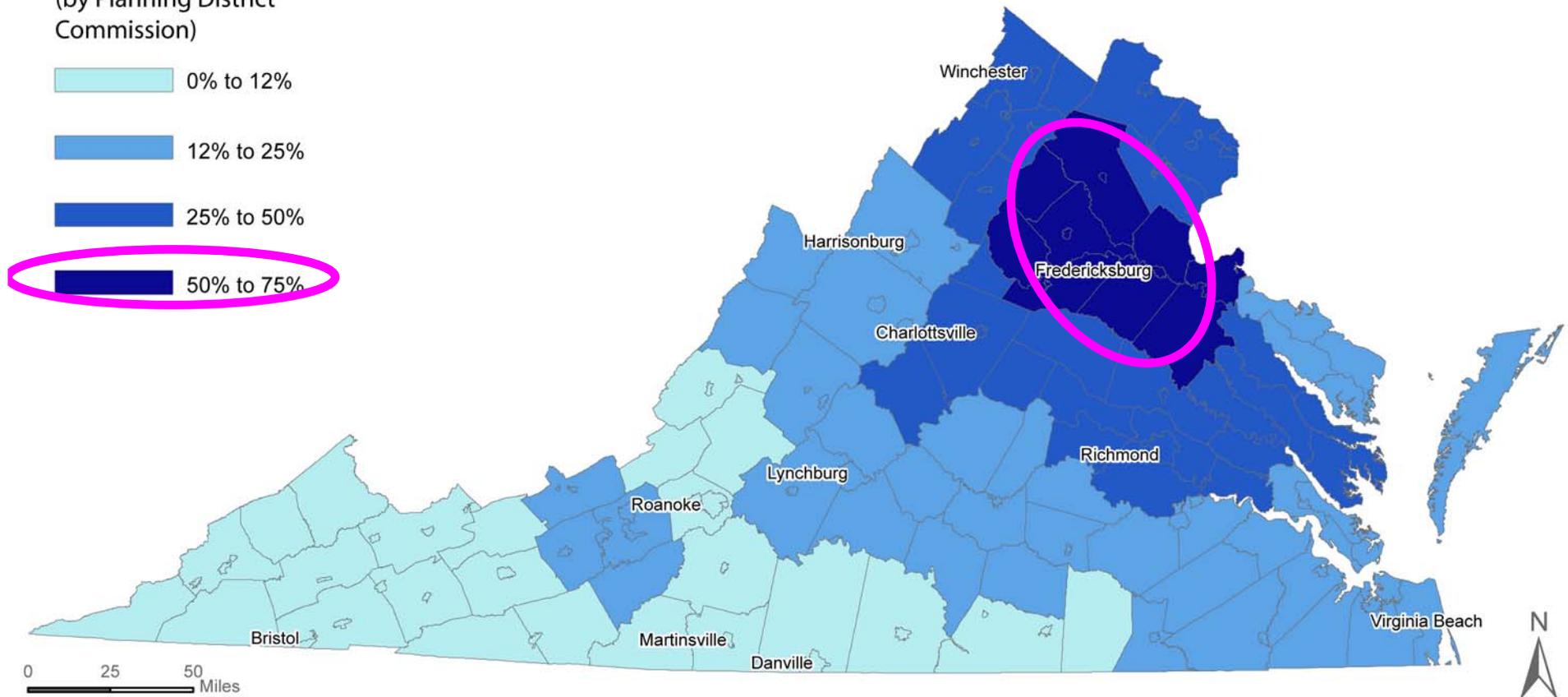
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0% to 12%

12% to 25%

25% to 50%

50% to 75%



Emerging Population Growth

Projected Rate of Population Growth

2010 - 2035

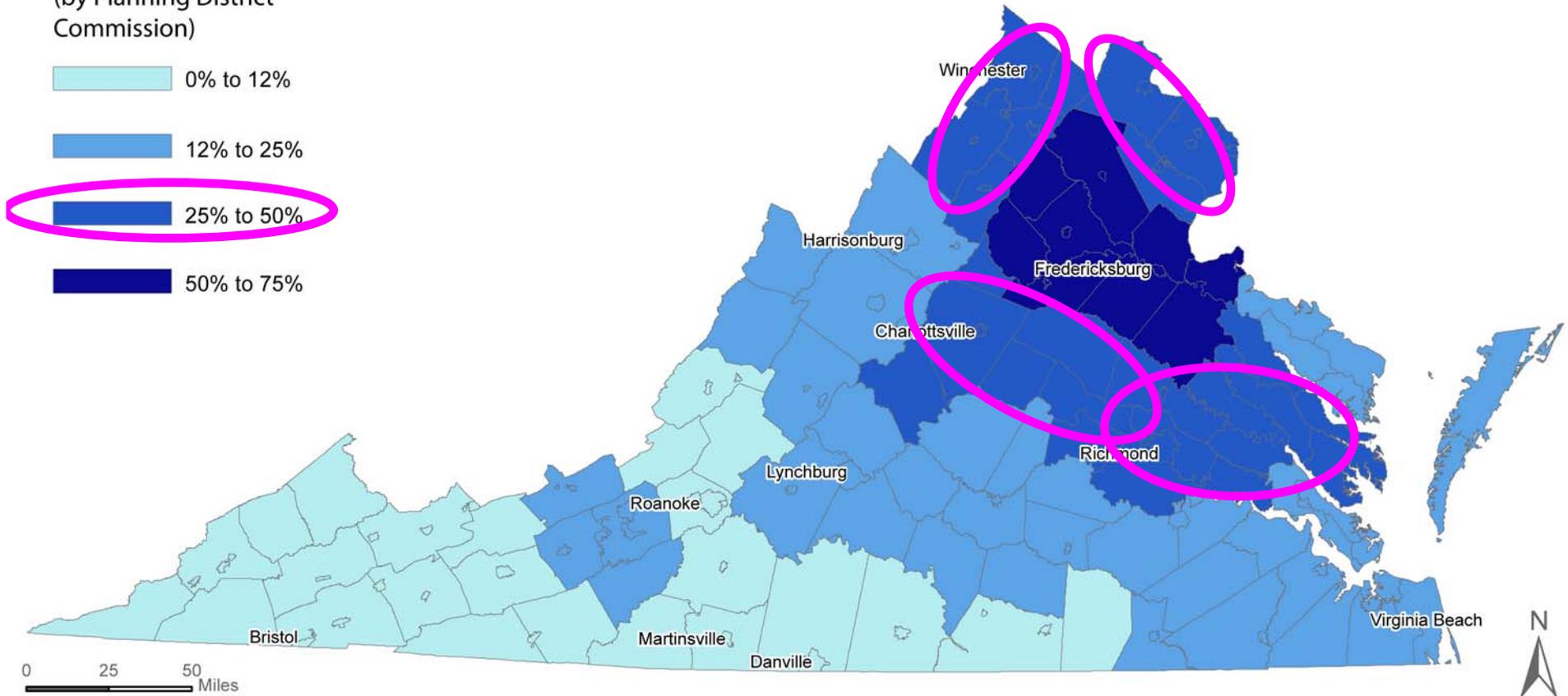
(by Planning District Commission)

0% to 12%

12% to 25%

25% to 50%

50% to 75%



Future Emerging Population Growth

Projected Rate of Population Growth

2010 - 2035

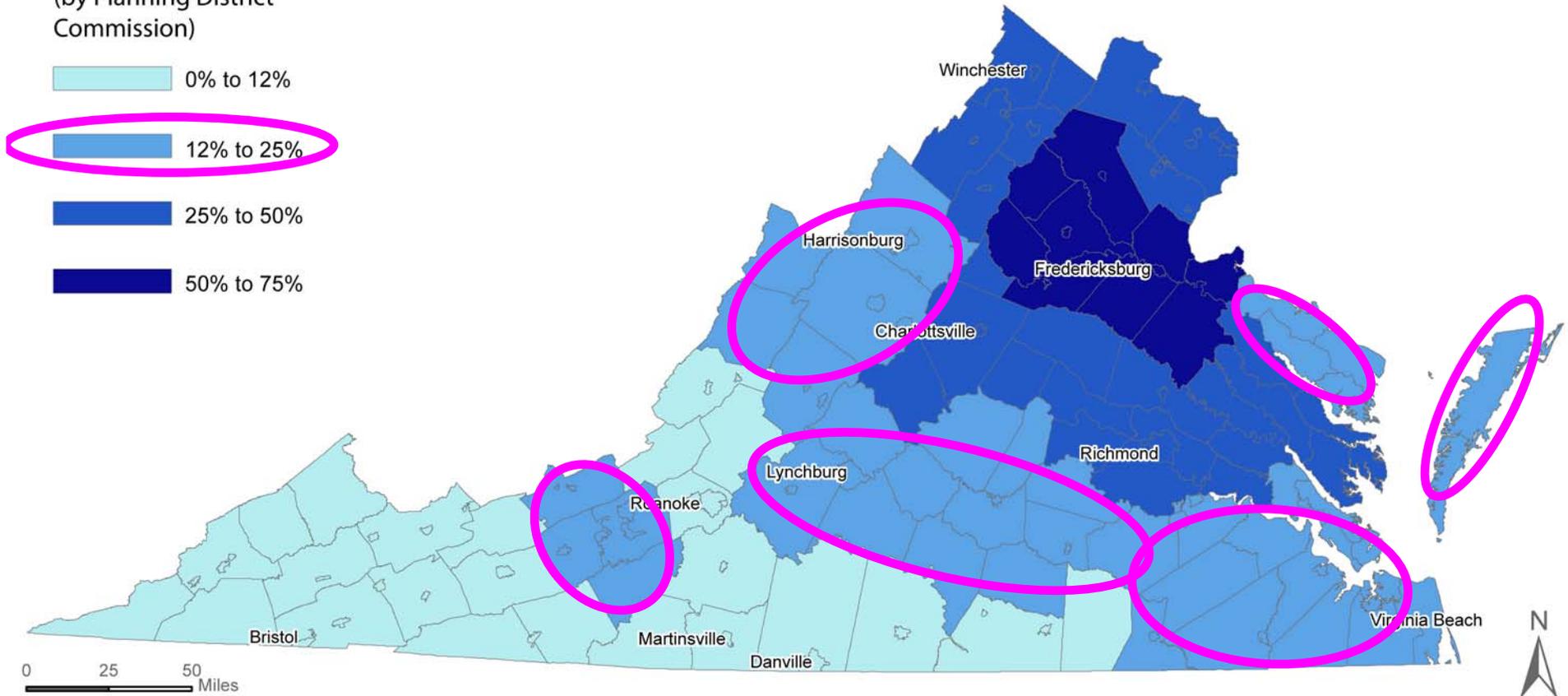
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0% to 12%

12% to 25%

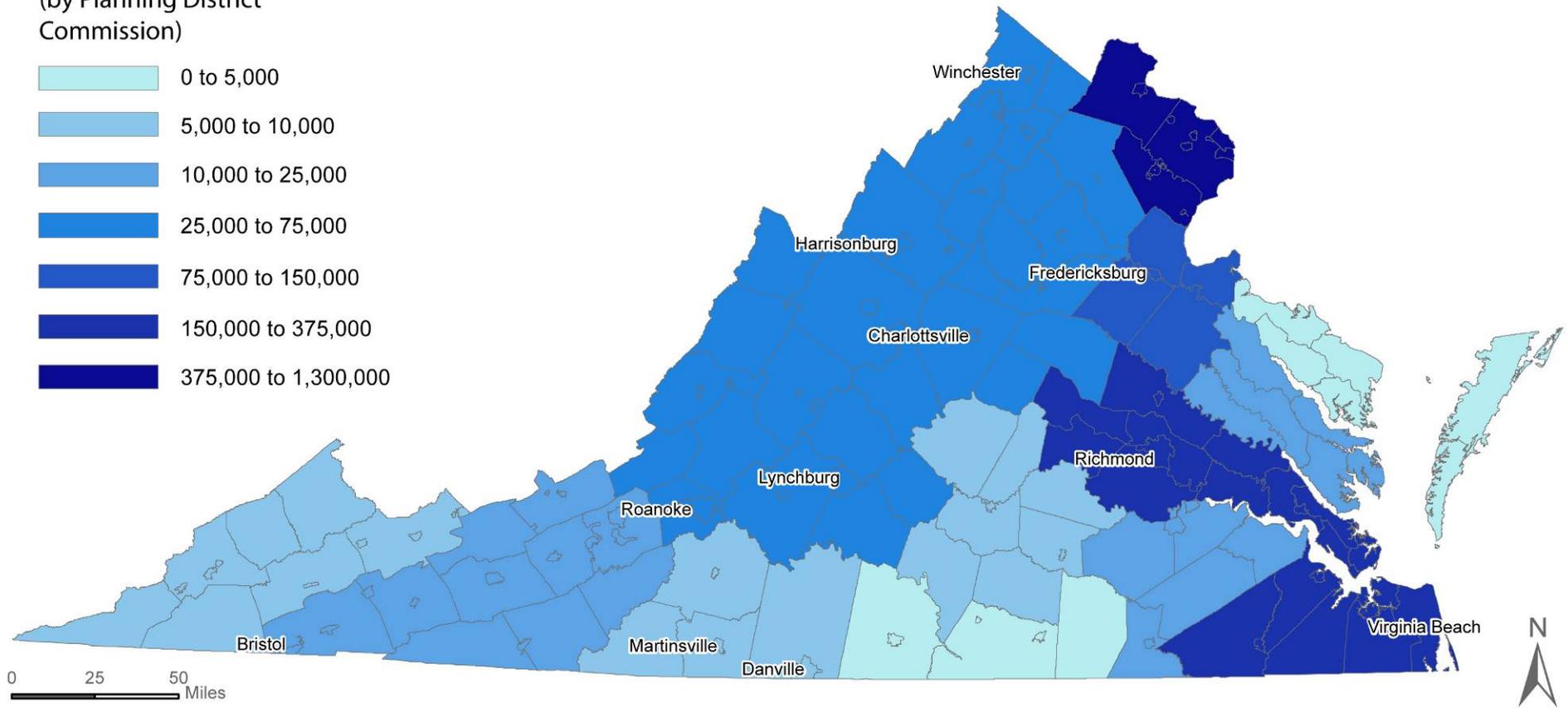
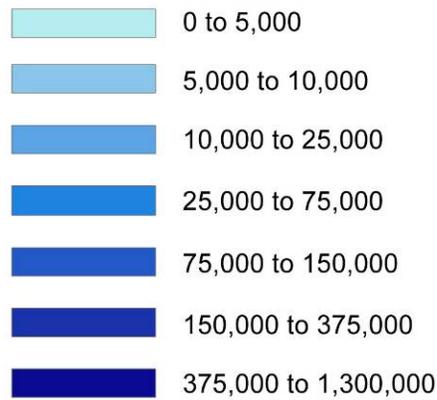
25% to 50%

50% to 75%



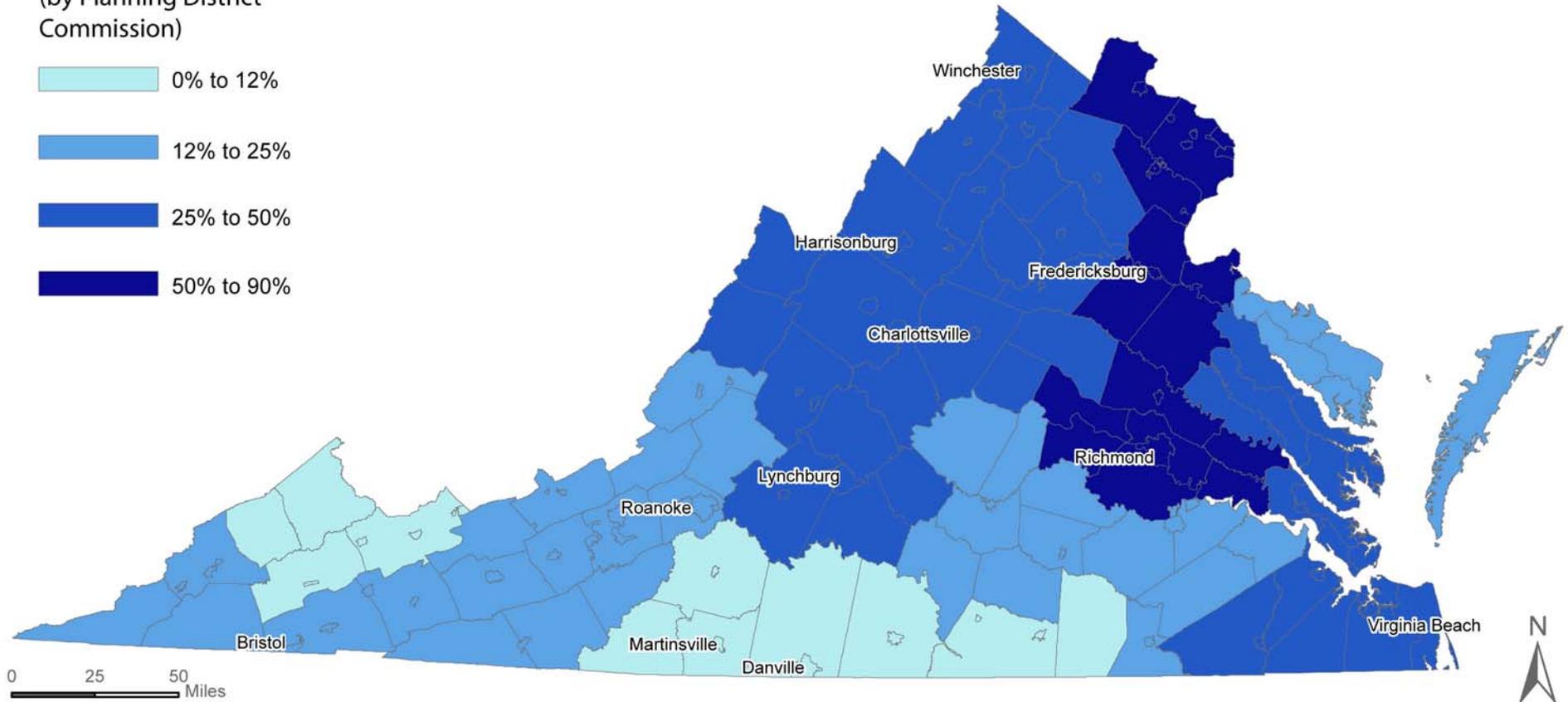
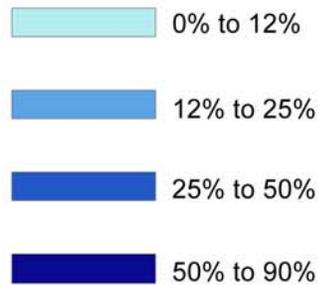
Employment Growth (by PDC)

Projected Additional Employment
2010 - 2035
(by Planning District
Commission)



Rate of Employment Growth (by PDC)

Projected Rate of Employment Growth
2010 - 2035
(by Planning District
Commission)

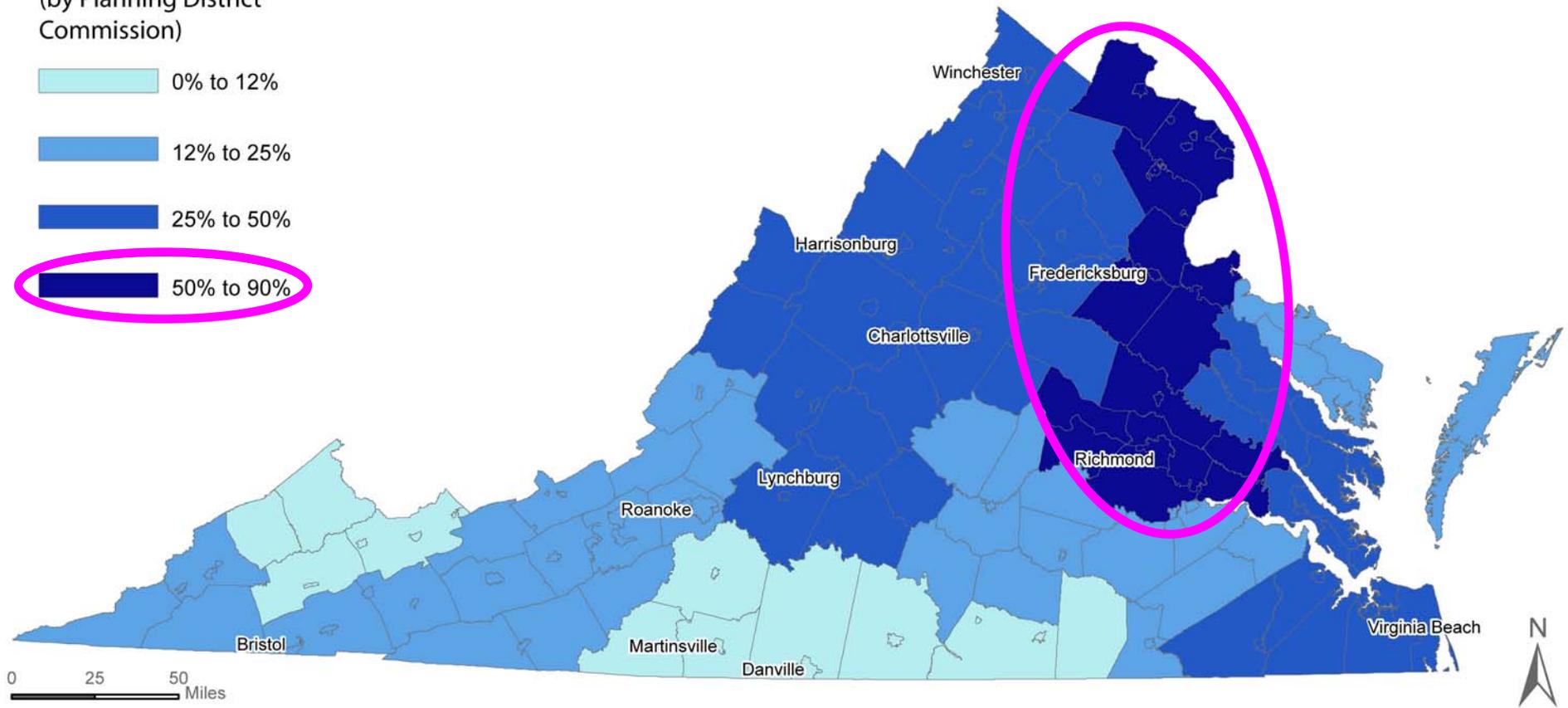
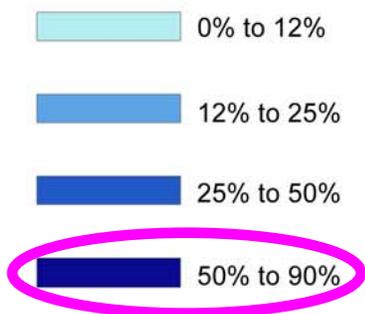


Fast-Growing Employment

Projected Rate of Employment Growth

2010 - 2035

(by Planning District Commission)

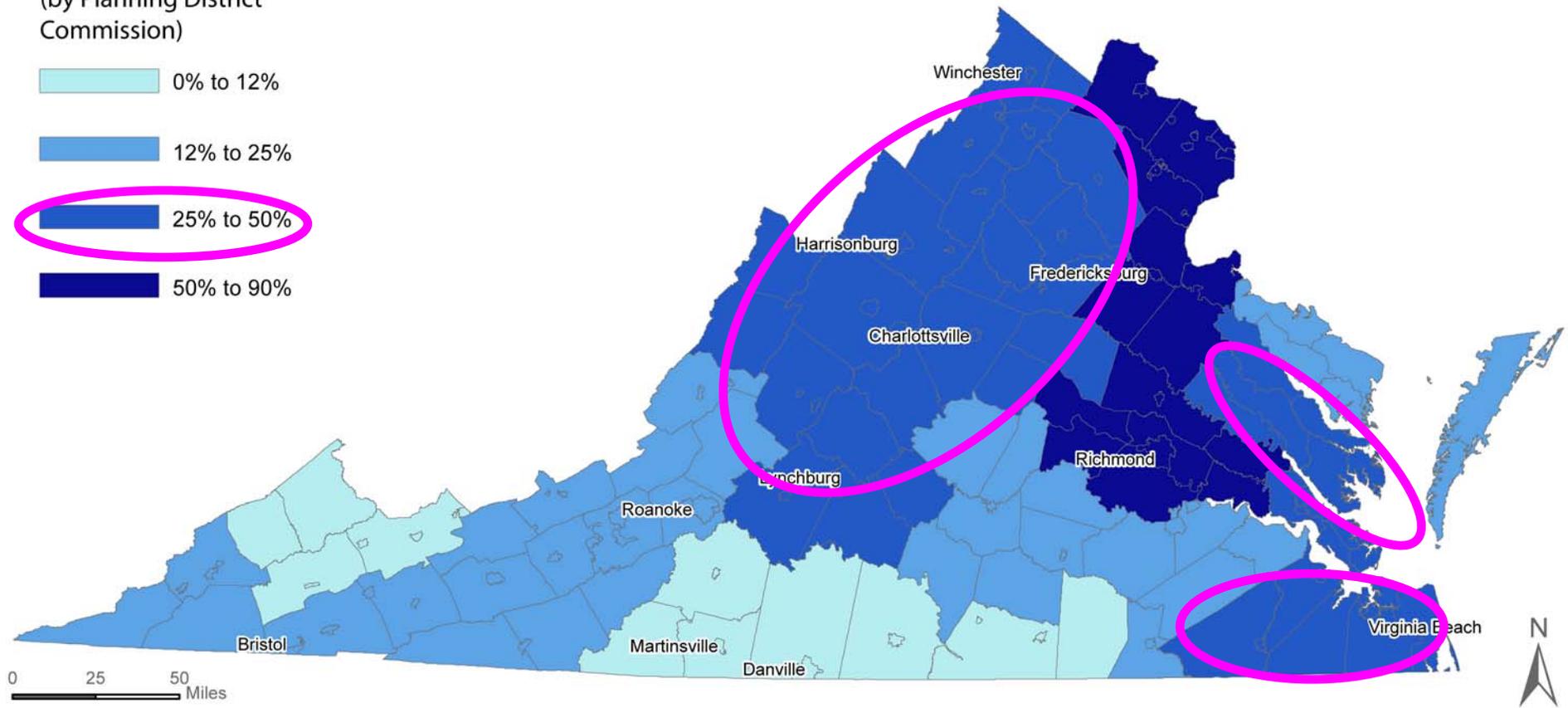


Emerging Employment Growth

Projected Rate of Employment Growth

2010 - 2035

(by Planning District Commission)



Future Emerging Employment Growth

Projected Rate of Employment Growth

2010 - 2035

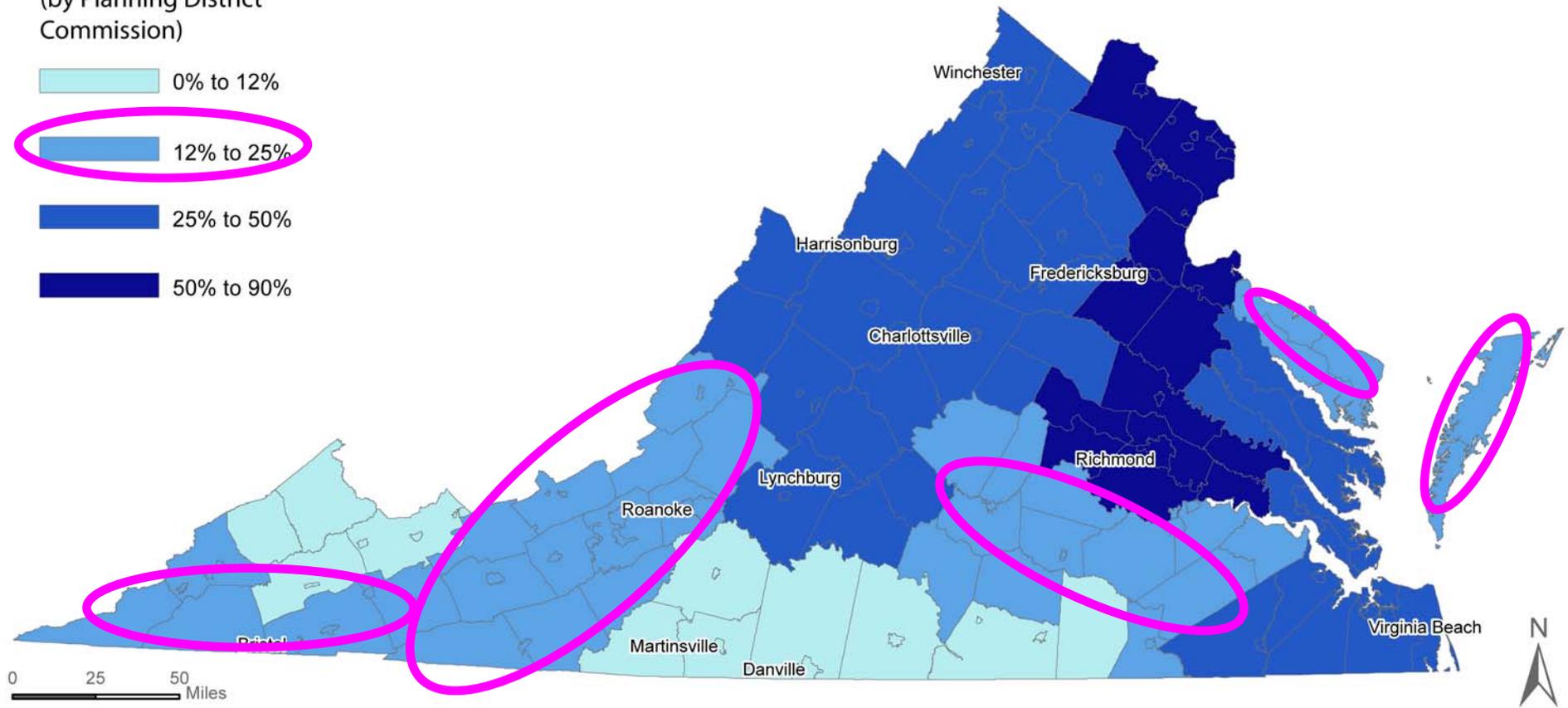
(by Planning District Commission)

0% to 12%

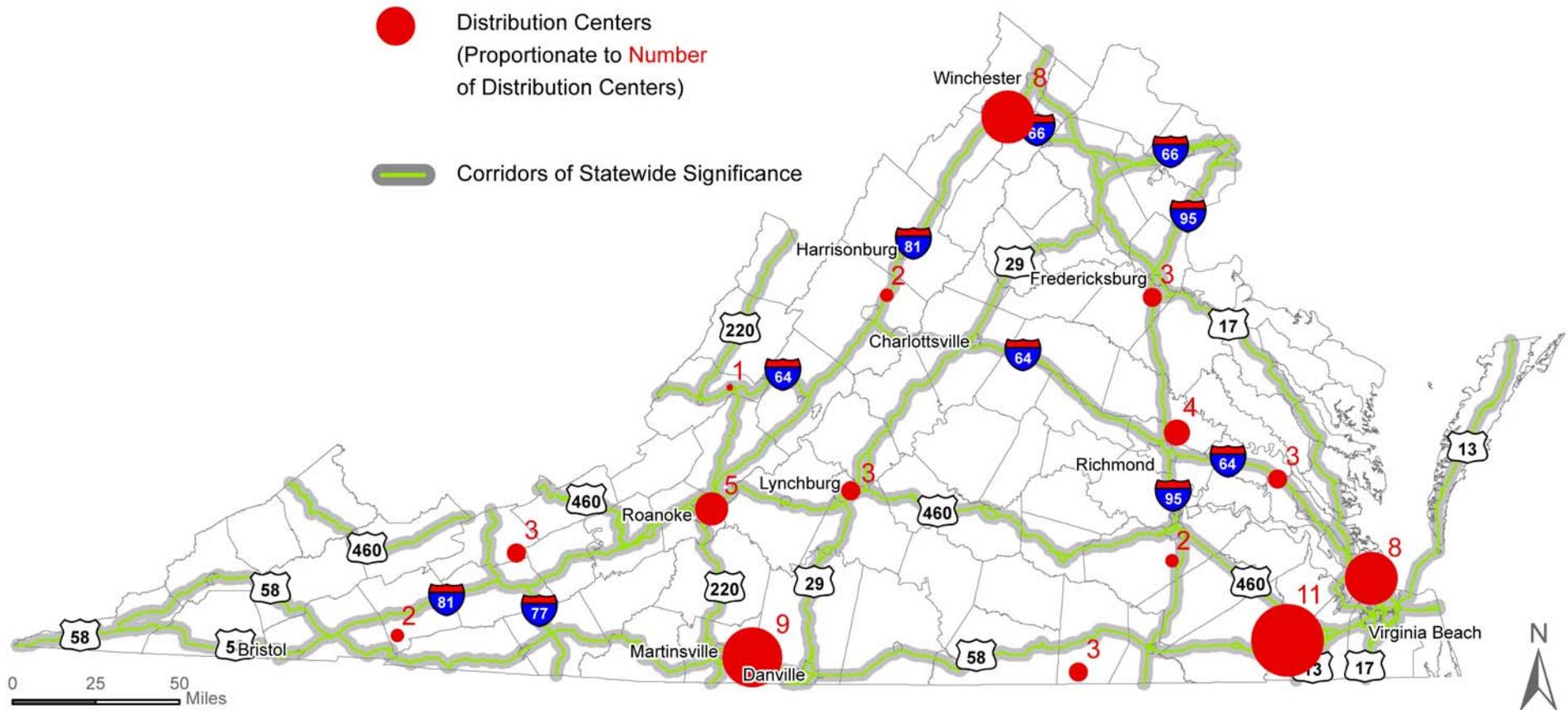
12% to 25%

25% to 50%

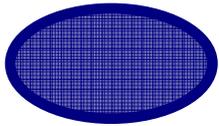
50% to 90%



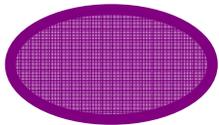
Major Distribution Centers



Fast Growing Areas

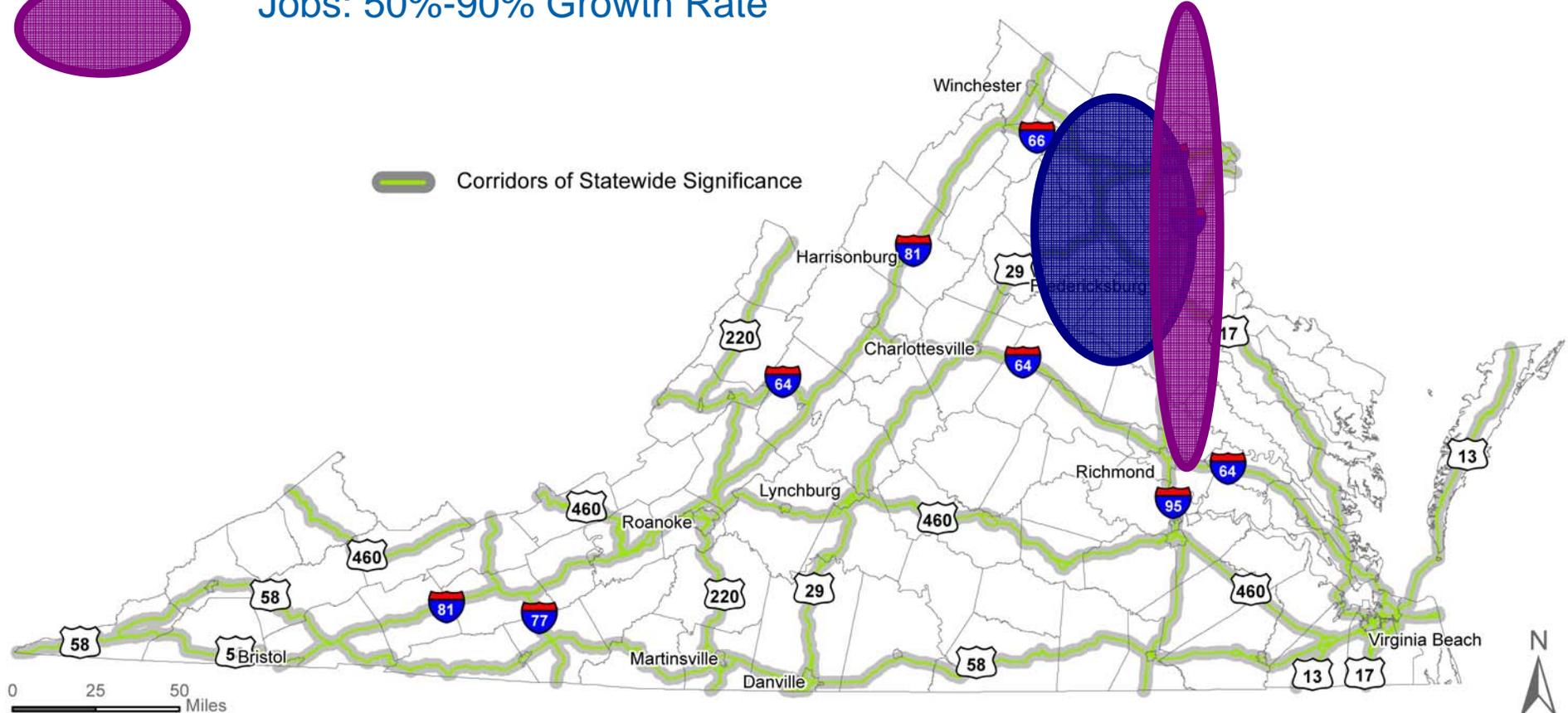


Households: 50%-80% Growth Rate



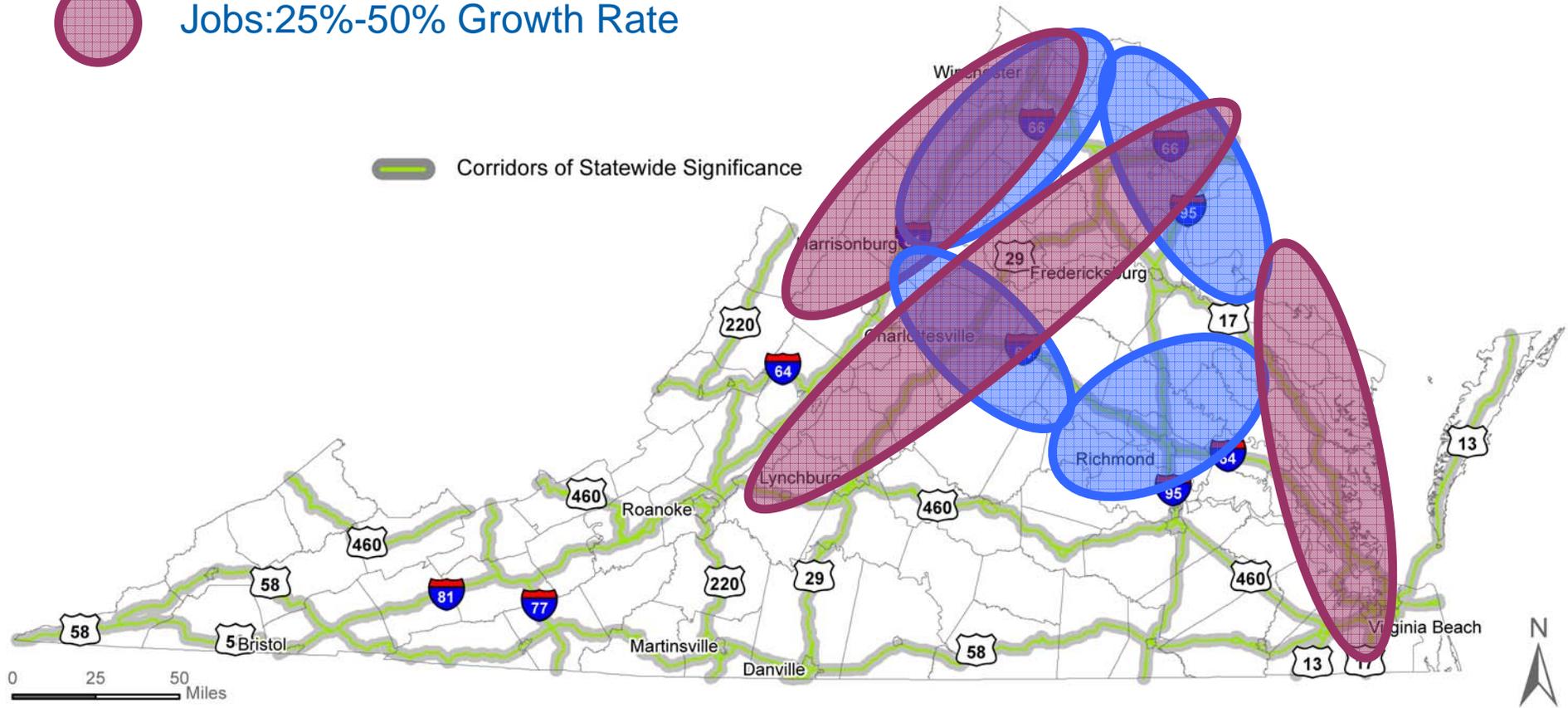
Jobs: 50%-90% Growth Rate

 Corridors of Statewide Significance



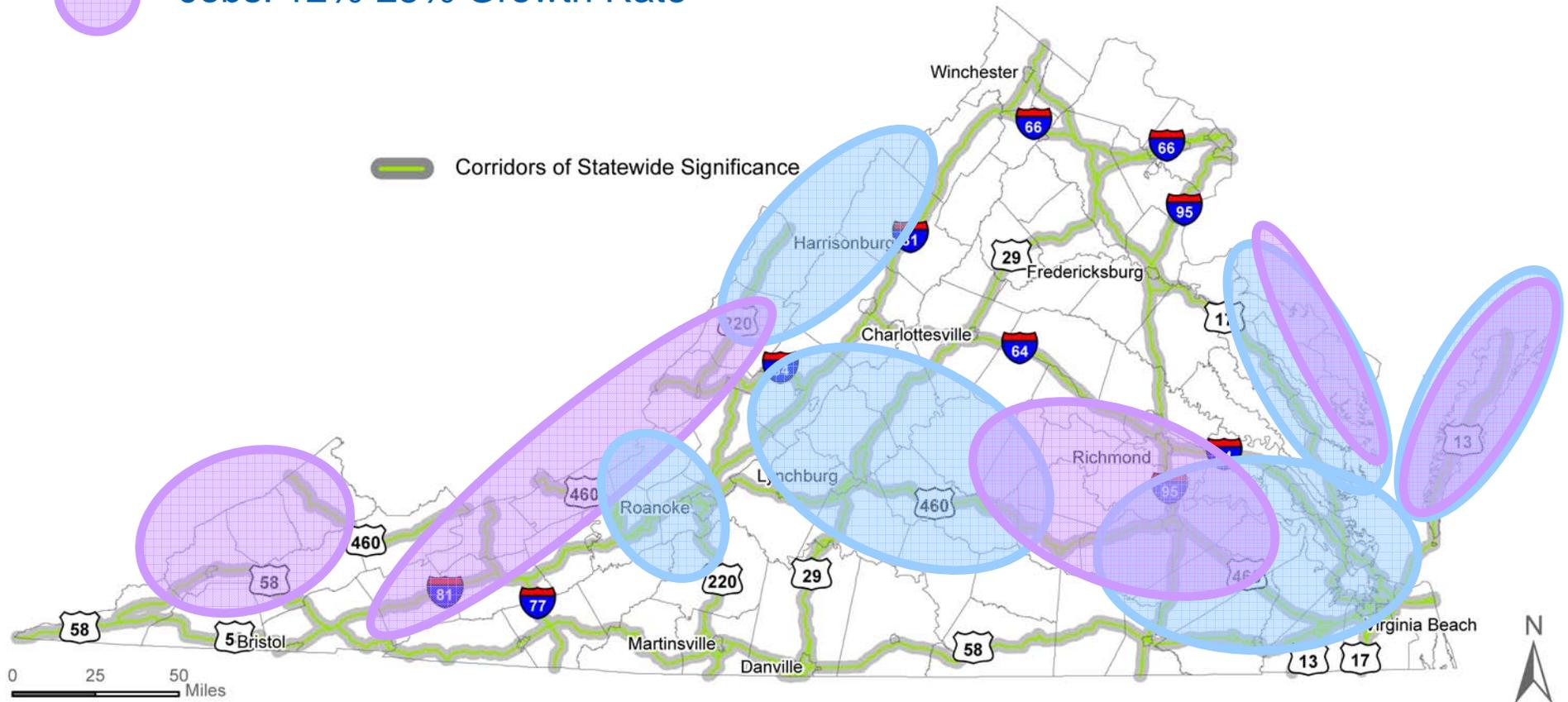
Emerging Areas

-  Households: 25%-50% Growth Rate
-  Jobs: 25%-50% Growth Rate



Future Emerging Areas

-  Households: 12%-25% Growth Rate
-  Jobs: 12%-25% Growth Rate



Questions To Consider

Fast-growing areas

- How is our supply of multi-modal transportation?
- Are we encouraging more density & proximity?

Emerging areas

- How can we preserve roadway capacity and expand transit?
- How can we focus growth in high-accessibility locations and improve accessibility in desired growth areas?

Future emerging areas

- What can we do to preserve future roadway capacity?
- How can we expand multi-modal options?
- How can we bring jobs and households closer together?

Distribution centers

- How can we support desired growth and enhance quality of life?
- What strategies apply to urban centers? What applies to rural communities?