COMMONWEALTH of VIRGINIA
Office of the
SECRETARY of TRANSPORTATION

VTrans Update: Needs Assessment Overview

Webinar Presentation

Jitender Ramchandani, OIPI

Thursday, May 30th, 2019

www.dmvNow.com

Virginia Department of Aviation

DRPT
Virginia Department of Rail and Public Transportation

MVDB
Motor Vehicle Dealer Board
COMMONWEALTH OF VIRGINIA

Virginia Port Authority

VDOT
Virginia Department of Transportation

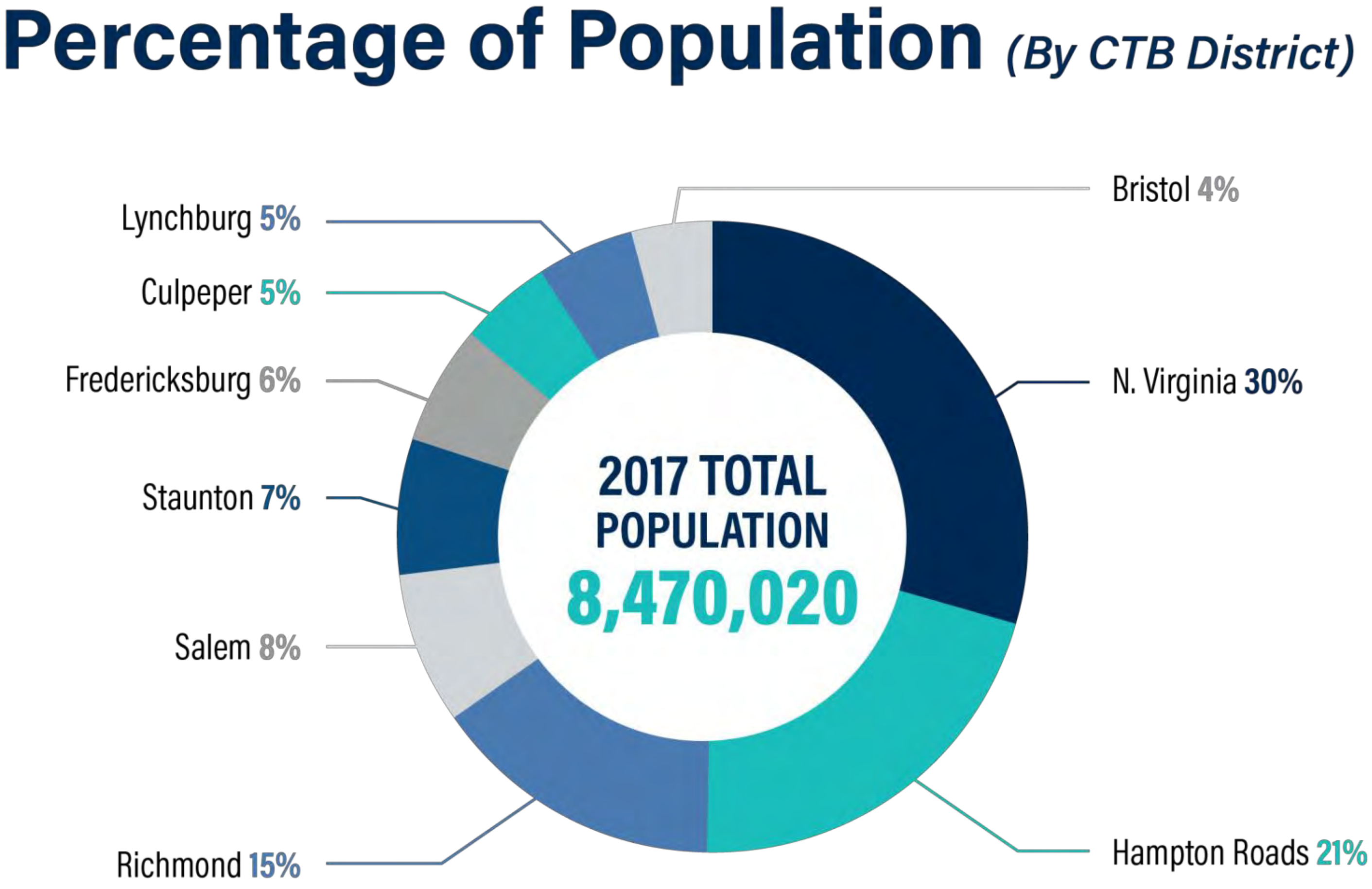
FEEDBACK REQUESTS CHECKLIST

- ☐ Share performance measures to be used for Needs Identification (today's webinar)
- ☐ Confirm activity centers (ongoing & July regional workshops)
- ☐ Confirm presence of UDAs and UDA contacts (ongoing with localities)

TRANSPORTATION'S ROLE IN ECONOMY

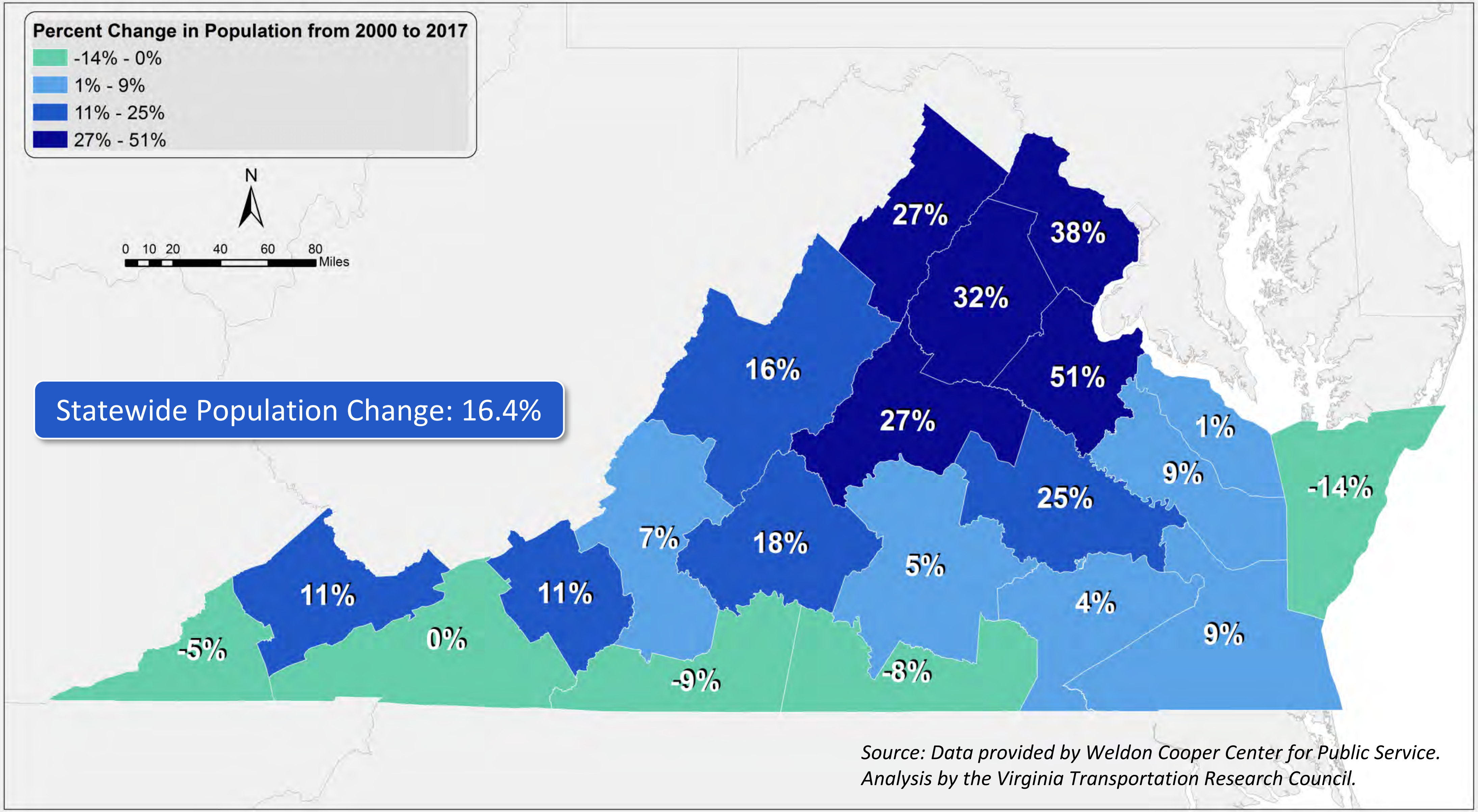
- Population and employment trends provide insight to transportation demand:
  - Economic model is changing – some businesses are choosing locations based on quality of life (workers prefer walkable places to live and work)
  - Different industry clusters have different transportation modal demand
  - Transportation plays an important role in attracting future workforce
  - Generational values/expectations guide where people choose to live and work

DEMOGRAPHIC TRENDS: POPULATION BY CTB DISTRICT



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

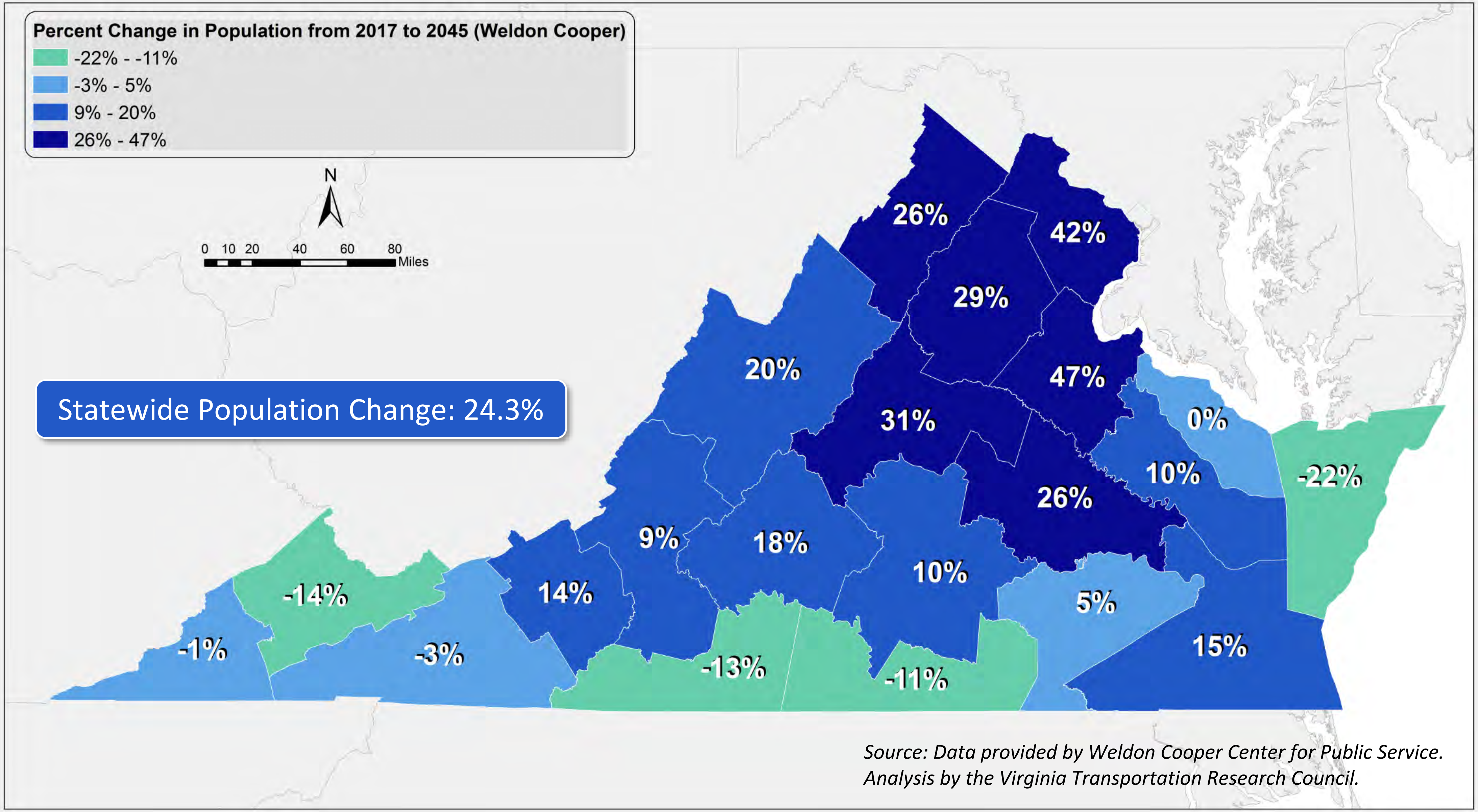
DEMOGRAPHIC TRENDS: POPULATION CHANGE BY PDCS – 2000-2017


Percent Change in Population from 2000 to 2017
-14% - 0%
1% - 9%
11% - 25%
27% - 51%
N
0 10 20 40 60 80 Miles
27%
38%
32%
16%
51%
27%
1%
9%
25%
-14%
7%
18%
5%
11%
11%
4%
9%
0%
-5%
-9%
-8%

Statewide Population Change: 16.4%

Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

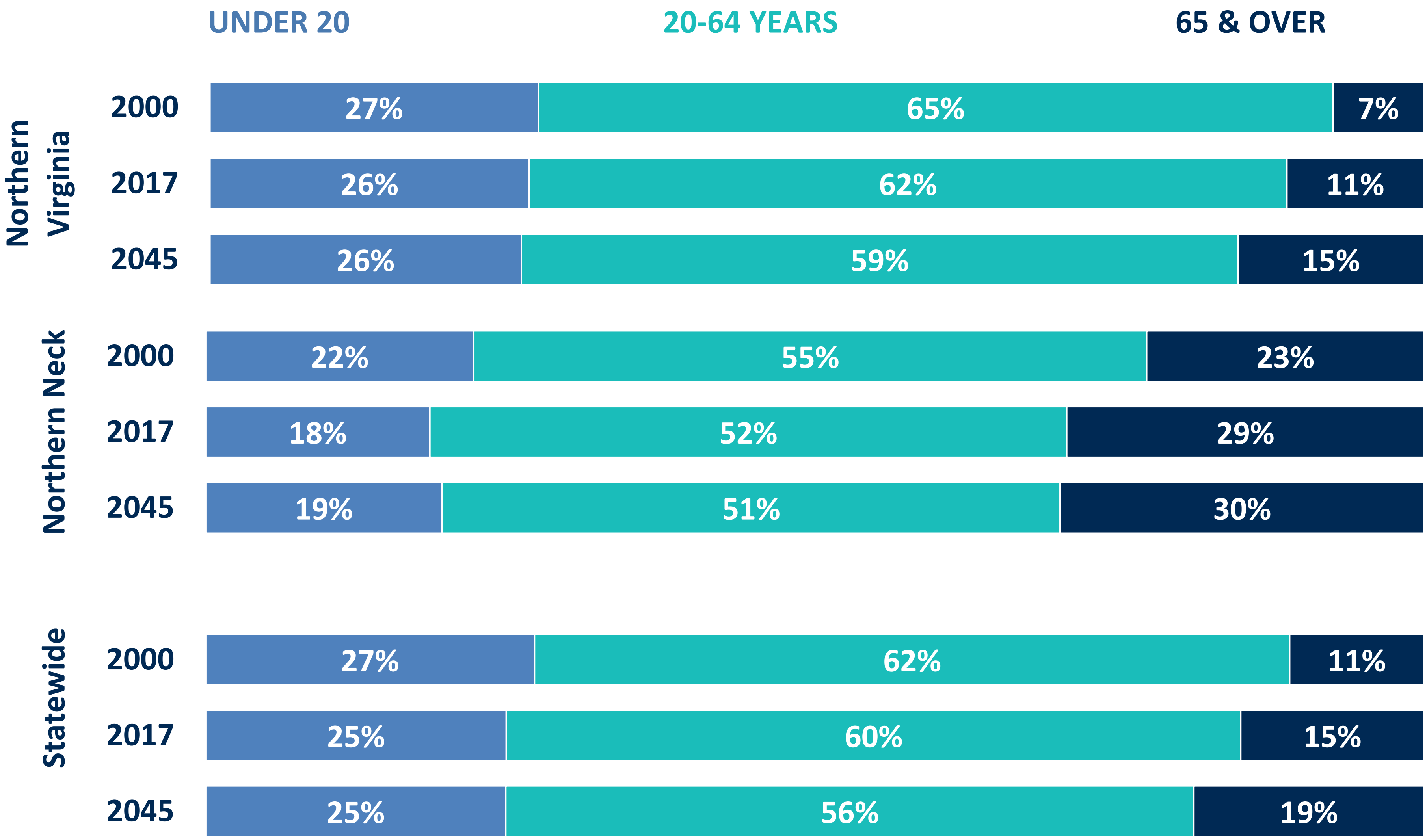
DEMOGRAPHIC TRENDS: POPULATION CHANGE BY PDCS – 2017-2045


Percent Change in Population from 2017 to 2045 (Weldon Cooper)
-22% - -11%
-3% - 5%
9% - 20%
26% - 47%
N
0
10
20
40
60
80
Miles
26%
42%
29%
20%
47%
31%
0%
10%
-22%
26%
9%
18%
10%
14%
-14%
5%
15%
-1%
-3%
-13%
-11%

Statewide Population Change: 24.3%

Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

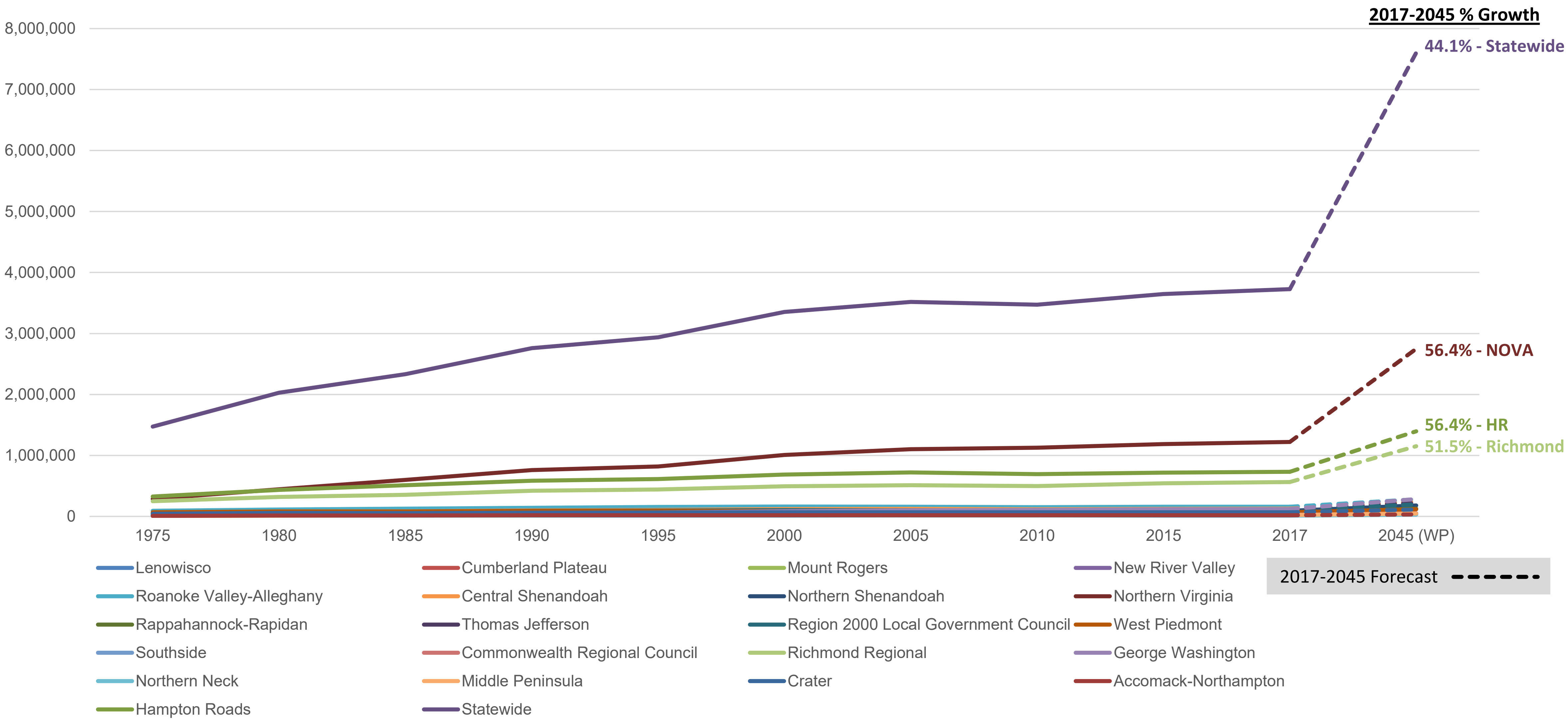
DEMOGRAPHIC TRENDS: EXAMPLE AGE DISTRIBUTION BY PDC



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

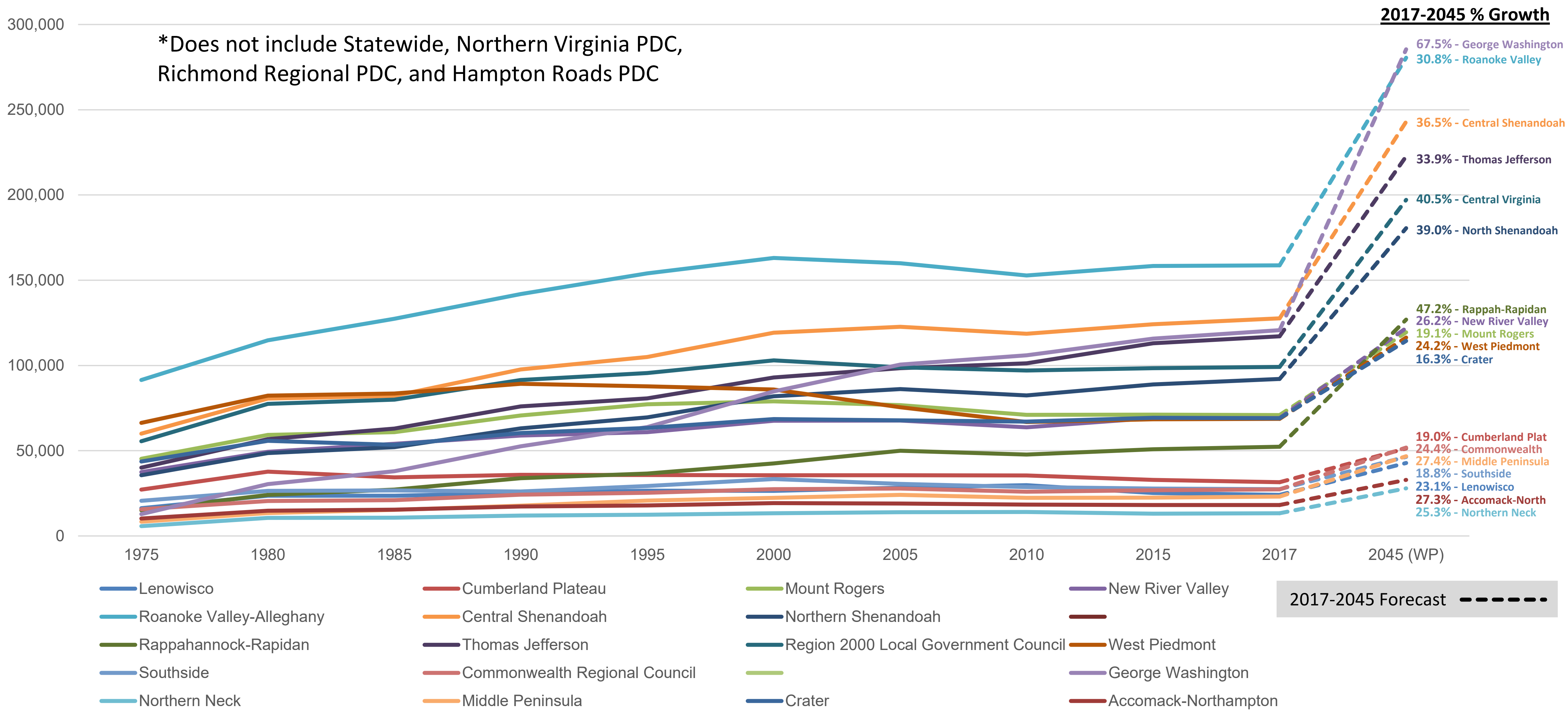
DEMOGRAPHIC TRENDS: EMPLOYMENT BY PDC – 1975 TO 2045



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

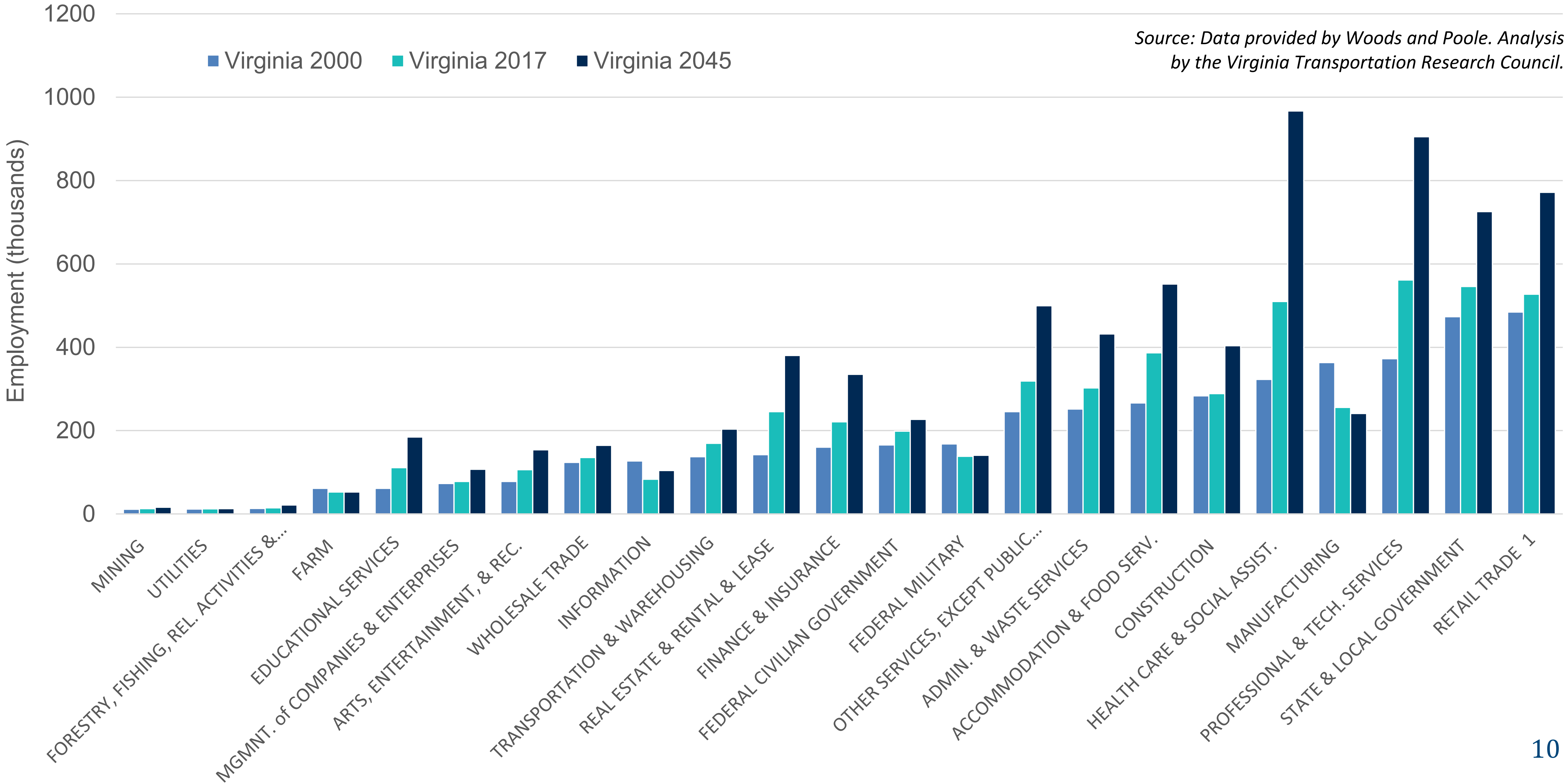
DEMOGRAPHIC TRENDS: EMPLOYMENT BY PDC – 1975 TO 2045*


*Does not include Statewide, Northern Virginia PDC, Richmond Regional PDC, and Hampton Roads PDC

VTRANS | VIRGINIA'S TRANSPORTATION PLAN

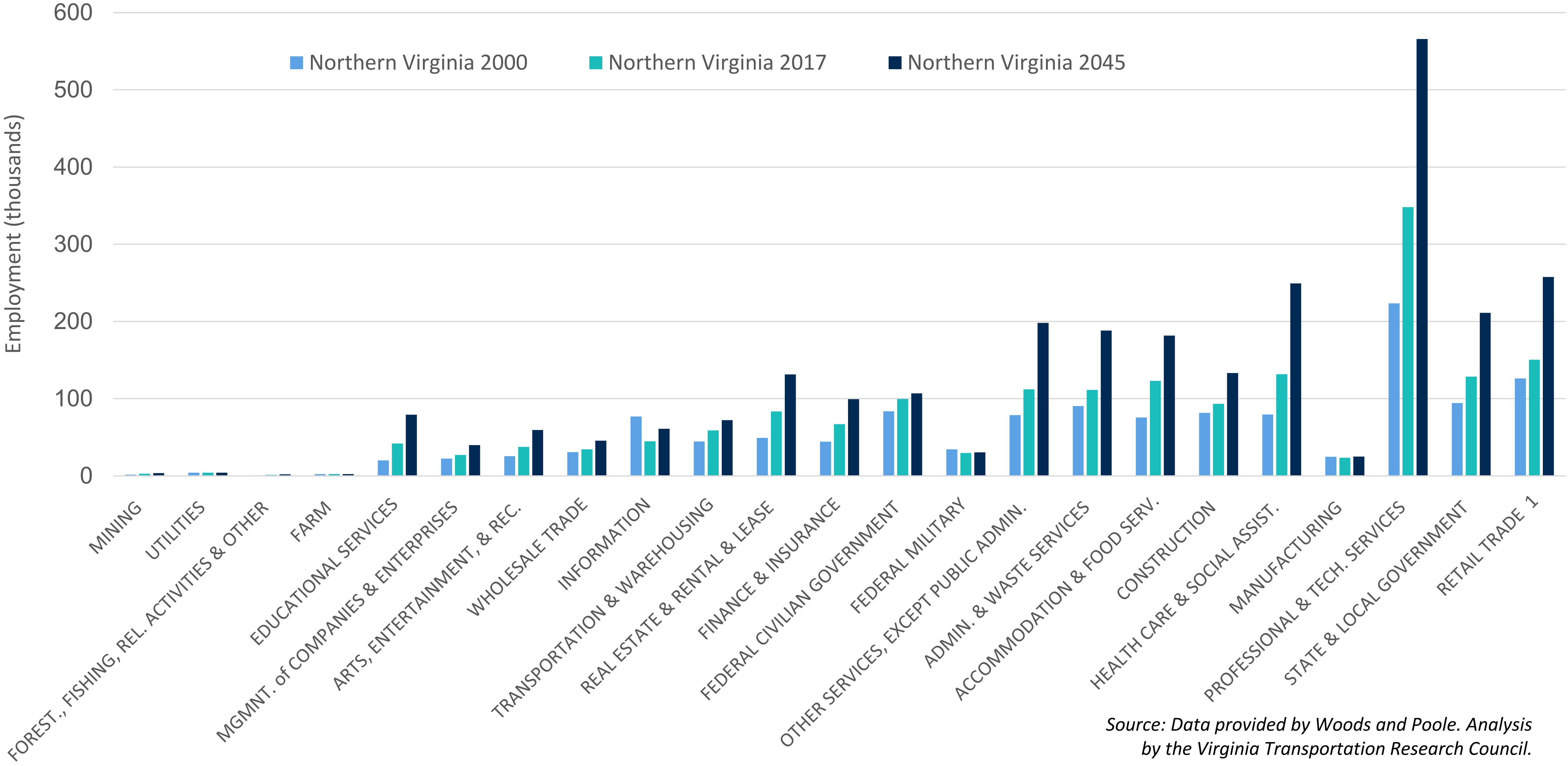
Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: STATEWIDE EMPLOYMENT BY INDUSTRY



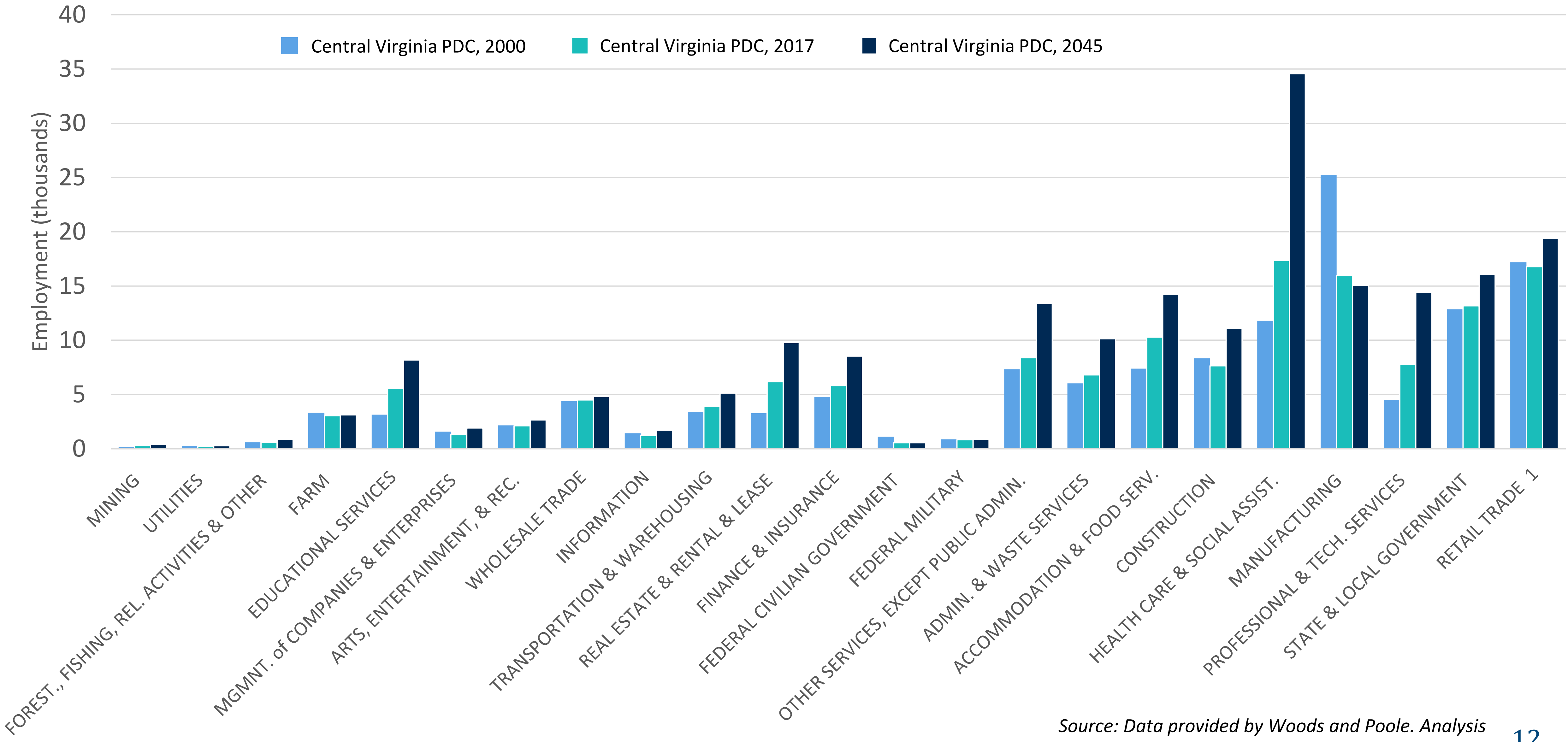
Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: EXAMPLE PDC EMPLOYMENT BY INDUSTRY



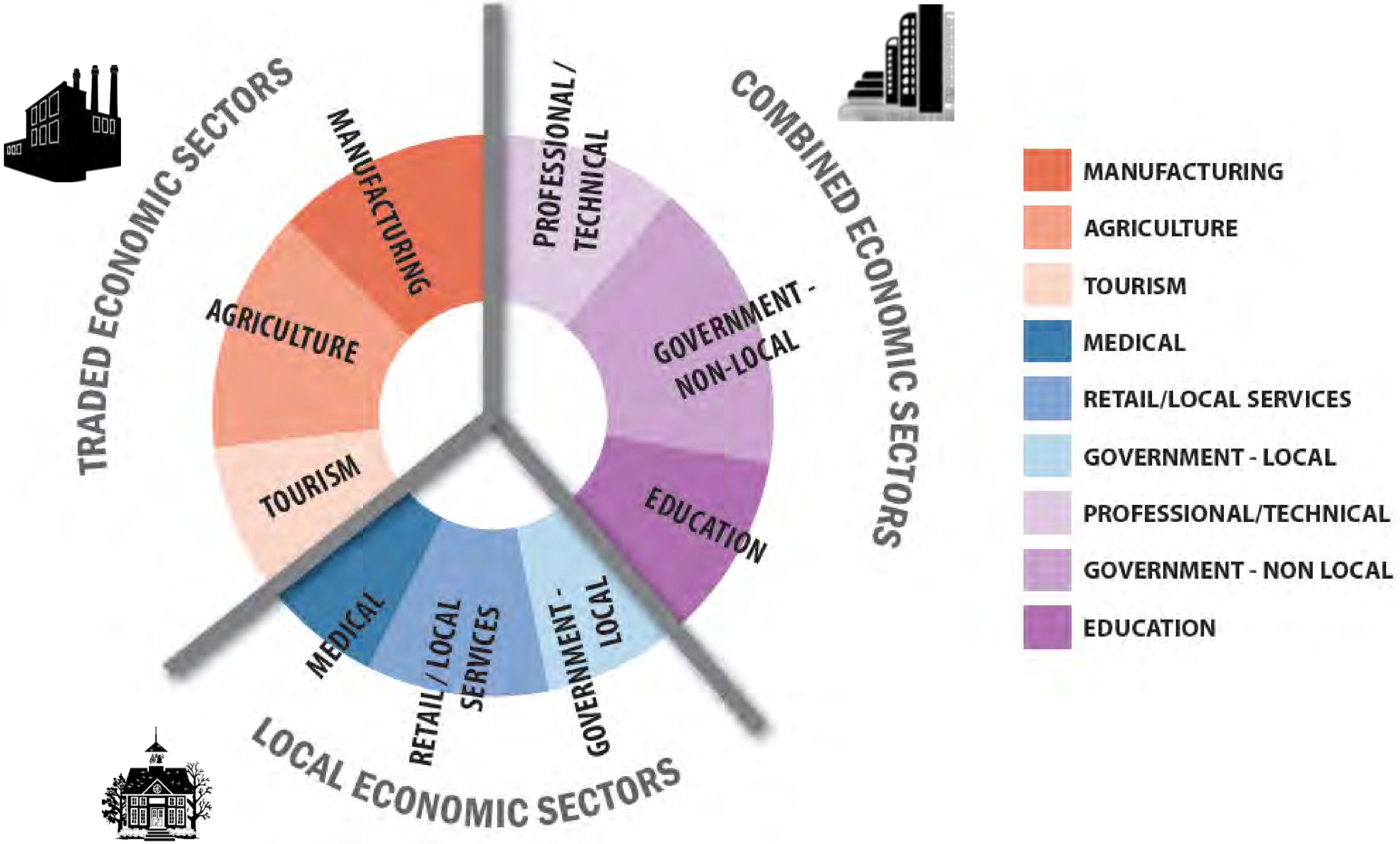
Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: EXAMPLE PDC EMPLOYMENT BY INDUSTRY



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

ECONOMIC-TRANSPORTATION LINKAGES | INDUSTRY CLUSTERS


TRADED ECONOMIC SECTORS
MANUFACTURING
AGRICULTURE
TOURISM
PROFESSIONAL / TECHNICAL
GOVERNMENT - NON-LOCAL
EDUCATION
COMBINED ECONOMIC SECTORS
MEDICAL
RETAIL / LOCAL SERVICES
GOVERNMENT - LOCAL
LOCAL ECONOMIC SECTORS
MANUFACTURING
AGRICULTURE
TOURISM
MEDICAL
RETAIL/LOCAL SERVICES
GOVERNMENT - LOCAL
PROFESSIONAL/TECHNICAL
GOVERNMENT - NON LOCAL
EDUCATION

ECONOMIC-TRANSPORTATION LINKAGES | TRANSPORTATION

Different industry clusters have different *Needs*, *Opportunities* and *Constraints* for efficient transportation

Knowledge-Based

- Mixed-use development
- Walking between destinations
- Traditional peak commute times
- Airport access

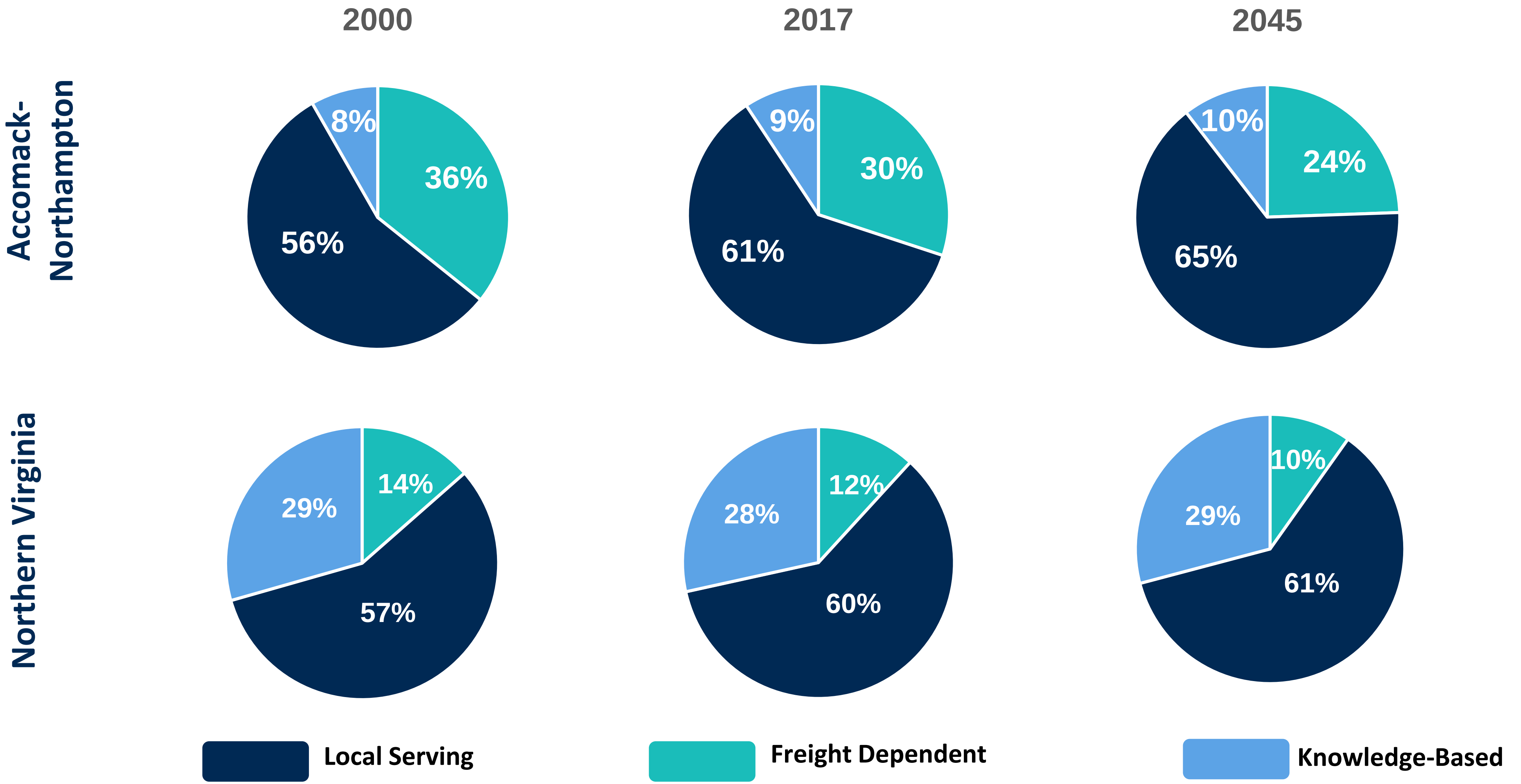
Local Serving

- Different peak commute times
- Customer traffic
- Trip-chaining destinations
- Truck deliveries

Freight Dependent

- Shift hours
- Truck origins and destinations
- Rail, port and/or airport access
- Remote locations

DEMOGRAPHIC TRENDS: EXAMPLE PDC EMPLOYMENT BY INDUSTRY



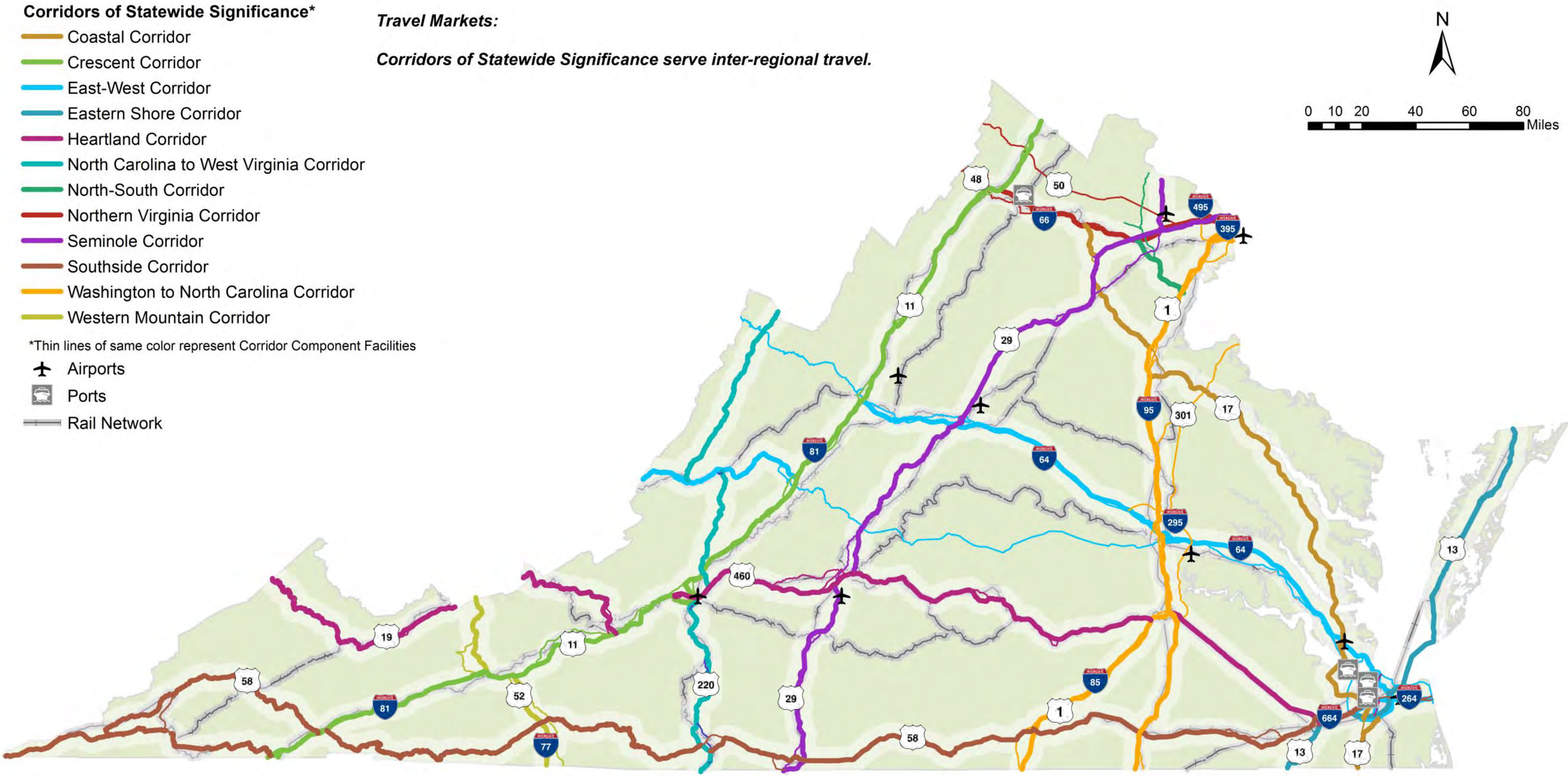
Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council and OIPI.

TRAVEL MARKETS OVERVIEW

- **Corridors of Statewide Significance (CoSS)** [Code of Virginia § 33.2-35]
  - Serve inter-regional travel
- **Regional Networks** [Code of Virginia in in § 33.2-353]
  - Serve commuters, intra-regional, and local travel
- **Urban Development Areas (UDA)** [Code of Virginia § 33.2-353 and § 15.2-2223.1]
  - Designated by local governments
  - Intended to promote walkable development and traditional neighborhood design

Travel Markets:

Corridors of Statewide Significance serve inter-regional travel.


Corridors of Statewide Significance*
Coastal Corridor
Crescent Corridor
East-West Corridor
Eastern Shore Corridor
Heartland Corridor
North Carolina to West Virginia Corridor
North-South Corridor
Northern Virginia Corridor
Seminole Corridor
Southside Corridor
Washington to North Carolina Corridor
Western Mountain Corridor
*Thin lines of same color represent Corridor Component Facilities
Airports
Ports
Rail Network
N
0 10 20 40 60 80
Miles
48
50
495
66
395
11
1
29
17
301
95
81
64
295
64
13
460
19
11
58
81
52
77
220
29
85
1
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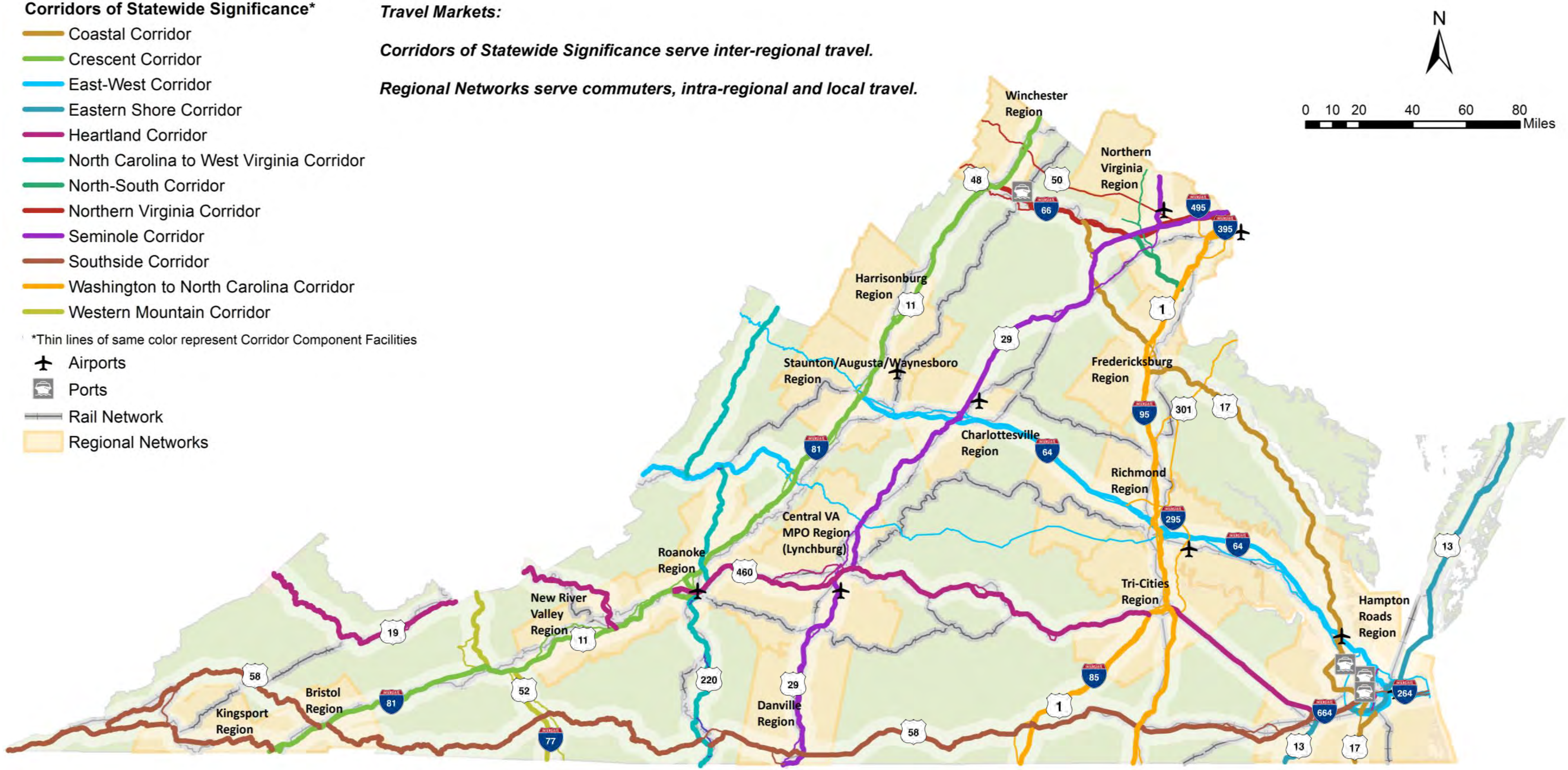
664
13
17
264

Travel Markets:

Corridors of Statewide Significance serve inter-regional travel.

Regional Networks serve commuters, intra-regional and local travel.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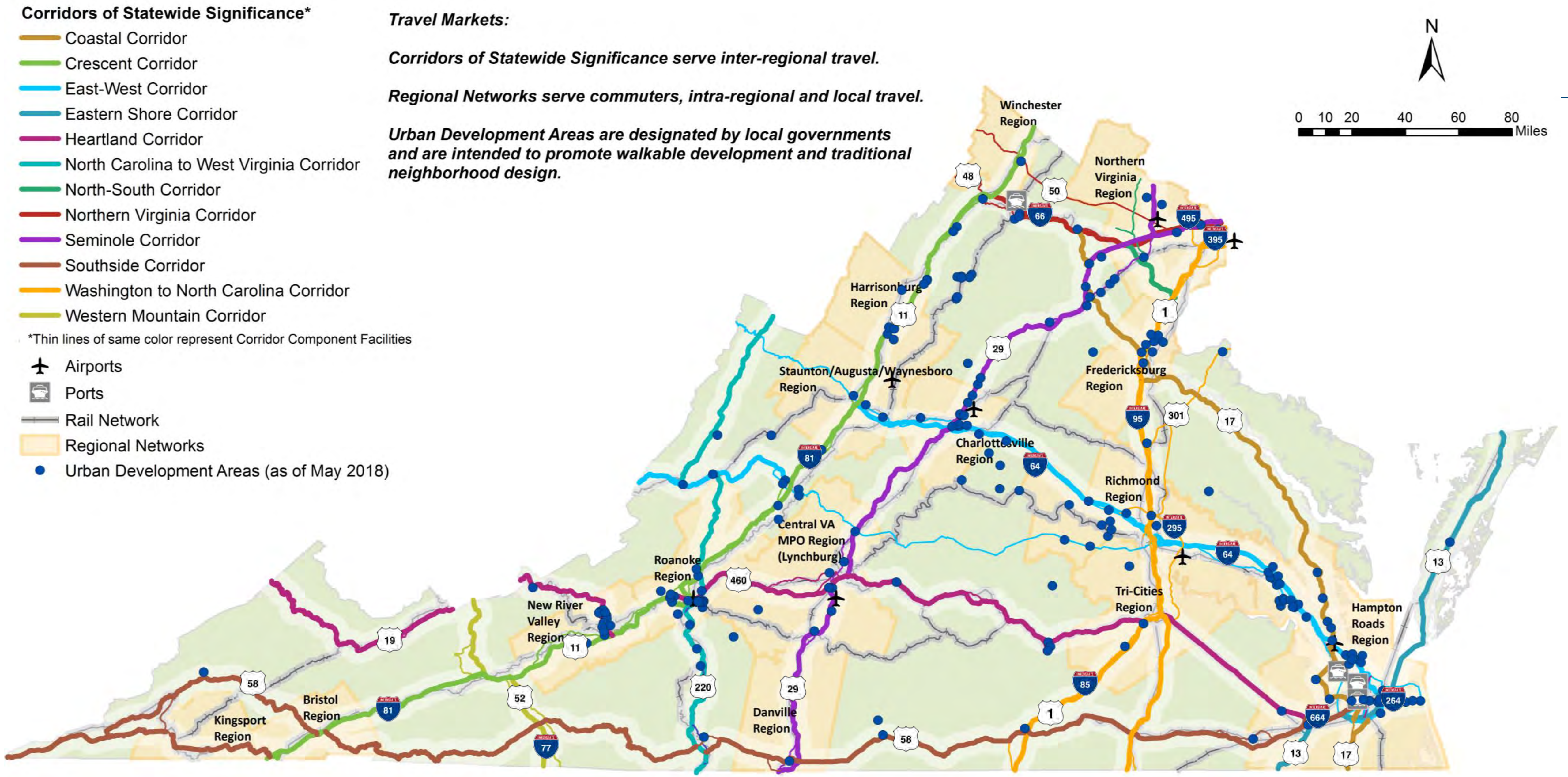
North-South Corridor
Northern Virginia Corridor
Seminole Corridor
Southside Corridor
Washington to North Carolina Corridor
Western Mountain Corridor
*Thin lines of same color represent Corridor Component Facilities
Airports
Ports
Rail Network
Regional Networks
N
0 10 20 40 60 80 Miles
Winchester Region
Northern Virginia Region
Harrisonburg Region
Staunton/Augusta/Waynesboro Region
Fredericksburg Region
Charlottesville Region
Richmond Region
Central VA MPO Region (Lynchburg)
Roanoke Region
New River Valley Region
Tri-Cities Region
Hampton Roads Region
Bristol Region
Kingsport Region
Danville Region
48
50
66
495
395
11
1
29
81
64
95
301
17
295
13
460
19
220
85
52
58
77
664
264

Travel Markets:

Corridors of Statewide Significance serve inter-regional travel.

Regional Networks serve commuters, intra-regional and local travel.

Urban Development Areas are designated by local governments and are intended to promote walkable development and traditional neighborhood design.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North Carolina to West Virginia Corridor
North-South Corridor
Northern Virginia Corridor
Seminole Corridor
Southside Corridor
Washington to North Carolina Corridor
Western Mountain Corridor
*Thin lines of same color represent Corridor Component Facilities
Airports
Ports
Rail Network
Regional Networks
Urban Development Areas (as of May 2018)
N
0 10 20 40 60 80 Miles
Winchester Region
Northern Virginia Region
Harrisonburg Region
Staunton/Augusta/Waynesboro Region
Fredericksburg Region
Charlottesville Region
Richmond Region
Central VA MPO Region (Lynchburg)
Roanoke Region
New River Valley Region
Tri-Cities Region
Hampton Roads Region
Bristol Region
Kingsport Region
Danville Region
48
50
66
495
395
11
29
1
301
17
95
64
295
13
81
460
19
58
52
77
220
85
664
264

MID-TERM NEEDS | METHODOLOGY & MEASURES

Mid-Term Needs Approach:

- Validate and build upon needs identified in VTrans2040
- Introduce new/improved data sources and new measures in line with federal performance reporting requirements
- Tie measures to VTrans Goals and Objectives
- Coordinate with regional and local stakeholders to update needs

MID-TERM NEEDS | METHODOLOGY & MEASURES

Mid-Term Needs Approach by Travel Markets:

- CoSS – more data-driven, smaller segments than last time
- RN – build on VTrans2040, verify, update, confirm/revise
- UDA – build on VTrans2040, verify, update, confirm/revise
- Safety – Potential for Safety Improvements (PSI)

TRAVEL MARKETS & MID-TERM NEEDS ANALYSIS

	CoSS	Regional Networks	UDA	Safety (Statewide)
Starting Point	Full Analysis of CoSS	VTrans2040 RN needs	VTrans2040 UDA needs	Full analysis of PSI locations
How will measures be used?	Identification of new needs	Validation of previously identified needs and identification of new needs	Needs must support UDA legislative requirements ([§ 15.2-2223.1](§ 15.2-2223.1))	Identification of new needs
Stakeholder engagement required	Review and comment on identified needs	Regional workshops for needs identification with MPOs, PDCs, and localities	Survey/Needs questionnaire with localities	Review and comment on identified needs

VTRANS GOALS

VTrans2040 Goals

- Goal A: Economic Competitiveness and Prosperity
- Goal B: Accessible and Connected Places
- Goal C: Safety for All Users
- Goal D: Proactive System Management
- Goal E: Healthy Communities and Sustainable Transportation Communities

DRAFT - MID-TERM NEEDS IDENTIFICATION MEASURES

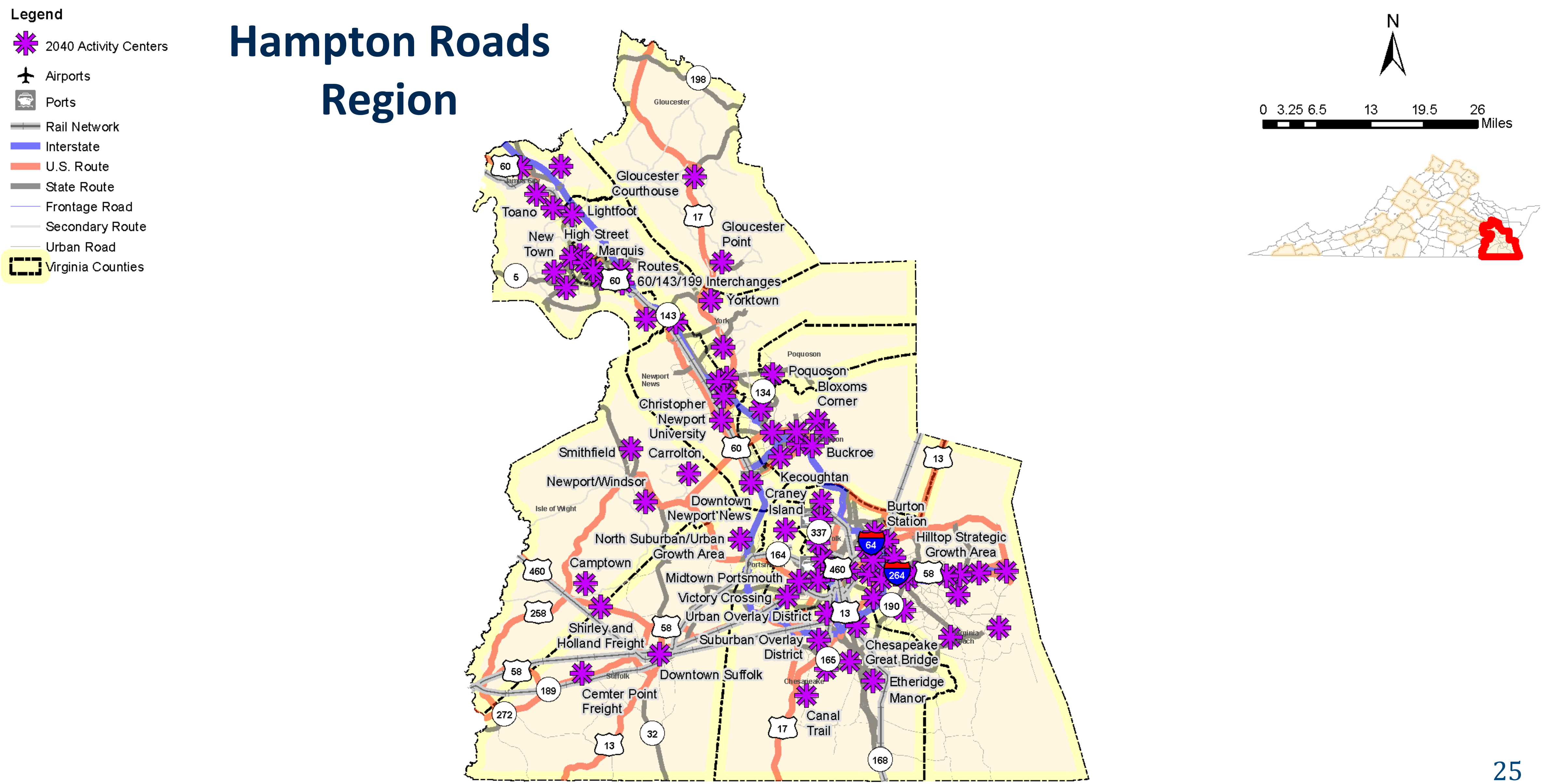
Goal	Mid-Term Needs Measures	CoSS	Regional Network	UDA	Safety
A	Throughput	✓			
A	Travel Time	✓	✓*		
A	Person Delay During Unreliable Conditions (PDDUC)**	✓			
A	Interstate: Heavy/medium truck*** vehicle hours of delay per lane mile	✓			
B	[Accessibility measures – to be determined]		✓		
B	Disadvantaged communities beyond ¼ mile access to transit		✓		
C	PSI – Potential for safety improvements, (top X percentile and with minimum of Y crashes)	✓	✓		✓

*** Based on availability of data**
**** Multiply the volume by the travel time beyond the 50th percentile for segment and time period**
***** Vehicles defined in federal vehicle classification scheme as Class 5 or greater**

VTRANS | VIRGINIA'S TRANSPORTATION PLAN

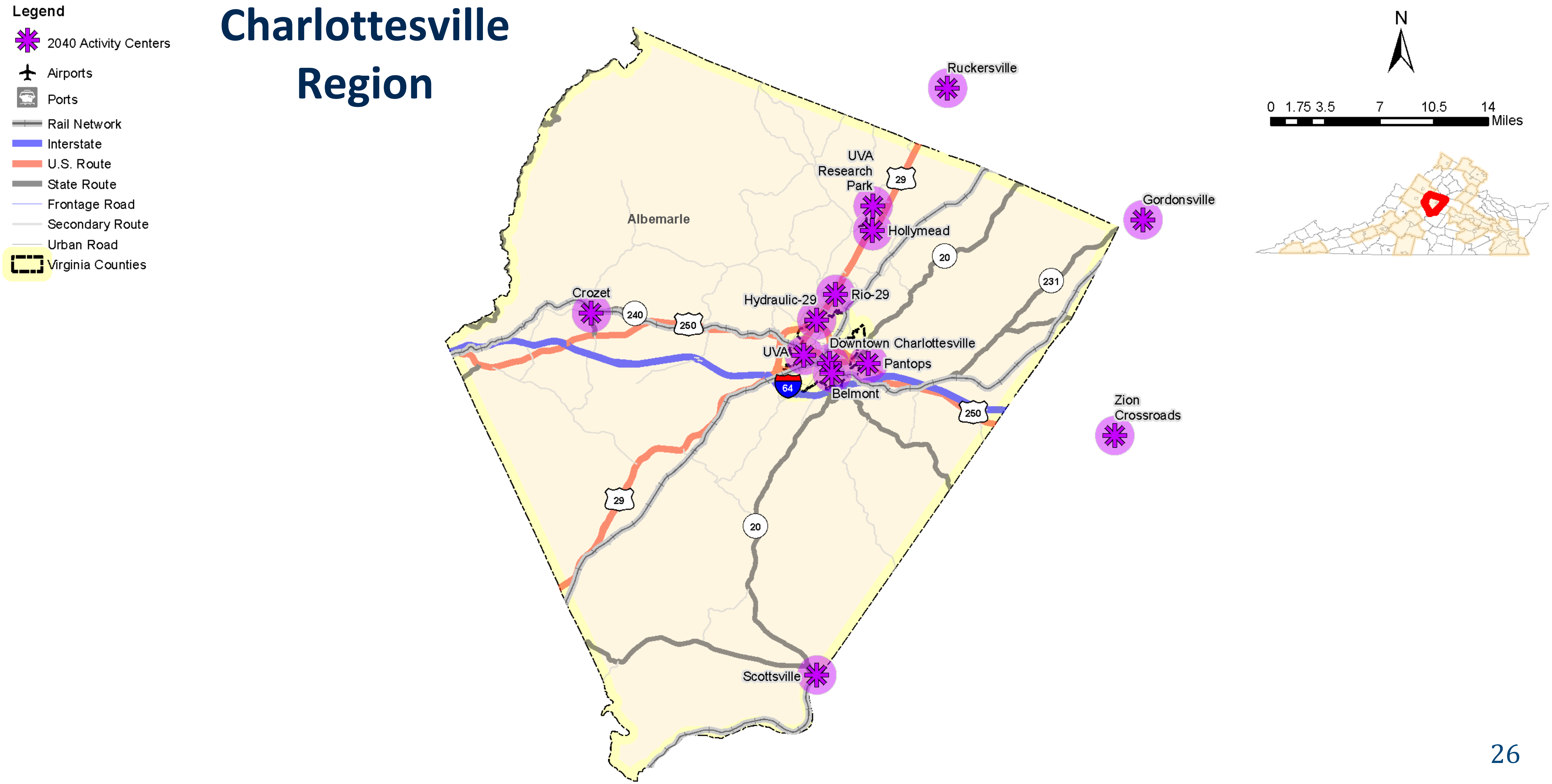
REGIONAL NETWORKS | EXAMPLE ACTIVITY CENTERS

Hampton Roads Region


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 3.25 6.5 13 19.5 26
Miles
Gloucester
198
60
Gloucester Courthouse
Toano
Lightfoot
17
Gloucester Point
New Town
High Street
Marquis
Routes 60/143/199 Interchanges
5
60
Yorktown
143
York
Poquoson
Poquoson
Bloxoms Corner
Newport News
134
Christopher Newport University
Smithfield
Carrolton
60
Buckroe
13
Newport/Windsor
Kecoughtan
Isle of Wight
Downtown Newport News
Craney Island
Burton Station
337
64
Hilltop Strategic Growth Area
North Suburban/Urban Growth Area
164
Camptown
460
460
264
58
Midtown Portsmouth
Victory Crossing
190
258
Urban Overlay District
13
Shirley and Holland Freight
58
Suburban Overlay District
Chesapeake Great Bridge
165
58
Suffolk
Downtown Suffolk
Chesapeake
Etheridge Manor
189
Cemter Point Freight
Canal Trail
272
32
17
13
168

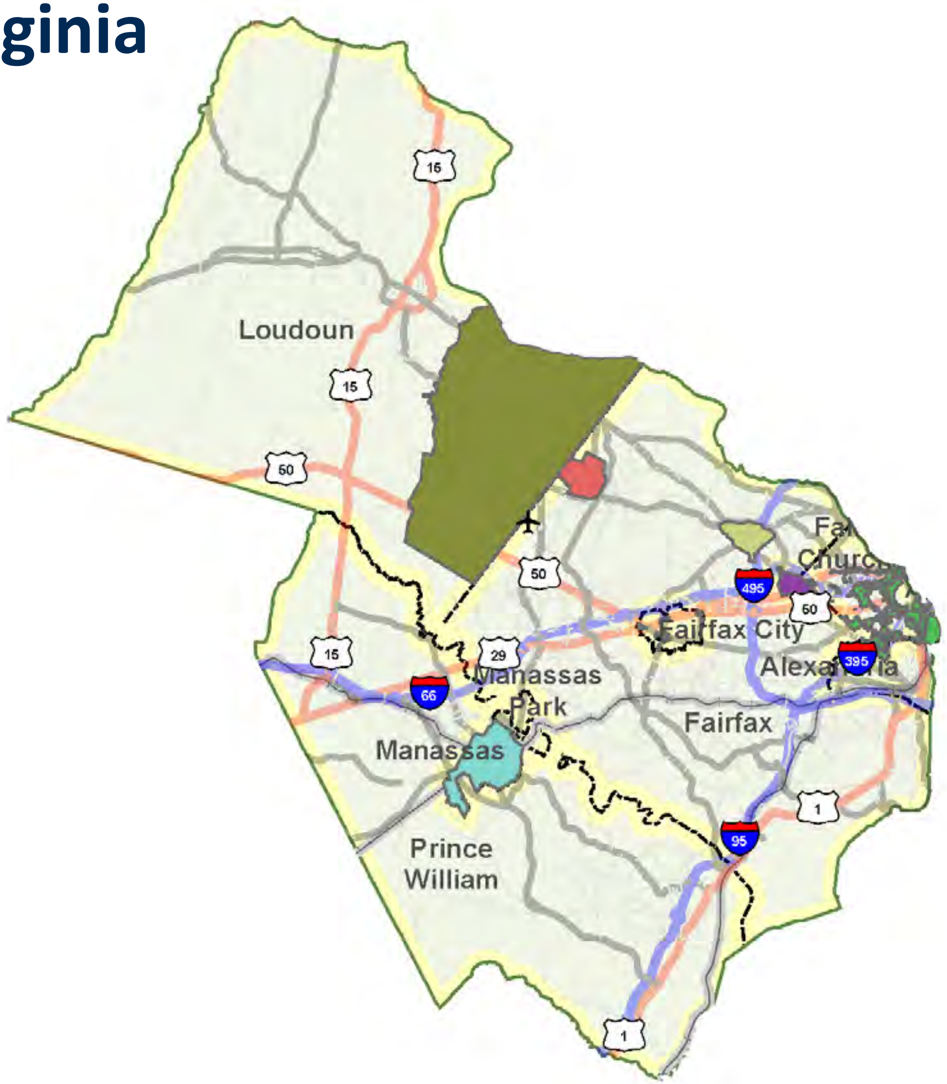
REGIONAL NETWORKS | EXAMPLE ACTIVITY CENTERS

Charlottesville Region


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
Albemarle
Ruckersville
UVA Research Park
Hollymead
Gordonsville
Crozet
Hydraulic-29
Rio-29
UVA
Downtown Charlottesville
Pantops
Belmont
Zion Crossroads
Scottsville
29
20
231
240
250
64
N
0 1.75 3.5 7 10.5 14
Miles

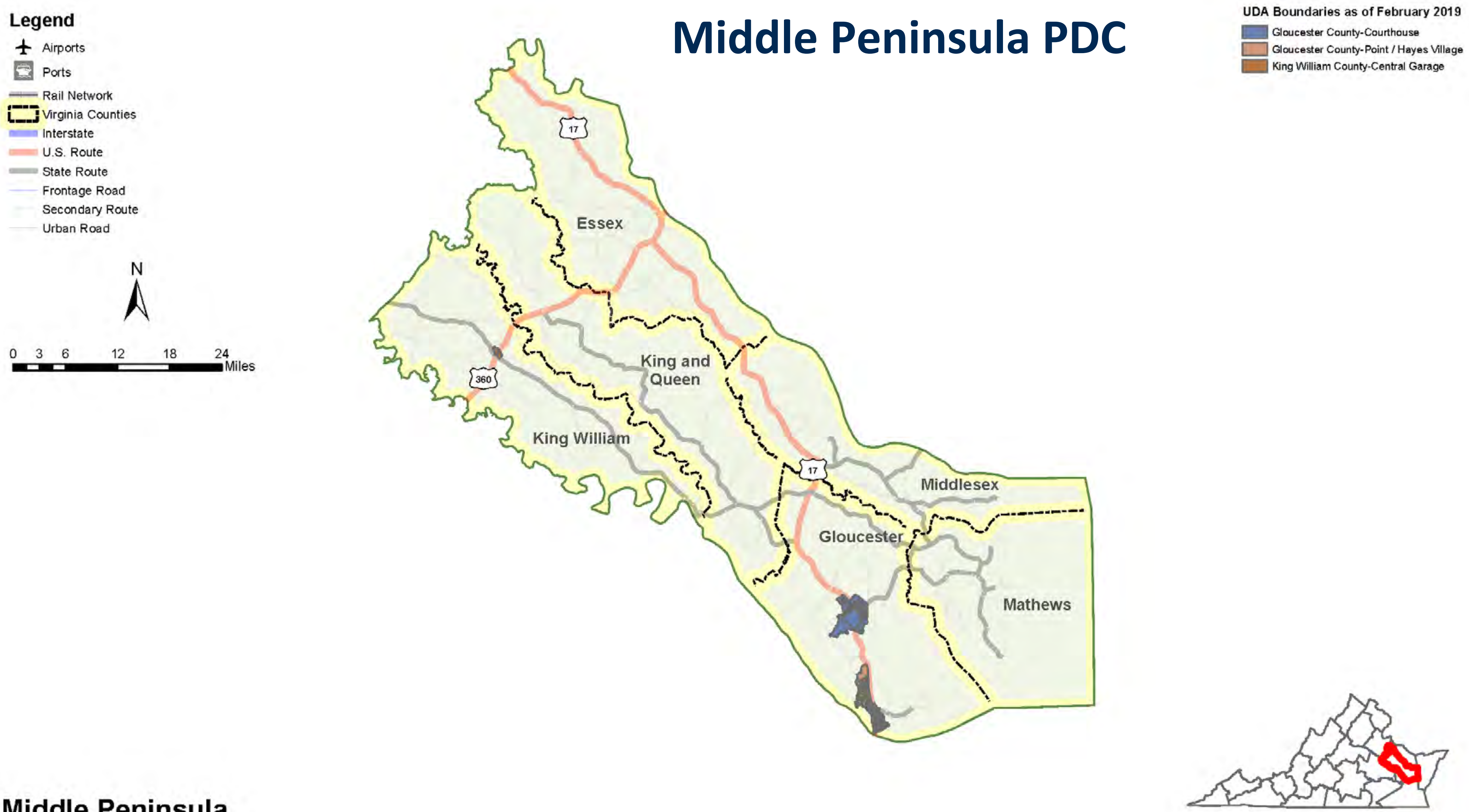
EXAMPLE URBAN DEVELOPMENT AREAS

Northern Virginia


Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.75 5.5 11 16.5 22
Miles
UDA Boundaries as of February 2019
Arlington County
Fairfax City
Fairfax County-Tysons Corner Urban Center
Falls Church - City of Falls Church
Herndon Town-Herndon Metrorail Station UDA
Loudoun County-Suburban Policy Area
Manassas City-Downtown
Loudoun
16
15
60
50
Falls Church
495
50
Fairfax City
Alexandria
395
15
29
66
Manassas Park
Fairfax
Manassas
1
95
Prince William
1

EXAMPLE URBAN DEVELOPMENT AREAS

Middle Peninsula PDC


Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 3 6 12 18 24
Miles
UDA Boundaries as of February 2019
Gloucester County-Courthouse
Gloucester County-Point / Hayes Village
King William County-Central Garage
17
Essex
King and Queen
360
King William
17
Middlesex
Gloucester
Mathews

Middle Peninsula

UDA NEEDS UPDATE PROCESS OVERVIEW

- If you have or plan to have a UDA:
  - Verify UDA Contact Name and info
  - Verify UDA list
  - Verify UDA boundaries
  - Submit updated UDA boundary shapefiles (if needed)
  - Submit new UDA boundary shapefiles
  - Complete UDA Needs Questionnaire

PSI-BASED SAFETY NEEDS APPROACH

- Historic crash data being transferred to VDOT’s current linearly-referenced network
- Thresholds under review
- Desire to update to focus on “worst of the worst”
- Discussing need/desire to harmonize HSIP & SMART SCALE/VTrans measures
- CTB will approve SMART SCALE measure

MPO PARTICIPATION TIMELINE

Date	VTrans Task	MPO Role
May-early June	Presentations to MPO’s	Provide feedback at MPO meetings
May 30th	**Webinar - same as presentation to MPOs**	**Provide feedback at MPO meetings; PDC role - profile feedback**
June 14th	Webinar on UDA methodology and Instructions to Localities	Watch webinar, ask questions as needed and be able to provide assistance to UDA locality contacts as needed
Mid June		Provide feedback on needs measures and methodology
July-early August	Presentations to MPO’s	Coordinate with MPO’s as needed

MPO PARTICIPATION TIMELINE, CONT'D

Date	VTrans Task	MPO Role
Mid-July	Webinar - same as presentations to MPOs	Attend
Before September 1st	Draft Mid-Term Needs will be made available	Review
September 1st to early October	OIPI Staff will go out to MPO's to discuss the draft Mid-Term Needs	Attend
October 16th	October CTB meeting: Present draft needs and any feedback we've heard	N/A
December 11th	December CTB Meeting: CTB makes final approval on Vision, Goals, Objectives, measures, needs methodology, and Mid-term Needs list	N/A
Before end of 2019	OIPI will publish final approved list of Mid-Term Needs	N/A

FEEDBACK REQUESTS CHECKLIST

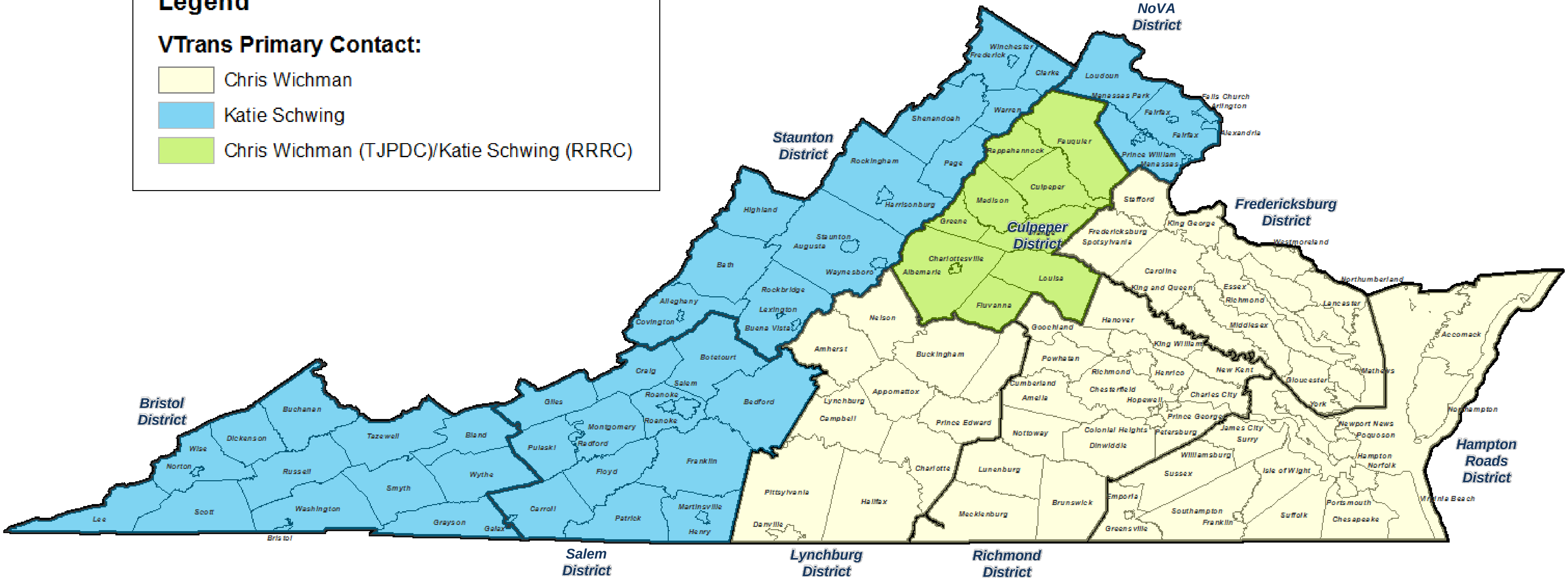
- ☑ Share performance measures to be used for Needs Identification (today's meeting)
- ☐ Confirm activity centers (ongoing & July regional workshop)
- ☐ Confirm presence of UDAs and UDA contacts (ongoing with localities)

VTRANS DESIGNATED POINTS OF CONTACT

Legend

VTrans Primary Contact:

- 🟨 Chris Wichman
- 🟦 Katie Schwing
- 🟩 Chris Wichman (TJPDC)/Katie Schwing (RRRC)


NoVA District
Staunton District
Fredericksburg District
Culpeper District
Bristol District
Salem District
Lynchburg District
Richmond District
Hampton Roads District
Winchester
Frederick
Clarke
Loudoun
Manassas Park
Falls Church
Arlington
Fairfax
Fairfax
Alexandria
Prince William
Manassas
Warren
Shenandoah
Rappahannock
Fauquier
Page
Rockingham
Harrisonburg
Culpeper
Madison
Stafford
King George
Greene
Orange
Fredericksburg
Spotsylvania
Westmoreland
Highland
Staunton
Augusta
Charlottesville
Albemarle
Waynesboro
Bath
Caroline
Louisa
Northumberland
Essex
King and Queen
Richmond
Lancaster
Rockbridge
Alleghany
Lexington
Covington
Buena Vista
Fluvanna
Nelson
Goochland
Hanover
Middlesex
Accomack
King William
Amherst
Buckingham
Powhatan
New Kent
Botetourt
Craig
Salem
Roanoke
Roanoke
Bedford
Richmond
Henrico
Gloucester
Mathews
Cumberland
Amelia
Chesterfield
Hopewell
Charles City
Lynchburg
Appomattox
York
Giles
Montgomery
Radford
Pulaski
Bland
Campbell
Prince Edward
Prince George
Northampton
Nottoway
Colonial Heights
Petersburg
James City
Newport News
Poquoson
Surry
Buchanan
Dickenson
Tazewell
Wise
Norton
Russell
Wythe
Floyd
Franklin
Dinwiddie
Williamsburg
Hampton
Norfolk
Charlotte
Lunenburg
Sussex
Isle of Wight
Smyth
Pittsylvania
Halifax
Emporia
Brunswick
Virginia Beach
Portsmouth
Scott
Lee
Washington
Bristol
Grayson
Galax
Carroll
Patrick
Martinsville
Henry
Danville
Mecklenburg
Greensville
Southampton
Franklin
Suffolk
Chesapeake

QUESTIONS/DISCUSSION

OIPI Staff Contact Information:

Name	Phone	Email
Jitender Ramchandani	804.786.0868	Jitender.Ramchandani@oipi.Virginia.gov
Katie Schwing	804.786.2362	Kathryn.Schwing@oipi.Virginia.gov
Chris Wichman	804.786.2366	Chris.Wichman@oipi.Virginia.gov

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THANK YOU!

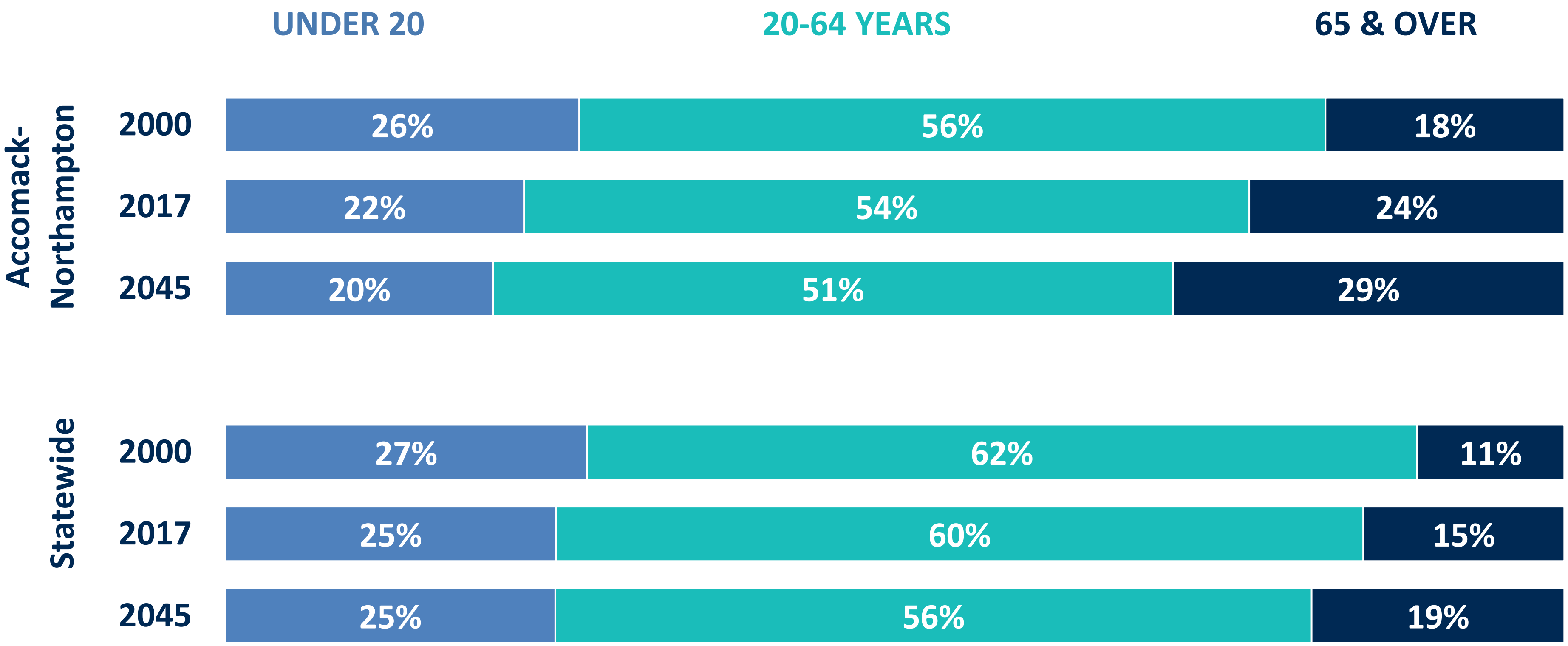
VTRANS | VIRGINIA'S TRANSPORTATION PLAN

APPENDIX

- Supplemental slides for more detailed PDC-specific information

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

Accomack-Northampton PDC



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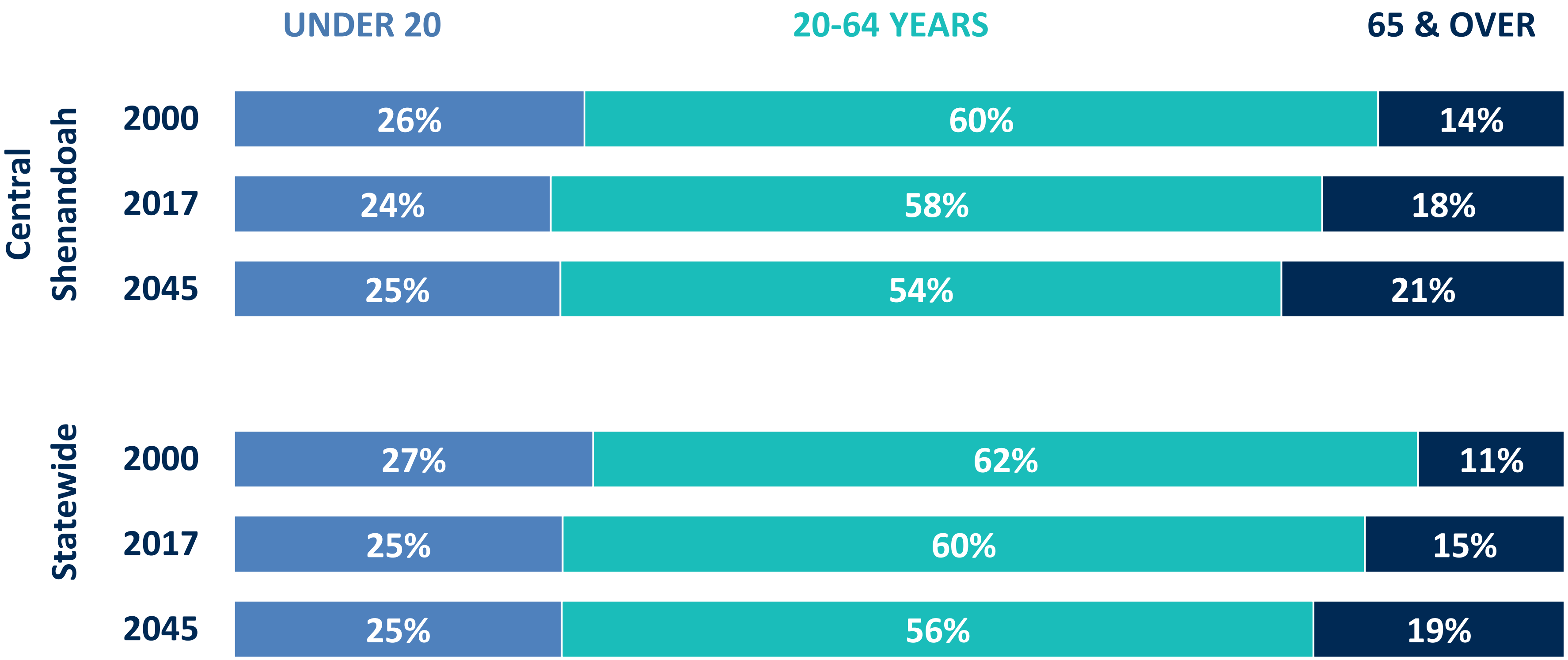
DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

Central Shenandoah PDC

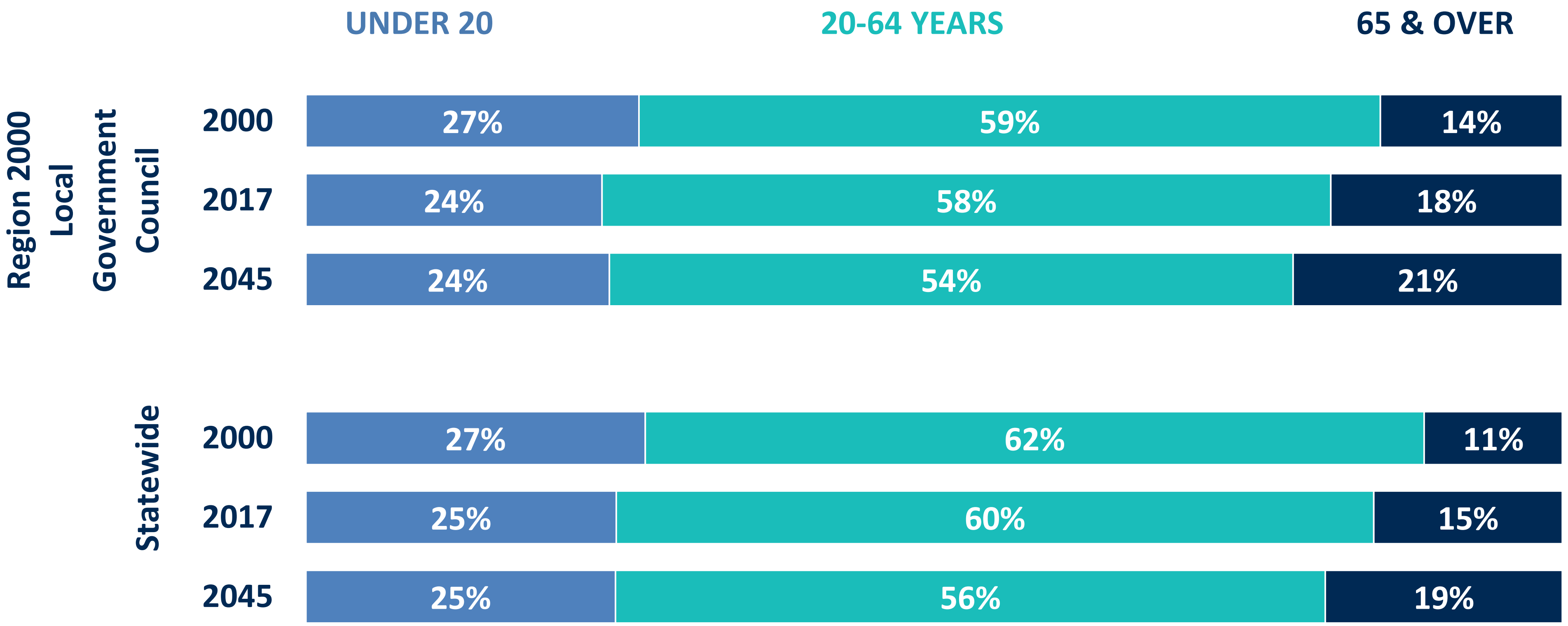


Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

VTRANS | VIRGINIA'S TRANSPORTATION PLAN

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

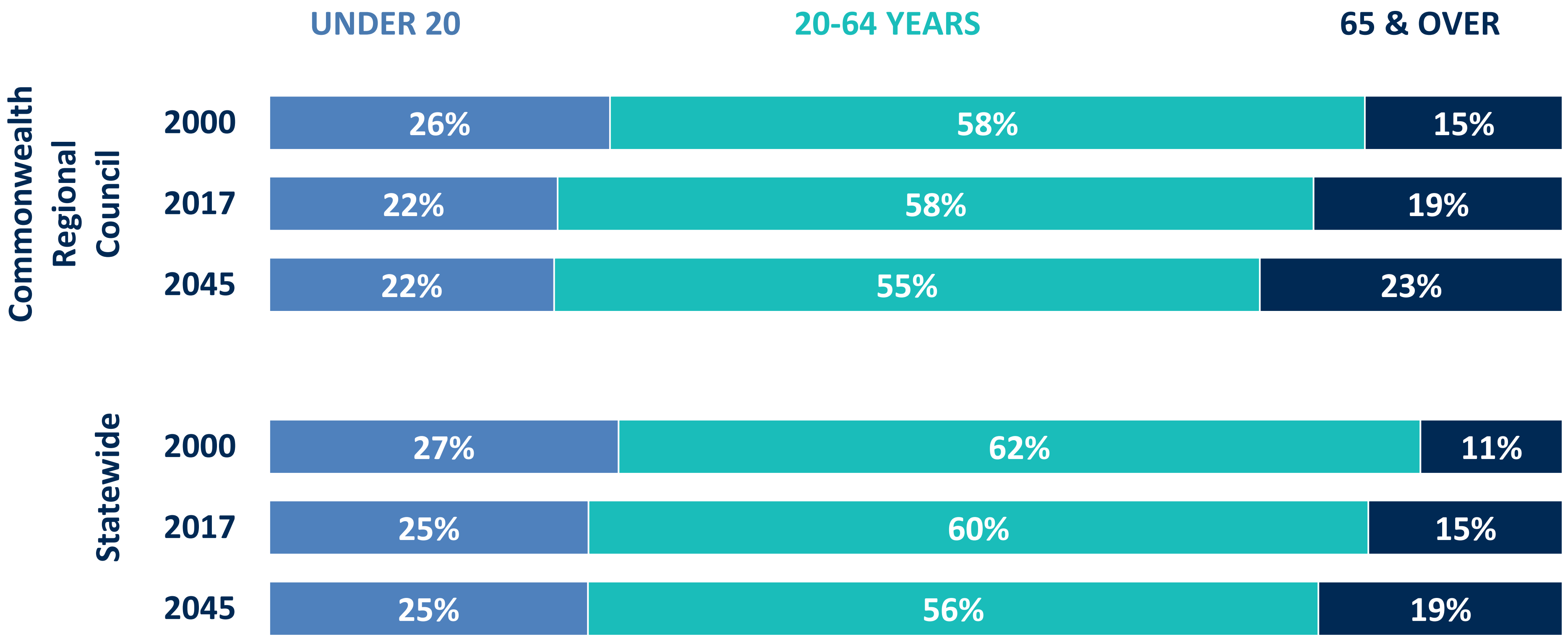
Central Virginia PDC



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

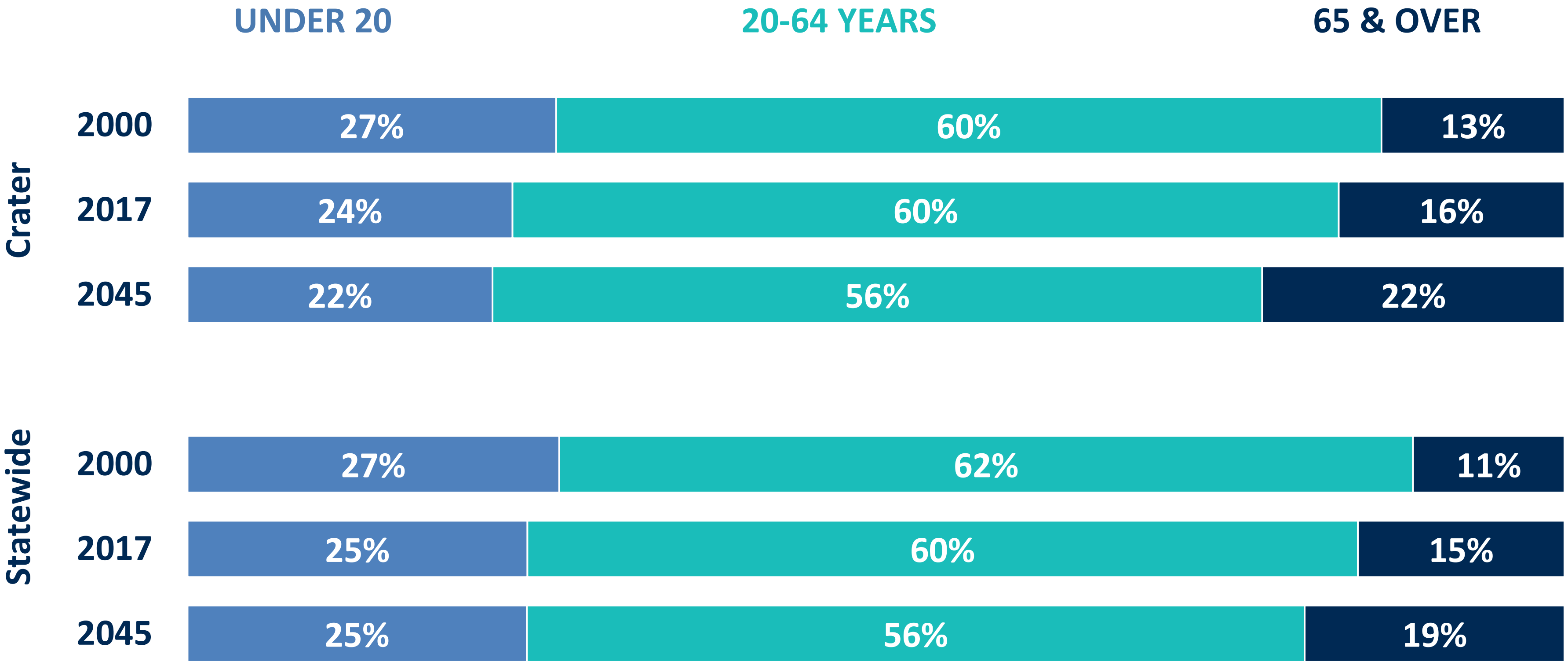
Commonwealth Regional Council



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

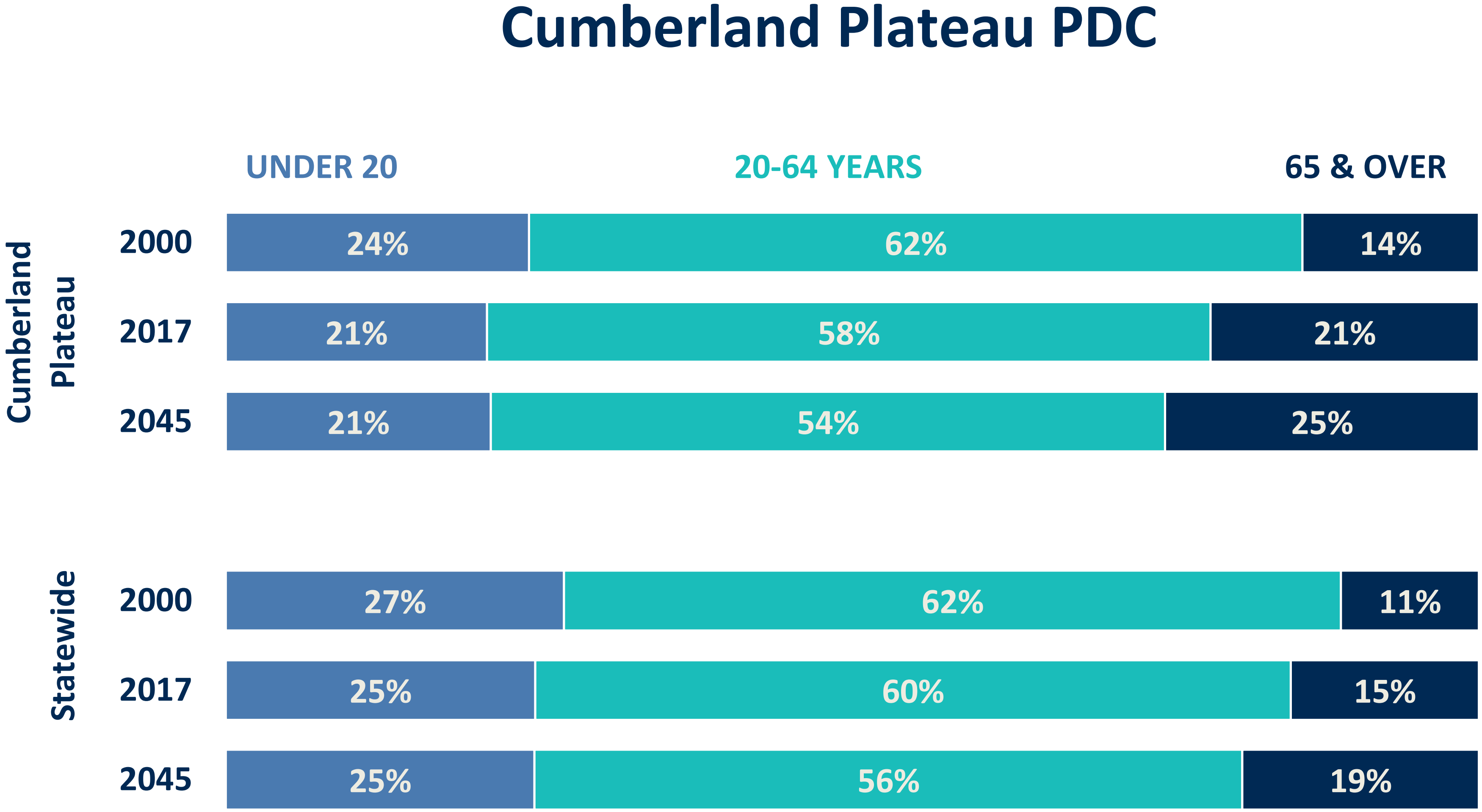
Crater PDC



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

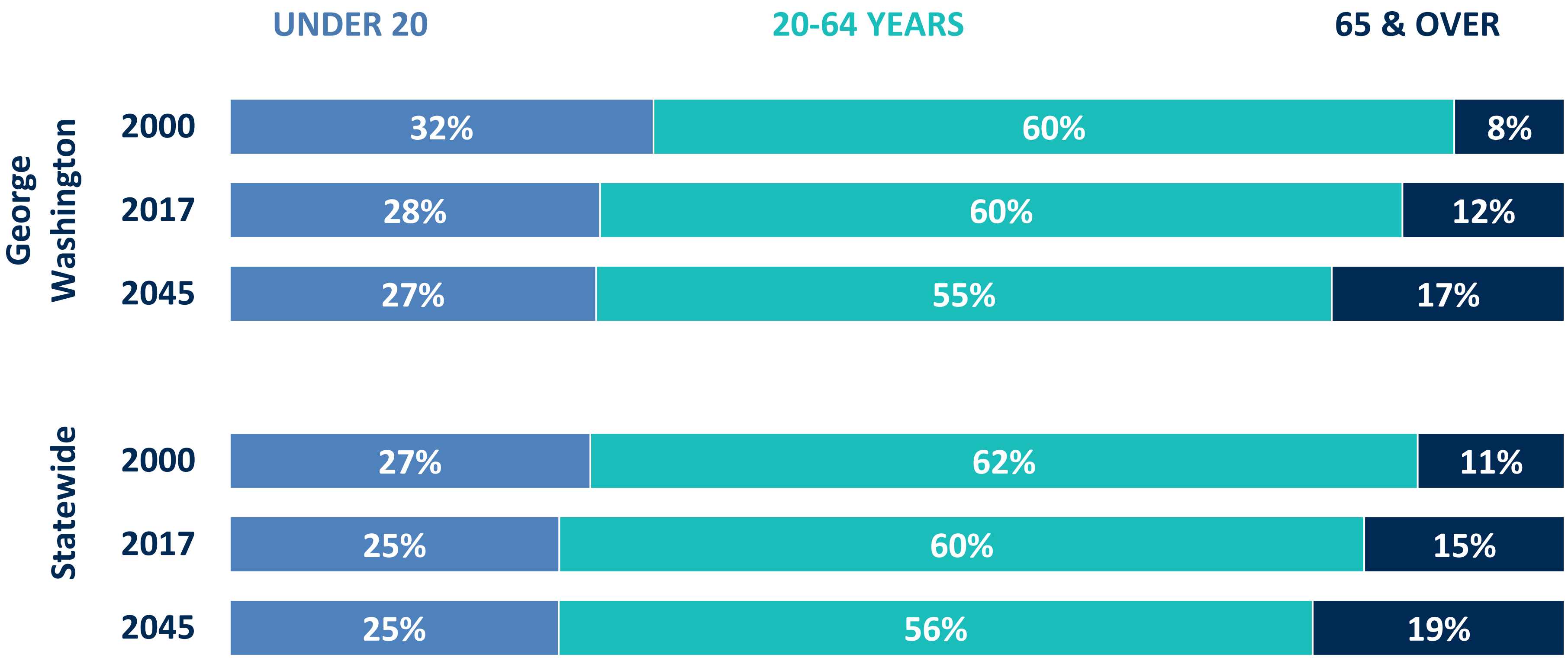


VTRANS | VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

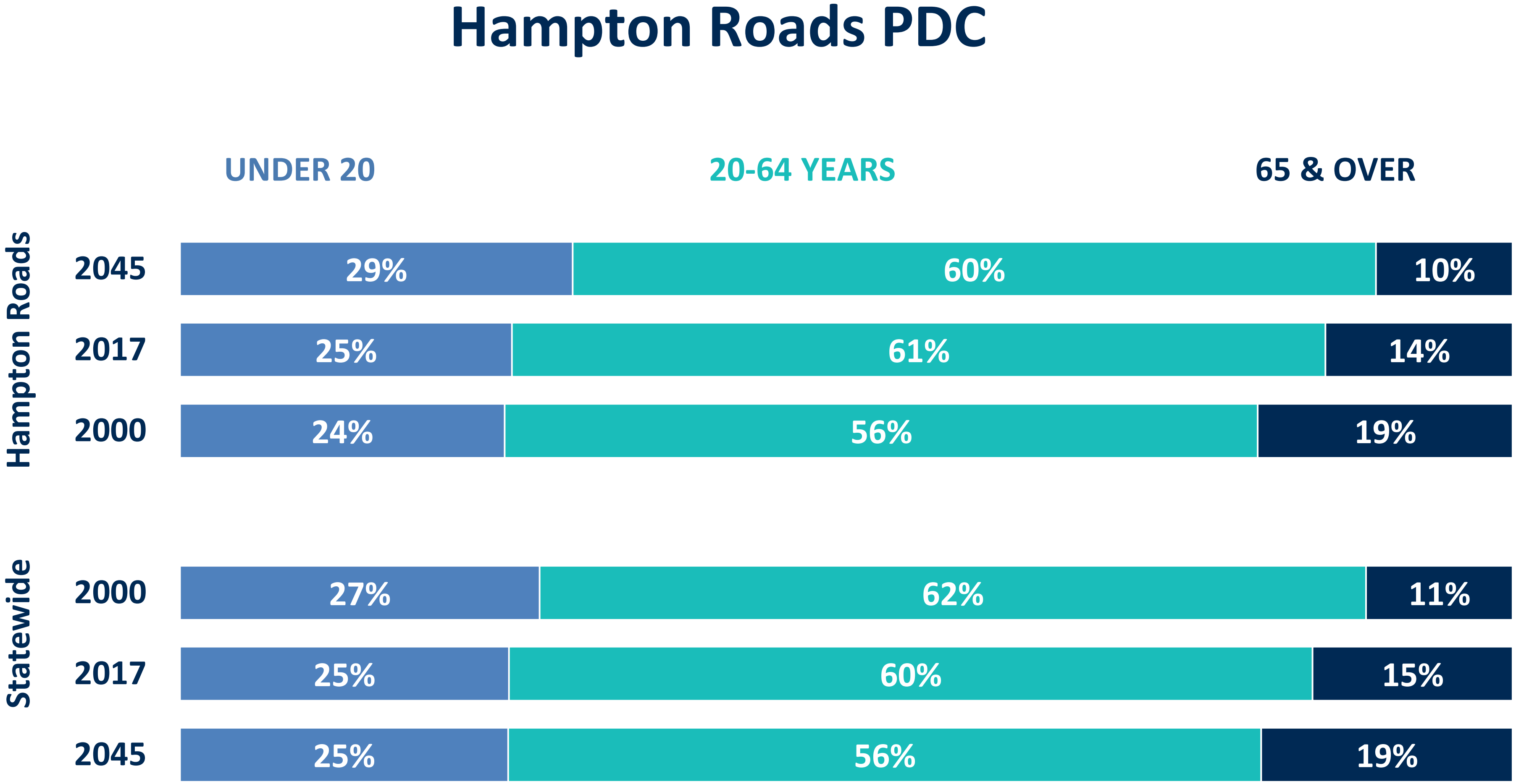
Demographic Trends: Age Distribution by PDC

George Washington RC



Source: Data provided by Weldon Cooper Center for Public Service.
Analysis by the Virginia Transportation Research Council.

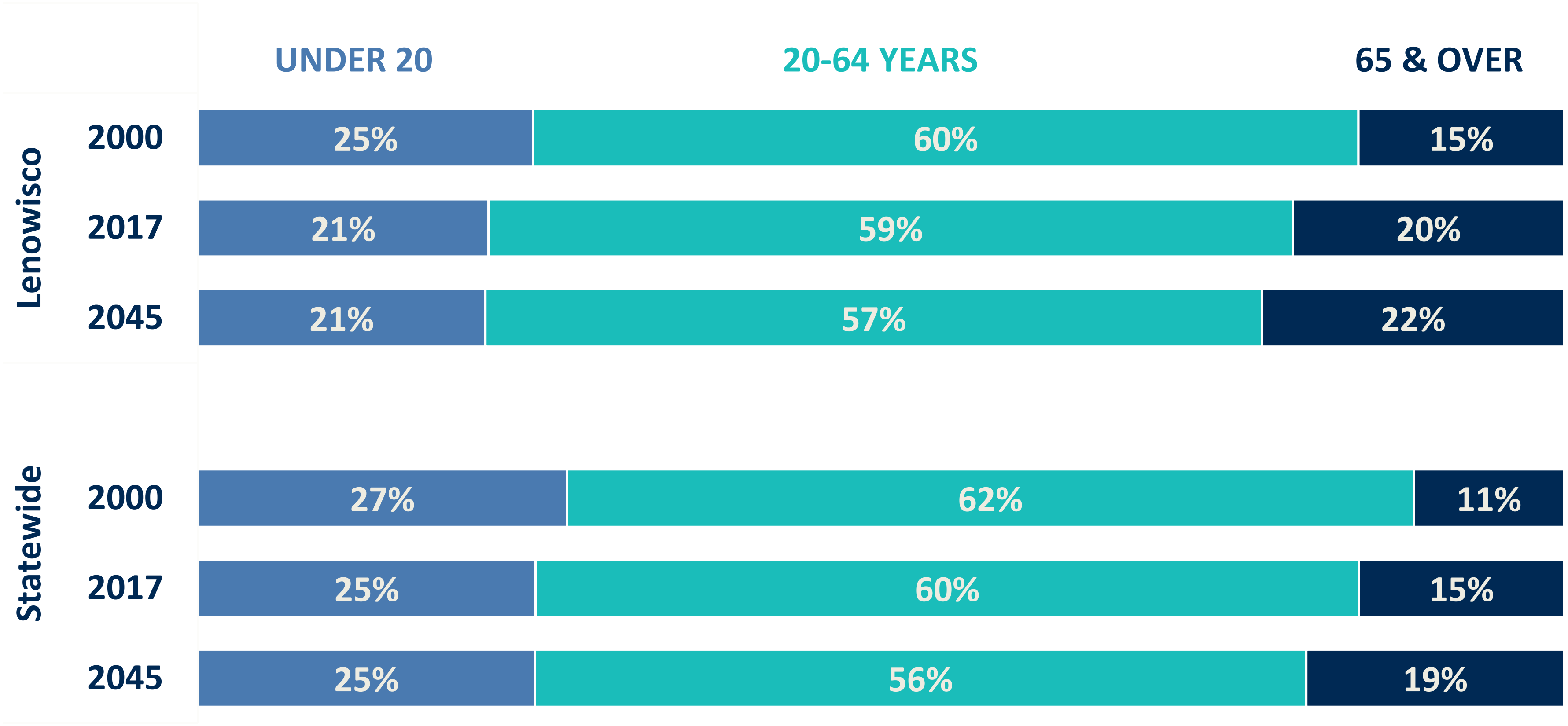
DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC



Source: Data provided by Weldon Cooper Center for Public Service.
Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

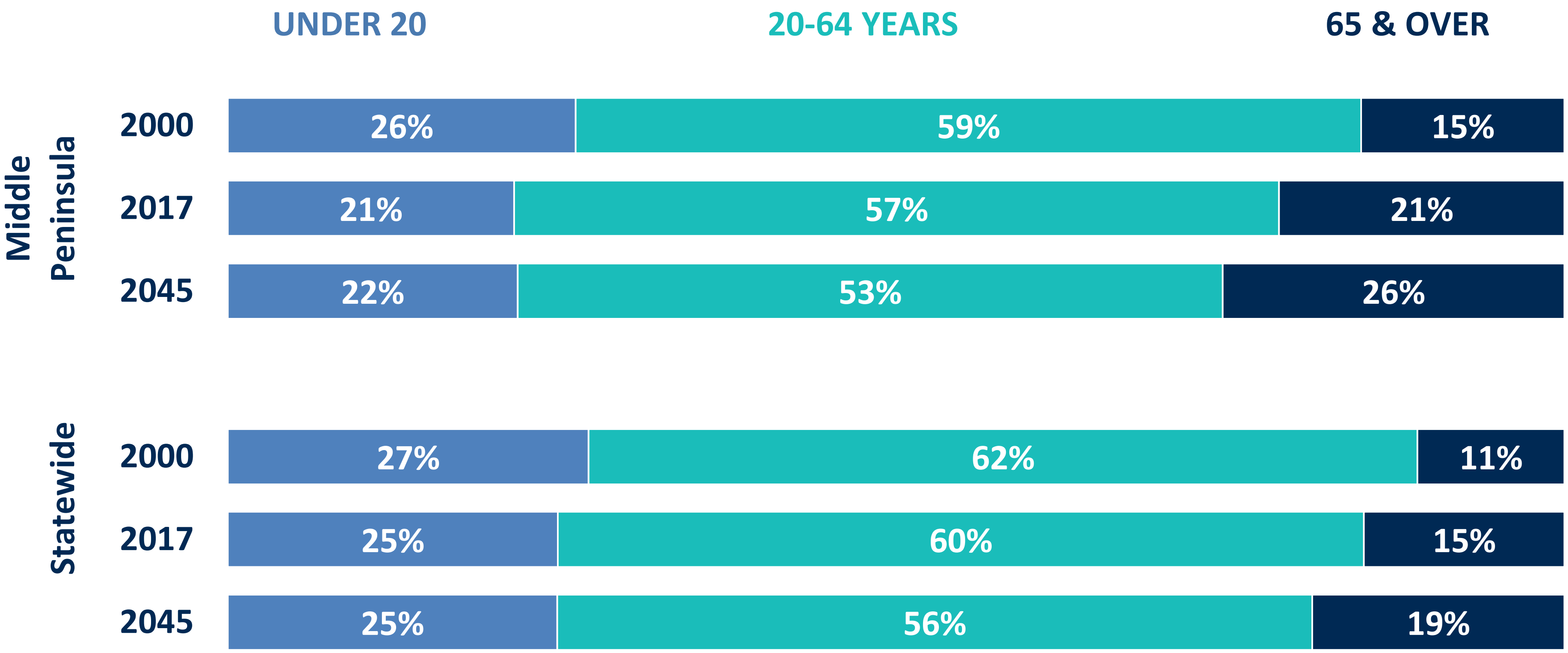
Lenowisco PDC



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

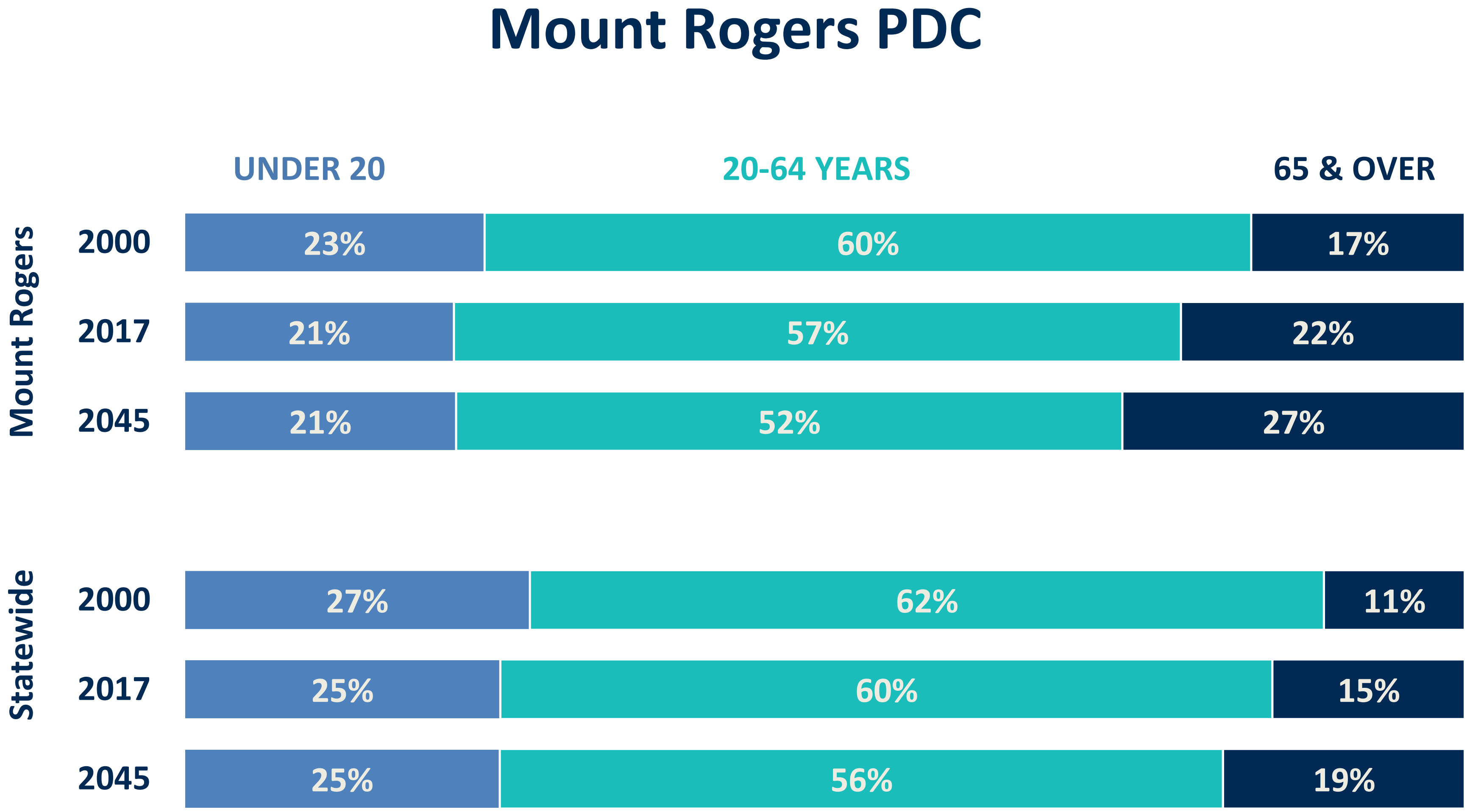
Middle Peninsula PDC



VIRGINIA'S TRANSPORTATION PLAN

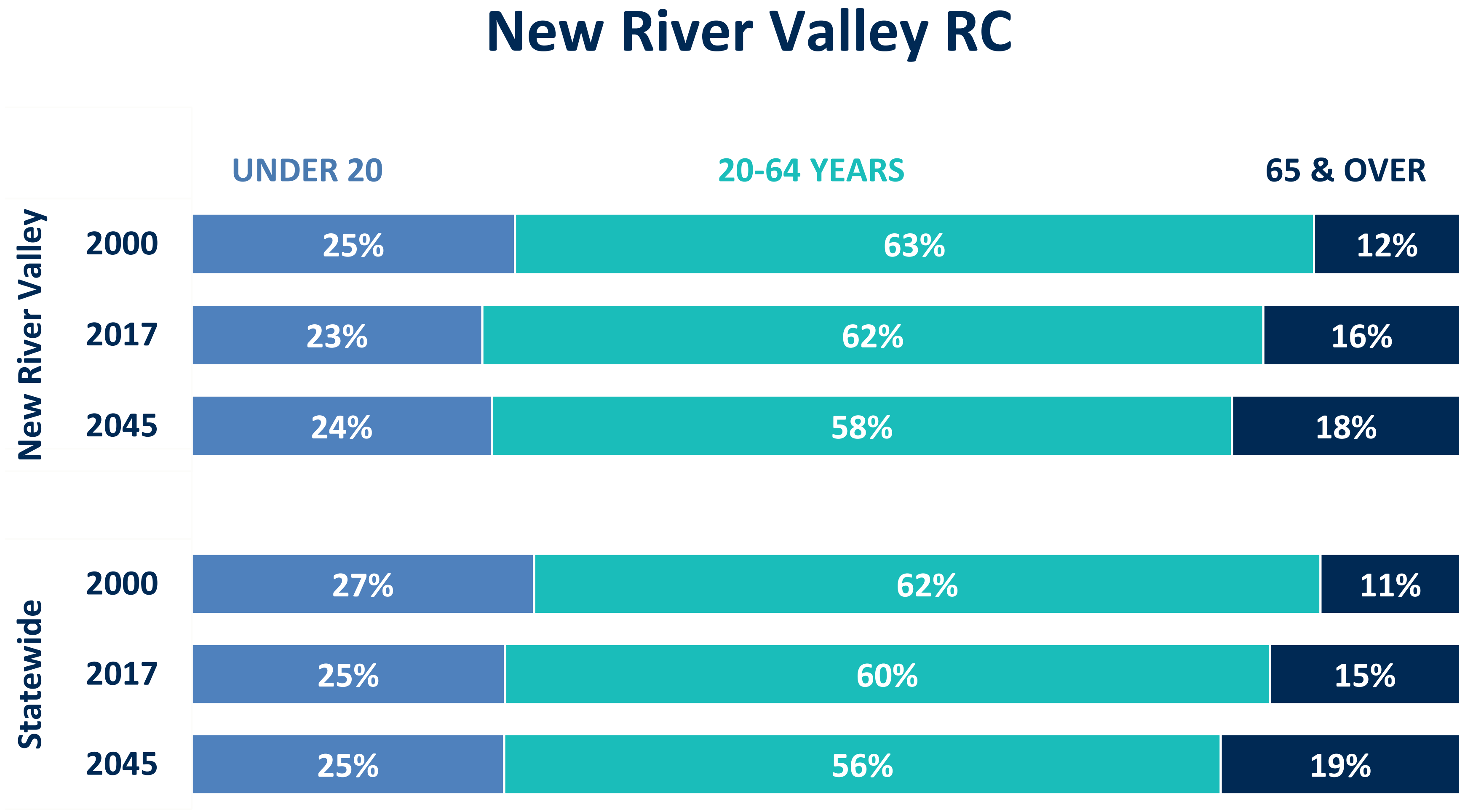
Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC



Source: Data provided by Weldon Cooper Center for Public Service.
Analysis by the Virginia Transportation Research Council.

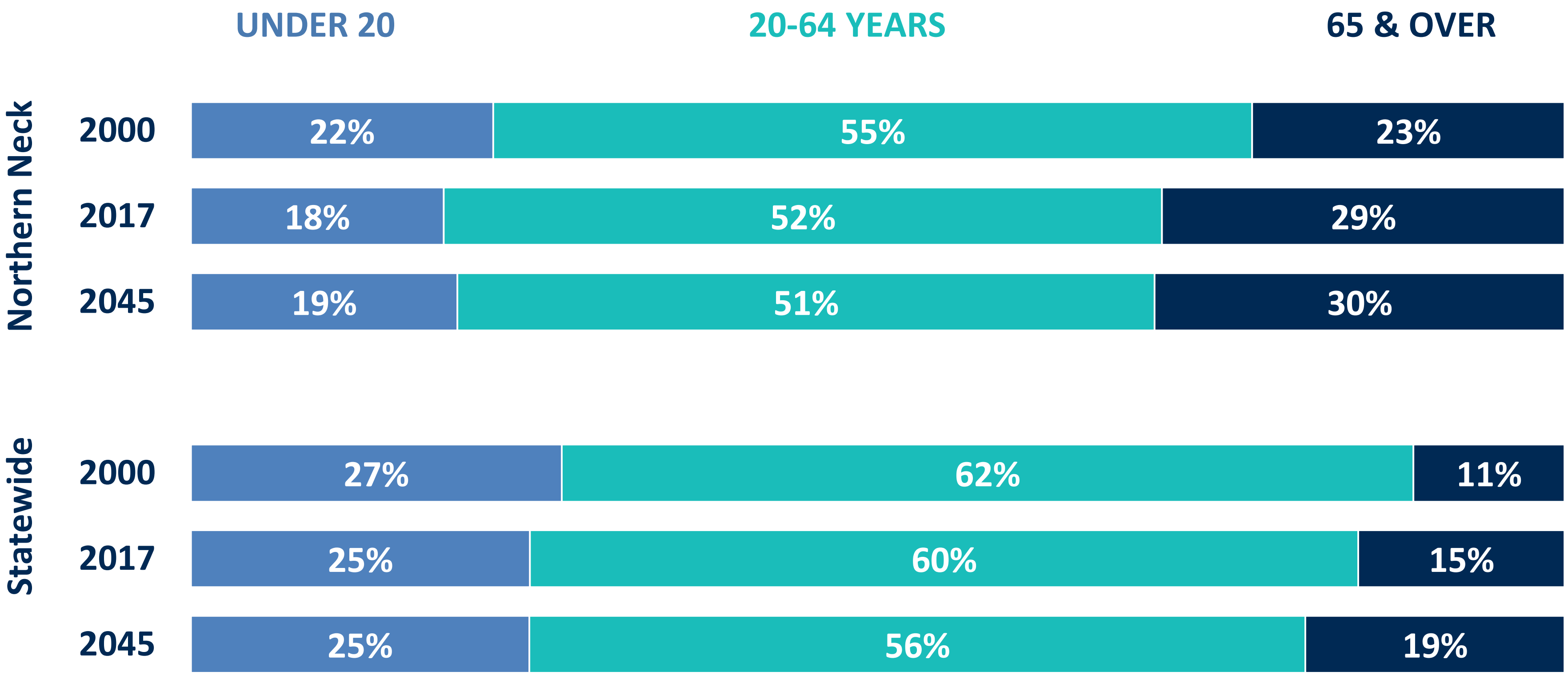
DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

VTRANS | VIRGINIA'S TRANSPORTATION PLAN

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

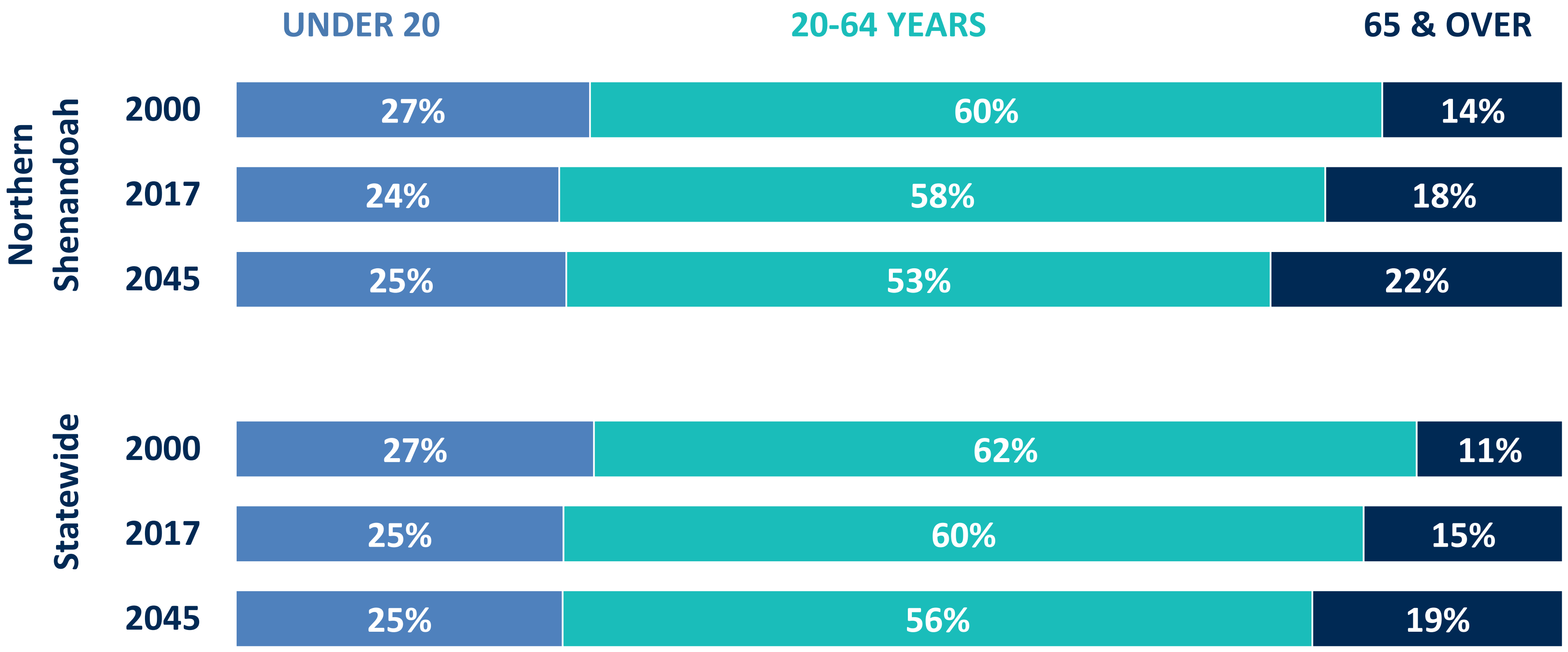


VTRANS | VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

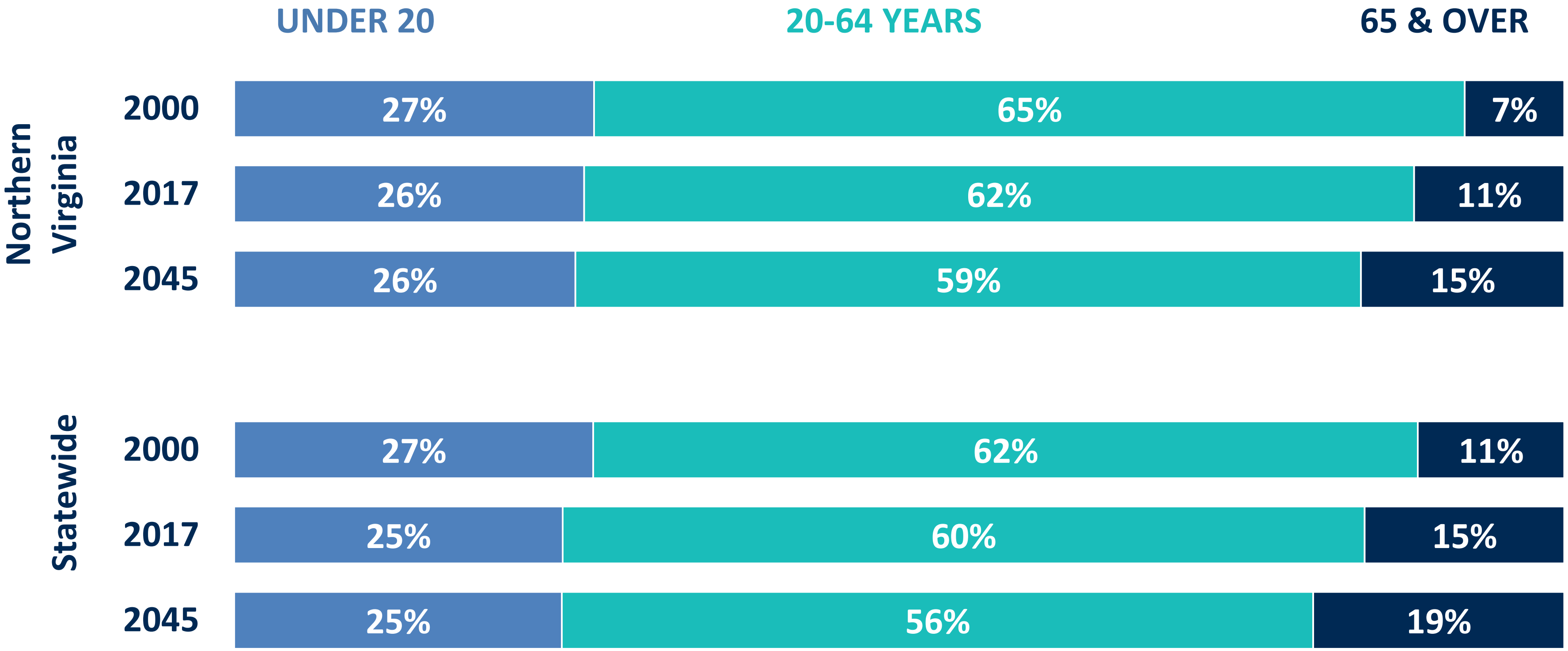
Northern Shenandoah Valley RC



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

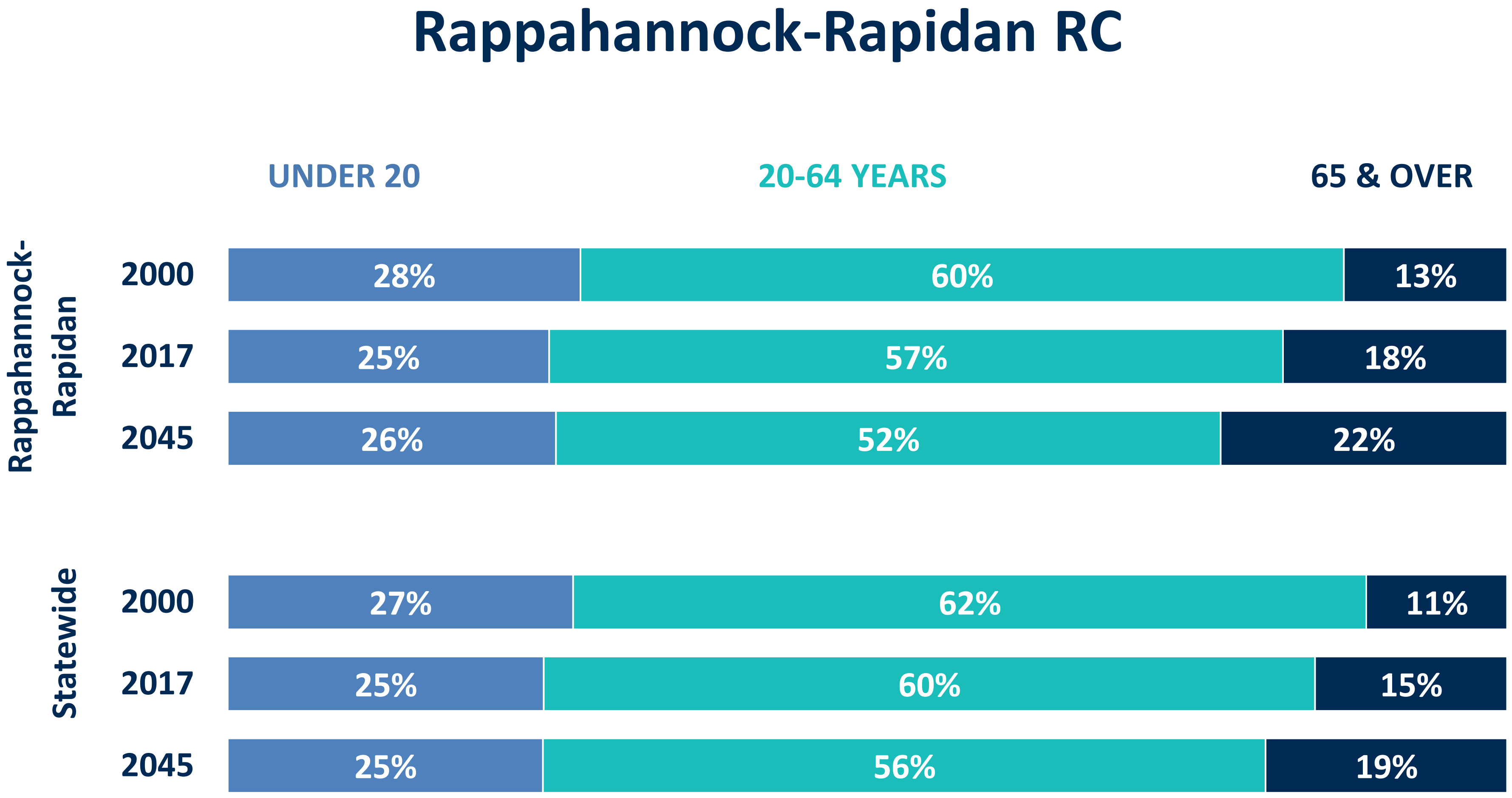
DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

Northern Virginia RC



Source: Data provided by Weldon Cooper Center for Public Service.
Analysis by the Virginia Transportation Research Council.

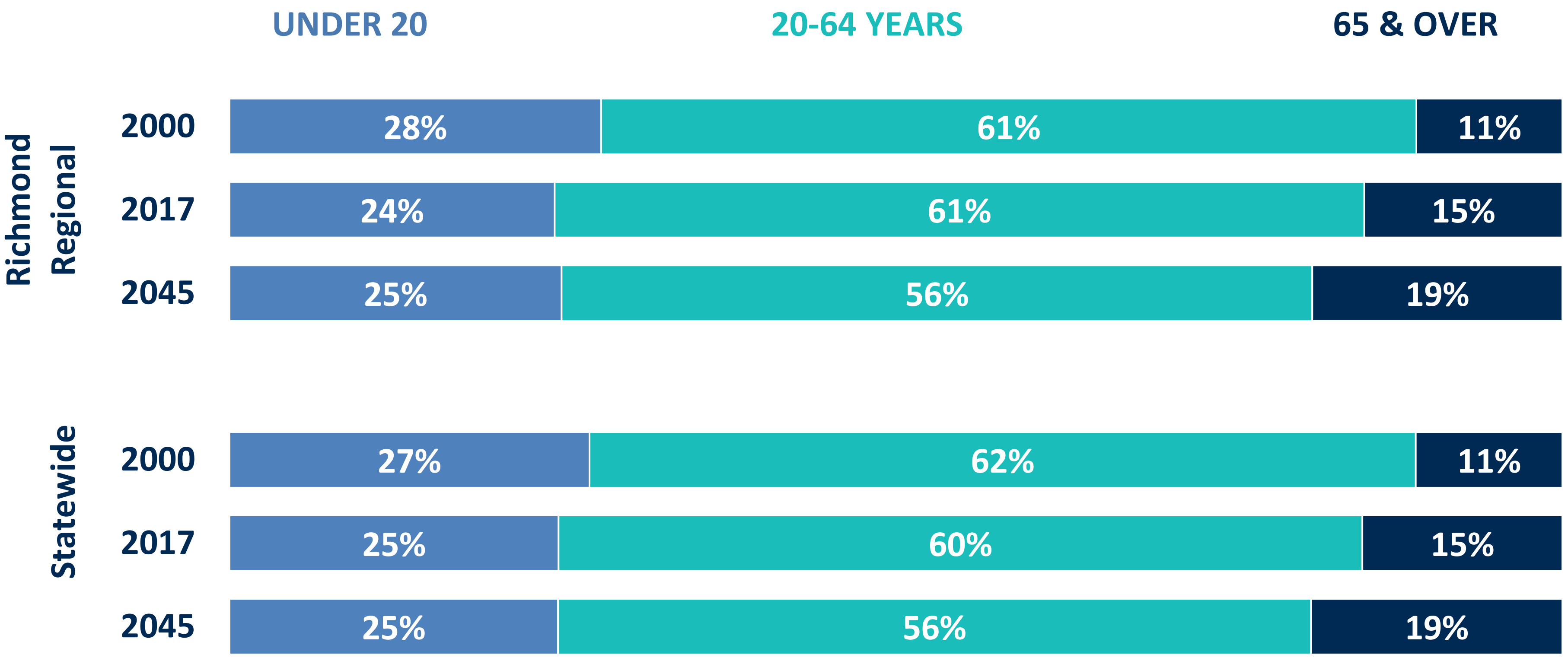
DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

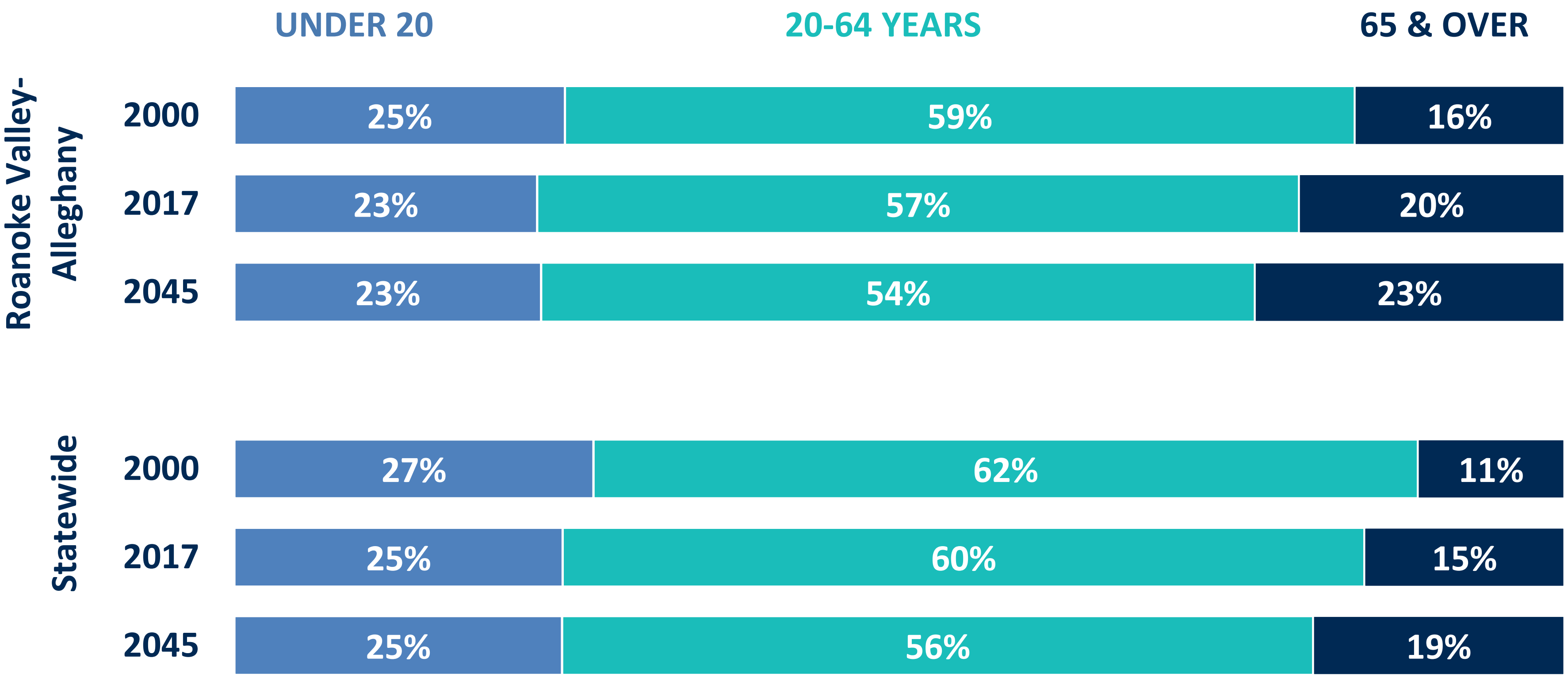
Richmond Regional PDC



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

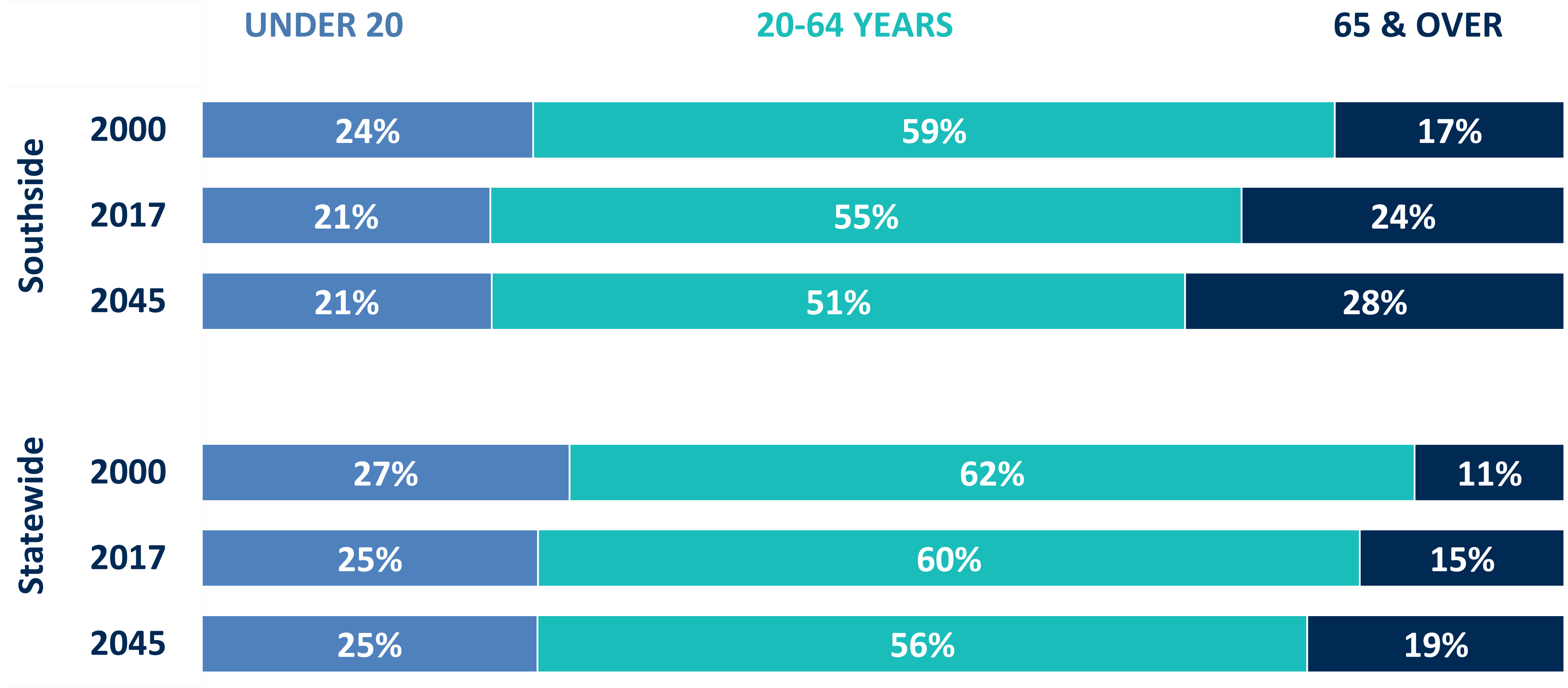
Roanoke Valley-Alleghany RC



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

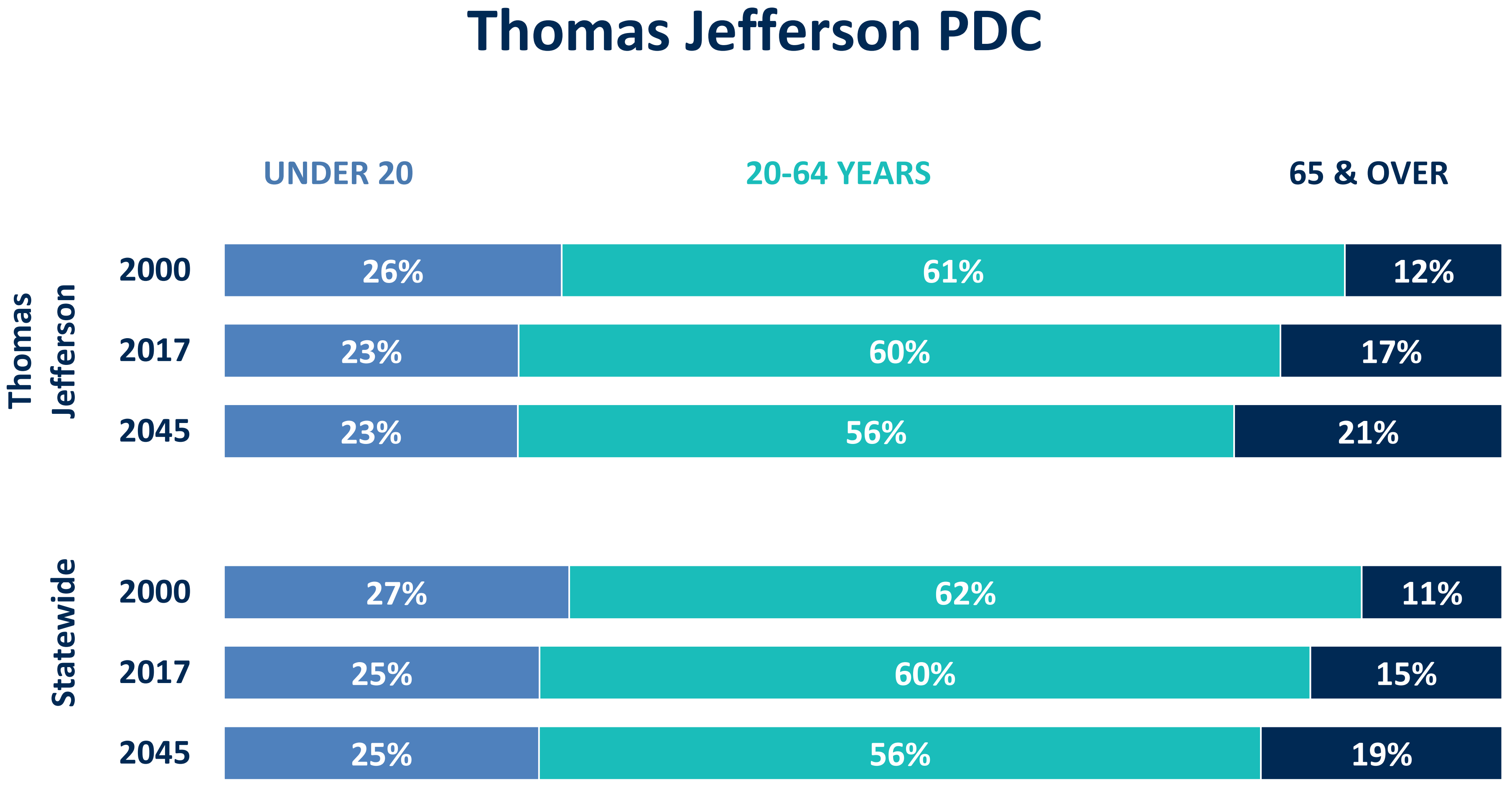
Southside PDC



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

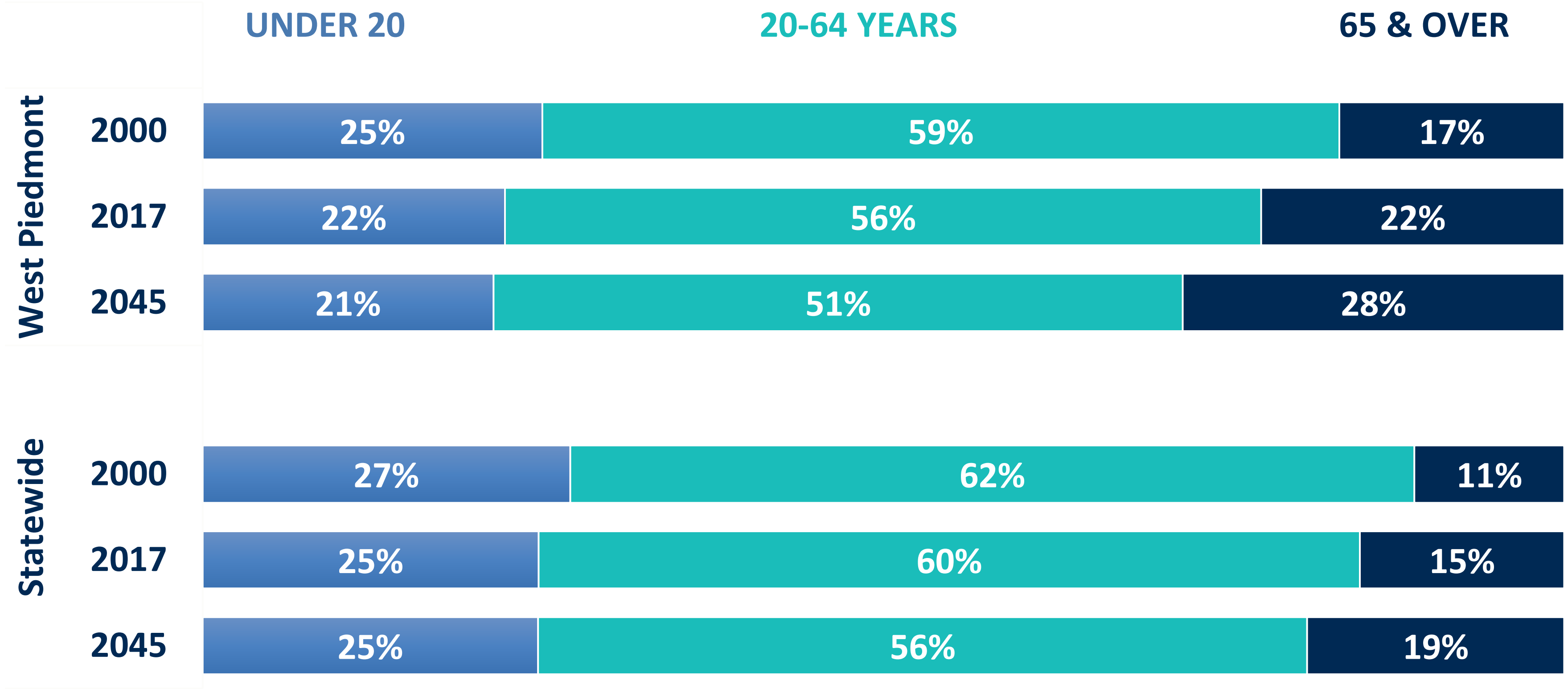
DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: AGE DISTRIBUTION BY PDC

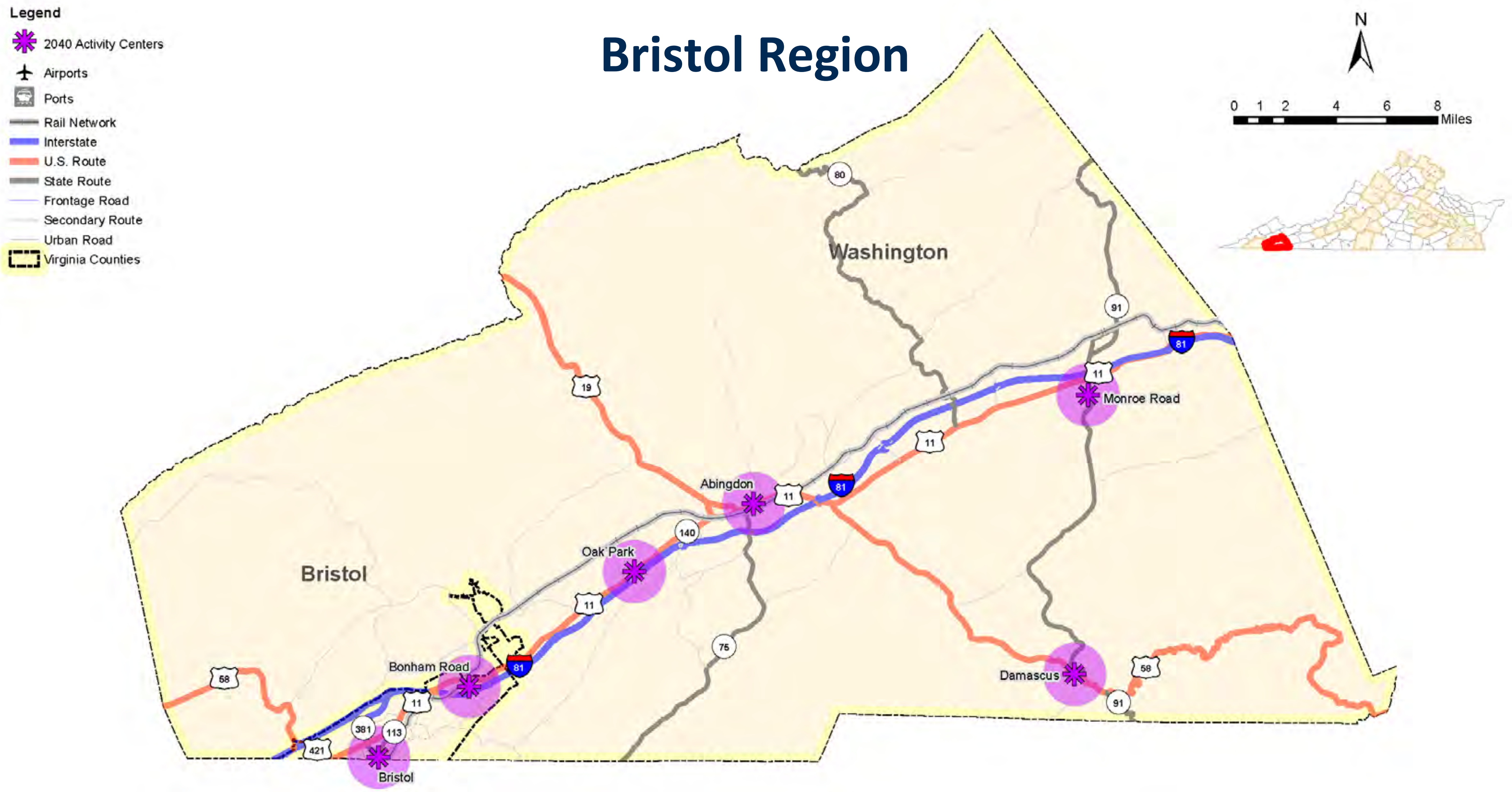
West Piedmont PDC



Source: Data provided by Weldon Cooper Center for Public Service. Analysis by the Virginia Transportation Research Council.

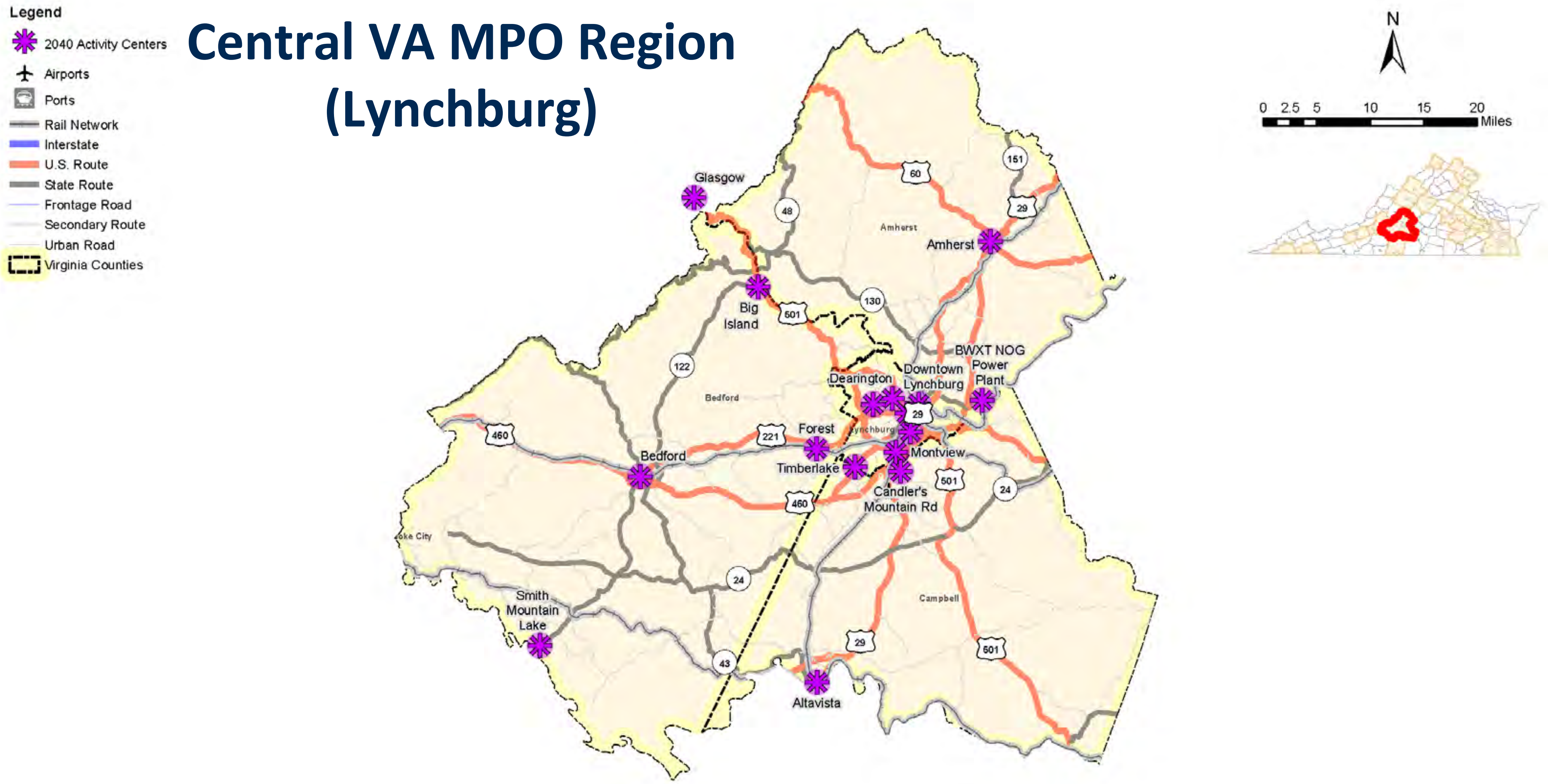
ACTIVITY CENTERS

REGIONAL NETWORKS | ACTIVITY CENTERS


Bristol Region
Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 1 2 4 6 8
Miles
Washington
Bristol
80
91
81
19
11
Monroe Road
Abingdon
140
Oak Park
75
58
Bonham Road
Damascus
381
113
421
Bristol

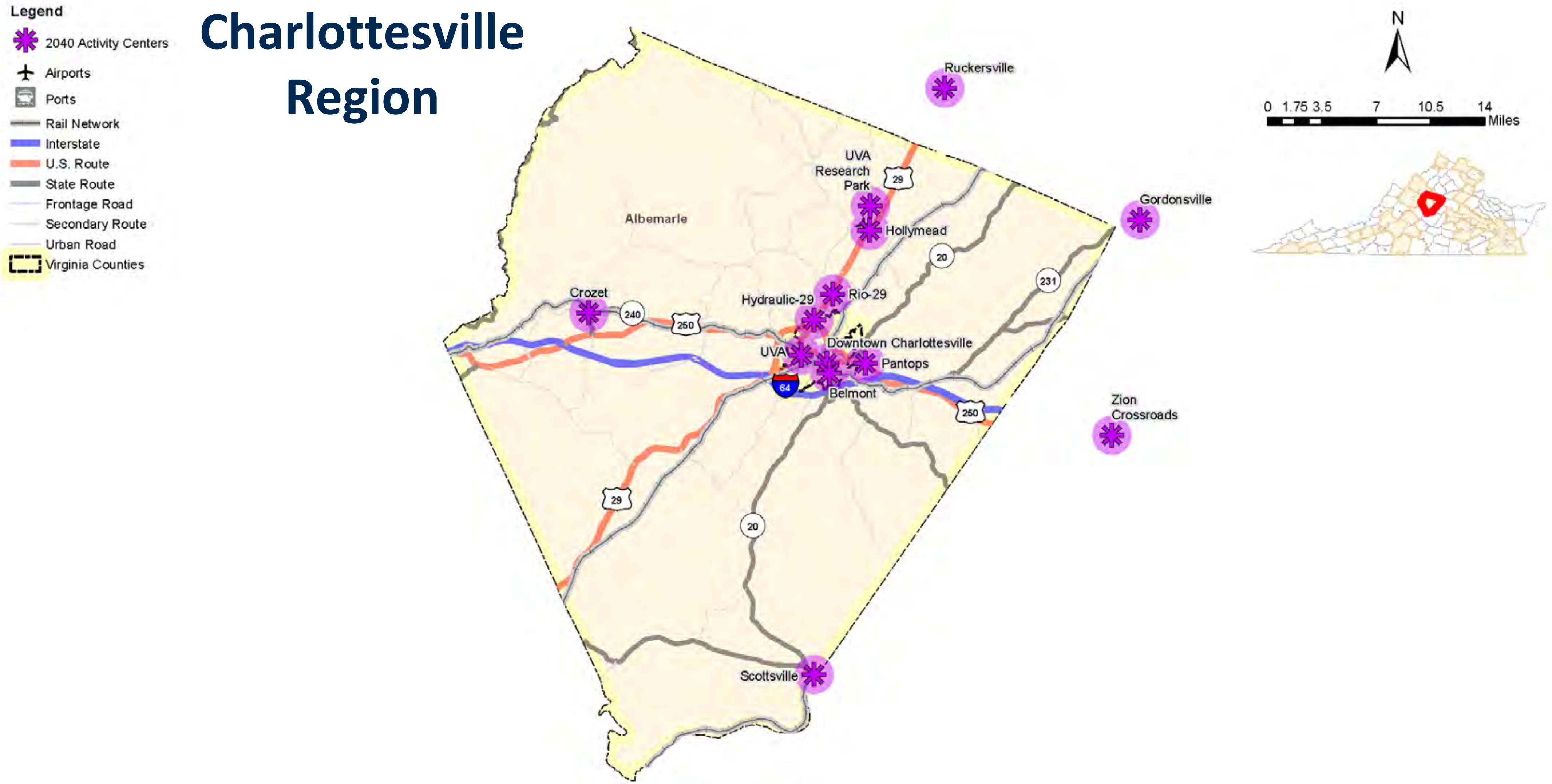
REGIONAL NETWORKS | ACTIVITY CENTERS

Central VA MPO Region (Lynchburg)

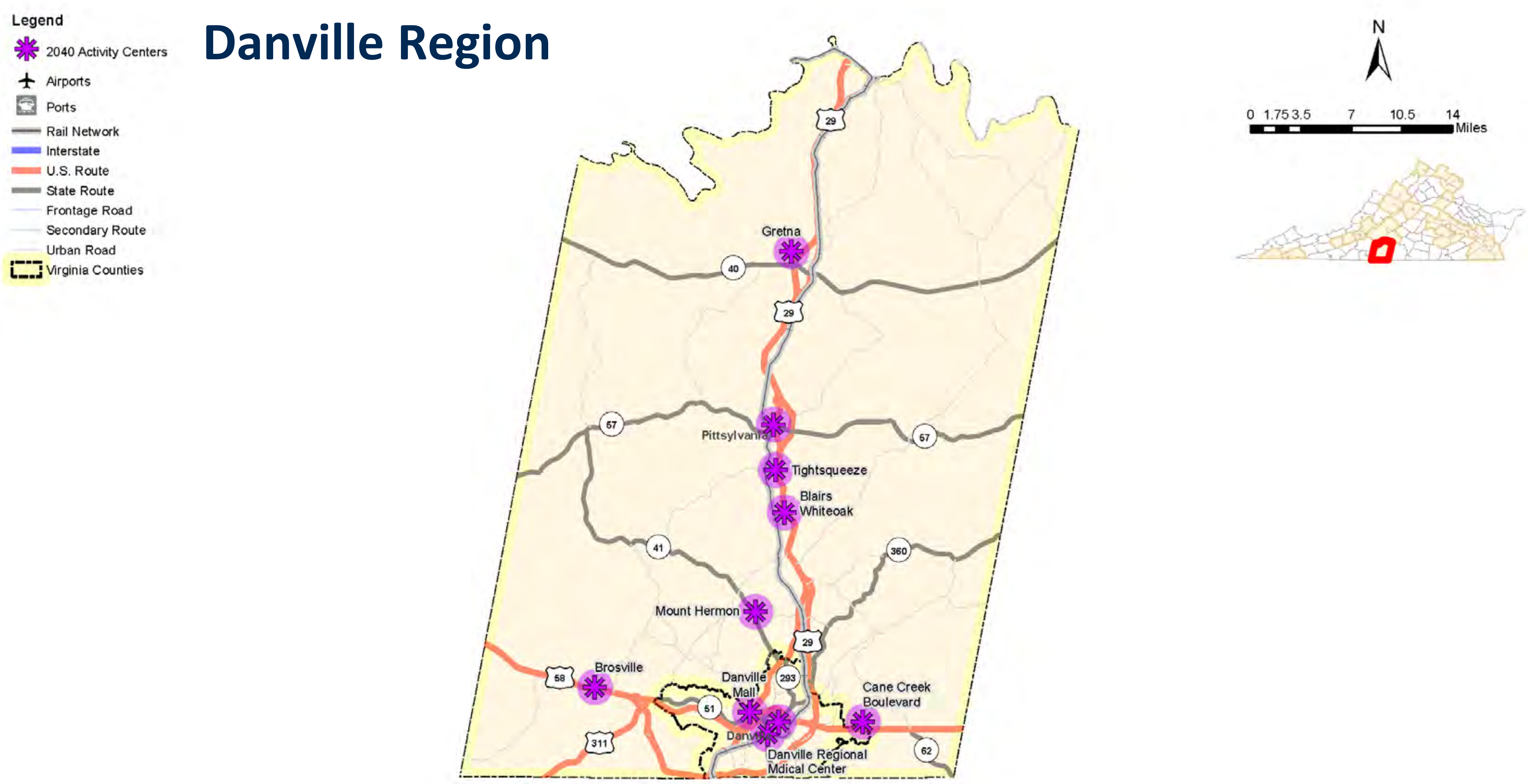

Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 2.5 5 10 15 20 Miles
Glasgow
Big Island
Amherst
BWXT NOG Power Plant
Downtown Lynchburg
Dearington
Forest
Bedford
Timberlake
Montview
Candler's Mountain Rd
Smith Mountain Lake
Altavista
Amherst
Bedford
Lynchburg
Campbell
oke City
60
151
29
48
130
501
122
221
460
24
43

REGIONAL NETWORKS | ACTIVITY CENTERS

Charlottesville Region

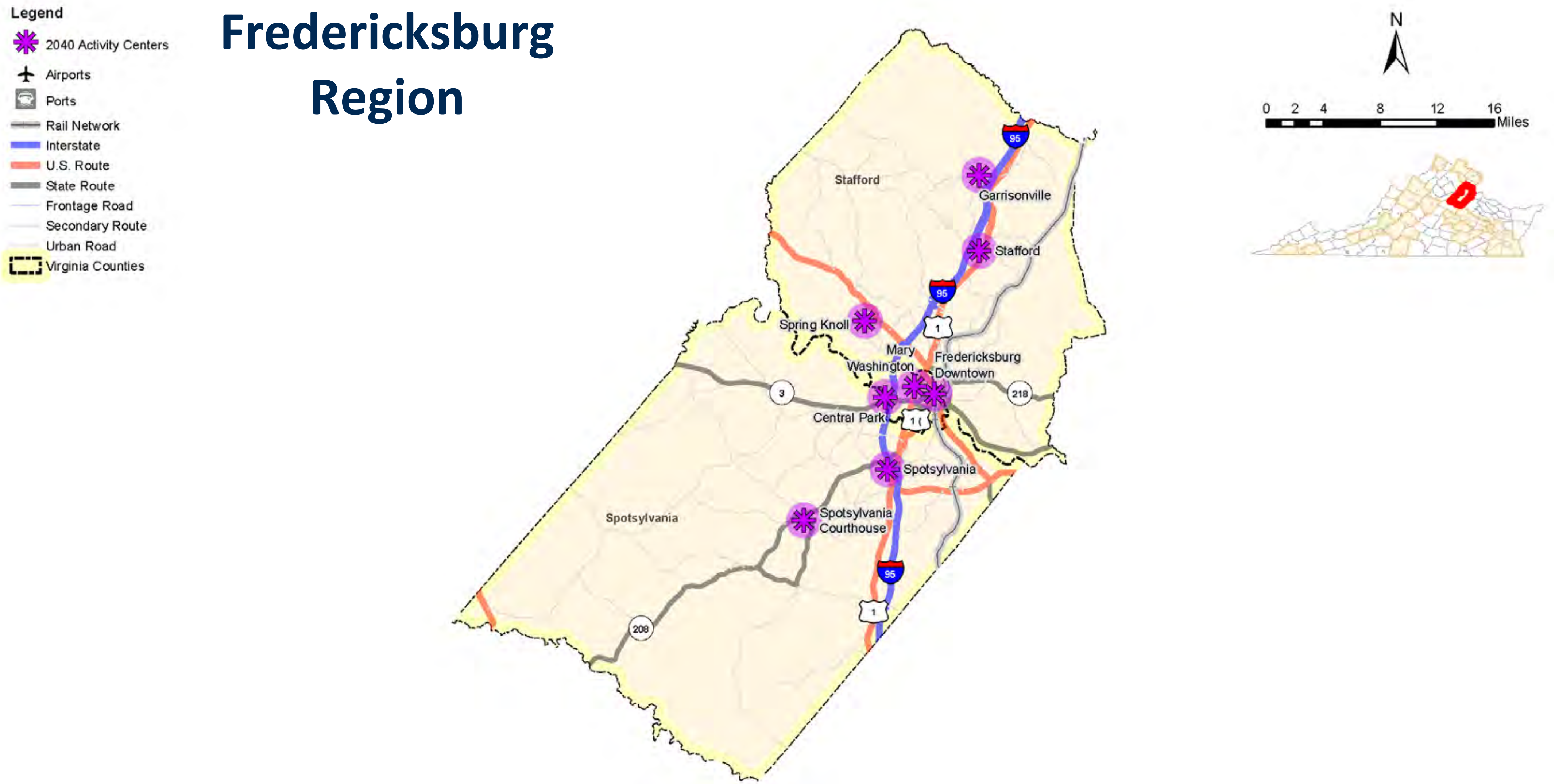

Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 1.75 3.5 7 10.5 14
Miles
Ruckersville
UVA Research Park
Albemarle
Hollymead
Gordonsville
Crozet
Hydraulic-29
Rio-29
Downtown Charlottesville
UVA
Pantops
Belmont
Zion Crossroads
Scottsville
29
20
231
240
250
64
250
29
20

REGIONAL NETWORKS | ACTIVITY CENTERS

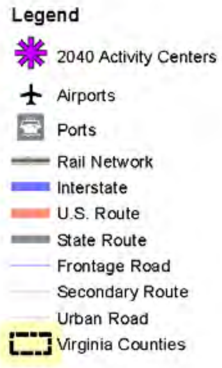

Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
Danville Region
N
0 1.75 3.5 7 10.5 14
Miles
29
Gretna
40
29
57
Pittsylvania
57
Tightsqueeze
Blairs
Whiteoak
41
360
Mount Hermon
29
Brosville
58
Danville
Mall
293
51
Danv
Cane Creek
Boulevard
311
Danville Regional
Mdical Center
62

REGIONAL NETWORKS | ACTIVITY CENTERS

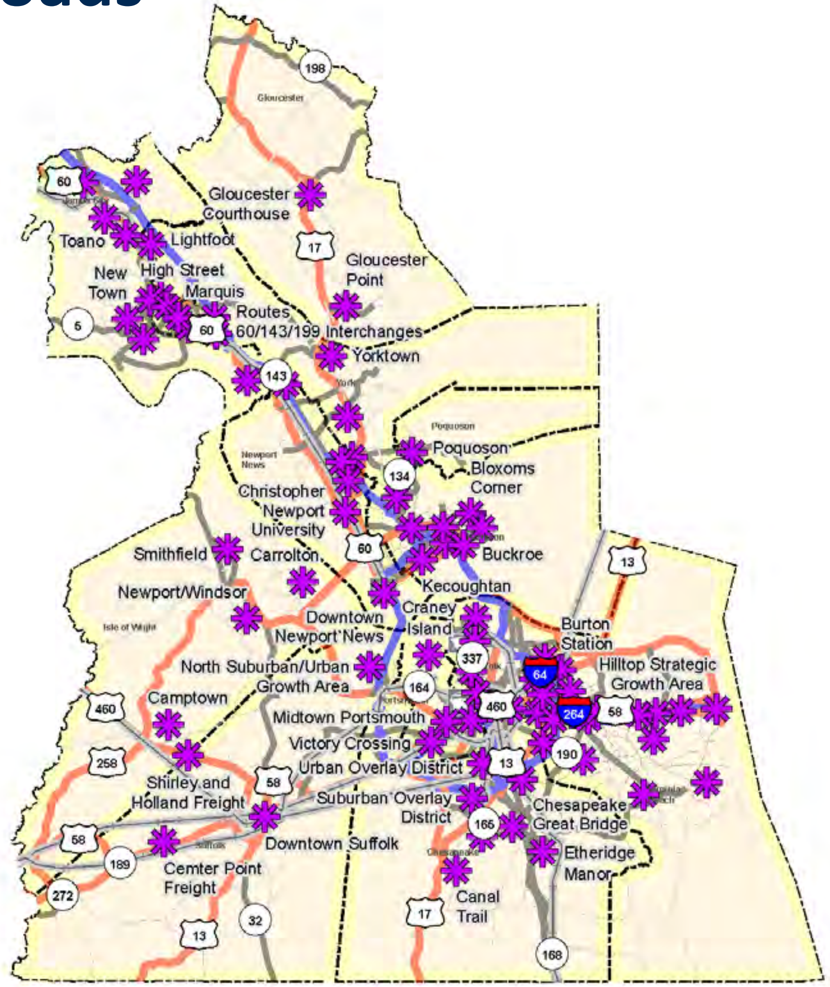
Fredericksburg Region


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 2 4 8 12 16 Miles
Stafford
Garrisonville
Stafford
Spring Knoll
Mary Washington
Fredericksburg Downtown
Central Park
Spotsylvania
Spotsylvania Courthouse
Spotsylvania
95
1
3
218
208

REGIONAL NETWORKS | ACTIVITY CENTERS


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties

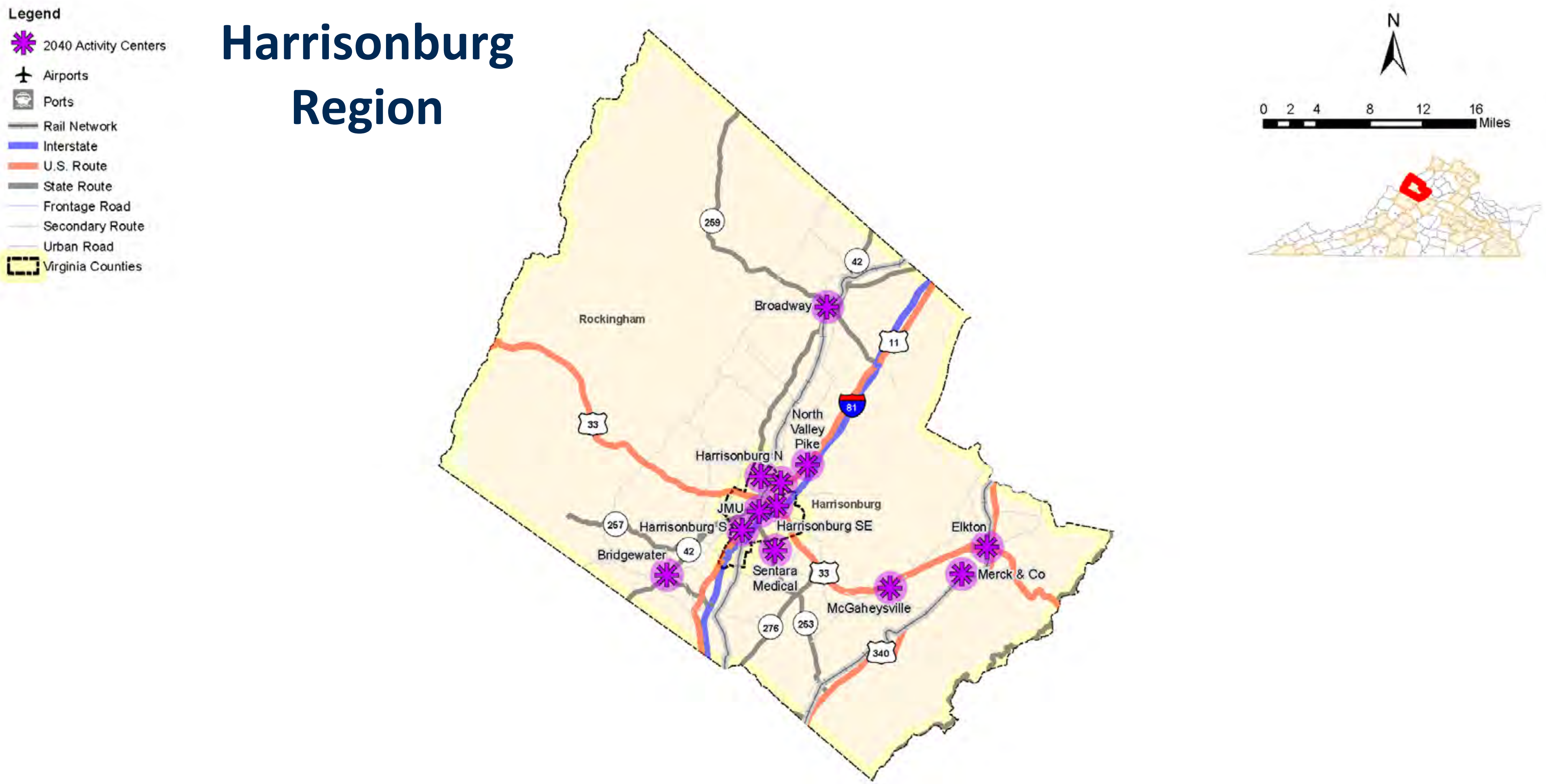
Hampton Roads Region


Gloucester
Gloucester Courthouse
Toano
Lightfoot
New Town
High Street
Marquis
Gloucester Point
Routes 60/143/199 Interchanges
Yorktown
Poquoson
Bloxoms Corner
Newport News
Christopher Newport University
Smithfield
Carrolton
Buckroe
Kecoughtan
Newport/Windsor
Isle of Wight
Downtown Newport News
Craney Island
Burton Station
Hilltop Strategic Growth Area
North Suburban/Urban Growth Area
Camptown
Midtown Portsmouth
Victory Crossing
Urban Overlay District
Shirley and Holland Freight
Suburban Overlay District
Chesapeake Great Bridge
Downtown Suffolk
Etheridge Manor
Cemter Point Freight
Canal Trail
198
17
60
5
143
134
13
337
64
164
460
264
58
190
258
166
189
272
32
168

N
0
3.25
6.5
13
19.5
26
Miles

REGIONAL NETWORKS | ACTIVITY CENTERS

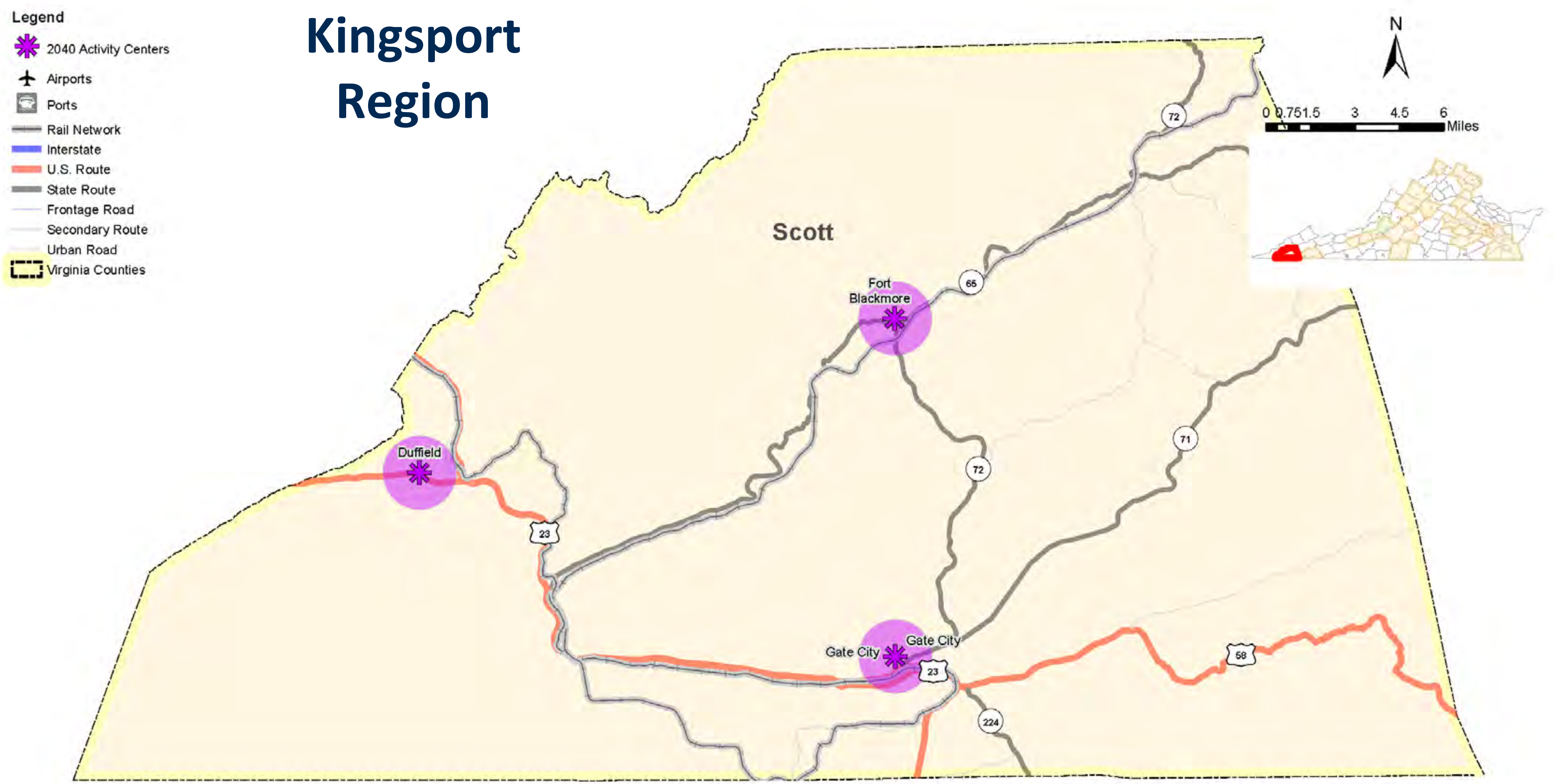
Harrisonburg Region



Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 2 4 8 12 16
Miles
Rockingham
Broadway
North Valley Pike
Harrisonburg N
Harrisonburg
JMU
Harrisonburg S
Harrisonburg SE
Bridgewater
Sentara Medical
McGaheysville
Elkton
Merck & Co
259
42
11
81
33
257
42
33
276
253
340

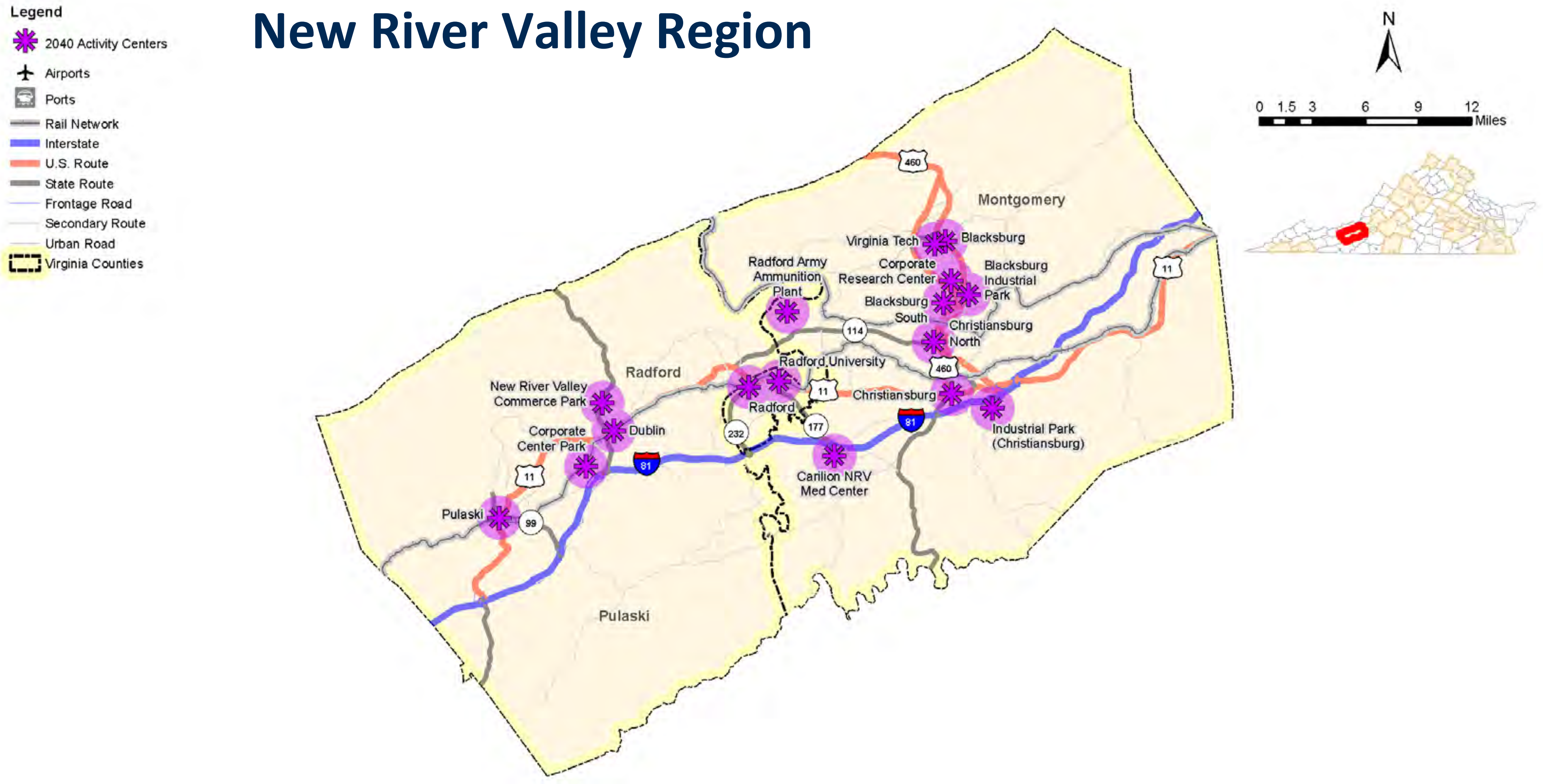
REGIONAL NETWORKS | ACTIVITY CENTERS

Kingsport Region


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 0.75 1.5 3 4.5 6 Miles
Scott
Fort Blackmore
Duffield
Gate City
Gate City
72
65
72
71
23
23
58
224

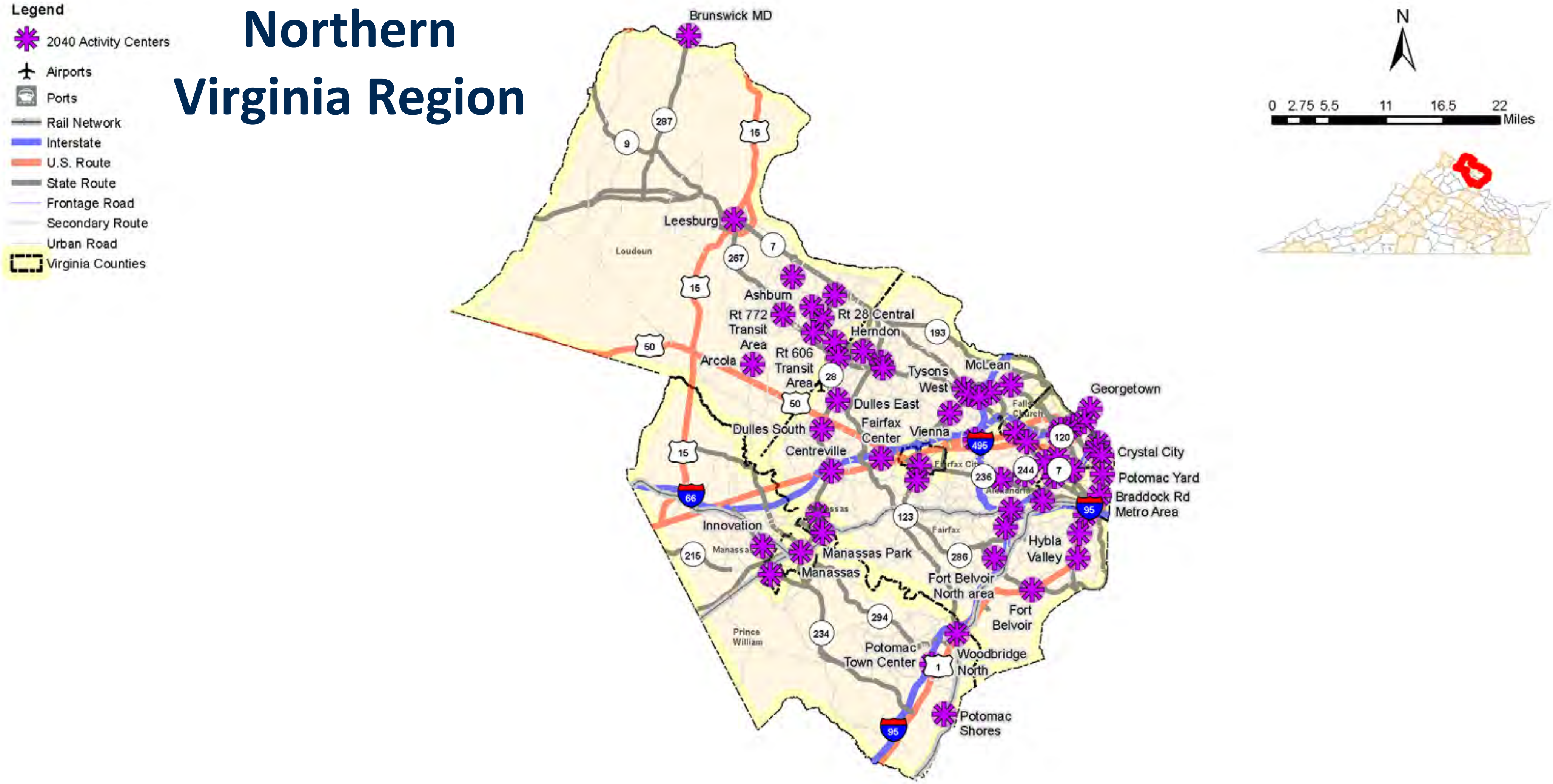
REGIONAL NETWORKS | ACTIVITY CENTERS

New River Valley Region


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 1.5 3 6 9 12
Miles
Montgomery
Radford
Pulaski
460
Virginia Tech
Blacksburg
Radford Army Ammunition Plant
Corporate Research Center
Blacksburg Industrial Park
Blacksburg South
Christiansburg North
114
11
Radford University
460
11
Christiansburg
Radford
New River Valley Commerce Park
Dublin
Corporate Center Park
232
177
81
81
Industrial Park (Christiansburg)
Carilion NRV Med Center
11
Pulaski
99

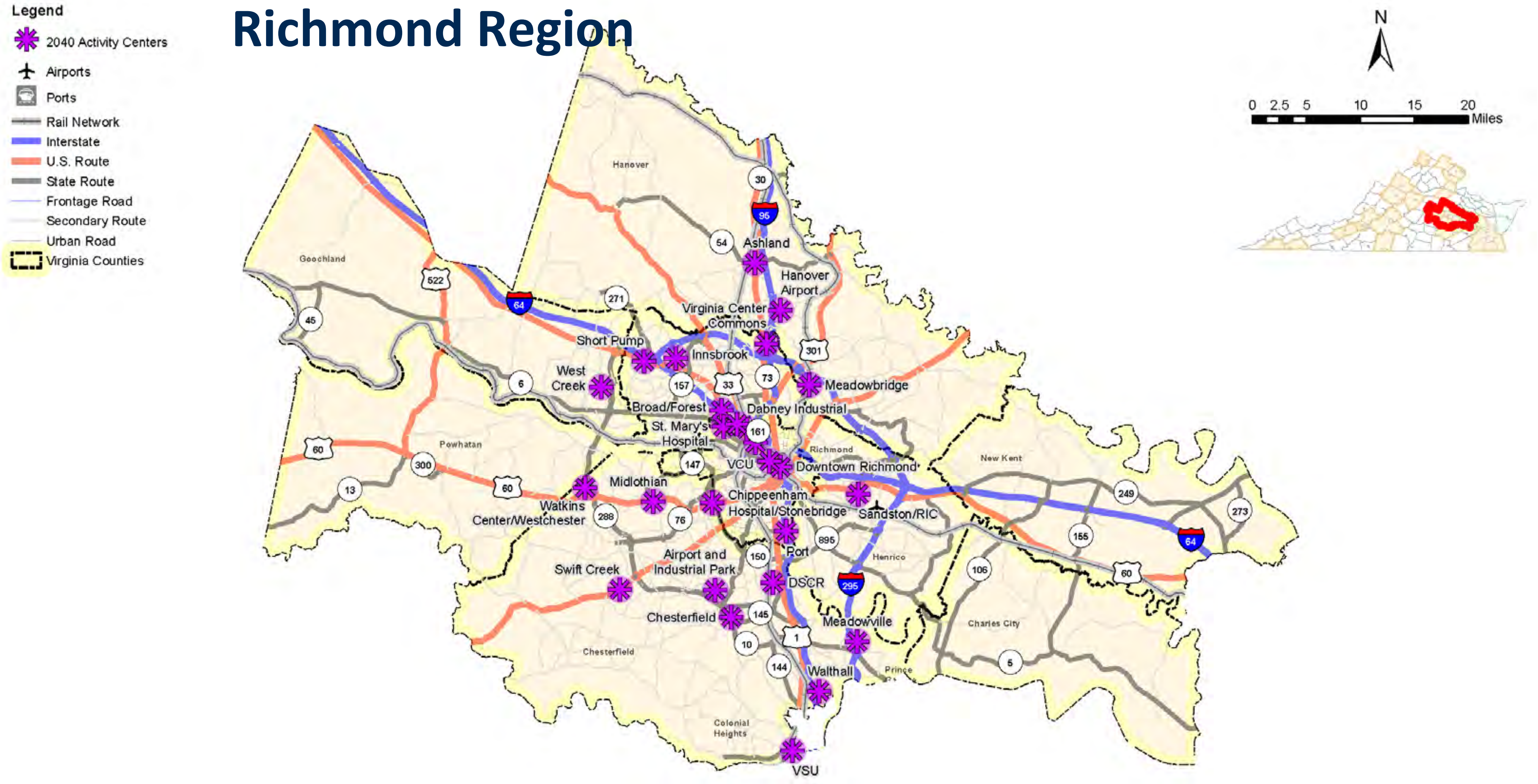
REGIONAL NETWORKS | ACTIVITY CENTERS

Northern Virginia Region


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
Brunswick MD
Leesburg
Loudoun
Ashburn
Rt 772 Transit Area
Rt 28 Central
Herndon
Arcola
Rt 606 Transit Area
Tysons West
McLean
Dulles East
Georgetown
Dulles South
Fairfax Center
Vienna
Falls Church
Centreville
Crystal City
Potomac Yard
Braddock Rd Metro Area
Innovation
Manassas Park
Manassas
Hybla Valley
Fort Belvoir North area
Fort Belvoir
Potomac Town Center
Woodbridge North
Potomac Shores
Prince William
Fairfax
Alexandria
N
0 2.75 5.5 11 16.5 22 Miles

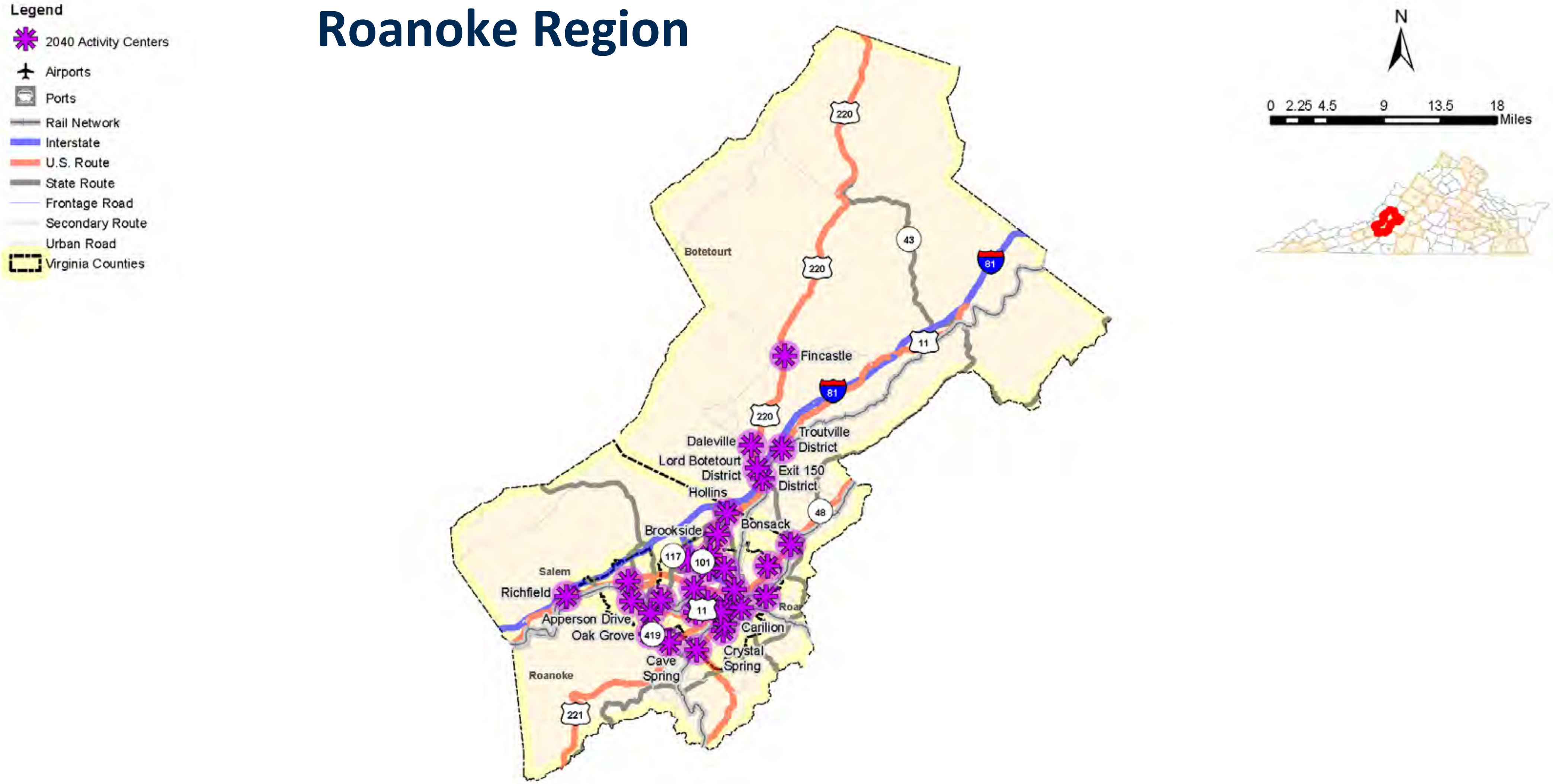
REGIONAL NETWORKS | ACTIVITY CENTERS

Richmond Region


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 2.5 5 10 15 20
Miles
Hanover
Goochland
Powhatan
Chesterfield
Richmond
Henrico
New Kent
Charles City
Colonial Heights
Prince
Ashland
Hanover Airport
Virginia Center Commons
Short Pump
Innsbrook
West Creek
Meadowbridge
Dabney Industrial
Broad/Forest
St. Mary's Hospital
VCU
Downtown Richmond
Midlothian
Watkins Center/Westchester
Chippeenham Hospital/Stonebridge
Sandston/RIC
Port
Airport and Industrial Park
Swift Creek
DSCR
Chesterfield
Meadowville
Walthall
VSU
30
95
54
522
64
271
45
301
6
157
33
73
161
60
300
147
13
288
76
249
273
155
895
150
106
295
145
1
10
144
5

REGIONAL NETWORKS | ACTIVITY CENTERS

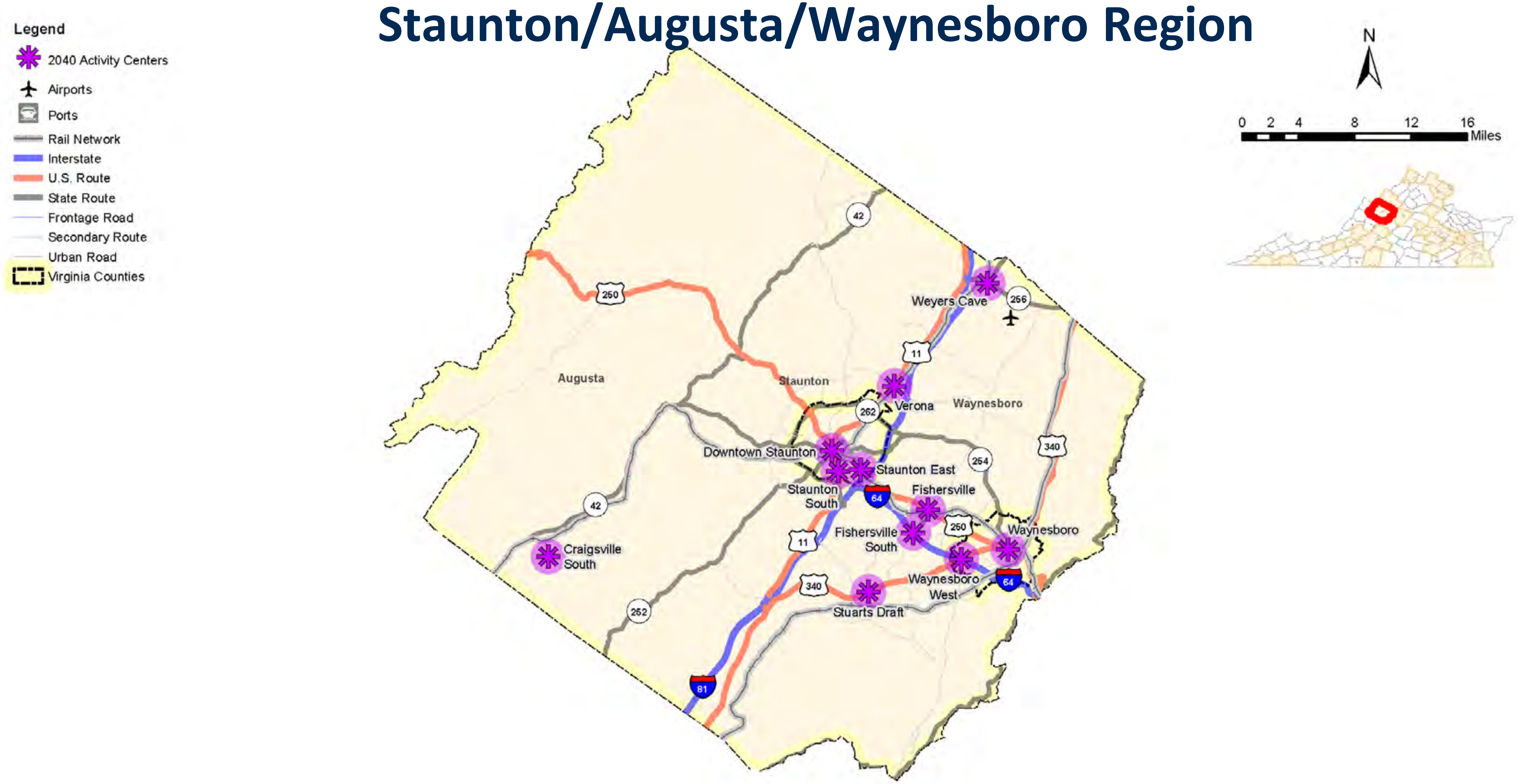
Roanoke Region



Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 2.25 4.5 9 13.5 18 Miles
Botetourt
220
43
81
11
Fincastle
Daleville
Troutville District
Lord Botetourt District
Exit 150 District
Hollins
48
Bonsack
Brookside
117
101
Salem
Richfield
Apperson Drive
Oak Grove
419
Roa
Carilion
Crystal Spring
Cave Spring
Roanoke
221

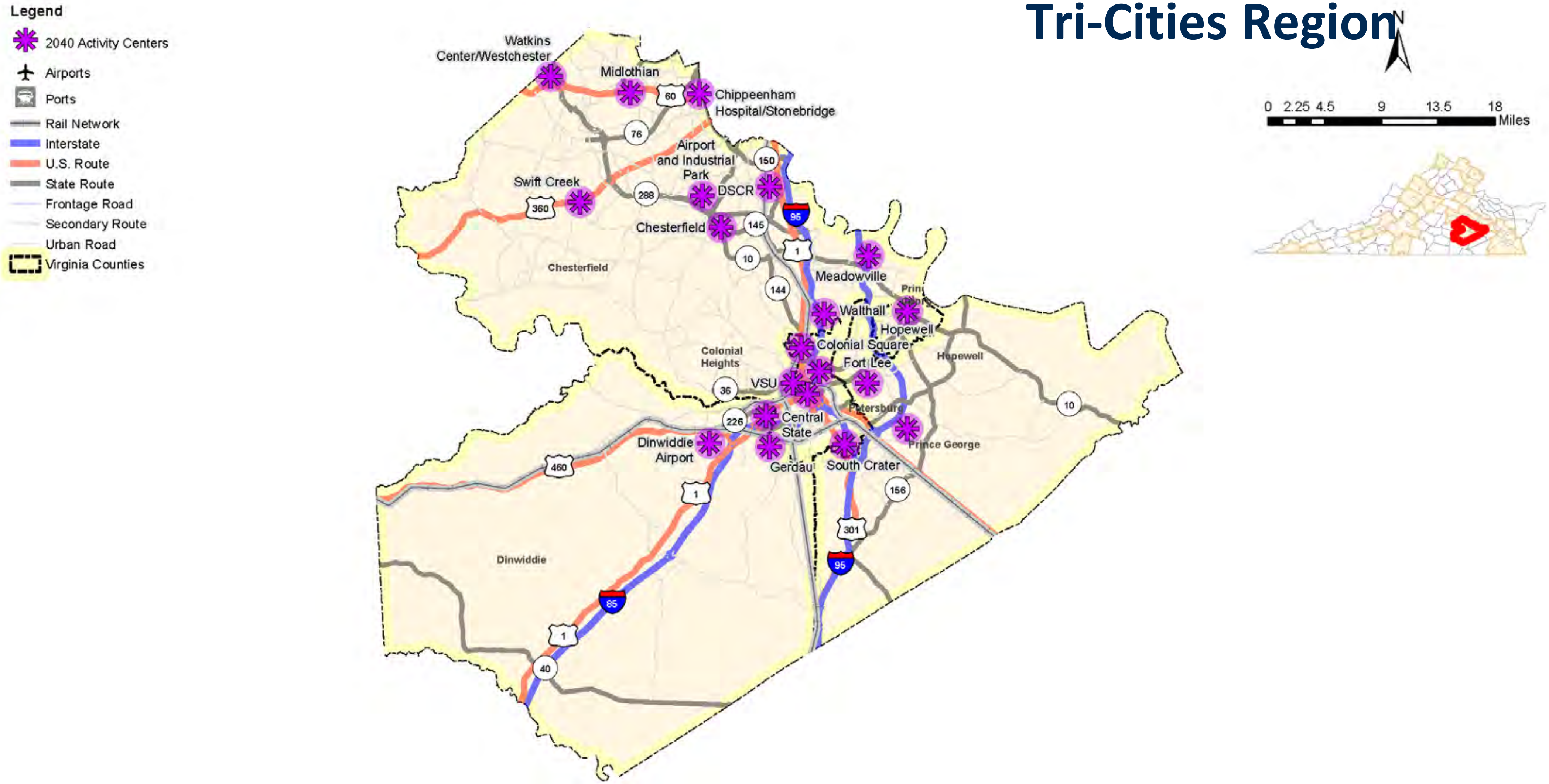
REGIONAL NETWORKS | ACTIVITY CENTERS

Staunton/Augusta/Waynesboro Region


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 2 4 8 12 16 Miles
Augusta
Staunton
Waynesboro
Weyers Cave
Verona
Downtown Staunton
Staunton East
Staunton South
Fishersville
Fishersville South
Waynesboro
Waynesboro West
Stuarts Draft
Craigsville South
42
250
256
11
262
254
340
64
252
81

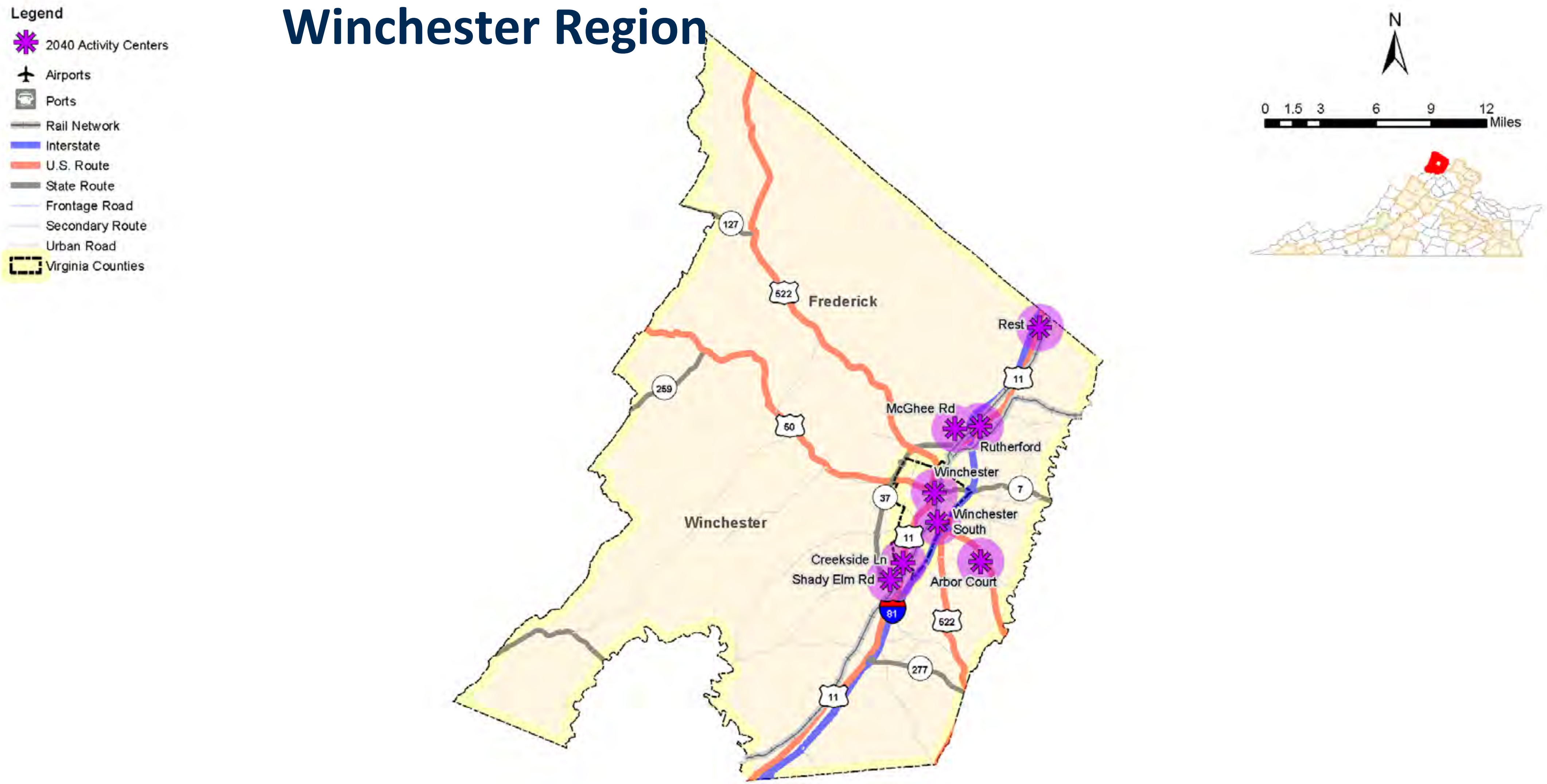
REGIONAL NETWORKS | ACTIVITY CENTERS

Tri-Cities Region


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 2.25 4.5 9 13.5 18
Miles
Watkins Center/Westchester
Midlothian
Chippeenham Hospital/Stonebridge
Airport and Industrial Park
Swift Creek
DSCR
Chesterfield
Meadowville
Walthall
Hopewell
Colonial Square
Fort Lee
VSU
Central State
Dinwiddie Airport
Gerdau
South Crater
Petersburg
Prince George
Colonial Heights
Chesterfield
Dinwiddie
Hopewell
60
76
150
288
360
145
95
10
1
144
36
226
460
156
301
85
40

REGIONAL NETWORKS | ACTIVITY CENTERS

Winchester Region

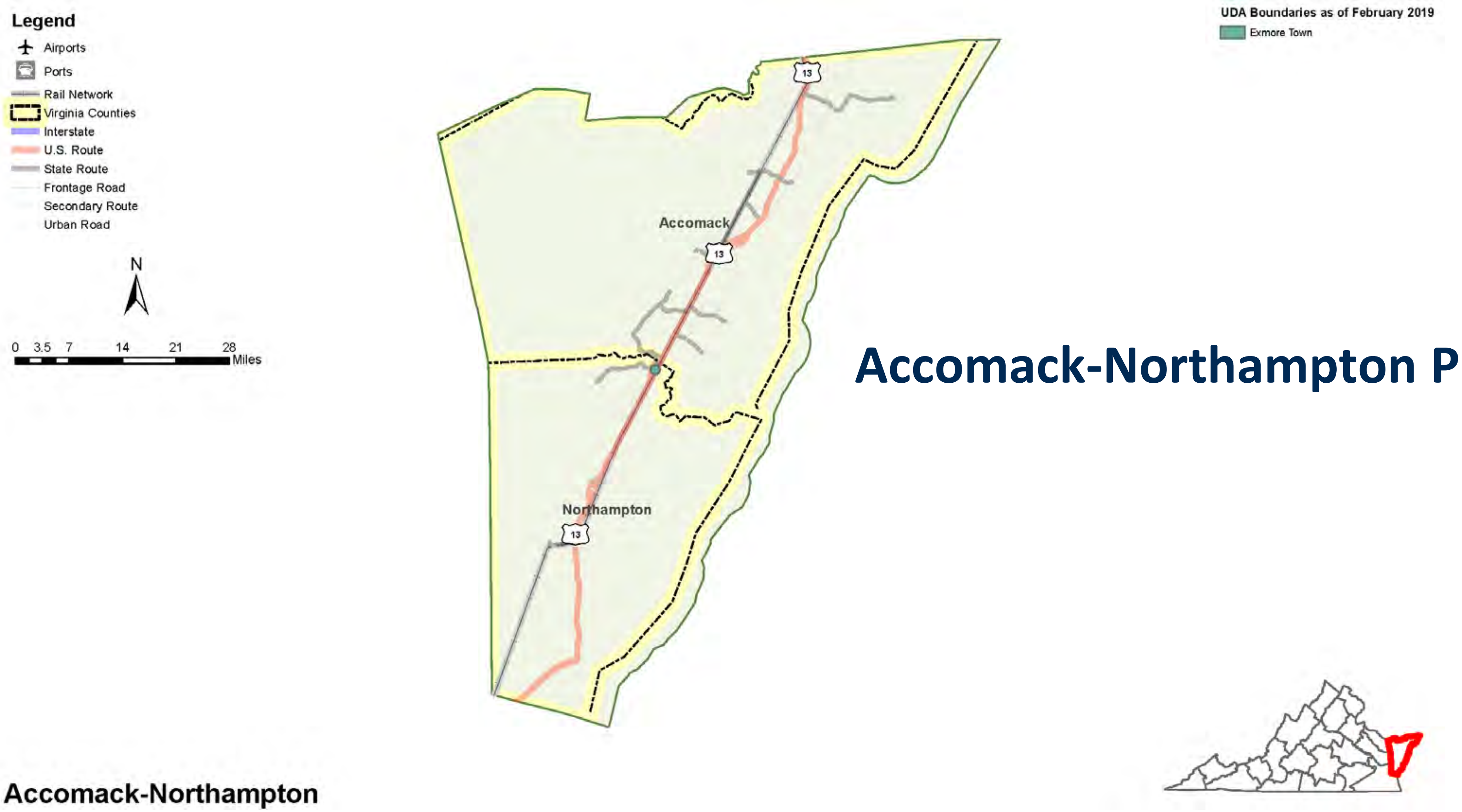


Legend
2040 Activity Centers
Airports
Ports
Rail Network
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
Virginia Counties
N
0 1.5 3 6 9 12
Miles
Frederick
Winchester
Rest
McGhee Rd
Rutherford
Winchester
Winchester South
Creekside Ln
Shady Elm Rd
Arbor Court
127
522
259
50
11
37
7
81
277

VTRANS | VIRGINIA'S TRANSPORTATION PLAN

URBAN DEVELOPMENT AREAS

URBAN DEVELOPMENT AREAS



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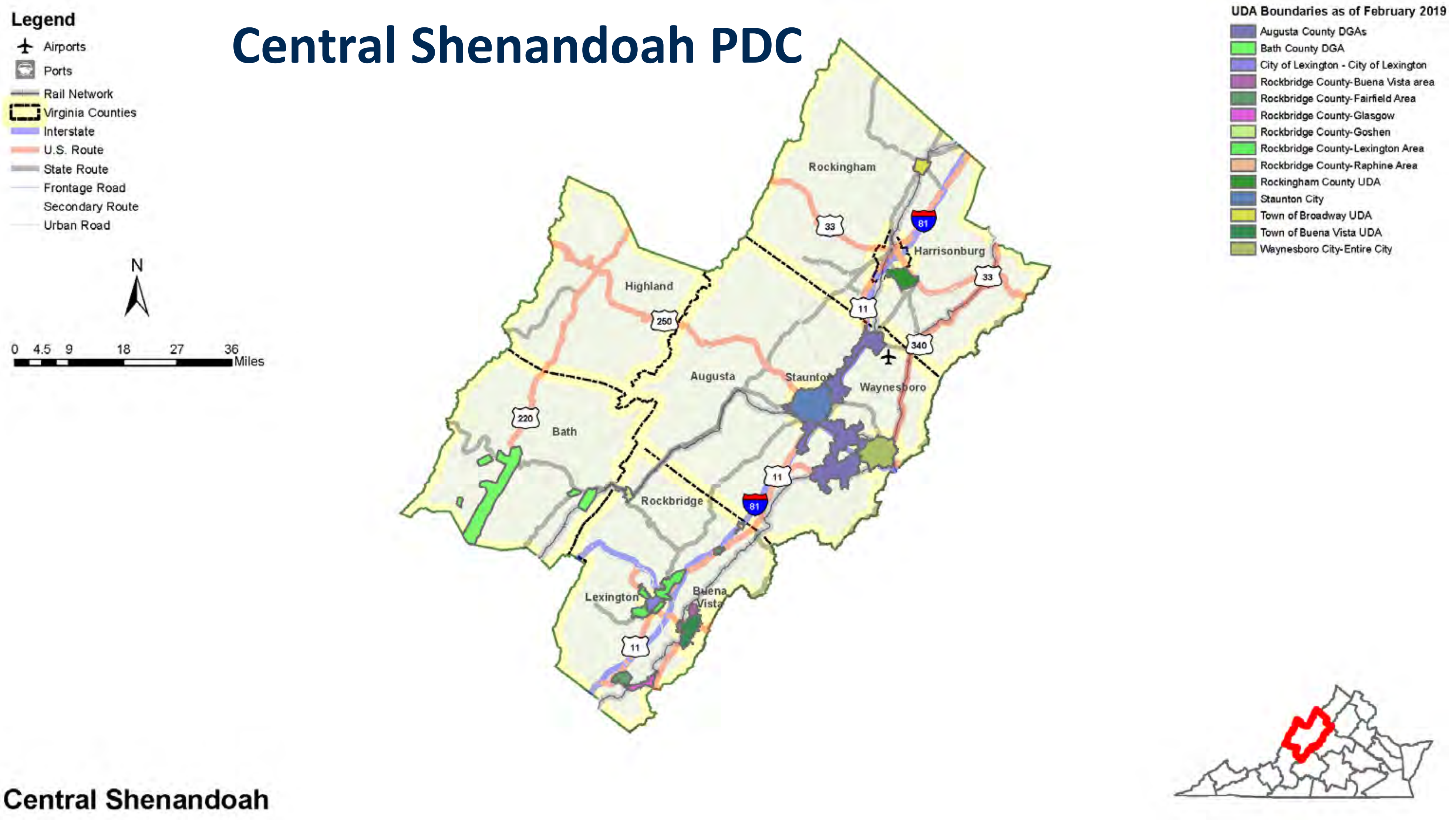
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 3.5 7 14 21 28
Miles
UDA Boundaries as of February 2019
Exmore Town
Accomack
Northampton
13
13
13
Accomack-Northampton

Accomack-Northampton PDC

URBAN DEVELOPMENT AREAS

Central Shenandoah PDC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Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
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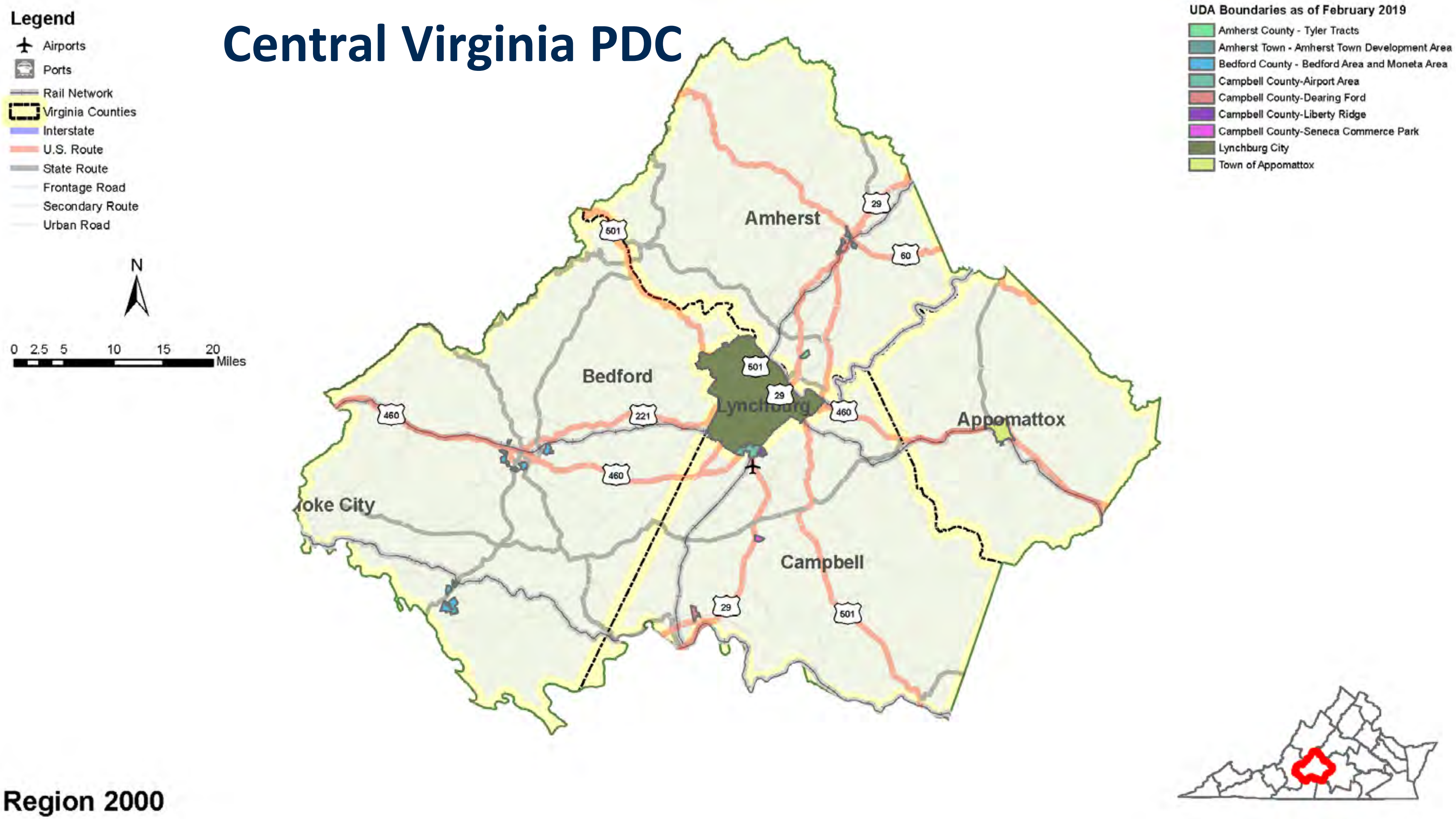
Miles
Rockingham
Harrisonburg
Highland
Augusta
Staunton
Waynesboro
Bath
Rockbridge
Lexington
Buena Vista
33
81
33
11
250
340
220
11
81
11
UDA Boundaries as of February 2019
Augusta County DGAs
Bath County DGA
City of Lexington - City of Lexington
Rockbridge County-Buena Vista area
Rockbridge County-Fairfield Area
Rockbridge County-Glasgow
Rockbridge County-Goshen
Rockbridge County-Lexington Area
Rockbridge County-Raphine Area
Rockingham County UDA
Staunton City
Town of Broadway UDA
Town of Buena Vista UDA
Waynesboro City-Entire City
Central Shenandoah

VTRANS | VIRGINIA'S TRANSPORTATION PLAN

URBAN DEVELOPMENT AREAS

Central Virginia PDC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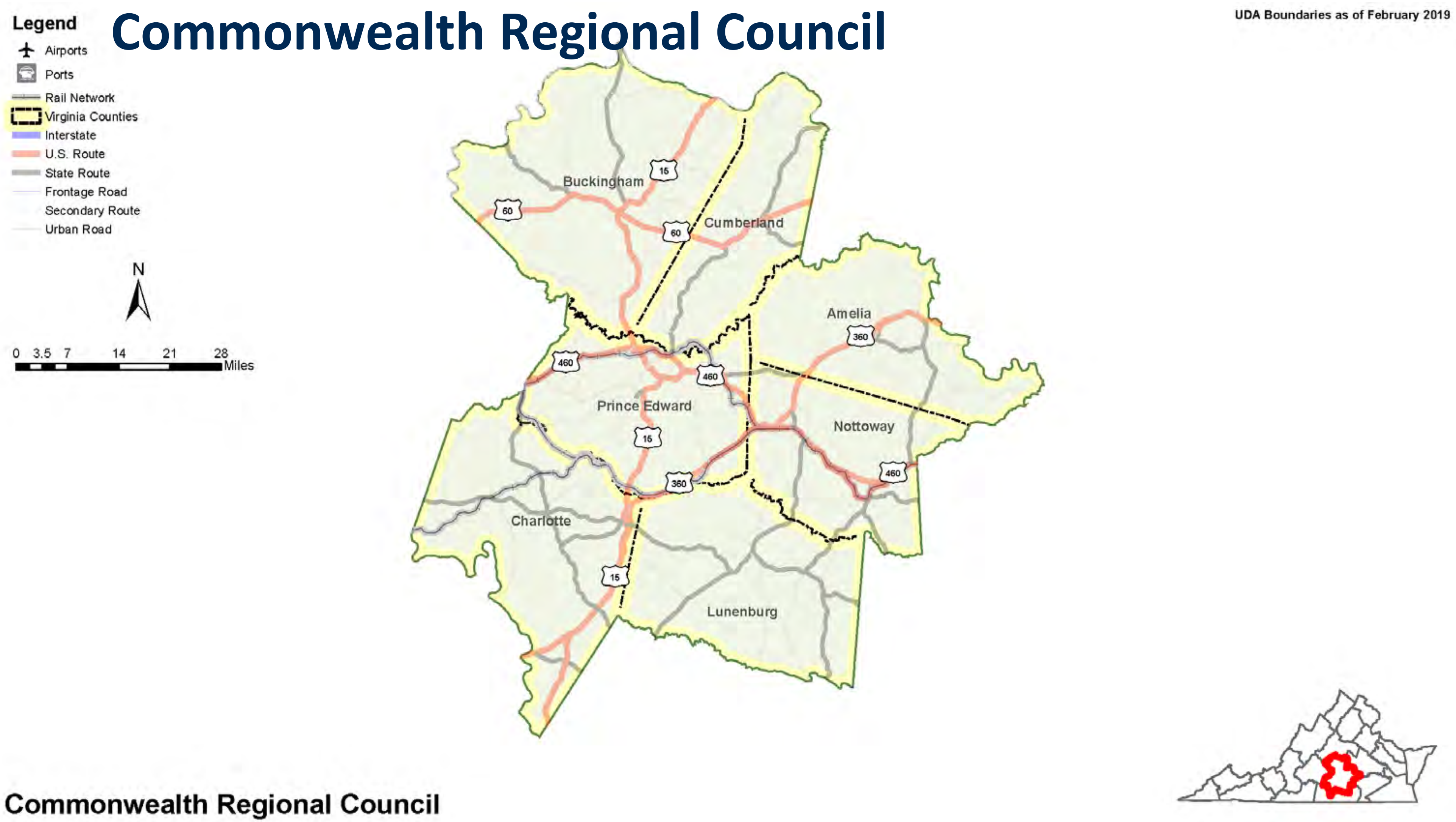
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.5 5 10 15 20
Miles
UDA Boundaries as of February 2019
Amherst County - Tyler Tracts
Amherst Town - Amherst Town Development Area
Bedford County - Bedford Area and Moneta Area
Campbell County-Airport Area
Campbell County-Dearing Ford
Campbell County-Liberty Ridge
Campbell County-Seneca Commerce Park
Lynchburg City
Town of Appomattox
Amherst
Bedford
Lynchburg
Appomattox
Campbell
oke City
29
60
501
501
29
460
221
460
460
29
501
Region 2000

URBAN DEVELOPMENT AREAS

Commonwealth Regional Council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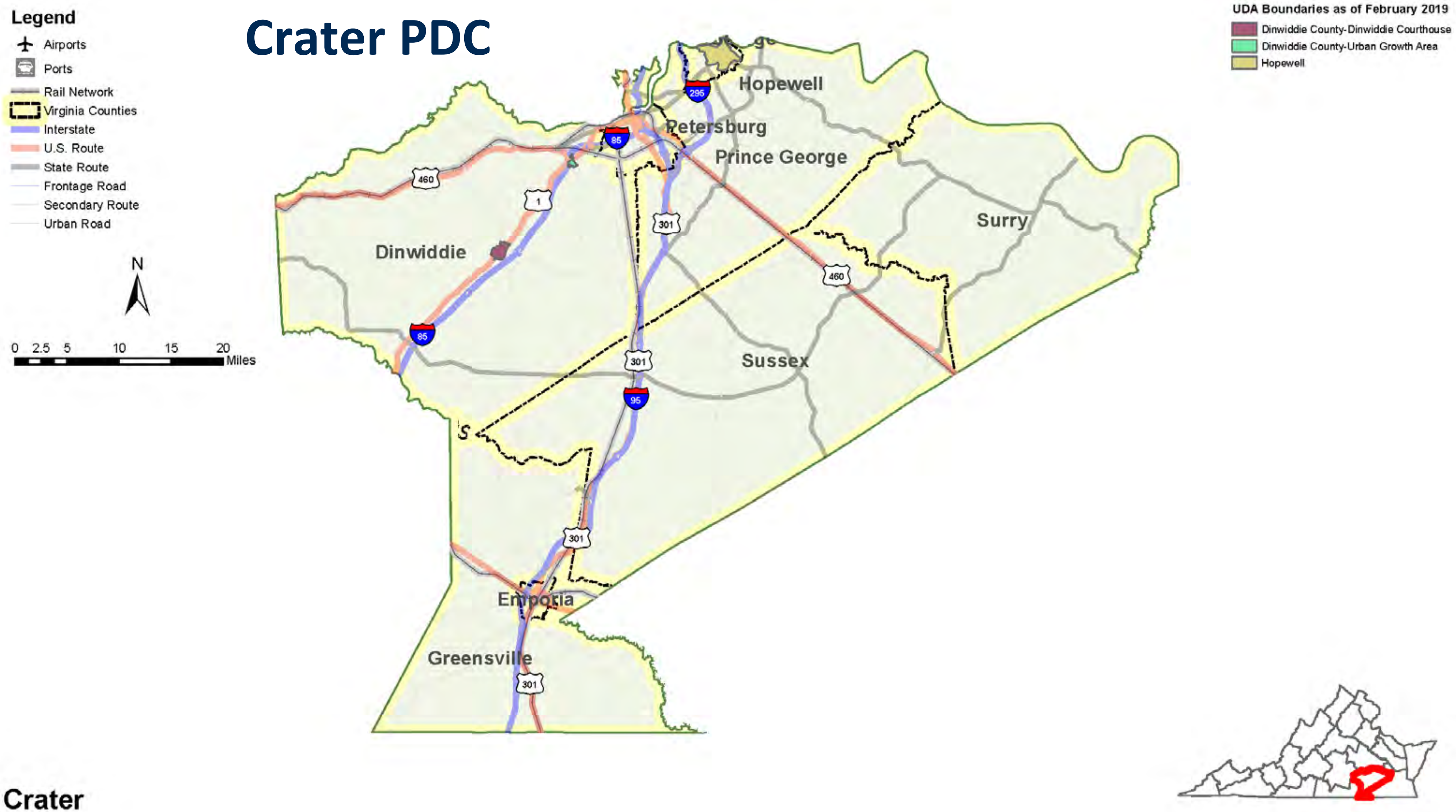
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 3.5 7 14 21 28 Miles
UDA Boundaries as of February 2019
Buckingham
Cumberland
Amelia
Prince Edward
Nottoway
Charlotte
Lunenburg
15
60
60
360
460
460
15
360
460
15
Commonwealth Regional Council

URBAN DEVELOPMENT AREAS

Crater PDC



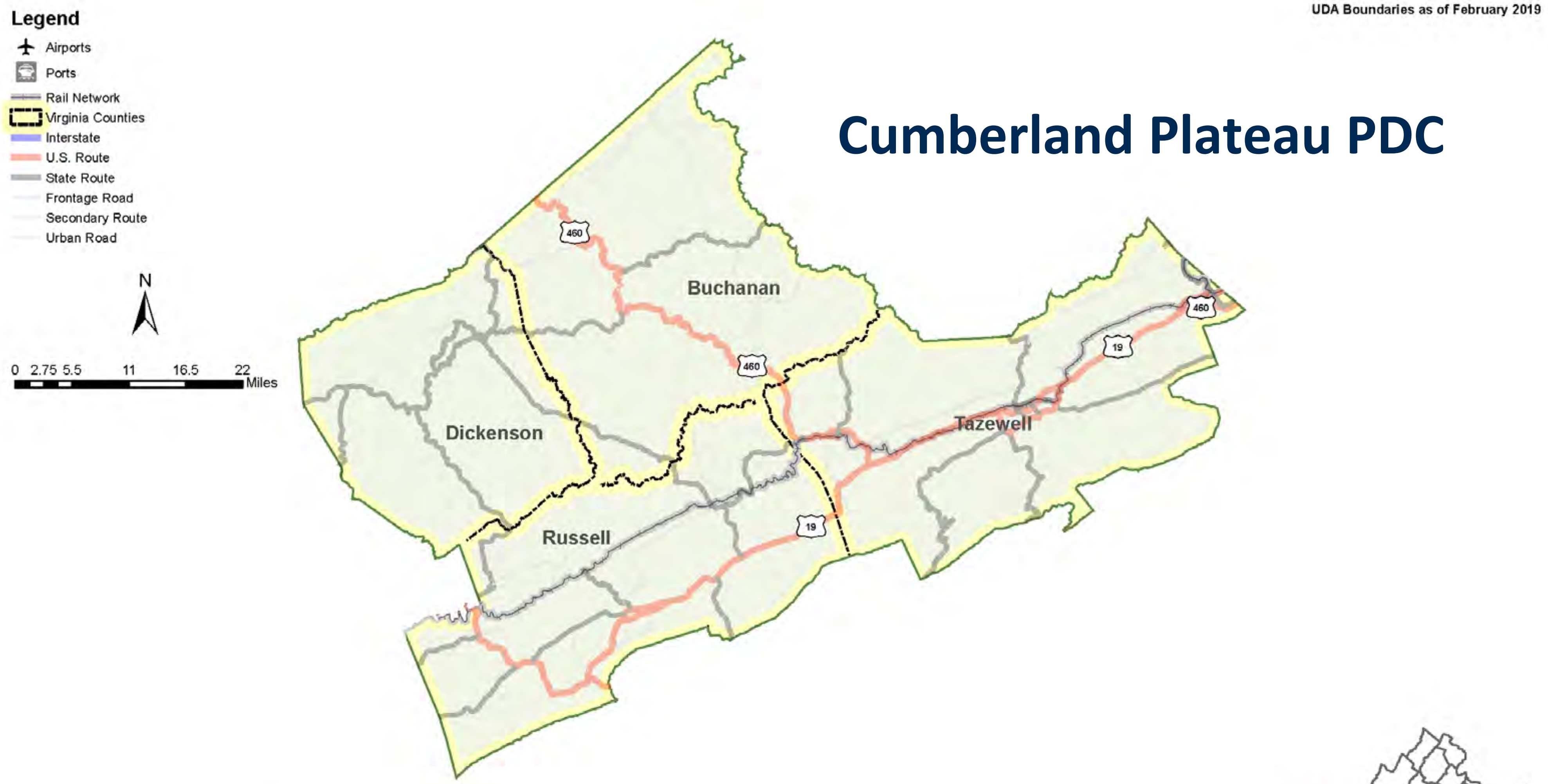
Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.5 5 10 15 20 Miles
UDA Boundaries as of February 2019
Dinwiddie County-Dinwiddie Courthouse
Dinwiddie County-Urban Growth Area
Hopewell
Hopewell
Petersburg
Prince George
Surry
Dinwiddie
Sussex
Emporia
Greensville
295
85
460
1
301
460
85
301
95
301
301

Crater

VTRANS | VIRGINIA'S TRANSPORTATION PLAN

URBAN DEVELOPMENT AREAS

Cumberland Plateau PDC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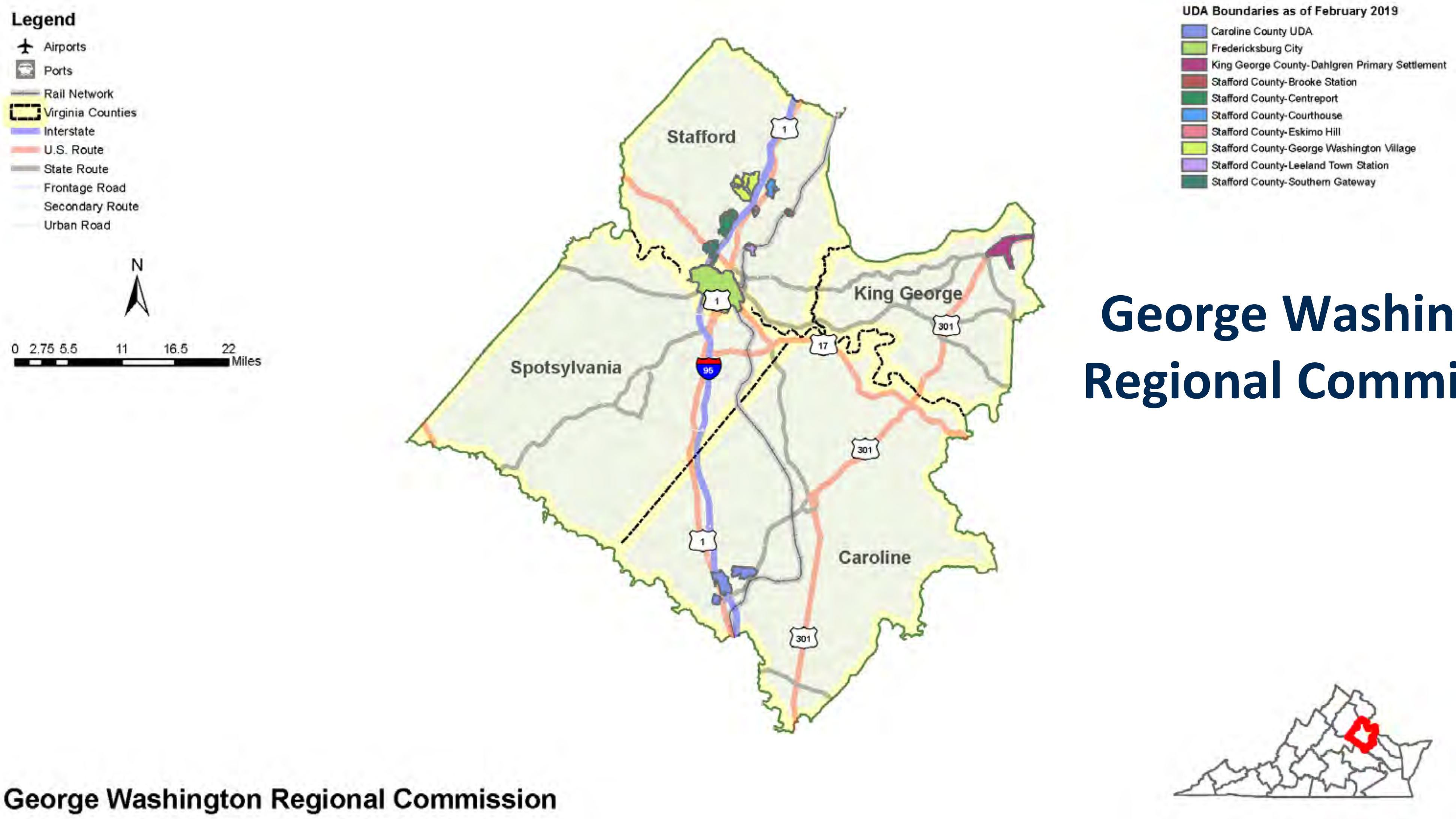
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.75 5.5 11 16.5 22 Miles
UDA Boundaries as of February 2019
Buchanan
Dickenson
Russell
Tazewell
460
19

Cumberland Plateau

VTRANS | VIRGINIA'S TRANSPORTATION PLAN

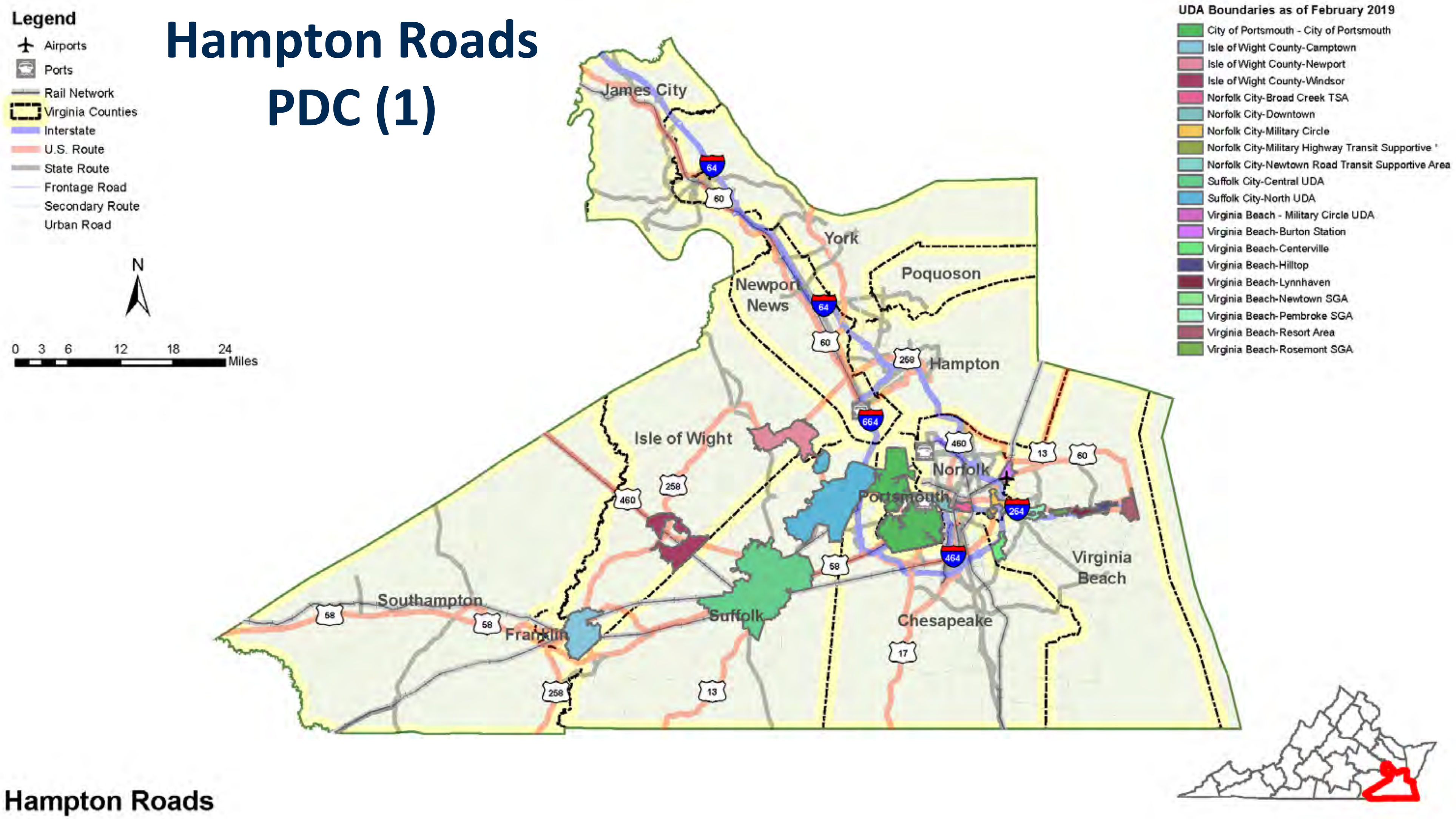
URBAN DEVELOPMENT AREAS


Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.75 5.5 11 16.5 22
Miles
UDA Boundaries as of February 2019
Caroline County UDA
Fredericksburg City
King George County-Dahlgren Primary Settlement
Stafford County-Brooke Station
Stafford County-Centreport
Stafford County-Courthouse
Stafford County-Eskimo Hill
Stafford County-George Washington Village
Stafford County-Leeland Town Station
Stafford County-Southern Gateway
Stafford
King George
Spotsylvania
Caroline
1
17
301
95
George Washington Regional Commission

George Washington Regional Commission

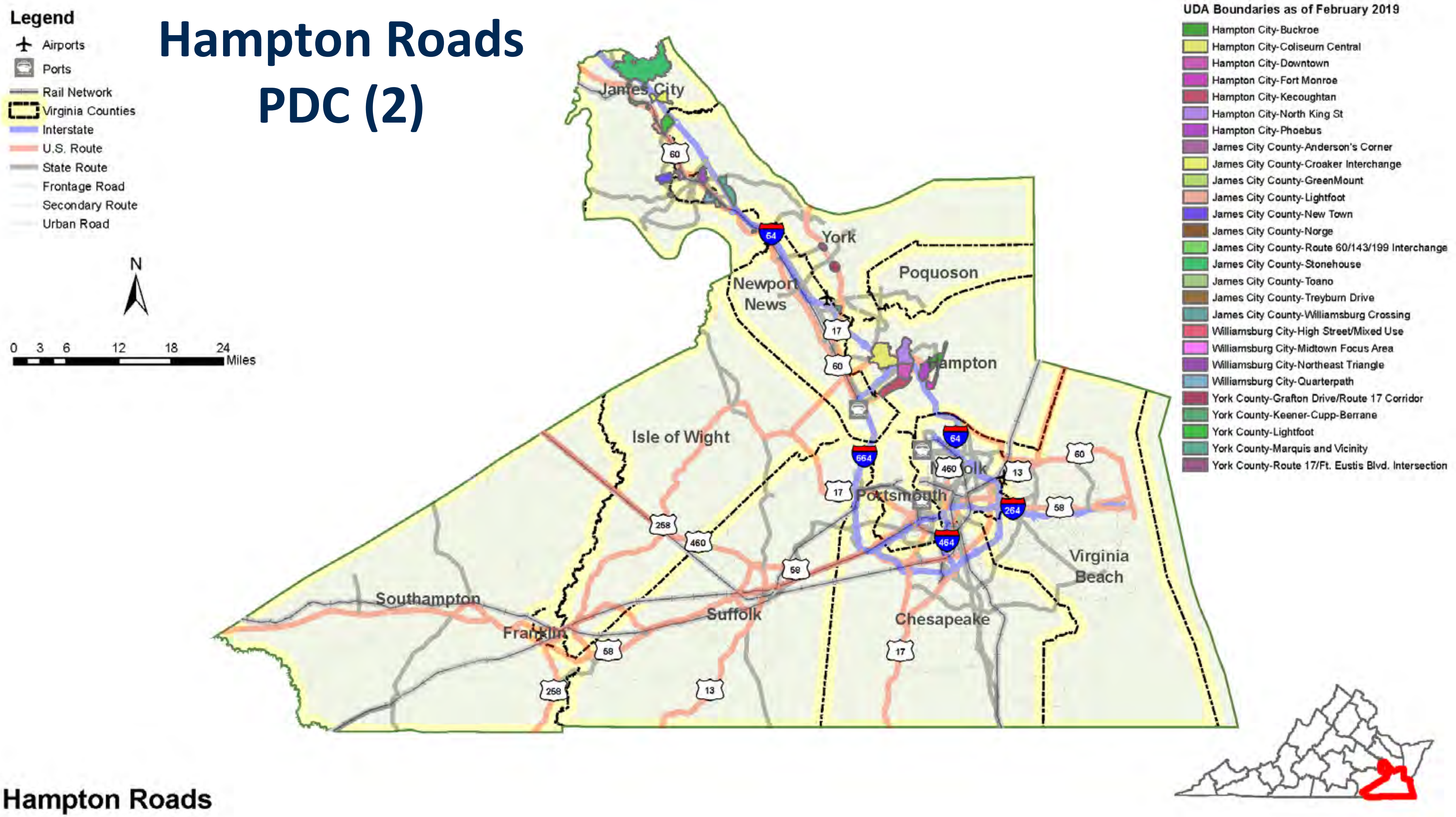
URBAN DEVELOPMENT AREAS

Hampton Roads PDC (1)


Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 3 6 12 18 24 Miles
UDA Boundaries as of February 2019
City of Portsmouth - City of Portsmouth
Isle of Wight County-Camptown
Isle of Wight County-Newport
Isle of Wight County-Windsor
Norfolk City-Broad Creek TSA
Norfolk City-Downtown
Norfolk City-Military Circle
Norfolk City-Military Highway Transit Supportive
Norfolk City-Newtown Road Transit Supportive Area
Suffolk City-Central UDA
Suffolk City-North UDA
Virginia Beach - Military Circle UDA
Virginia Beach-Burton Station
Virginia Beach-Centerville
Virginia Beach-Hilltop
Virginia Beach-Lynnhaven
Virginia Beach-Newtown SGA
Virginia Beach-Pembroke SGA
Virginia Beach-Resort Area
Virginia Beach-Rosemont SGA
James City
York
Poquoson
Newport News
Hampton
Isle of Wight
Norfolk
Portsmouth
Virginia Beach
Southampton
Franklin
Suffolk
Chesapeake
64
60
258
664
460
13
264
464
58
17
Hampton Roads

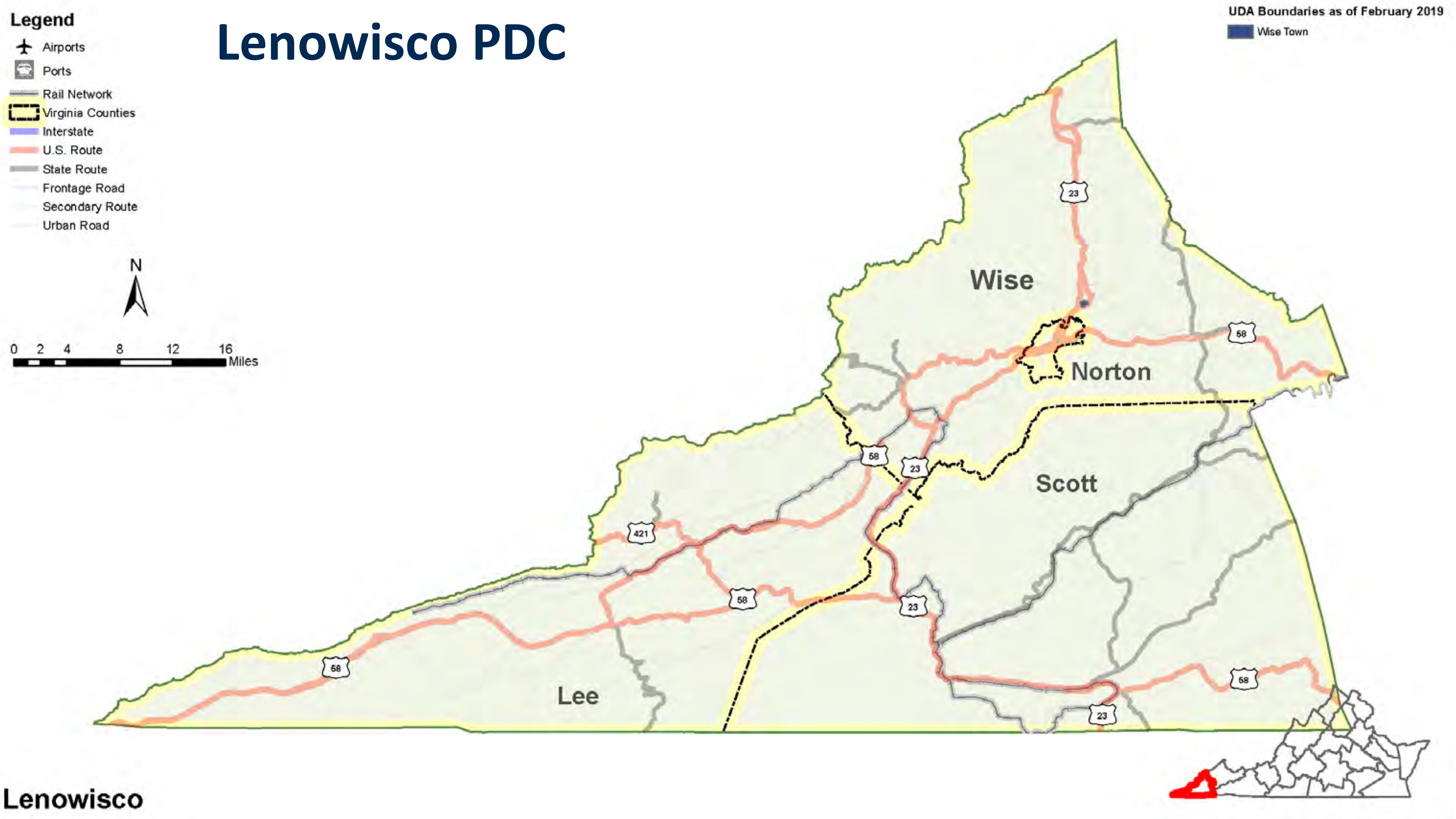
URBAN DEVELOPMENT AREAS

Hampton Roads PDC (2)


Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 3 6 12 18 24 Miles
UDA Boundaries as of February 2019
Hampton City-Buckroe
Hampton City-Coliseum Central
Hampton City-Downtown
Hampton City-Fort Monroe
Hampton City-Kecoughtan
Hampton City-North King St
Hampton City-Phoebus
James City County-Anderson's Corner
James City County-Croaker Interchange
James City County-GreenMount
James City County-Lightfoot
James City County-New Town
James City County-Norge
James City County-Route 60/143/199 Interchange
James City County-Stonehouse
James City County-Toano
James City County-Treyburn Drive
James City County-Williamsburg Crossing
Williamsburg City-High Street/Mixed Use
Williamsburg City-Midtown Focus Area
Williamsburg City-Northeast Triangle
Williamsburg City-Quarterpath
York County-Grafton Drive/Route 17 Corridor
York County-Keener-Cupp-Berrane
York County-Lightfoot
York County-Marquis and Vicinity
York County-Route 17/Ft. Eustis Blvd. Intersection
James City
York
Poquoson
Newport News
Hampton
Isle of Wight
Norfolk
Portsmouth
Virginia Beach
Southampton
Franklin
Suffolk
Chesapeake
60
64
17
60
664
64
460
13
60
17
264
58
464
258
460
58
58
258
13
17
Hampton Roads

URBAN DEVELOPMENT AREAS

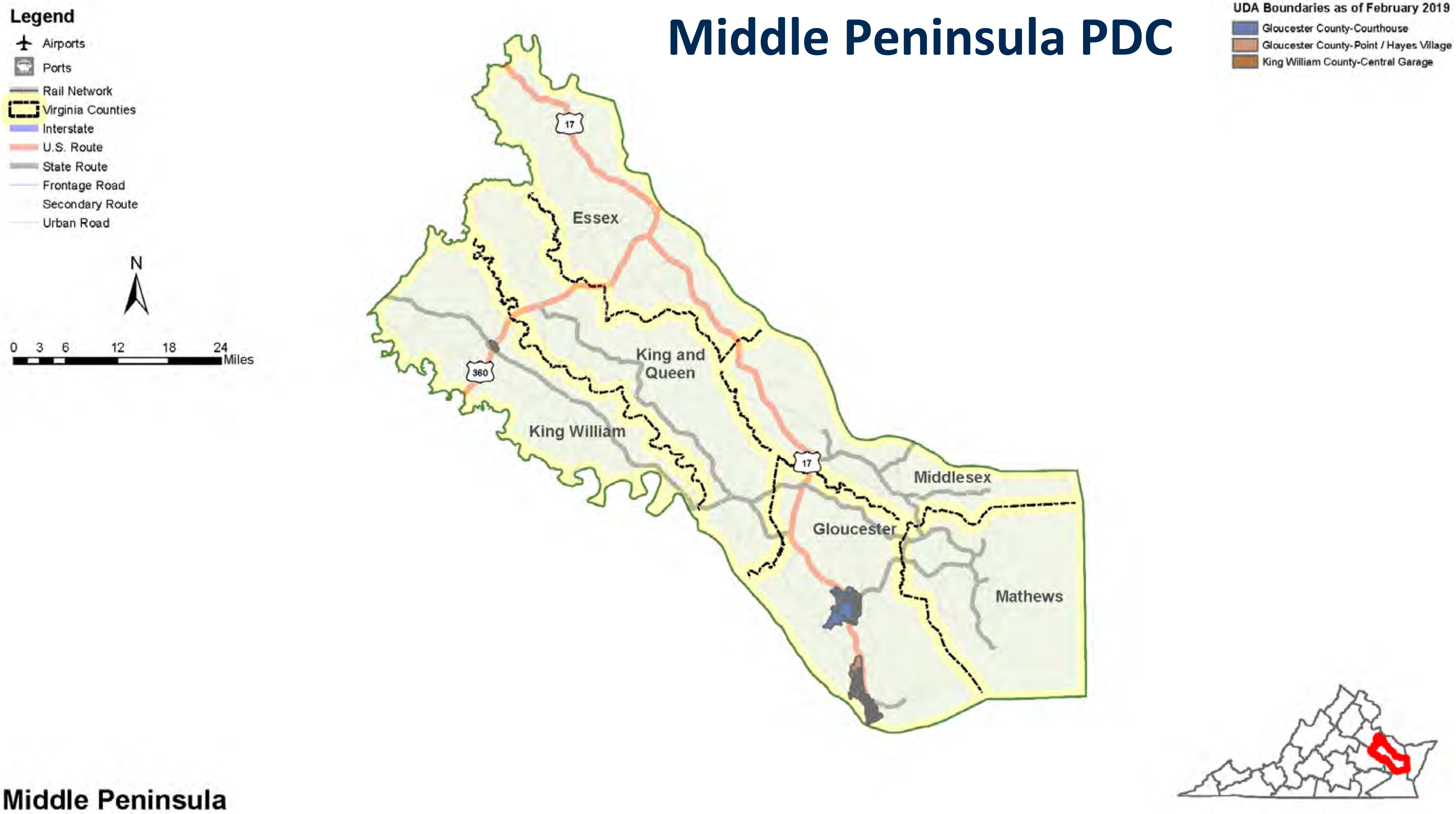
Lenowisco PDC


Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2 4 8 12 16
Miles
UDA Boundaries as of February 2019
Wise Town
Wise
Norton
Scott
Lee
23
58
421
Lenowisco

VIRGINIA'S TRANSPORTATION PLAN

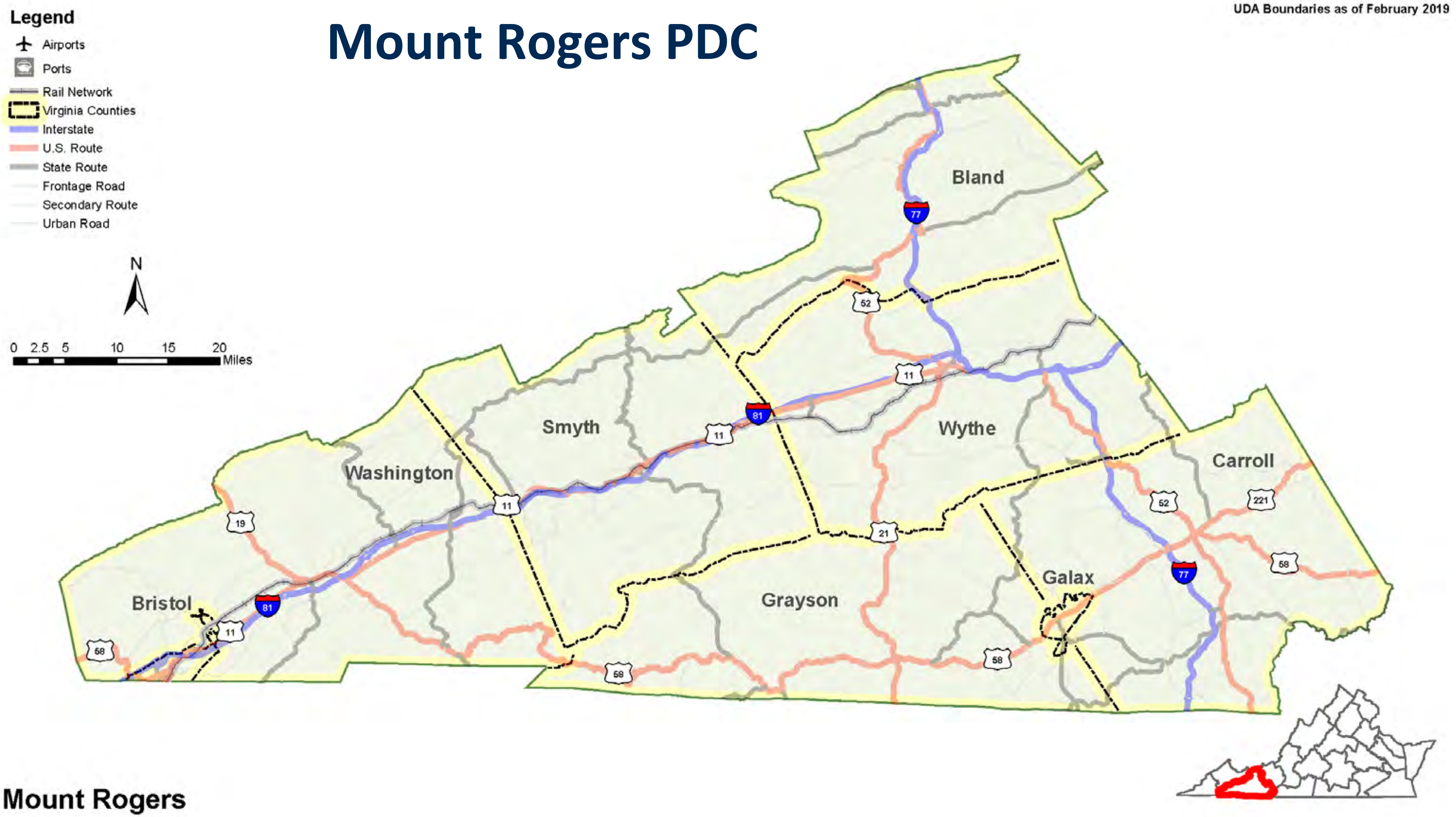
URBAN DEVELOPMENT AREAS

Middle Peninsula PDC



Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 3 6 12 18 24 Miles
UDA Boundaries as of February 2019
Gloucester County-Courthouse
Gloucester County-Point / Hayes Village
King William County-Central Garage
17
360
Essex
King and Queen
King William
Middlesex
Gloucester
Mathews
Middle Peninsula

URBAN DEVELOPMENT AREAS



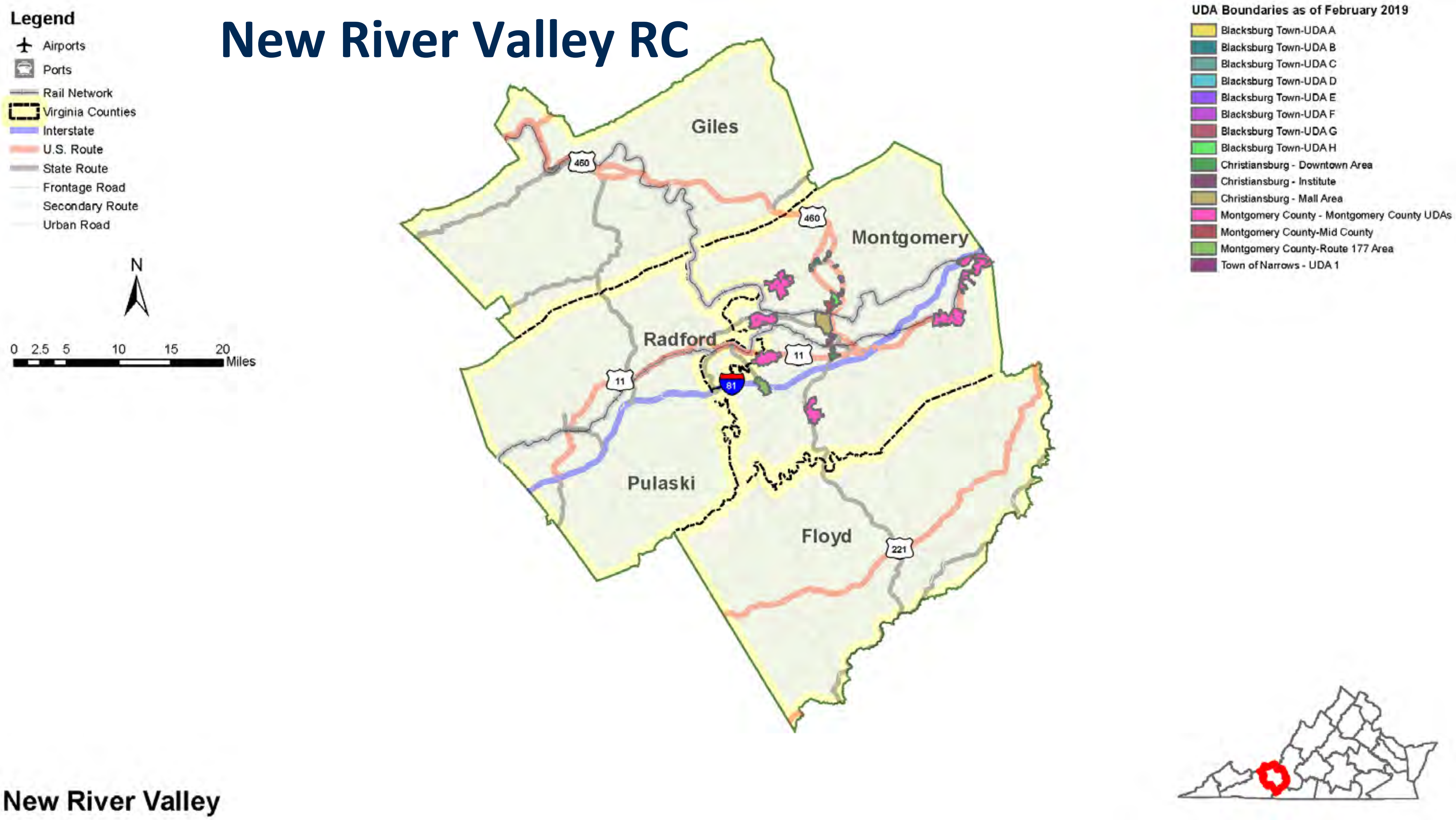
Mount Rogers PDC

UDA Boundaries as of February 2019

Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.5 5 10 15 20 Miles
Bland
Smyth
Wythe
Carroll
Washington
Grayson
Galax
Bristol
77
52
11
81
19
21
221
58
Mount Rogers

URBAN DEVELOPMENT AREAS

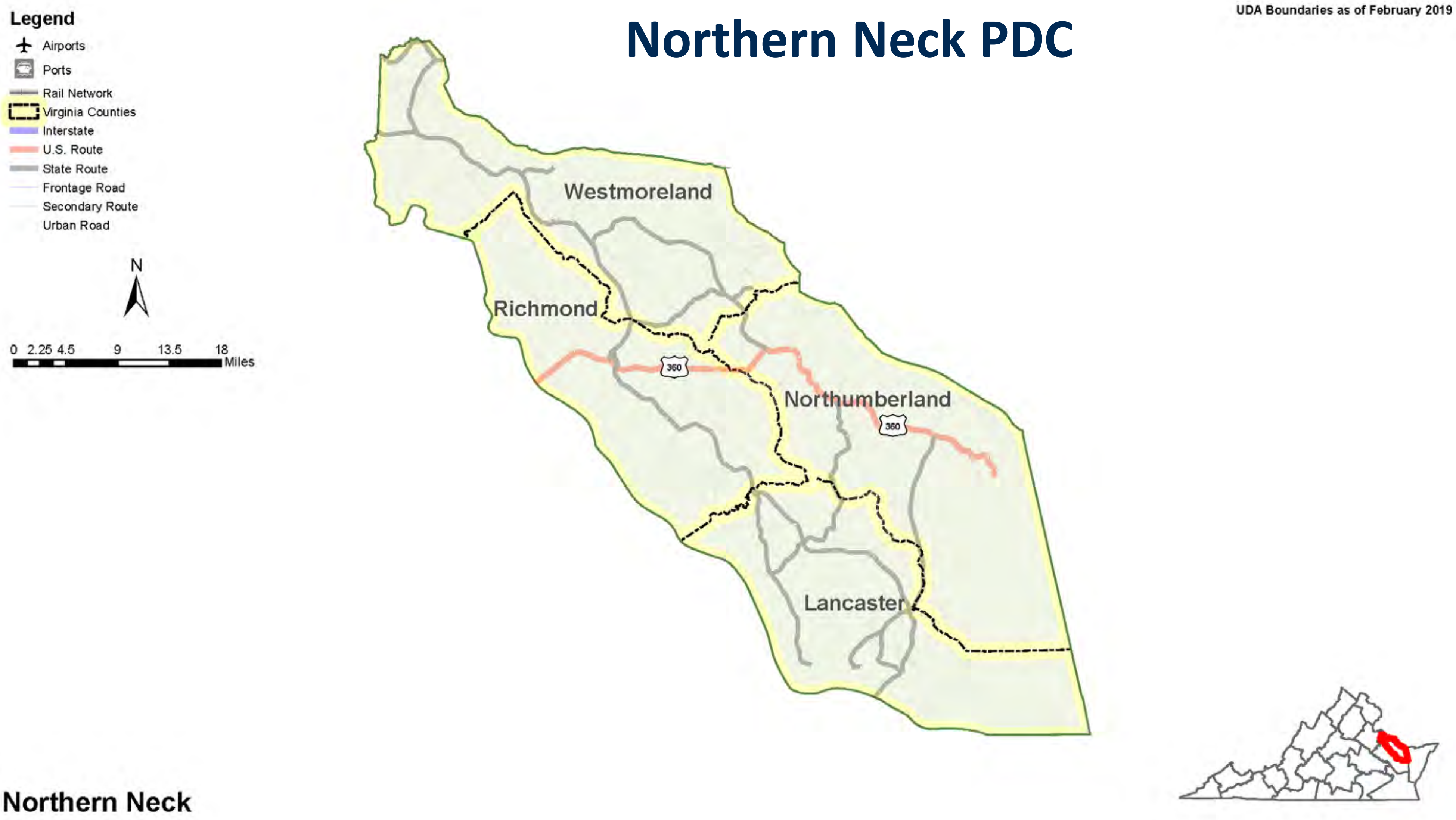
New River Valley RC


Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.5 5 10 15 20
Miles
Giles
Montgomery
Radford
Pulaski
Floyd
460
460
11
11
81
221
UDA Boundaries as of February 2019
Blacksburg Town-UDA A
Blacksburg Town-UDA B
Blacksburg Town-UDA C
Blacksburg Town-UDA D
Blacksburg Town-UDA E
Blacksburg Town-UDA F
Blacksburg Town-UDA G
Blacksburg Town-UDA H
Christiansburg - Downtown Area
Christiansburg - Institute
Christiansburg - Mall Area
Montgomery County - Montgomery County UDAs
Montgomery County-Mid County
Montgomery County-Route 177 Area
Town of Narrows - UDA 1
New River Valley

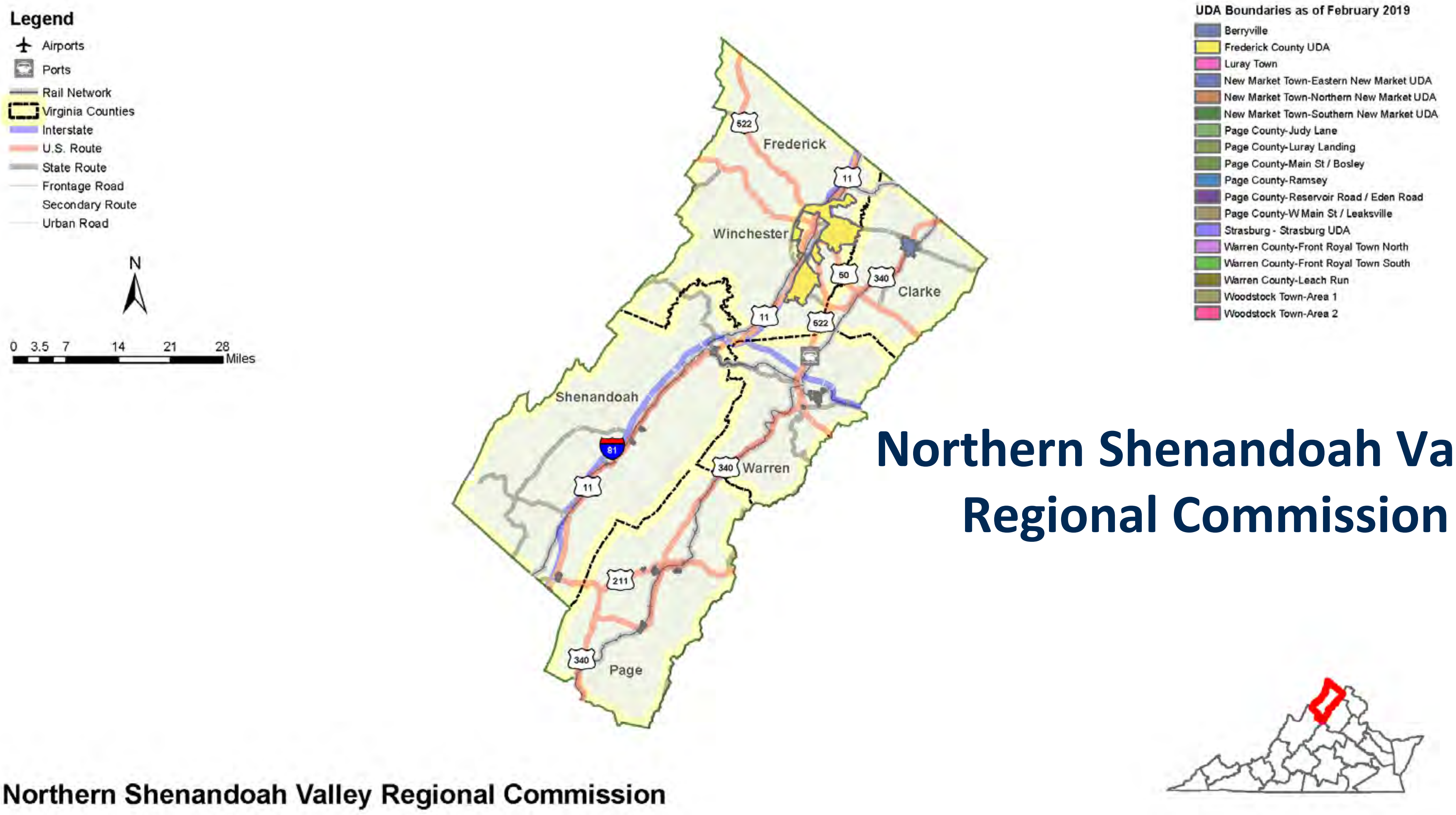
VTRANS | VIRGINIA'S TRANSPORTATION PLAN

URBAN DEVELOPMENT AREAS

Northern Neck PDC


UDA Boundaries as of February 2019
Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.25 4.5 9 13.5 18 Miles
Westmoreland
Richmond
Northumberland
Lancaster
360
360
Northern Neck

URBAN DEVELOPMENT AREAS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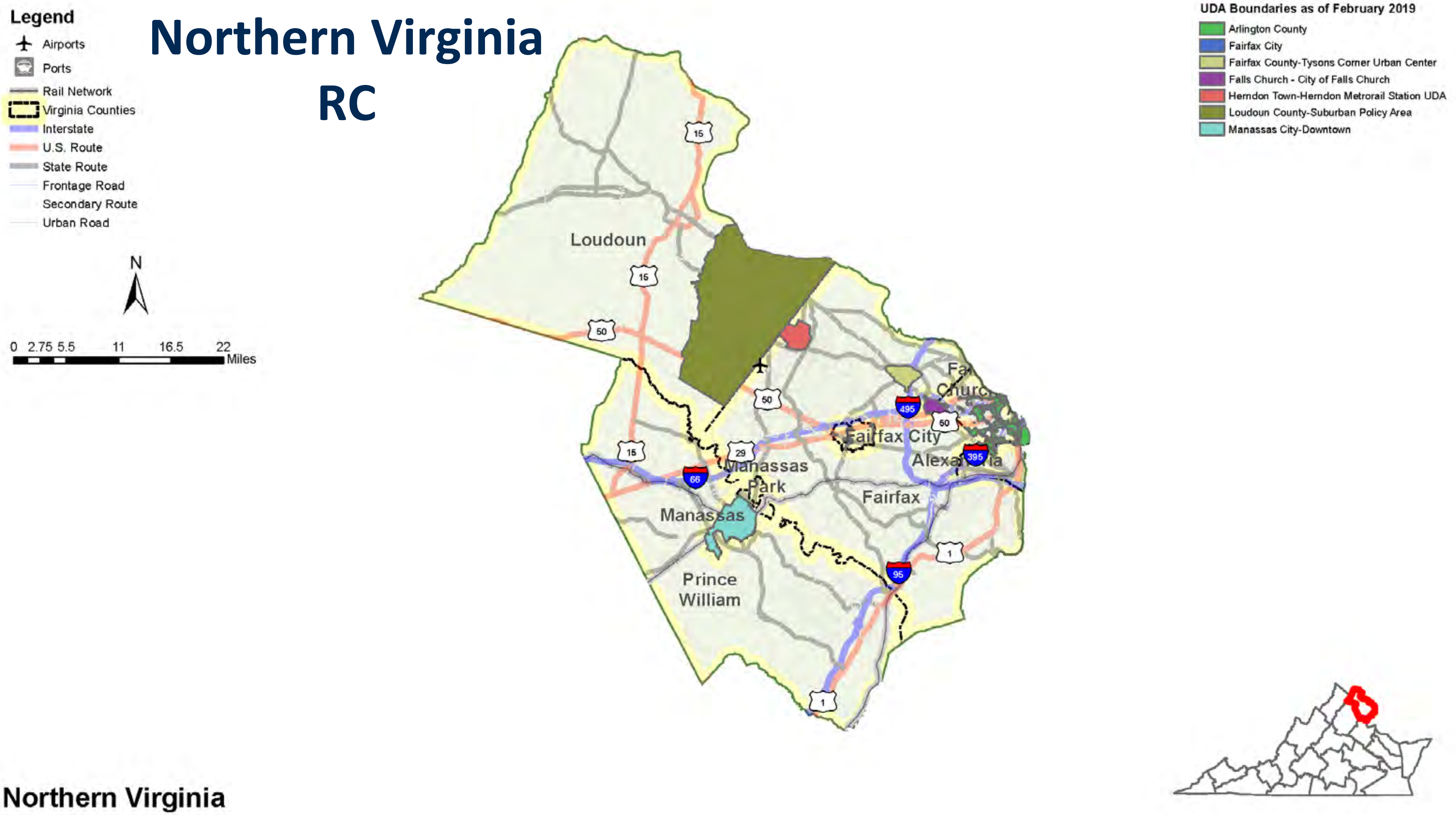
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0
3.5
7
14
21
28
Miles
UDA Boundaries as of February 2019
Berryville
Frederick County UDA
Luray Town
New Market Town-Eastern New Market UDA
New Market Town-Northern New Market UDA
New Market Town-Southern New Market UDA
Page County-Judy Lane
Page County-Luray Landing
Page County-Main St / Bosley
Page County-Ramsey
Page County-Reservoir Road / Eden Road
Page County-W Main St / Leaksville
Strasburg - Strasburg UDA
Warren County-Front Royal Town North
Warren County-Front Royal Town South
Warren County-Leach Run
Woodstock Town-Area 1
Woodstock Town-Area 2
522
Frederick
11
Winchester
50
340
Clarke
11
522
Shenandoah
81
11
340
Warren
211
340
Page

Northern Shenandoah Valley Regional Commission

Northern Shenandoah Valley Regional Commission

URBAN DEVELOPMENT AREAS

Northern Virginia RC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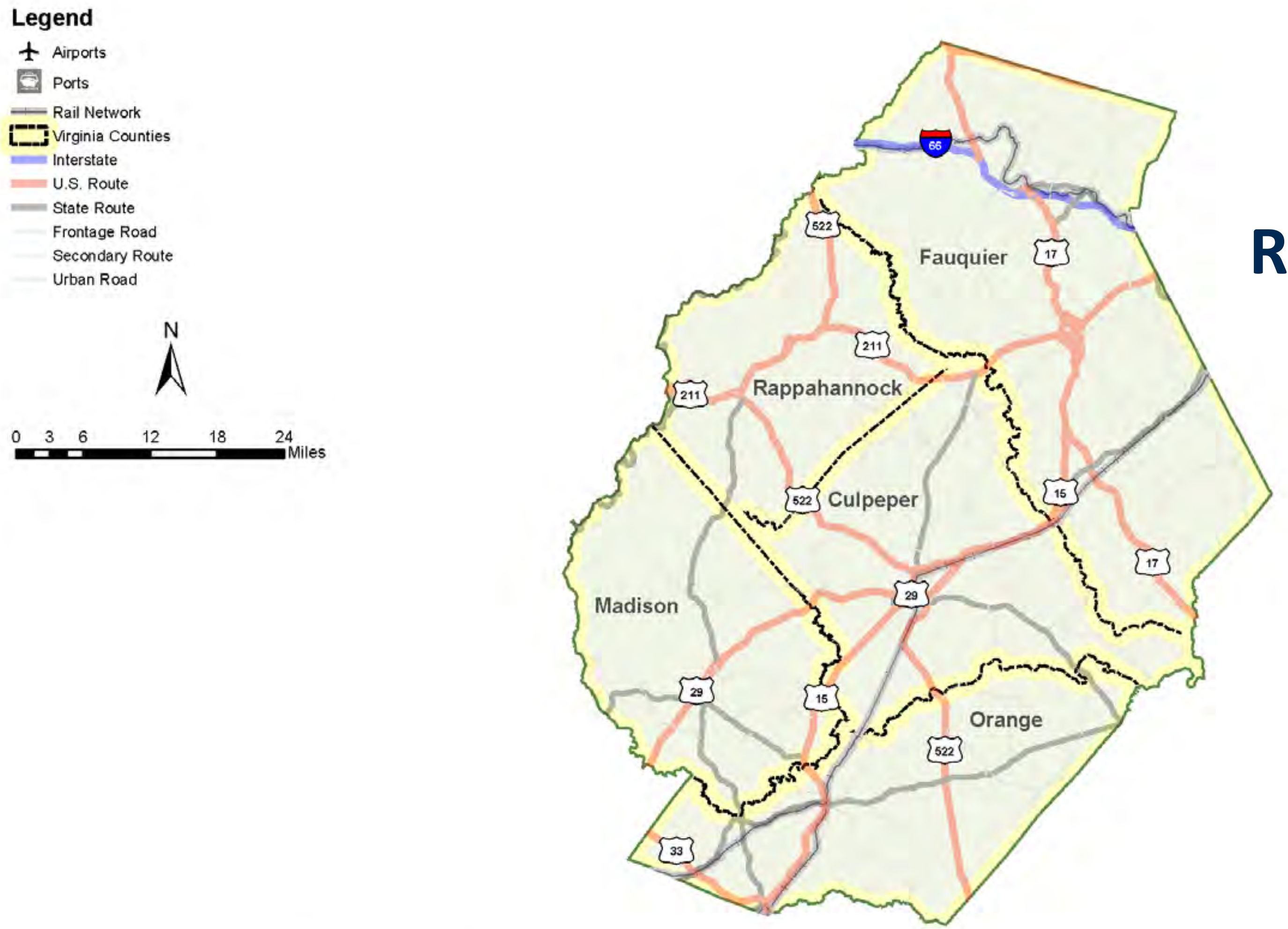
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.75 5.5 11 16.5 22 Miles
UDA Boundaries as of February 2019
Arlington County
Fairfax City
Fairfax County-Tysons Corner Urban Center
Falls Church - City of Falls Church
Herndon Town-Herndon Metrorail Station UDA
Loudoun County-Suburban Policy Area
Manassas City-Downtown
Loudoun
Fairfax City
Falls Church
Alexandria
Manassas Park
Manassas
Fairfax
Prince William
15
50
29
66
495
395
95
1
Northern Virginia

URBAN DEVELOPMENT AREAS

Rappahannock-Rapidan Regional Commission

UDA Boundaries as of February 2019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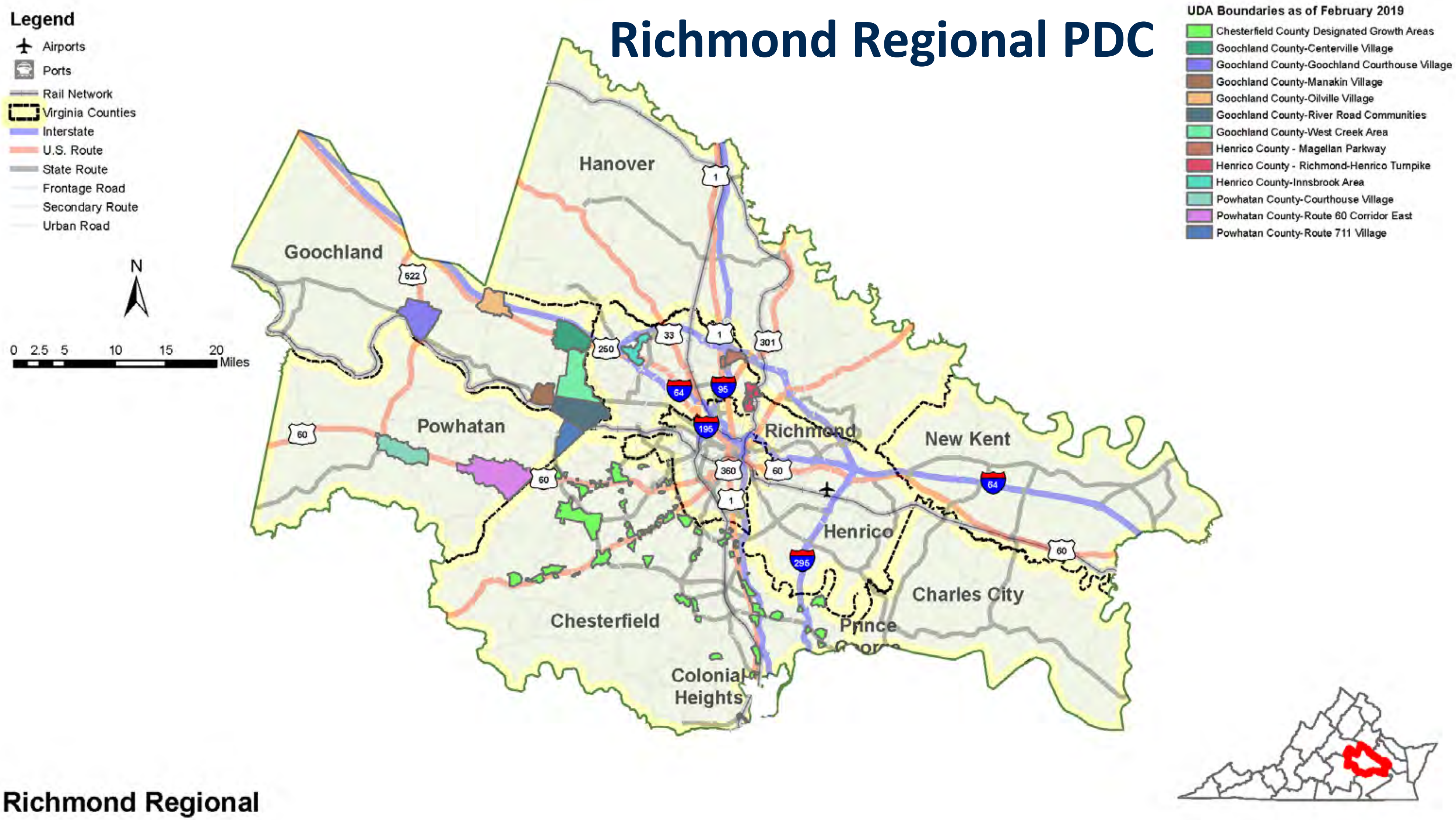
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 3 6 12 18 24
Miles
66
522
17
Fauquier
211
211
Rappahannock
522
Culpeper
15
17
29
Madison
29
15
Orange
522
33

Rappahannock - Rapidan Regional Commission

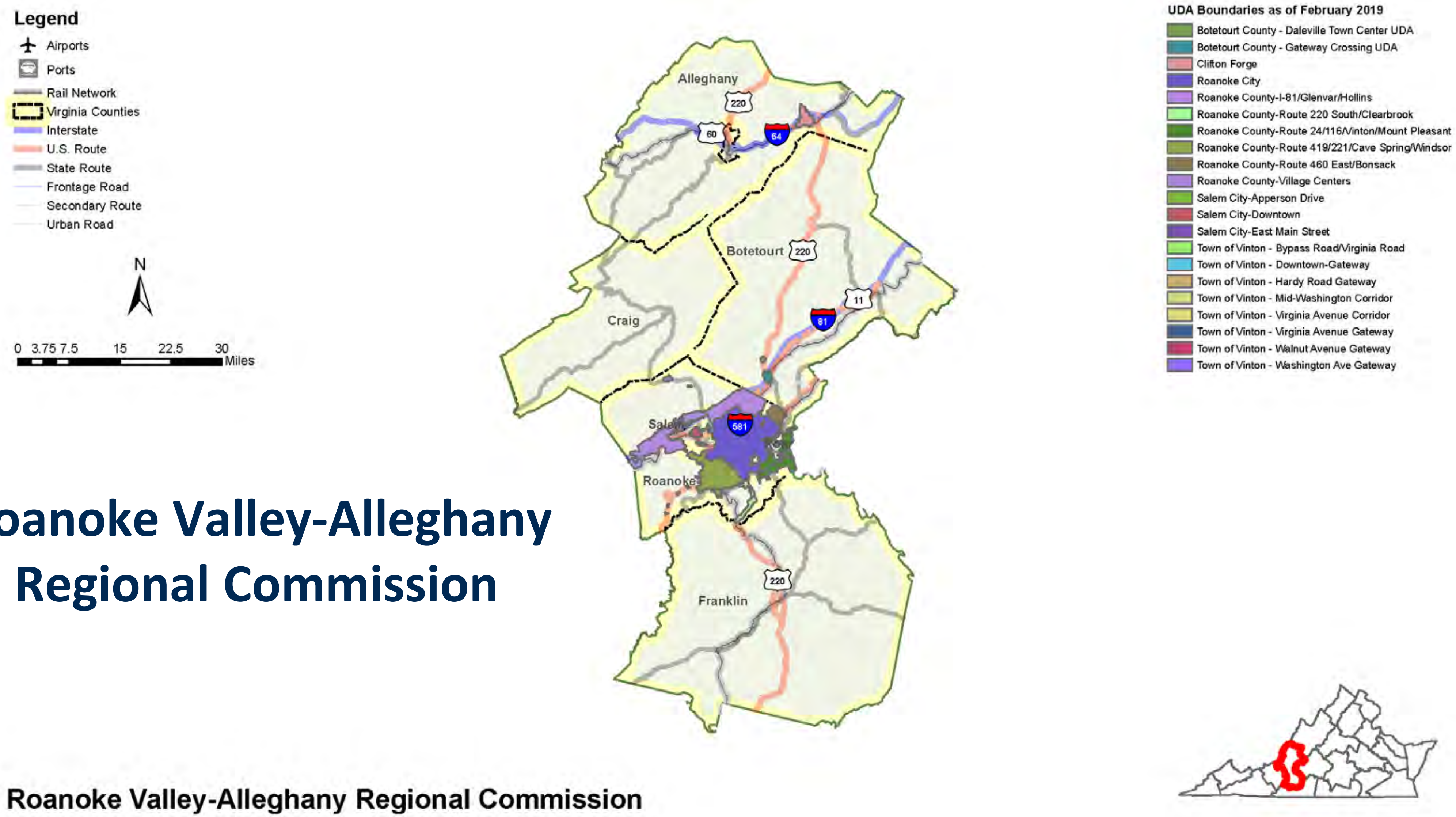
VTRANS | VIRGINIA'S TRANSPORTATION PLAN

URBAN DEVELOPMENT AREAS

Richmond Regional PDC


Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2.5 5 10 15 20
Miles
UDA Boundaries as of February 2019
Chesterfield County Designated Growth Areas
Goochland County-Centerville Village
Goochland County-Goochland Courthouse Village
Goochland County-Manakin Village
Goochland County-Oilville Village
Goochland County-River Road Communities
Goochland County-West Creek Area
Henrico County - Magellan Parkway
Henrico County - Richmond-Henrico Turnpike
Henrico County-Innsbrook Area
Powhatan County-Courthouse Village
Powhatan County-Route 60 Corridor East
Powhatan County-Route 711 Village
Hanover
Goochland
Powhatan
Richmond
New Kent
Henrico
Charles City
Chesterfield
Prince George
Colonial Heights
1
522
33
250
301
64
95
195
60
360
295
Richmond Regional

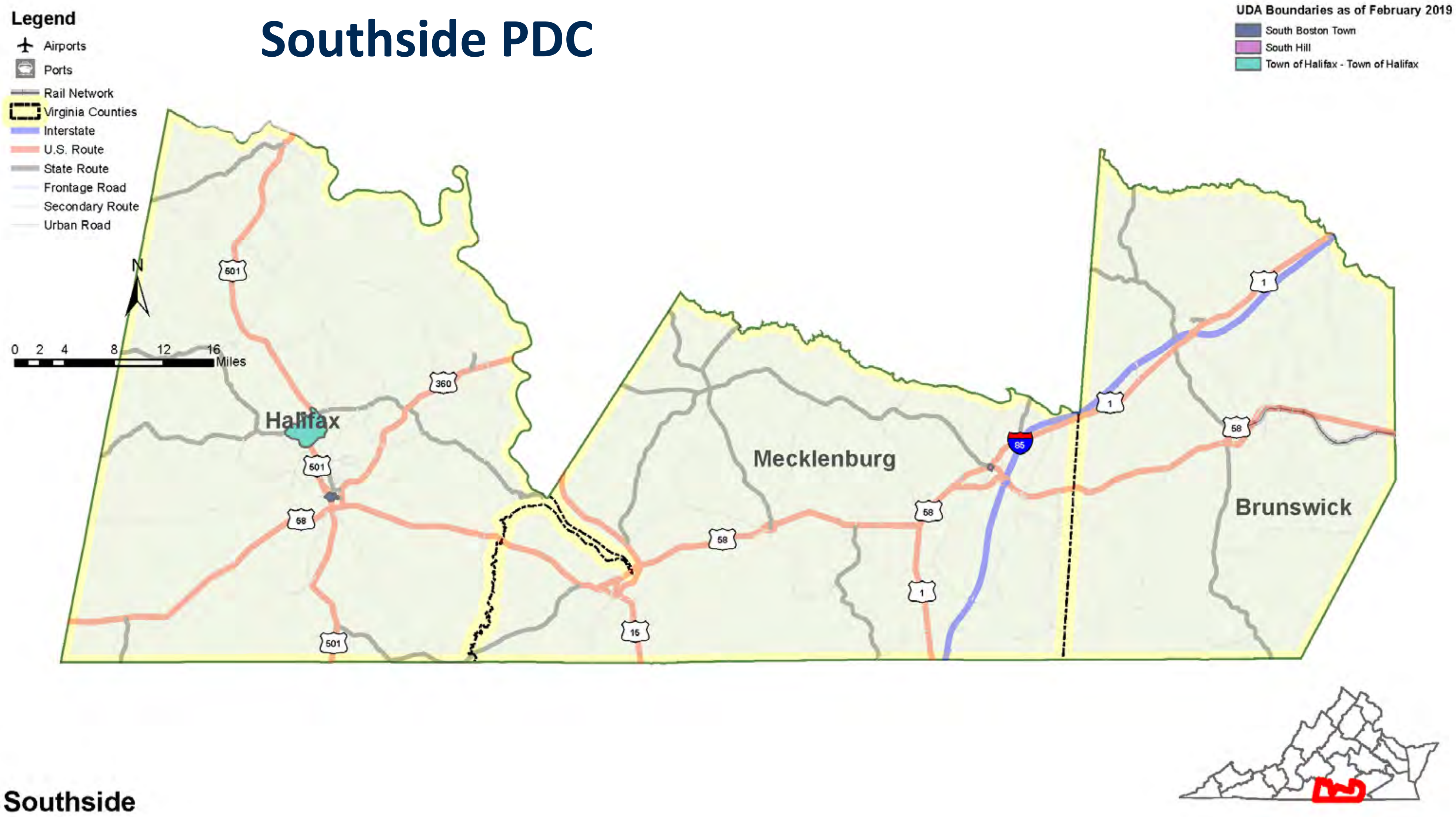
URBAN DEVELOPMENT AREAS


Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 3.75 7.5 15 22.5 30 Miles
Alleghany
Botetourt
Craig
Salem
Roanoke
Franklin
220
60
64
11
81
581
UDA Boundaries as of February 2019
Botetourt County - Daleville Town Center UDA
Botetourt County - Gateway Crossing UDA
Clifton Forge
Roanoke City
Roanoke County-I-81/Glenvar/Hollins
Roanoke County-Route 220 South/Clearbrook
Roanoke County-Route 24/116/Vinton/Mount Pleasant
Roanoke County-Route 419/221/Cave Spring/Windsor
Roanoke County-Route 460 East/Bonsack
Roanoke County-Village Centers
Salem City-Apperson Drive
Salem City-Downtown
Salem City-East Main Street
Town of Vinton - Bypass Road/Virginia Road
Town of Vinton - Downtown-Gateway
Town of Vinton - Hardy Road Gateway
Town of Vinton - Mid-Washington Corridor
Town of Vinton - Virginia Avenue Corridor
Town of Vinton - Virginia Avenue Gateway
Town of Vinton - Walnut Avenue Gateway
Town of Vinton - Washington Ave Gateway
Roanoke Valley-Alleghany Regional Commission

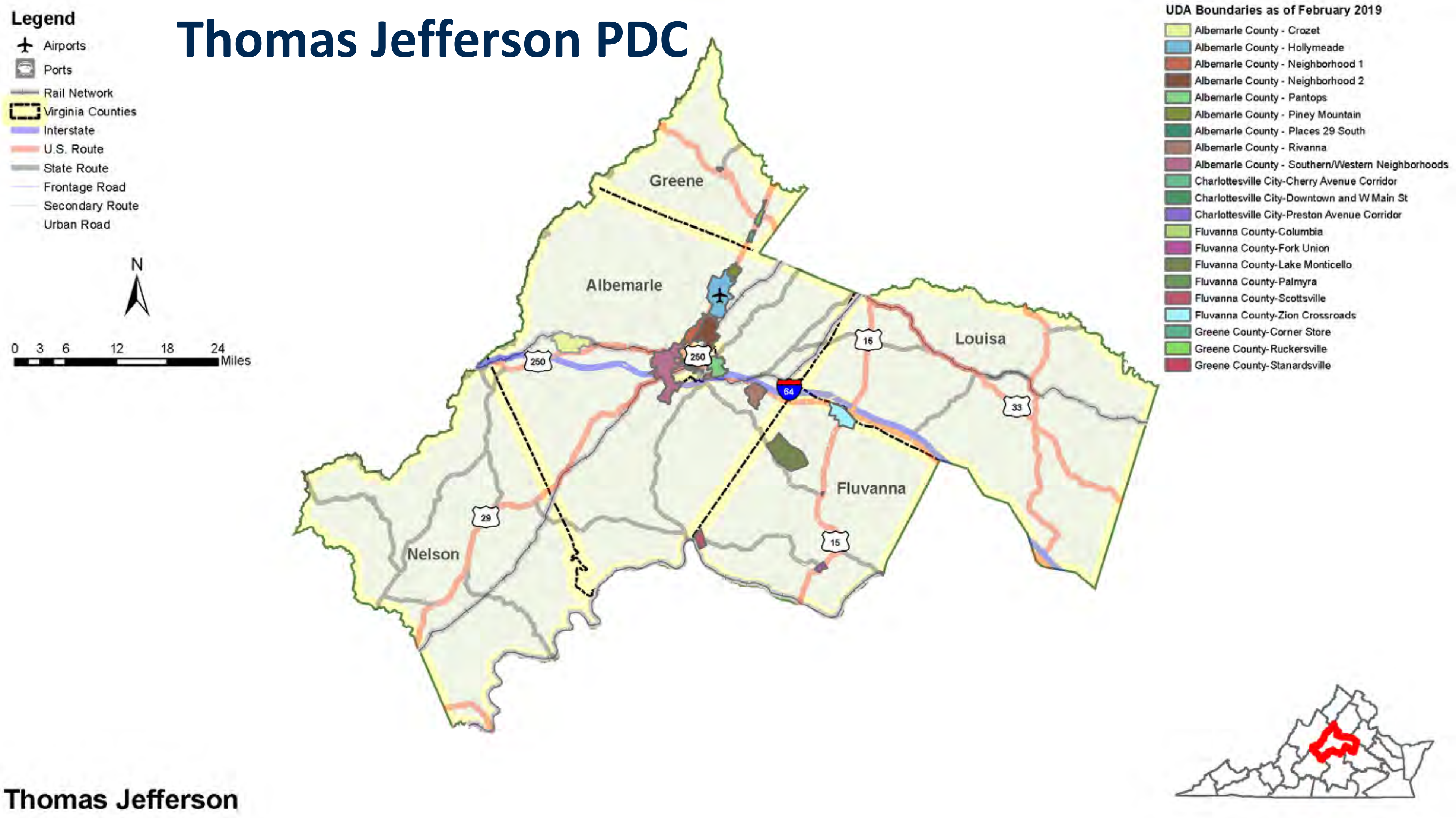
Roanoke Valley-Alleghany Regional Commission

URBAN DEVELOPMENT AREAS

Southside PDC

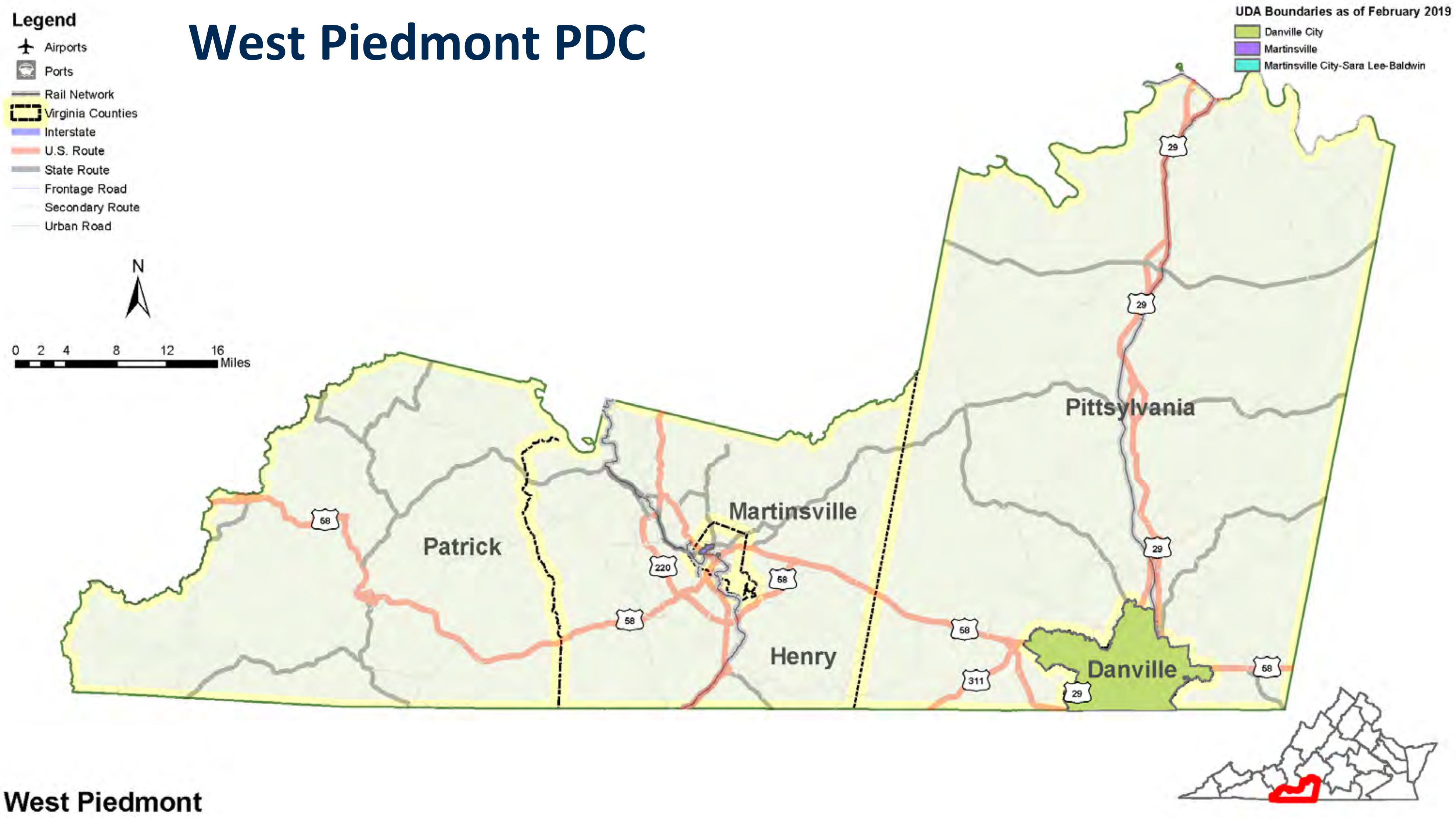

Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2 4 8 12 16 Miles
UDA Boundaries as of February 2019
South Boston Town
South Hill
Town of Halifax - Town of Halifax
Halifax
Mecklenburg
Brunswick
501
360
58
15
1
85
Southside

URBAN DEVELOPMENT AREAS


Thomas Jefferson PDC
Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 3 6 12 18 24 Miles
Greene
Albemarle
Louisa
Fluvanna
Nelson
250
250
15
15
29
33
64
UDA Boundaries as of February 2019
Albemarle County - Crozet
Albemarle County - Hollymeade
Albemarle County - Neighborhood 1
Albemarle County - Neighborhood 2
Albemarle County - Pantops
Albemarle County - Piney Mountain
Albemarle County - Places 29 South
Albemarle County - Rivanna
Albemarle County - Southern/Western Neighborhoods
Charlottesville City-Cherry Avenue Corridor
Charlottesville City-Downtown and W Main St
Charlottesville City-Preston Avenue Corridor
Fluvanna County-Columbia
Fluvanna County-Fork Union
Fluvanna County-Lake Monticello
Fluvanna County-Palmyra
Fluvanna County-Scottsville
Fluvanna County-Zion Crossroads
Greene County-Corner Store
Greene County-Ruckersville
Greene County-Stanardsville
Thomas Jefferson

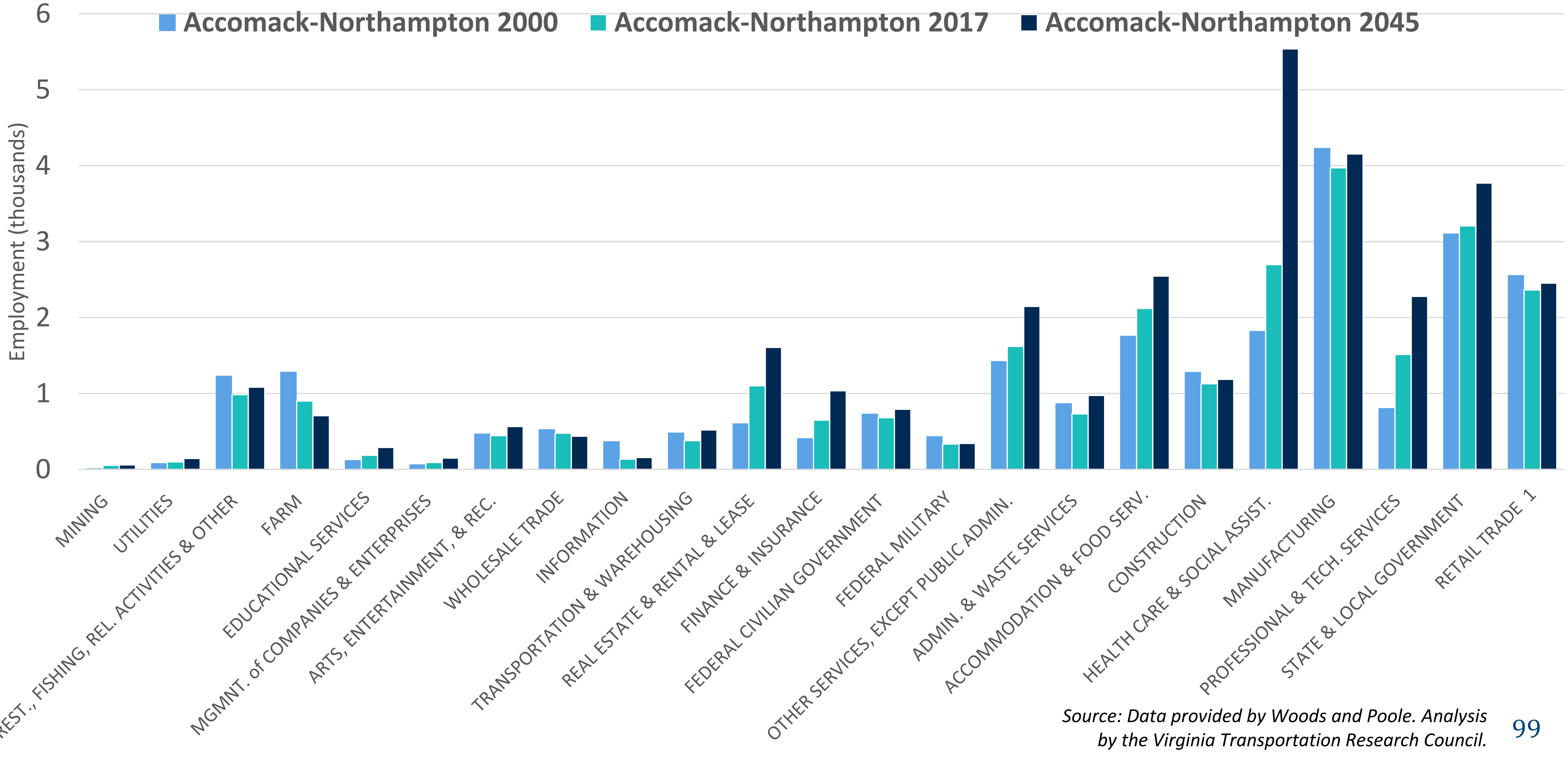
URBAN DEVELOPMENT AREAS

West Piedmont PDC



Legend
Airports
Ports
Rail Network
Virginia Counties
Interstate
U.S. Route
State Route
Frontage Road
Secondary Route
Urban Road
N
0 2 4 8 12 16 Miles
UDA Boundaries as of February 2019
Danville City
Martinsville
Martinsville City-Sara Lee-Baldwin
Patrick
Martinsville
Henry
Pittsylvania
Danville
29
58
220
311
West Piedmont

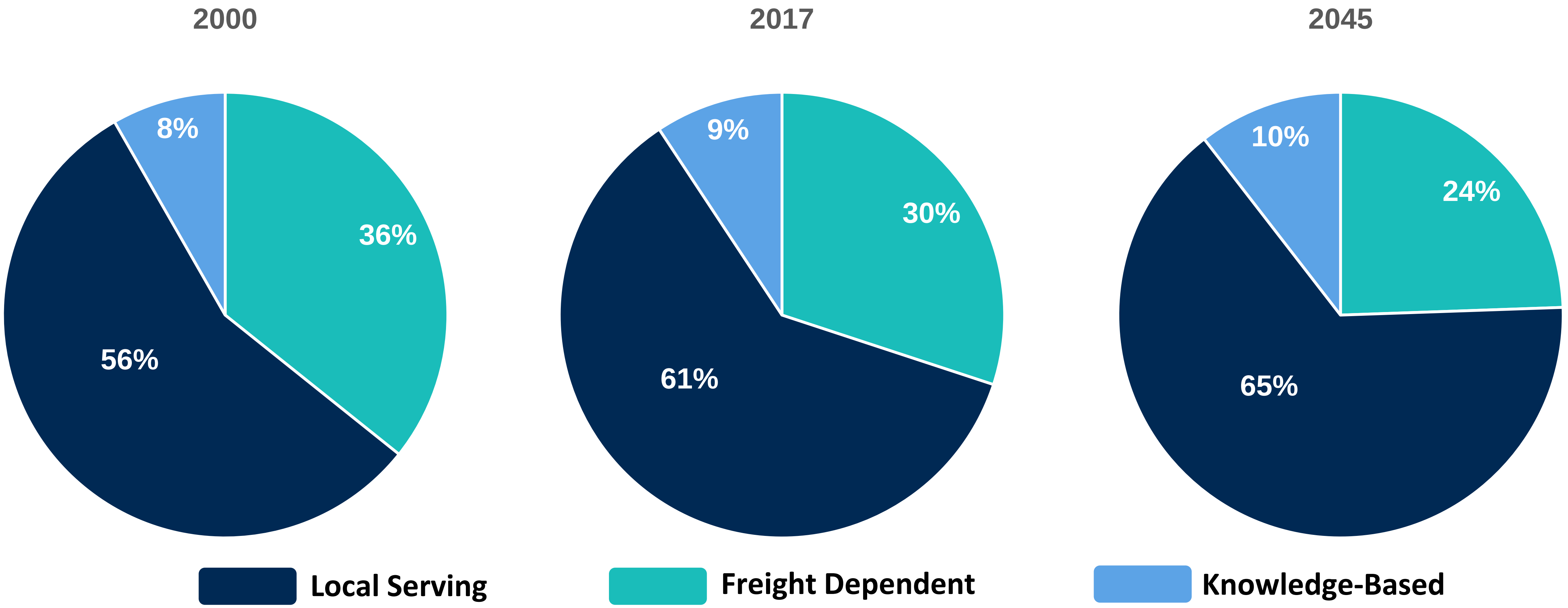
DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

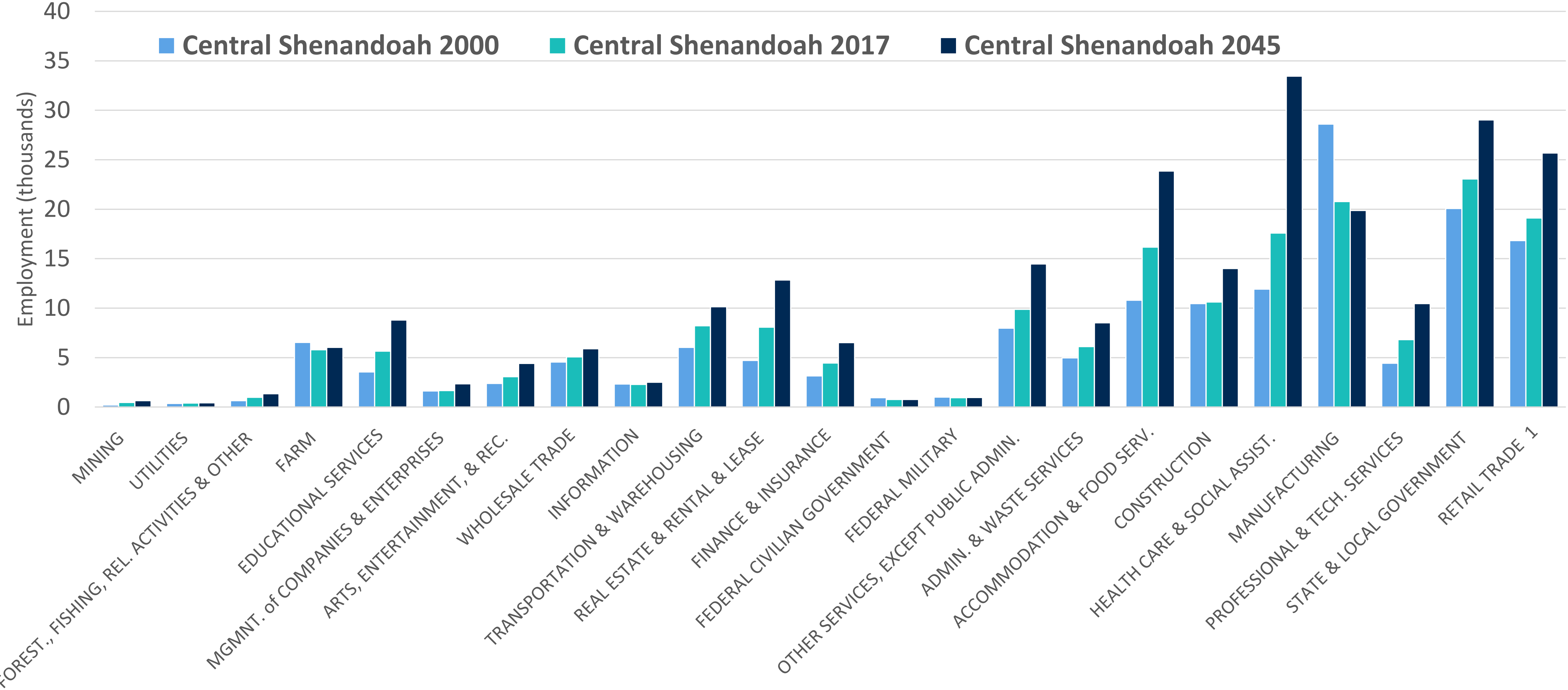
Accomack-Northampton PDC



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

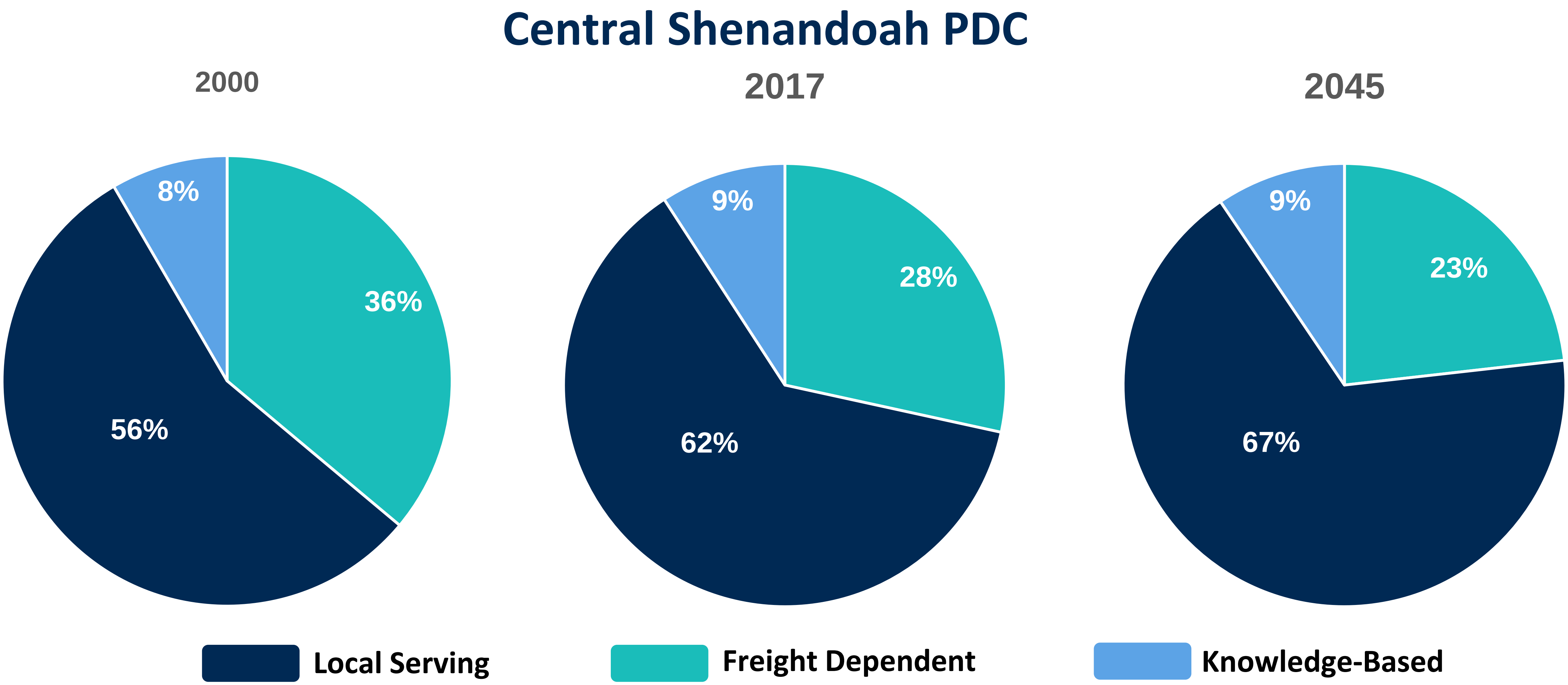
Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

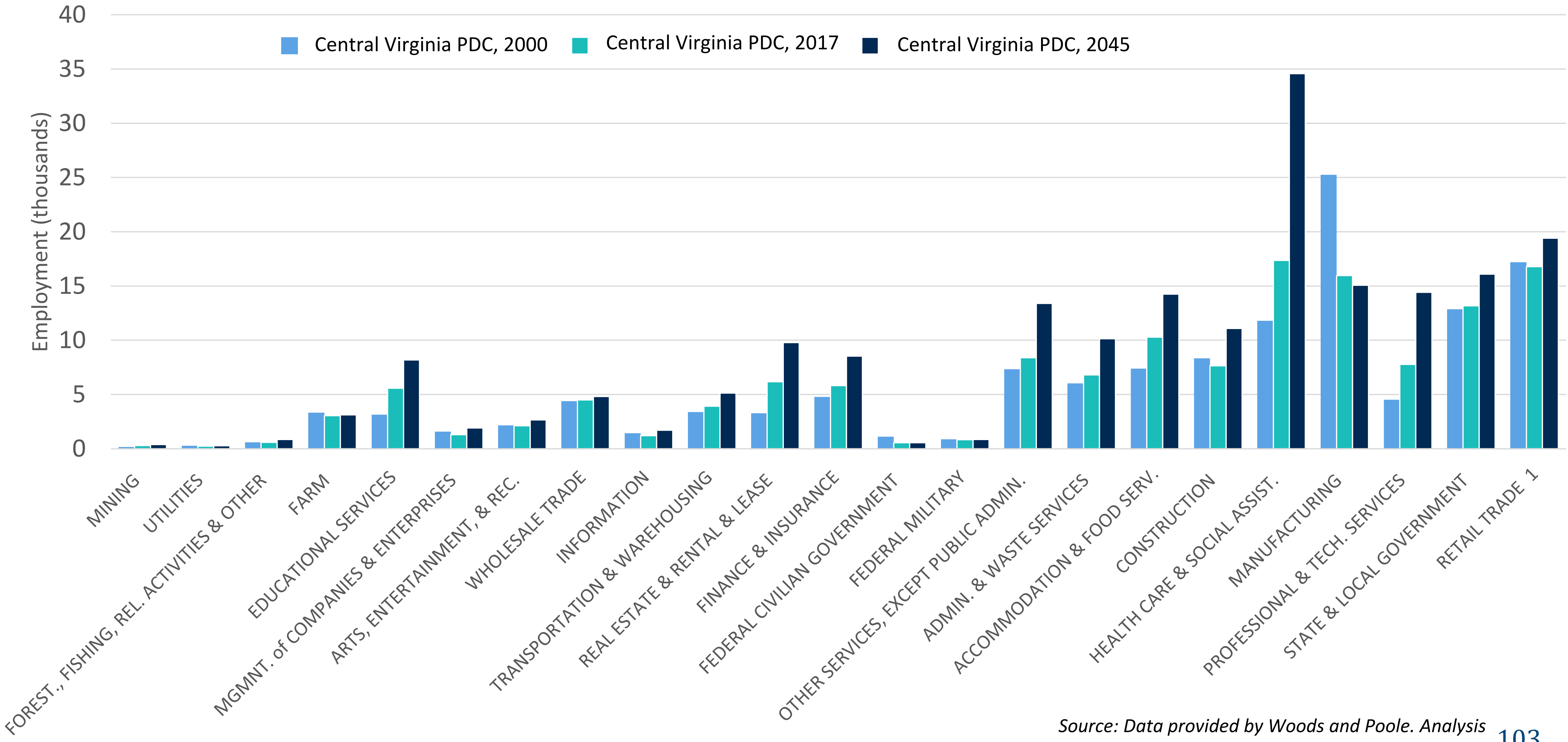
DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

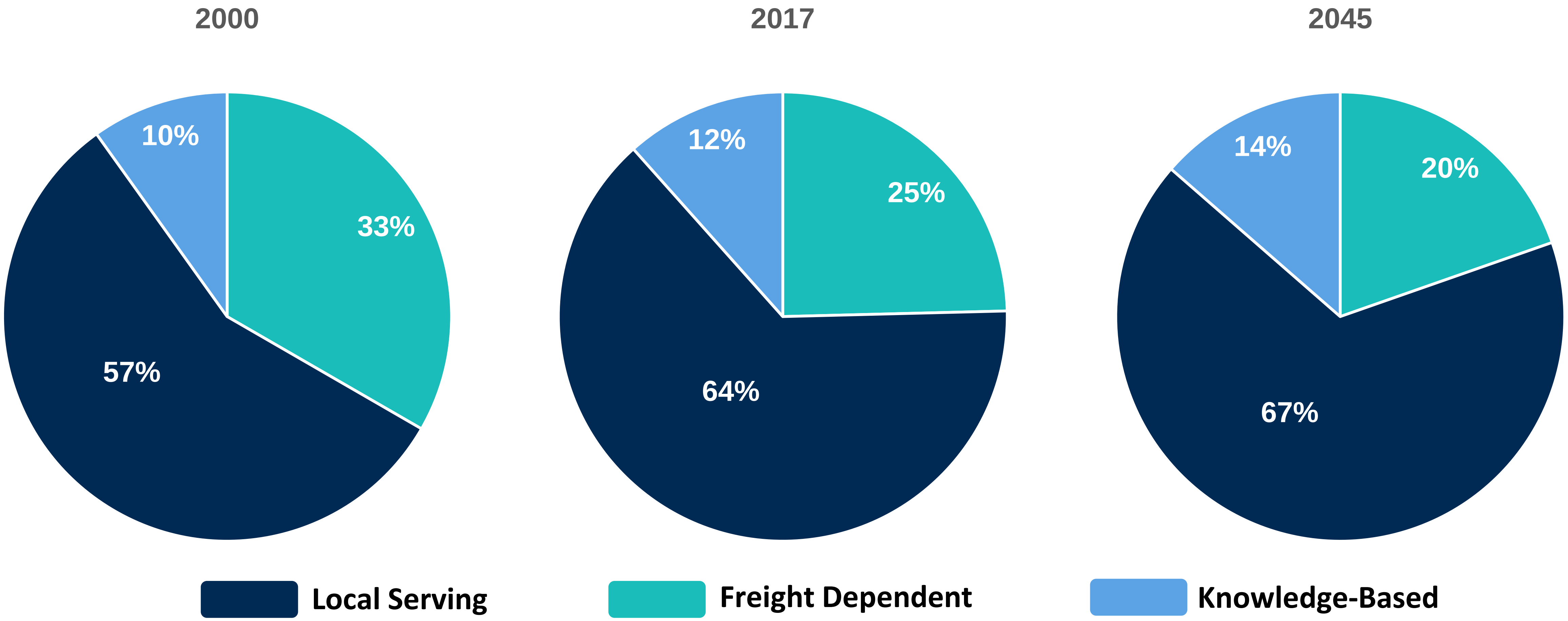
DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

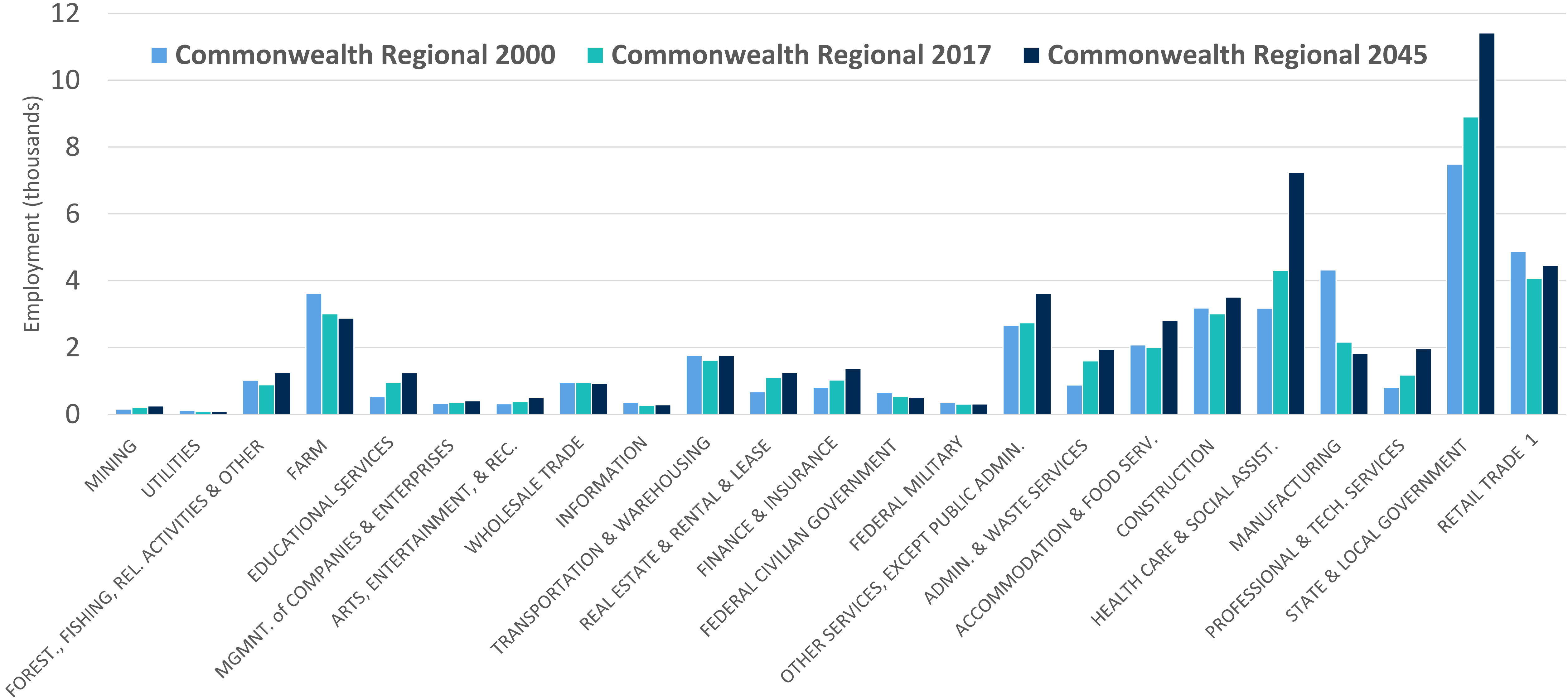
Central Virginia PDC



VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

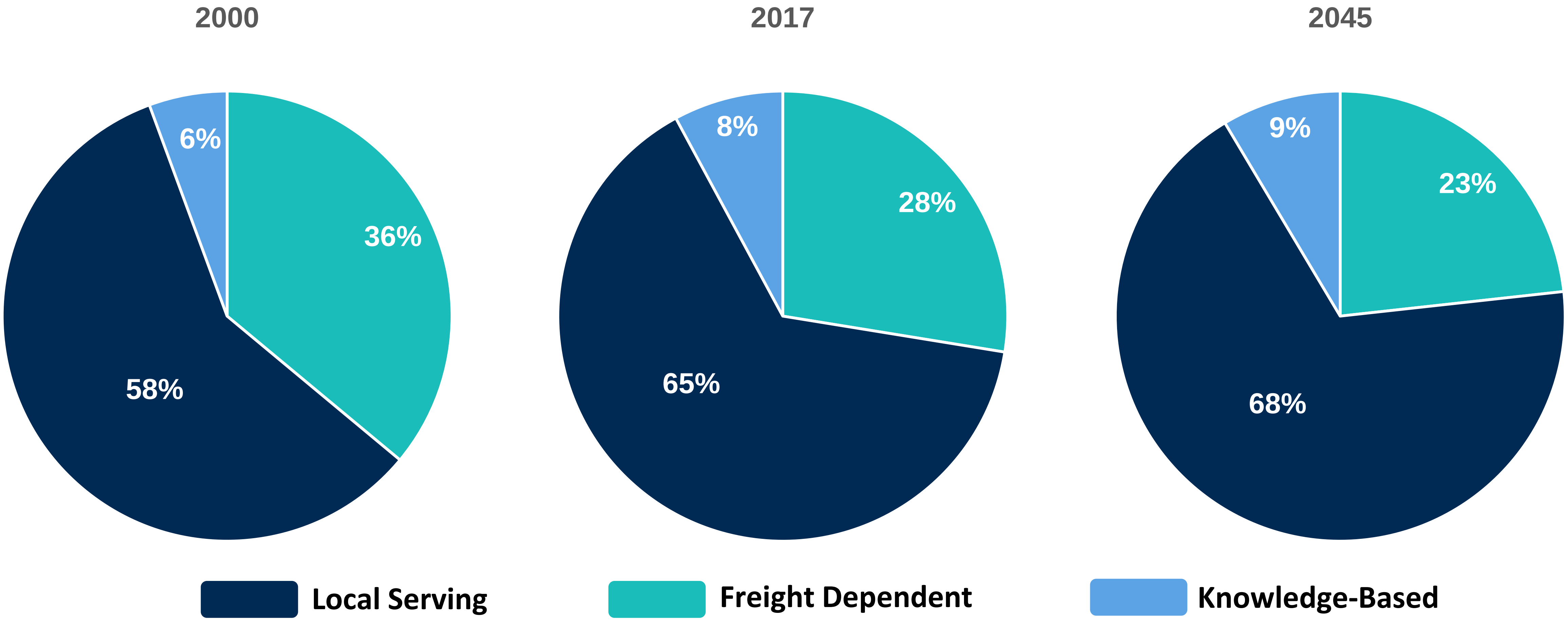
DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

Commonwealth Regional Council



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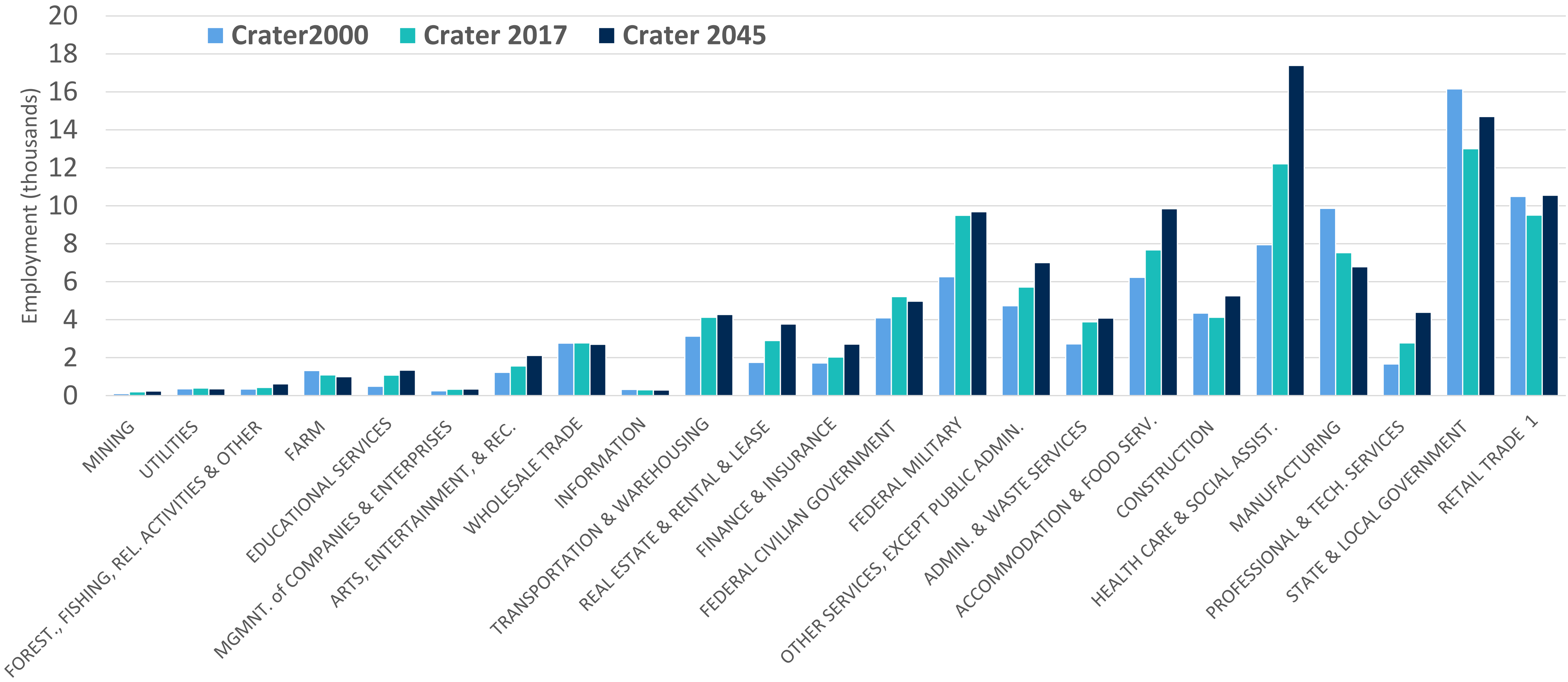

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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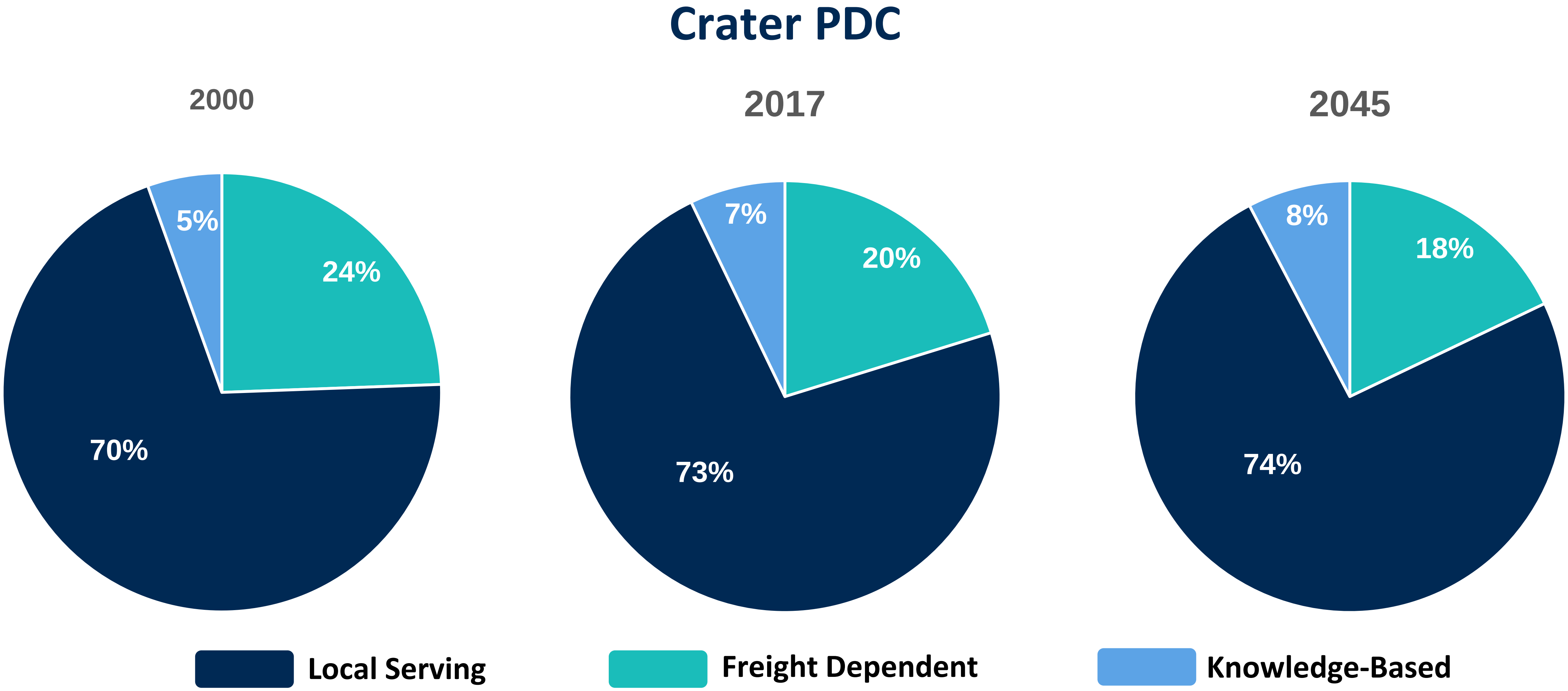

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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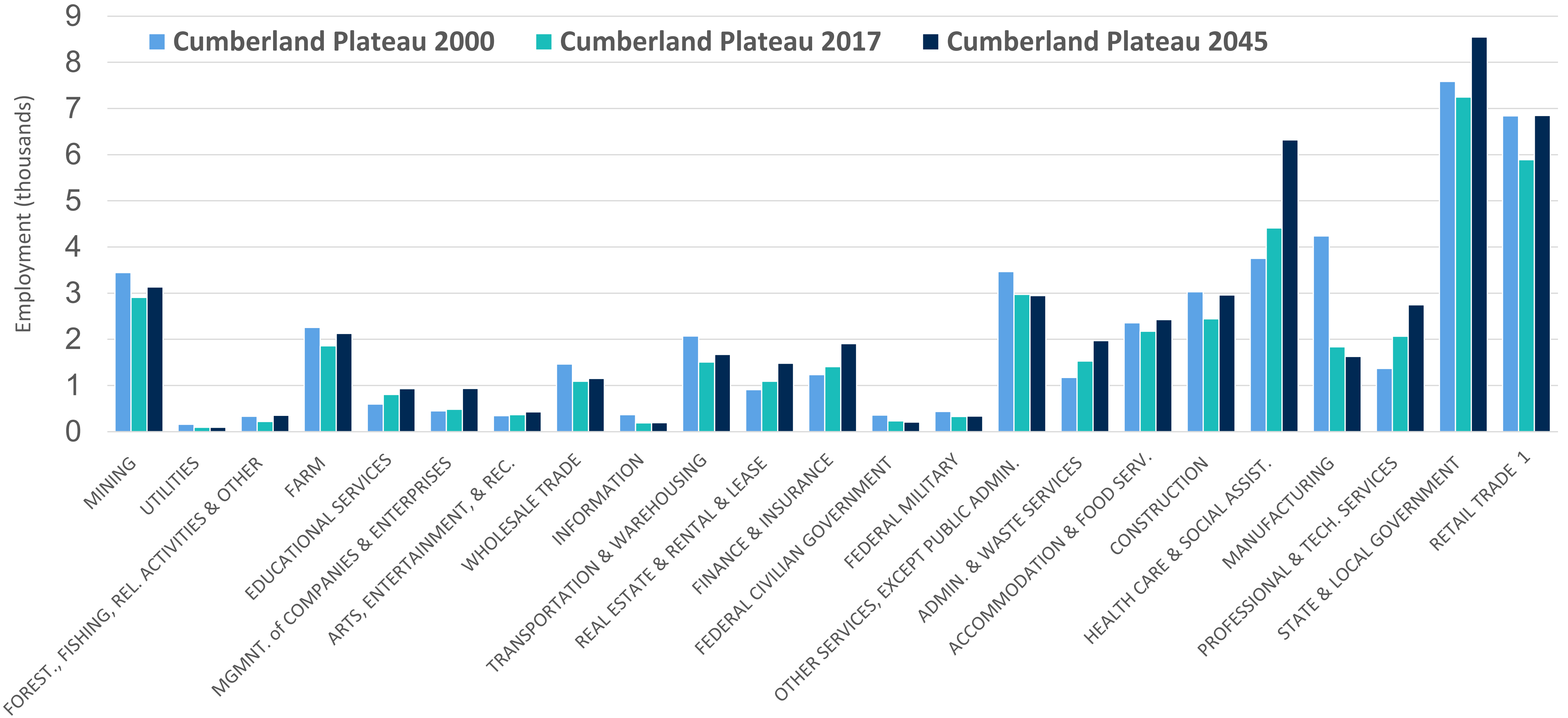

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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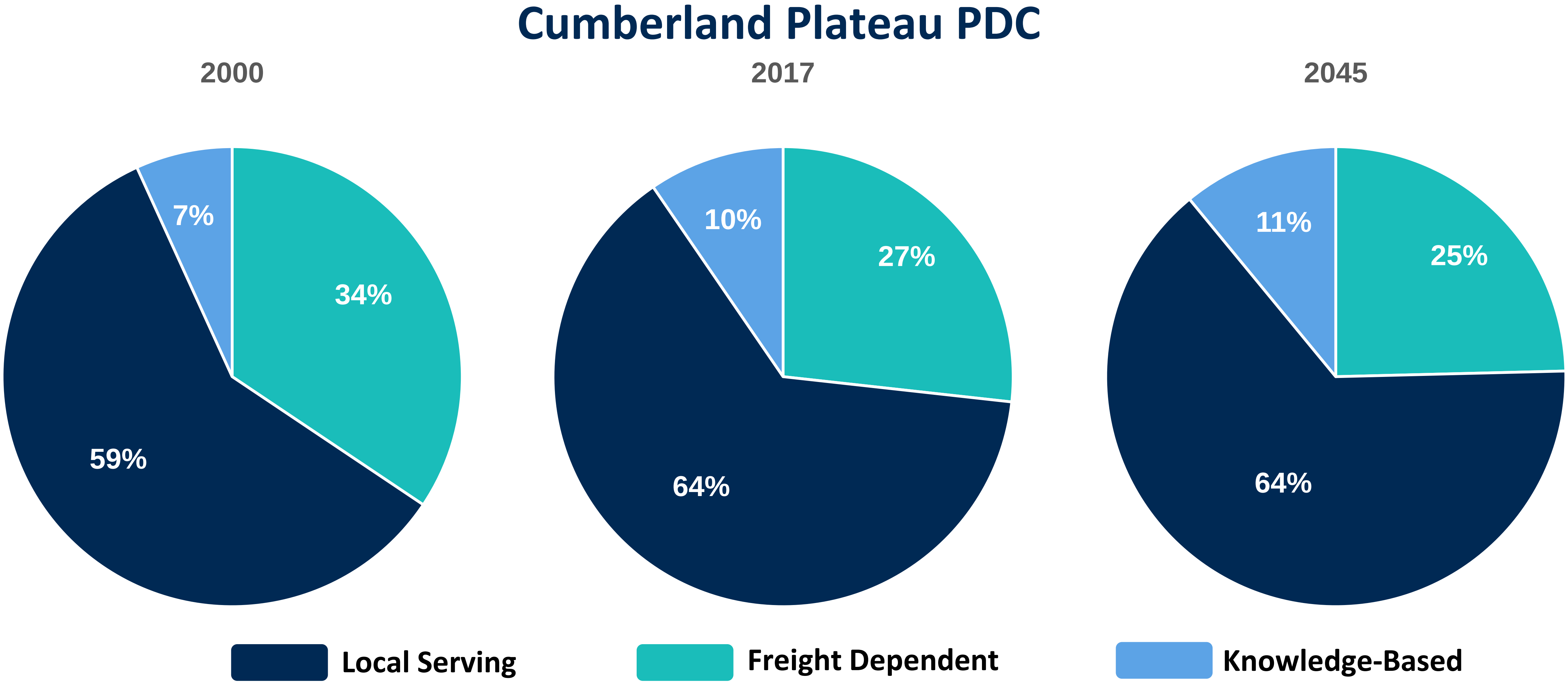

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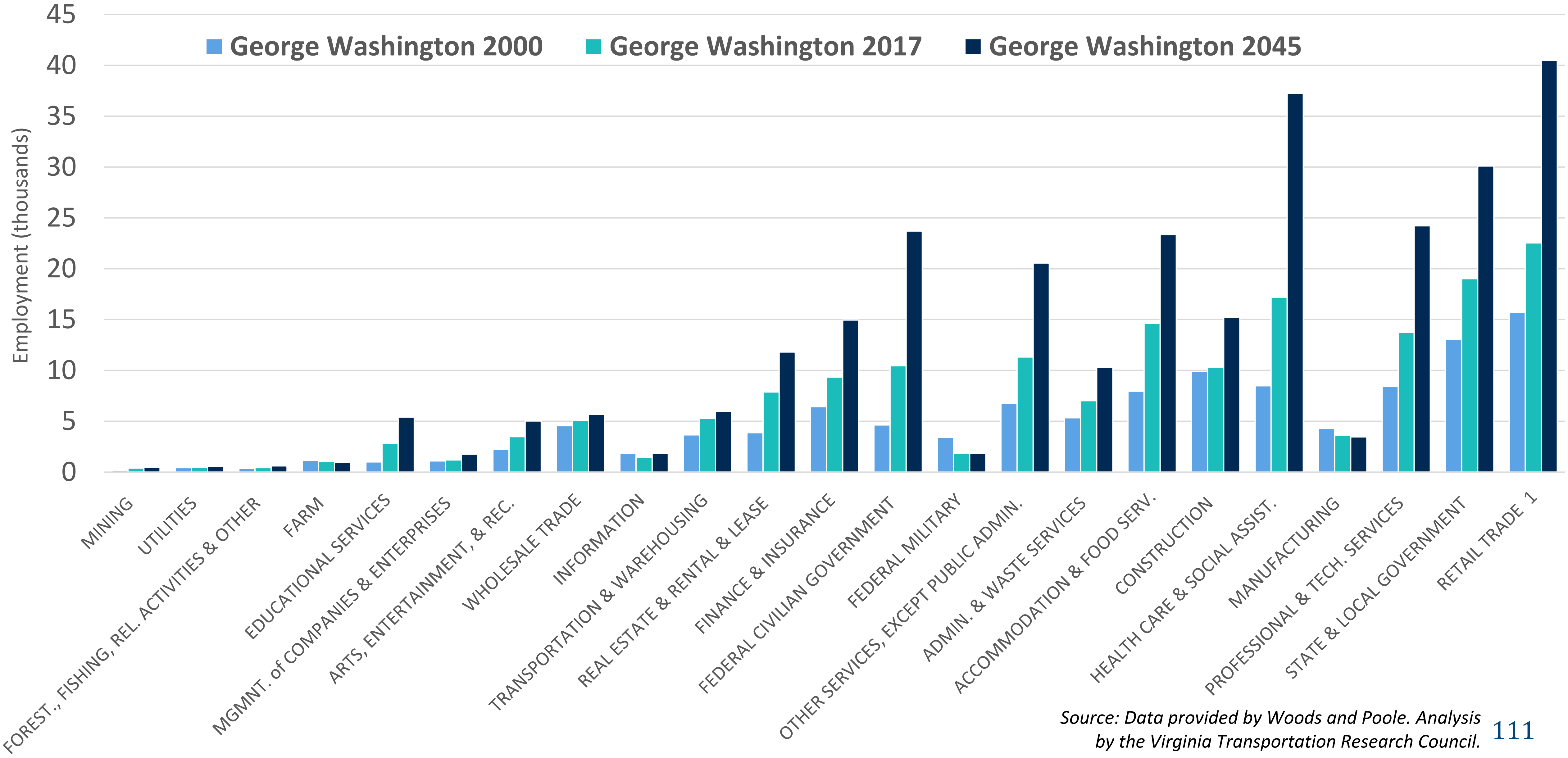

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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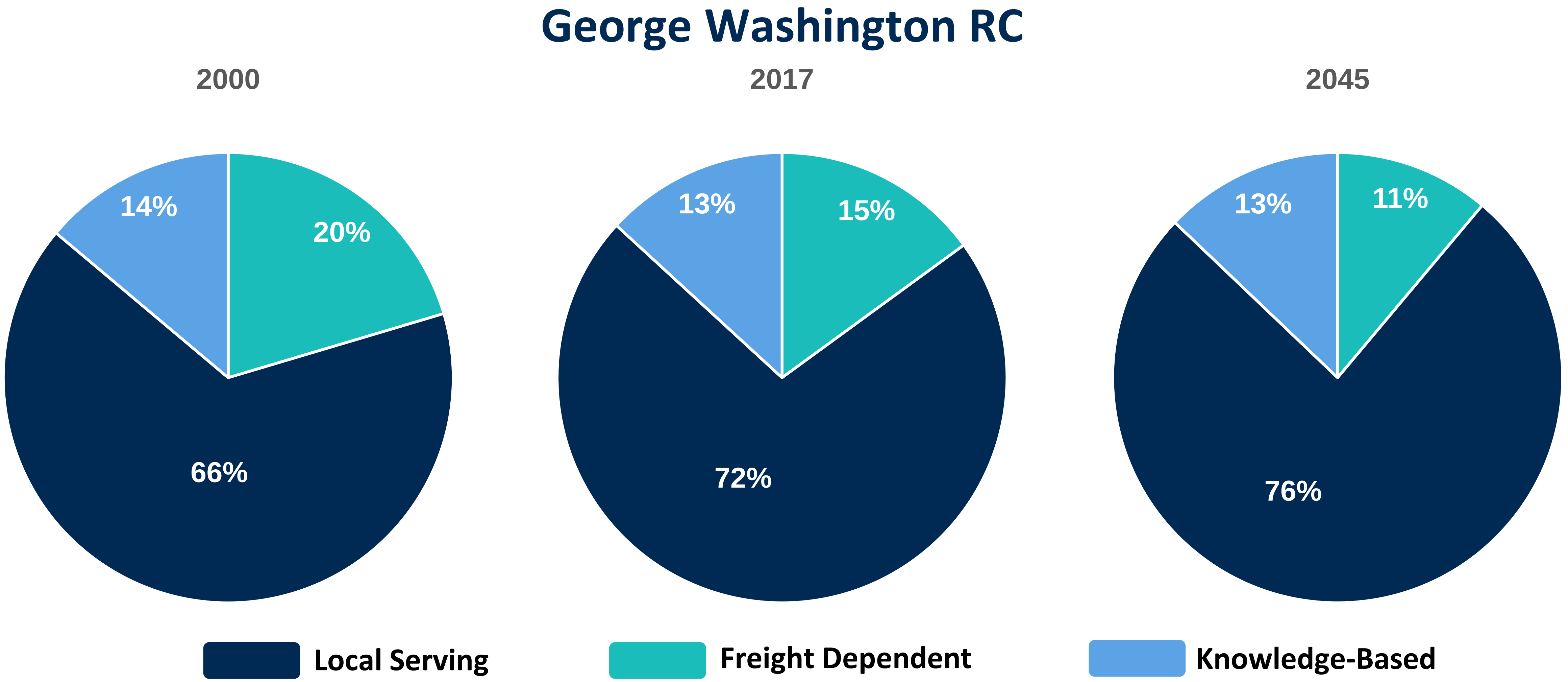
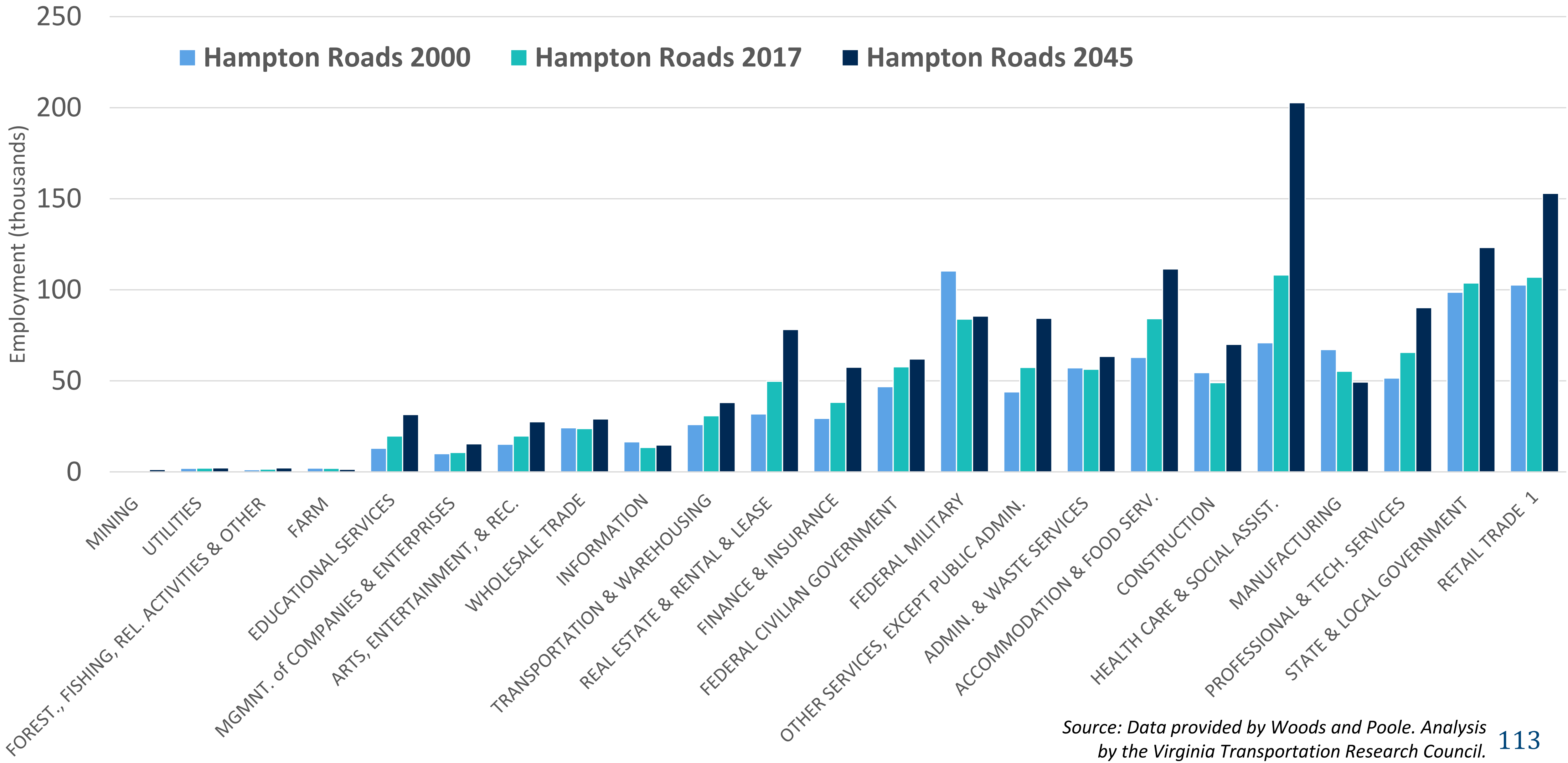


VTRANS | VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

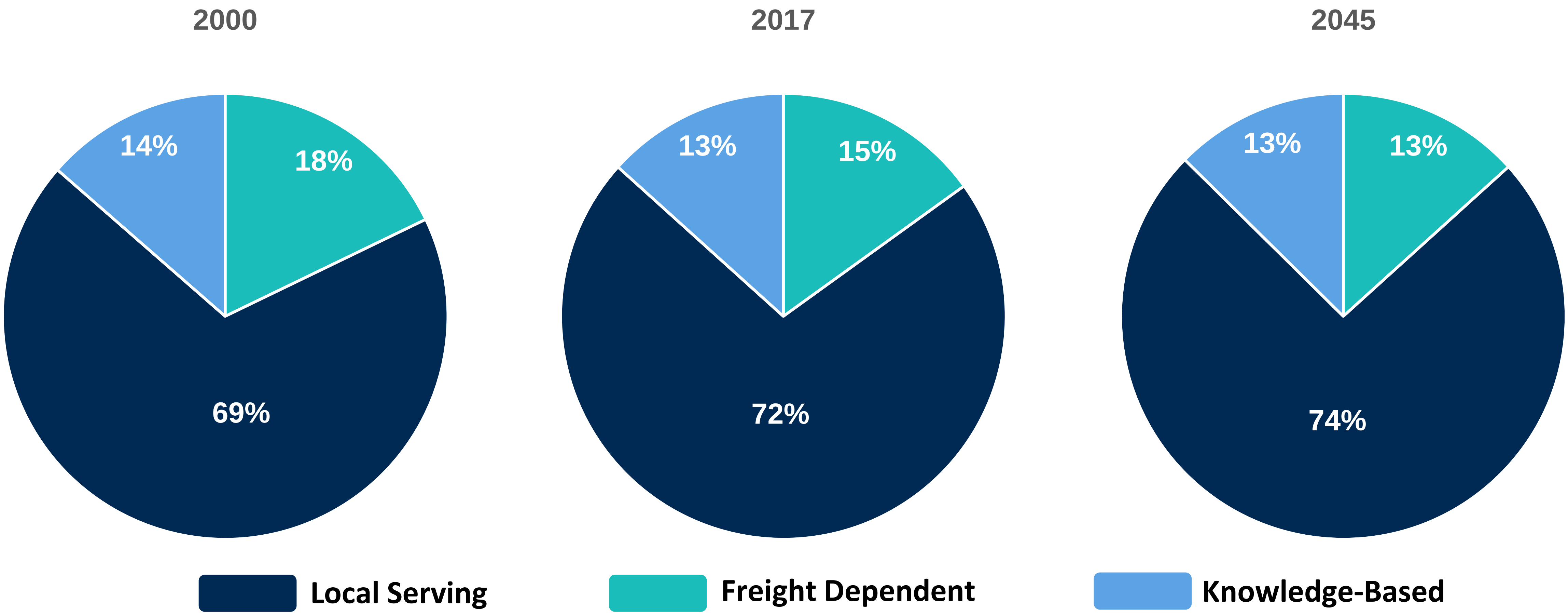
DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

Hampton Roads PDC



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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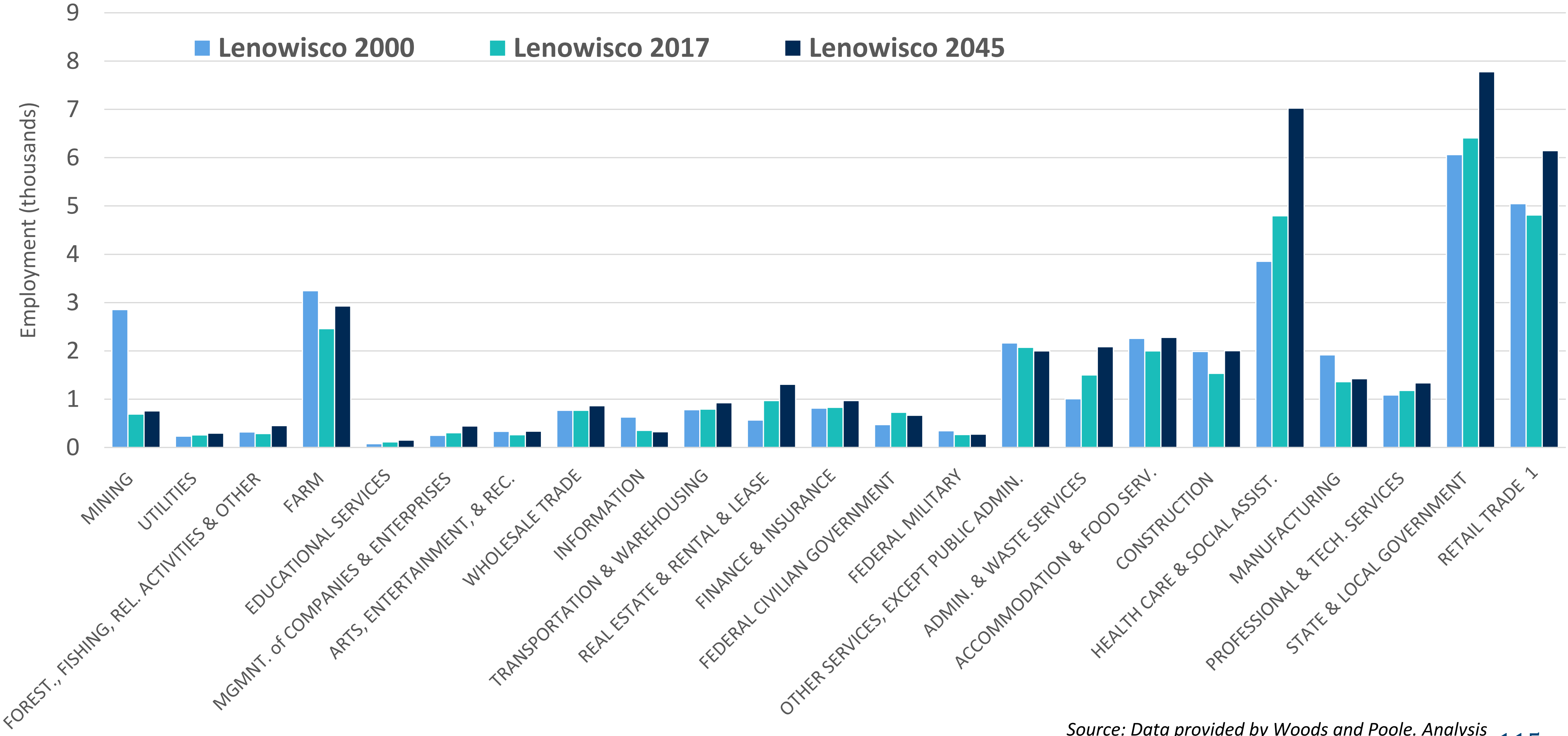
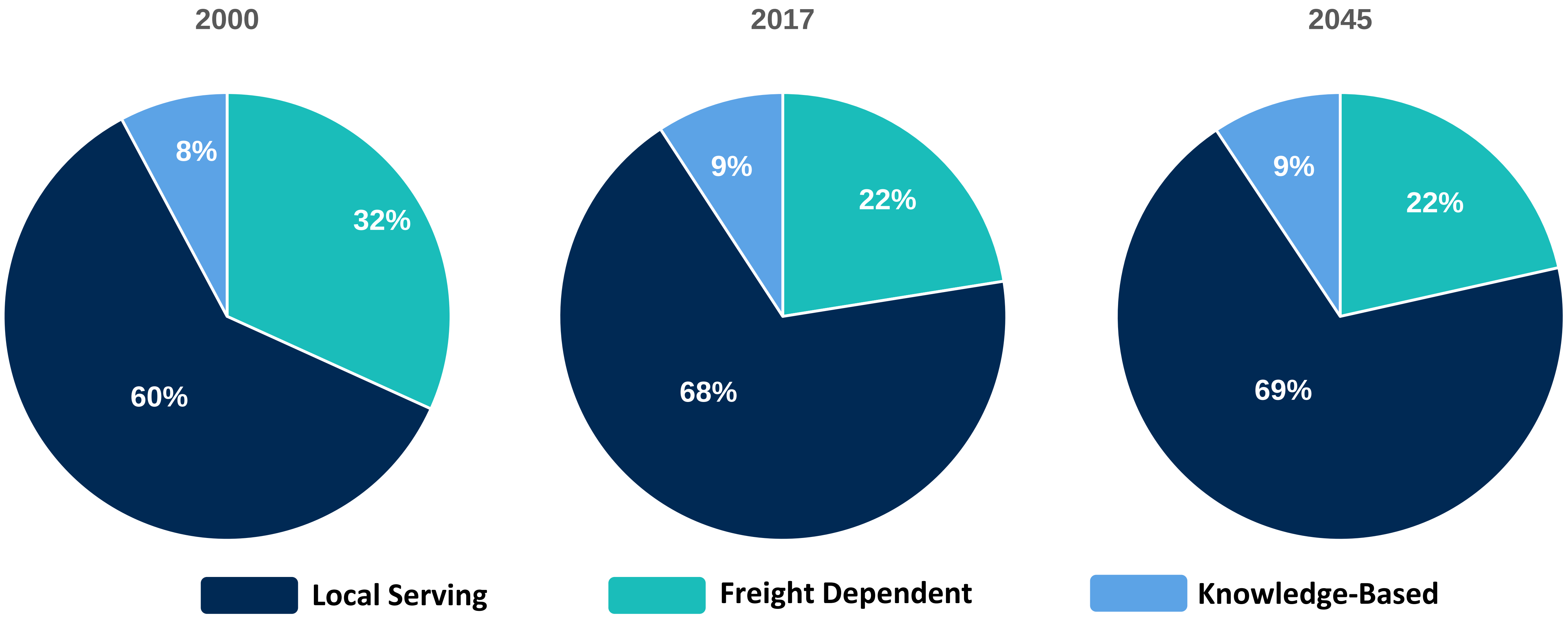


Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

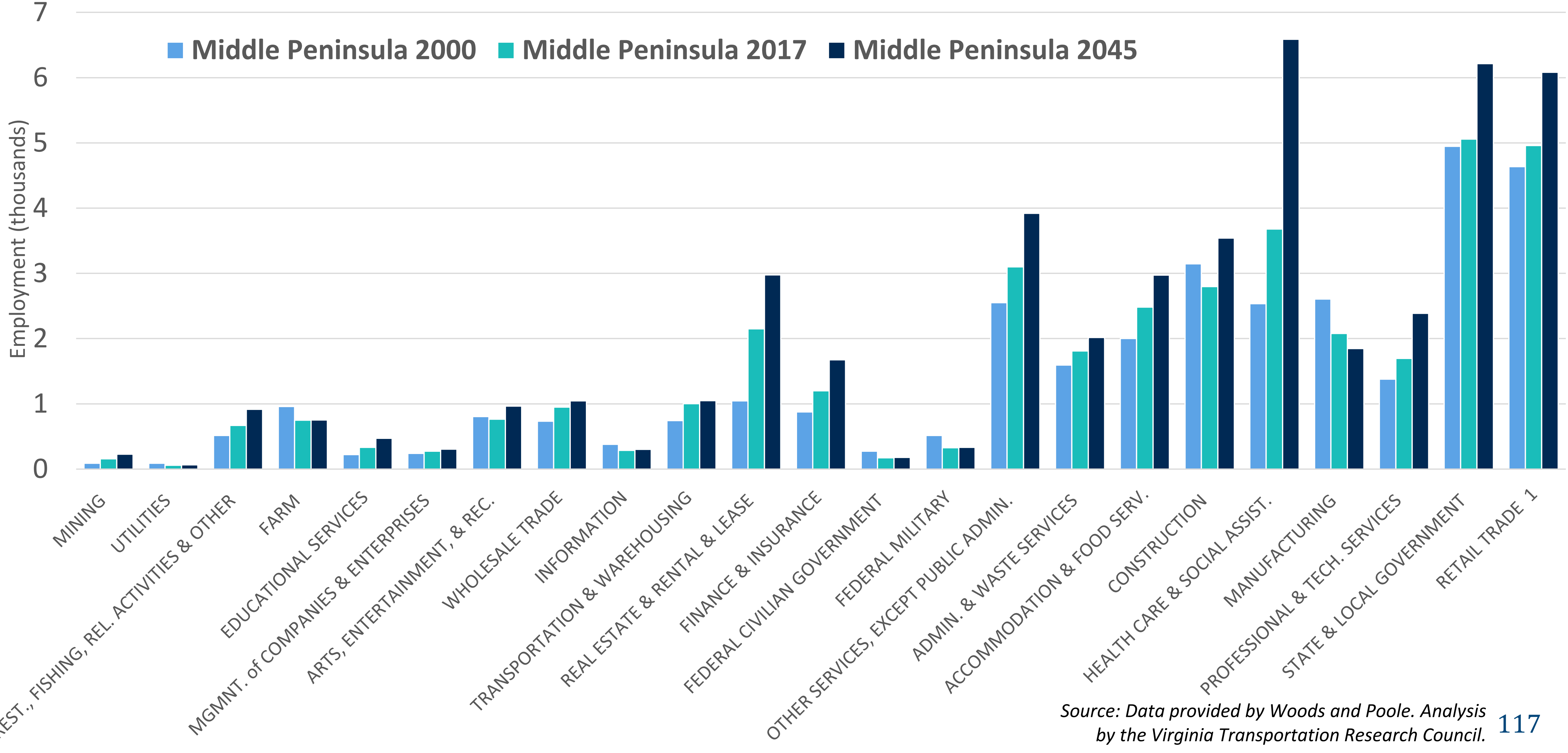
Lenowisco PDC



VIRGINIA'S TRANSPORTATION PLAN

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



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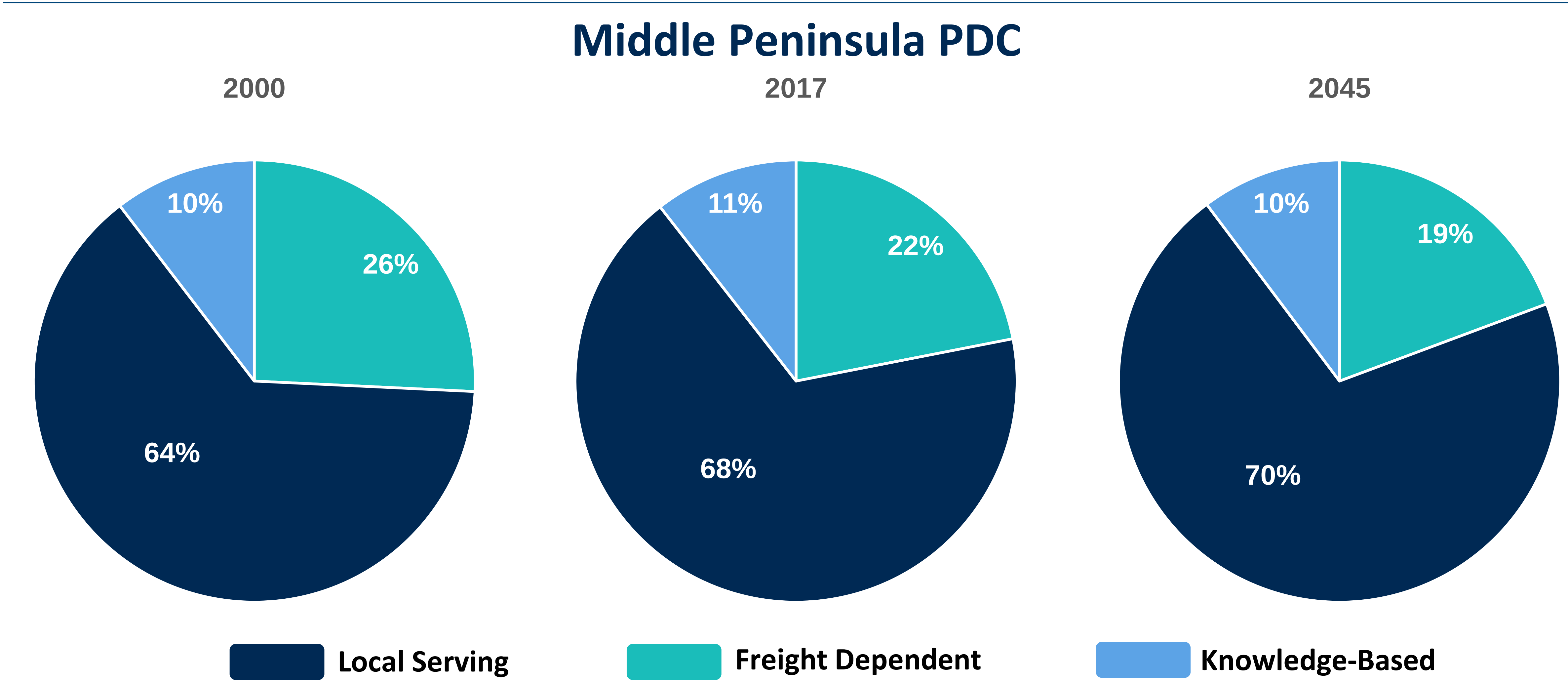

Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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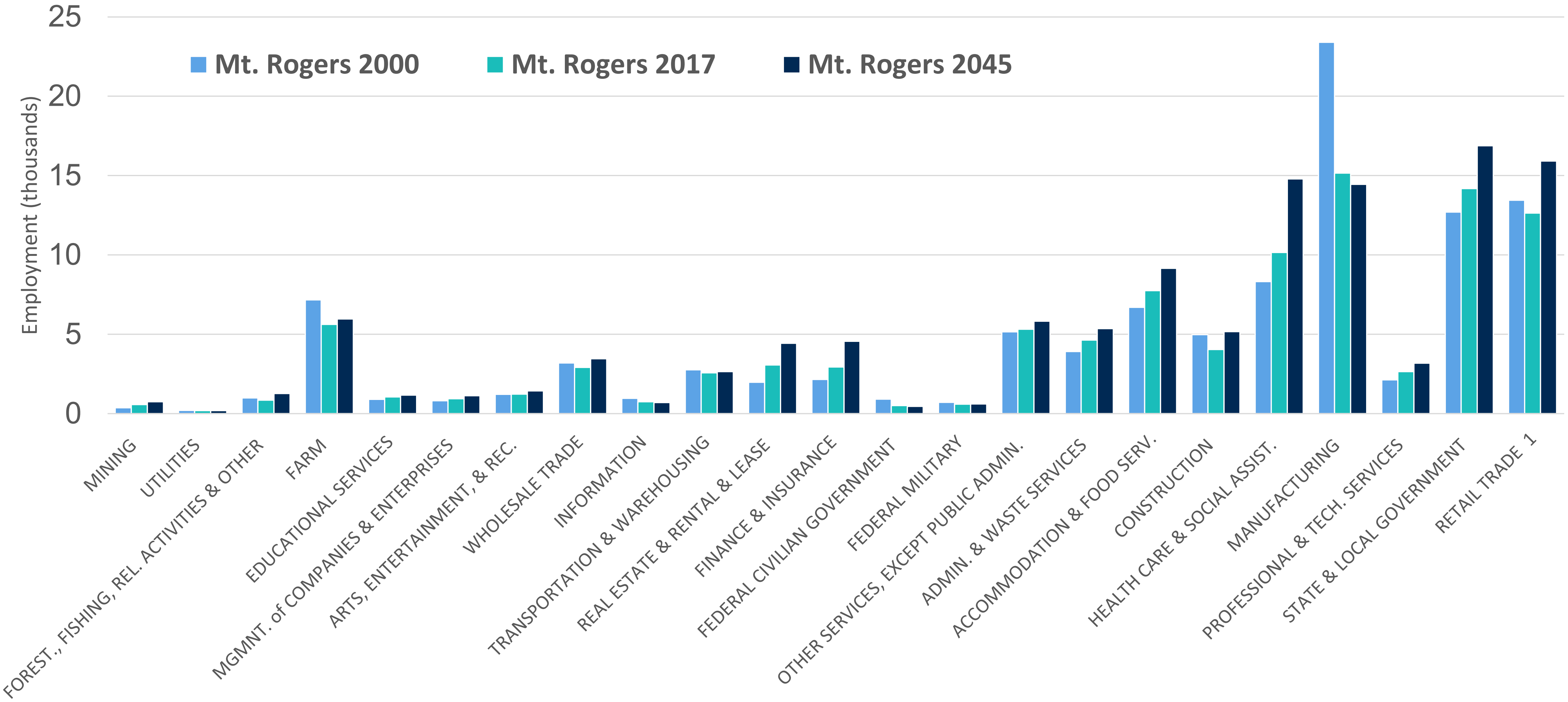
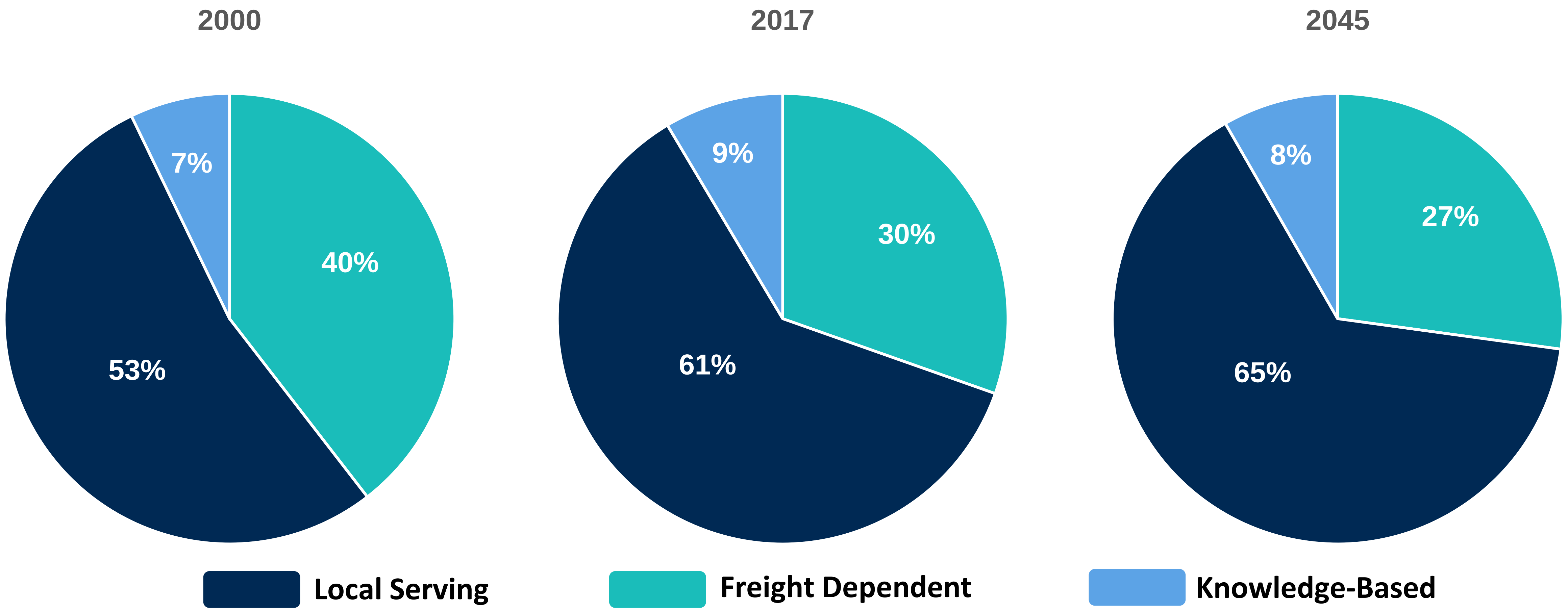


Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

Mount Rogers PDC



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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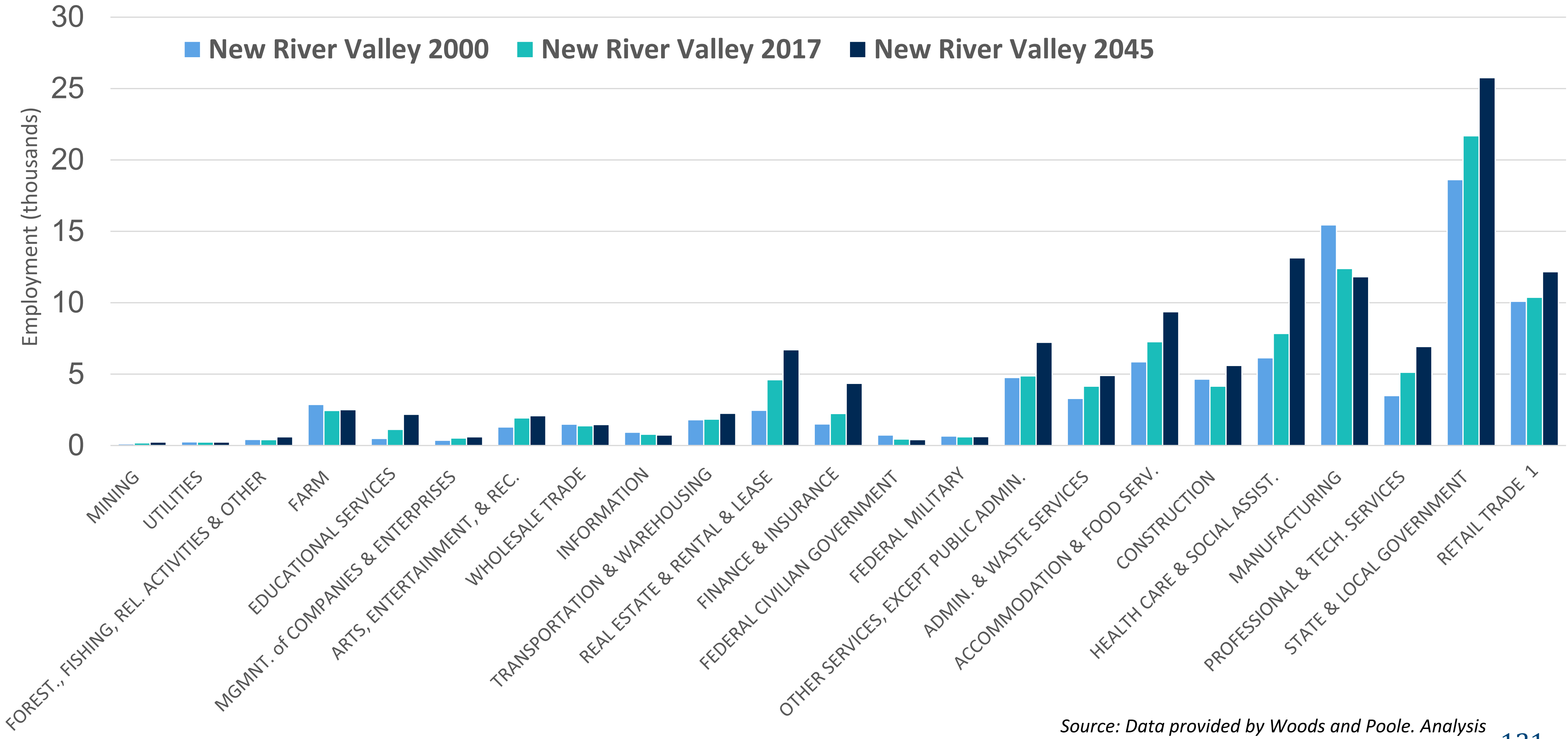
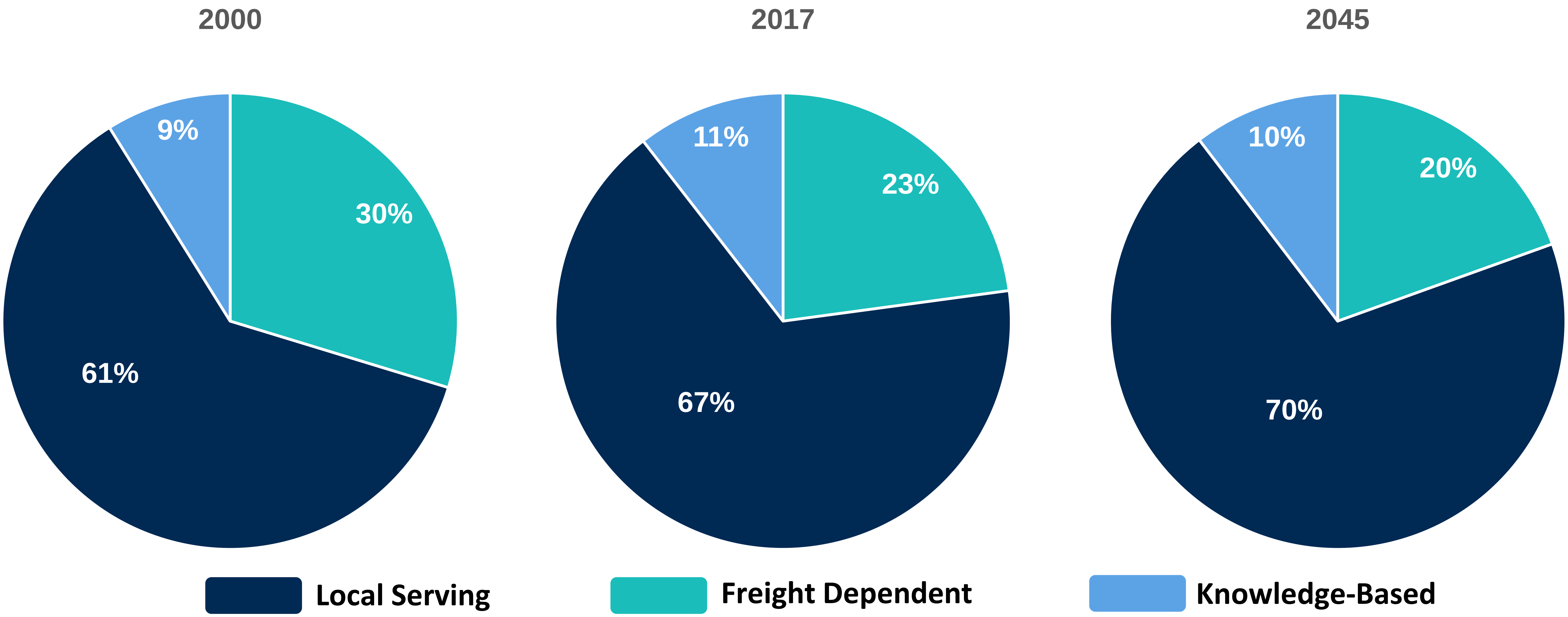


Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

New River Valley RC



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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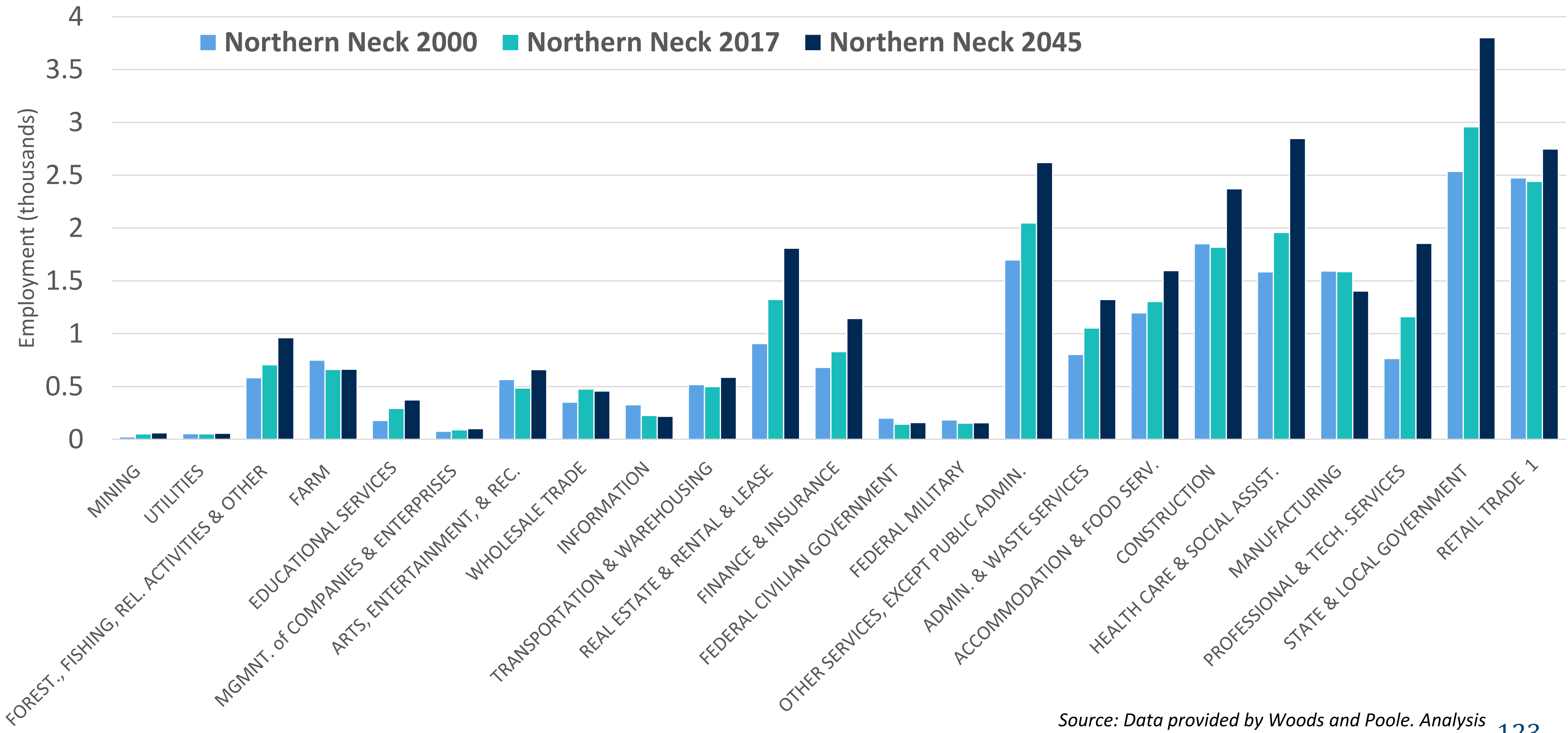
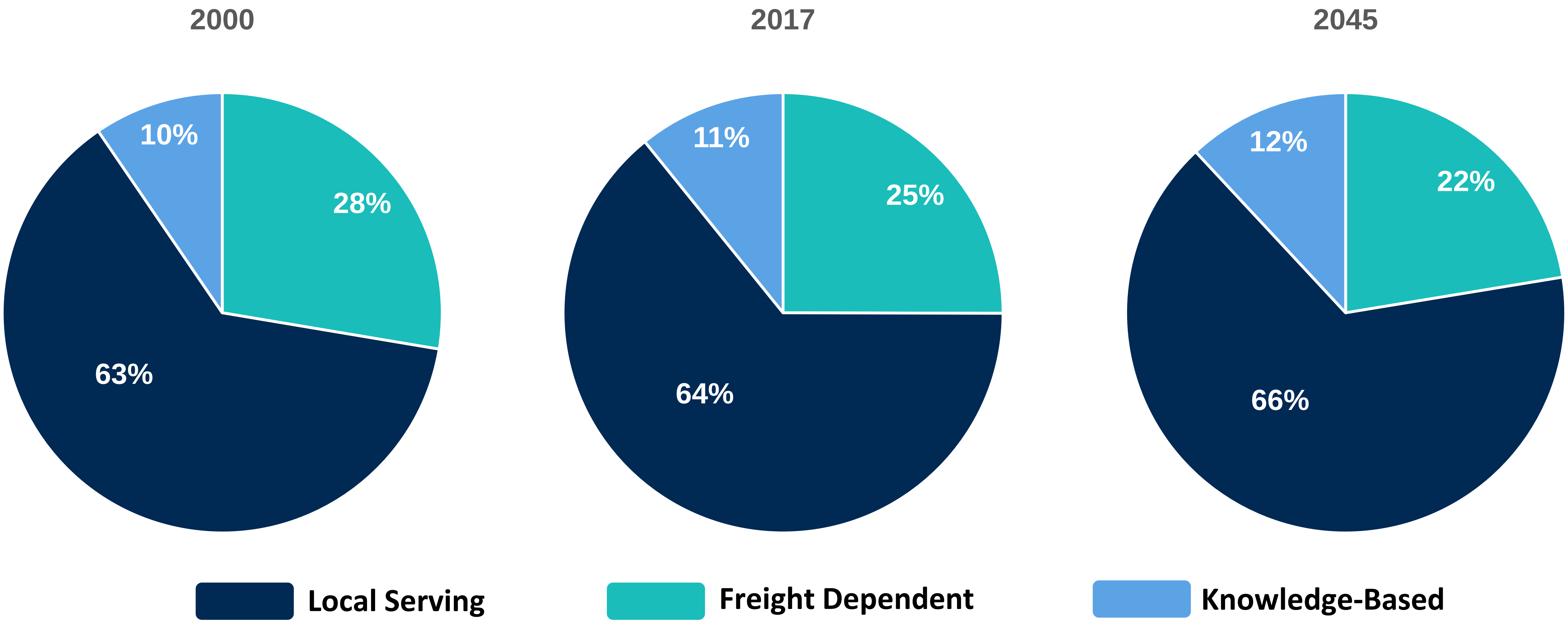


Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

Northern Neck PDC



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

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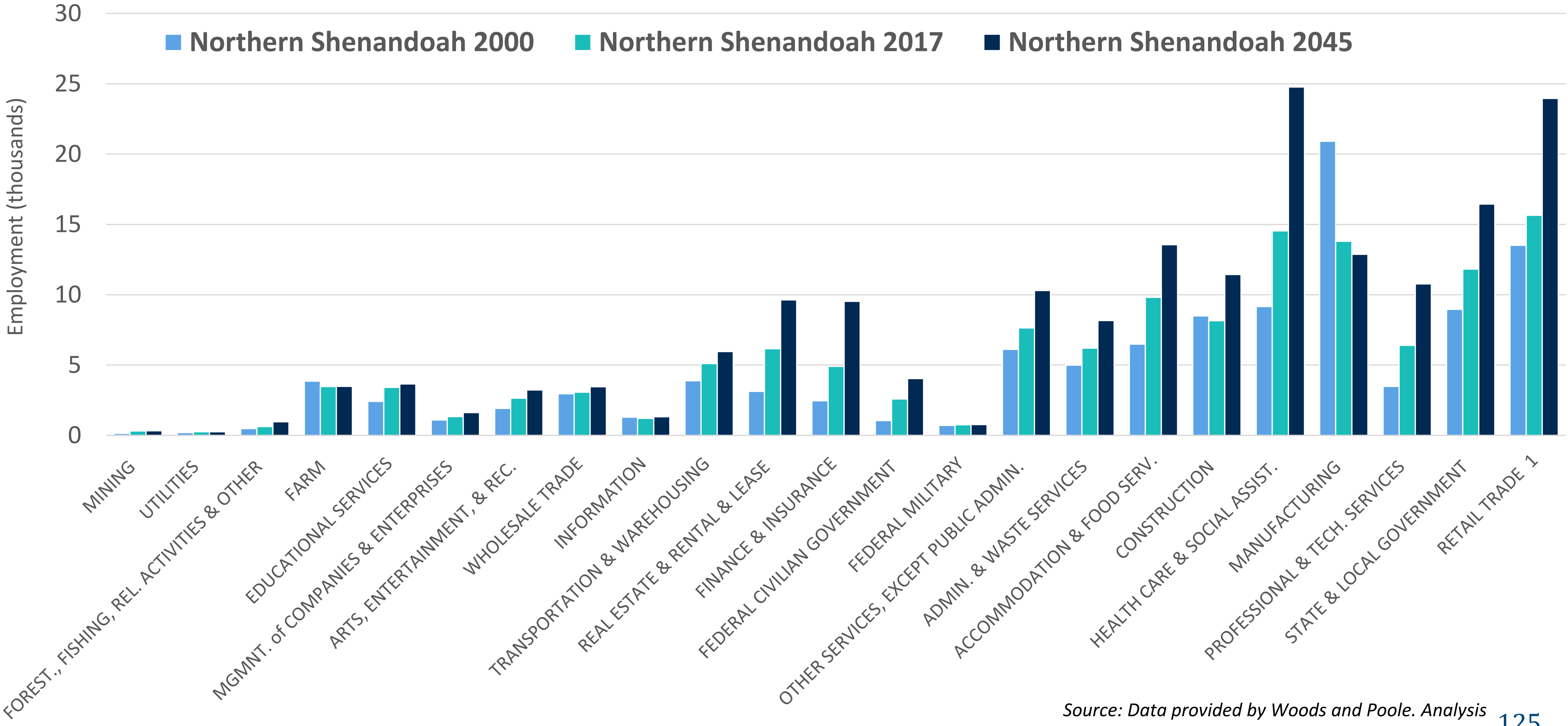
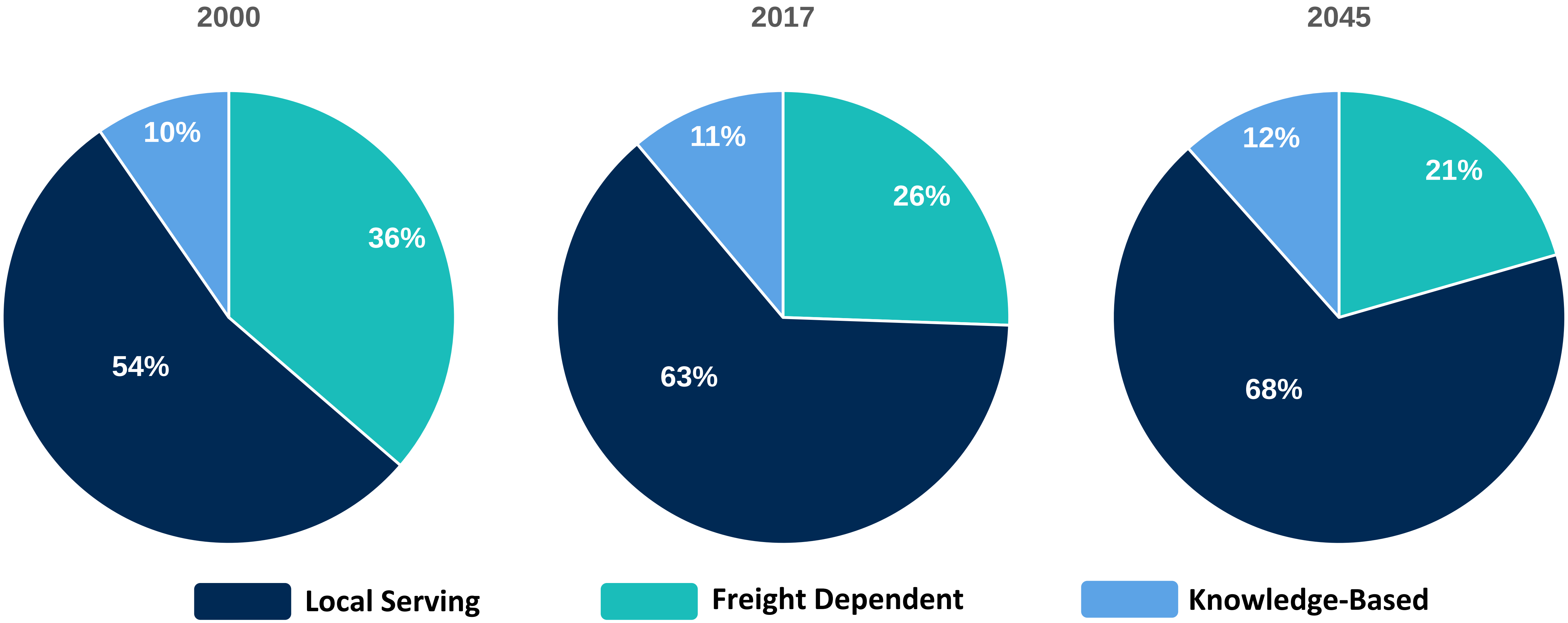
DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

Northern Shenandoah Valley RC



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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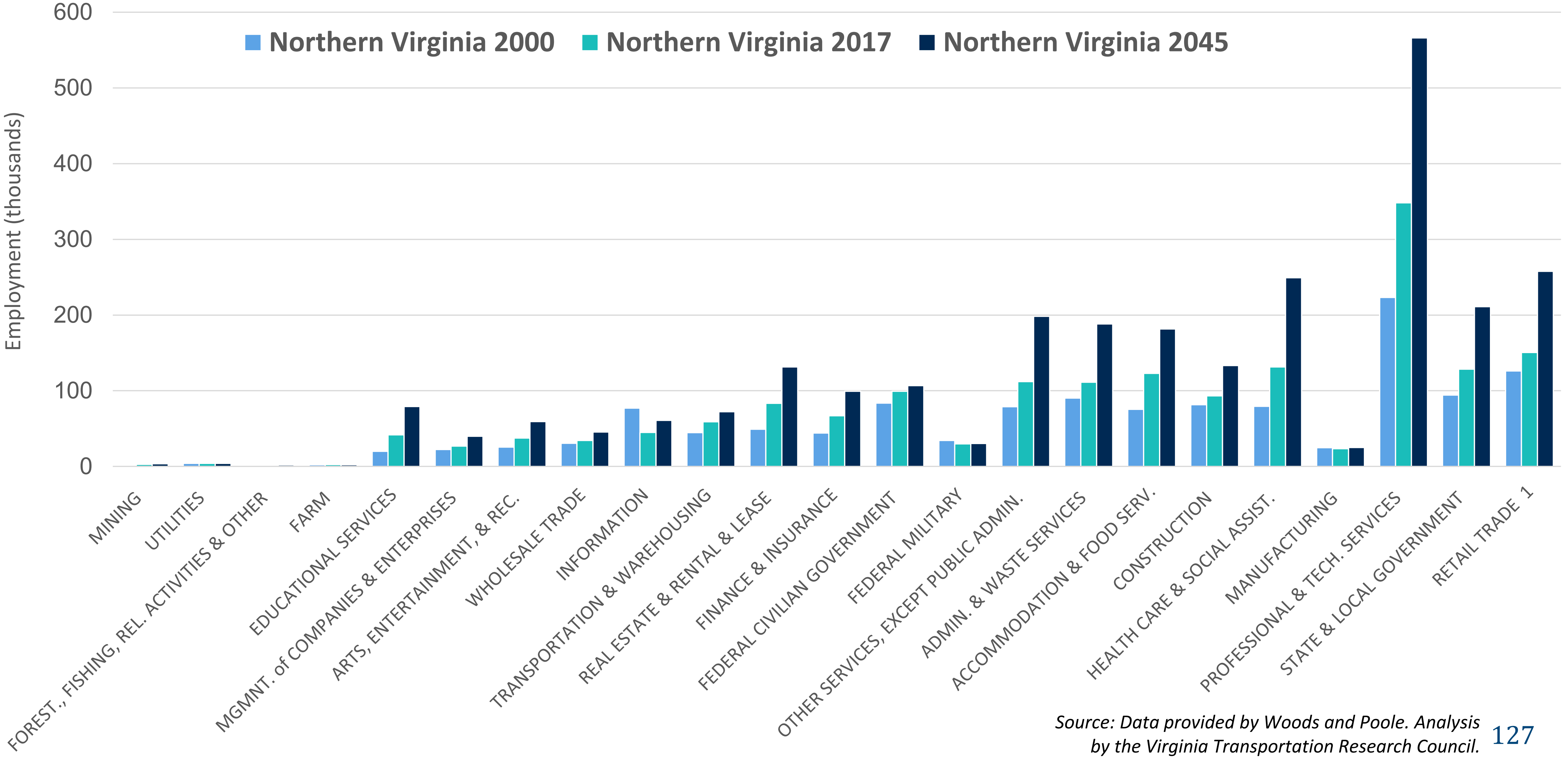

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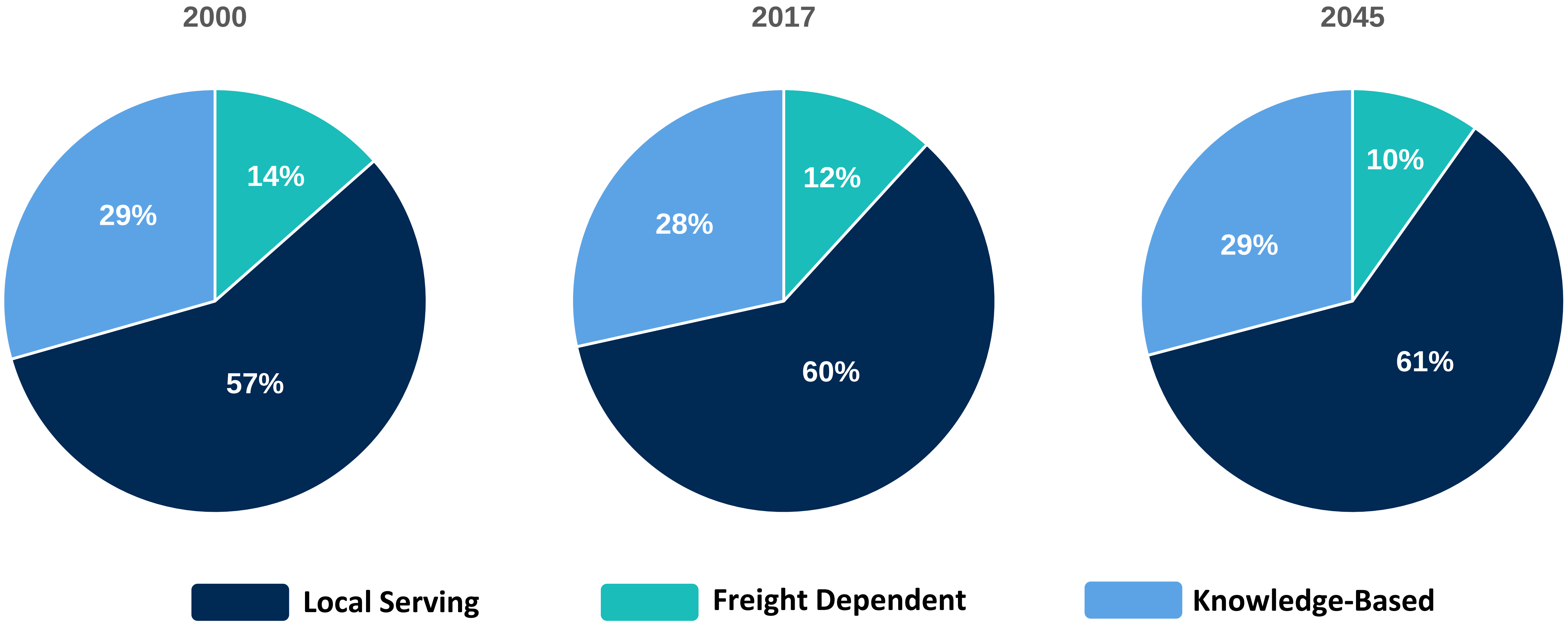
DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

Northern Virginia RC



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

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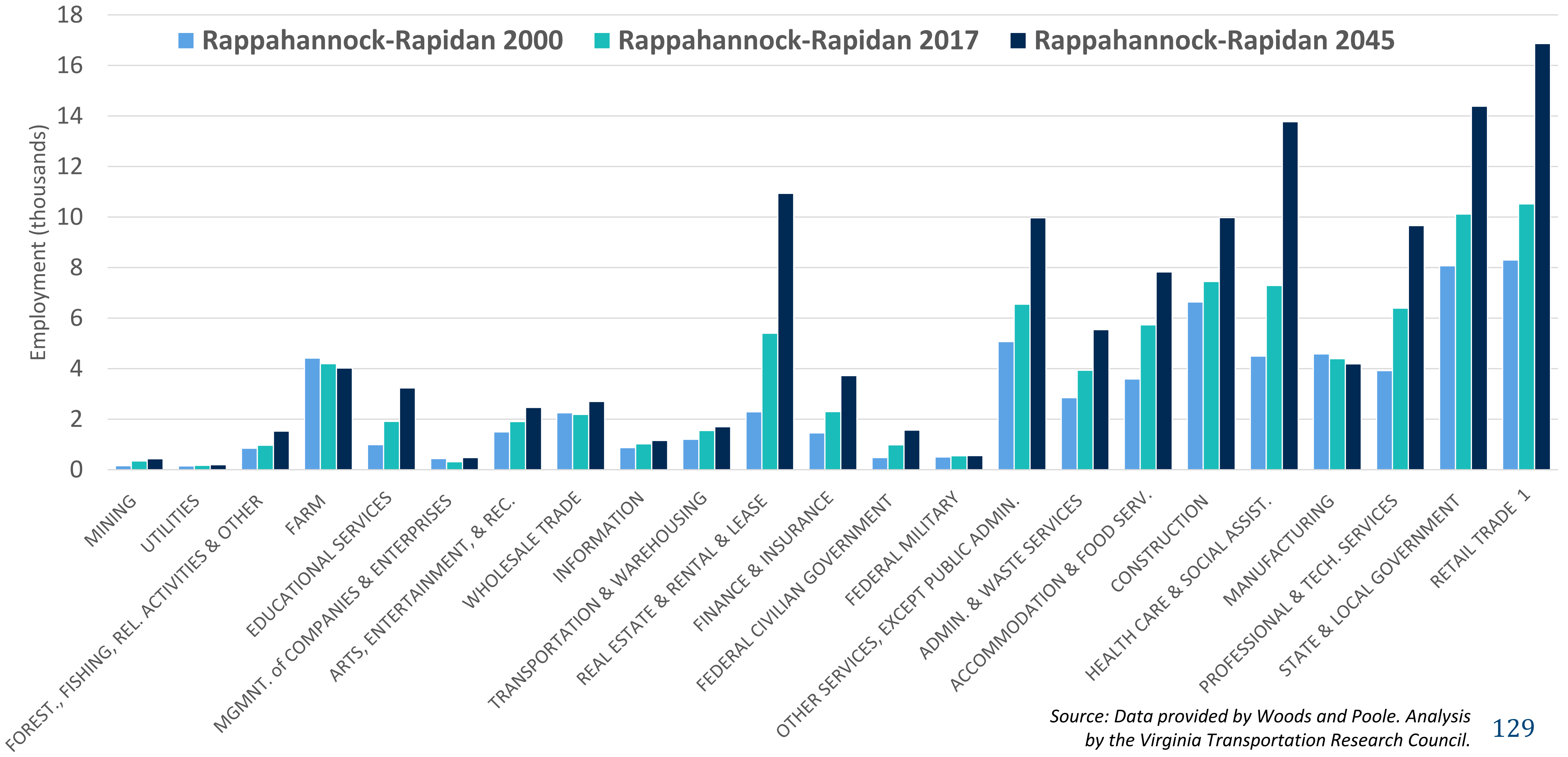
DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



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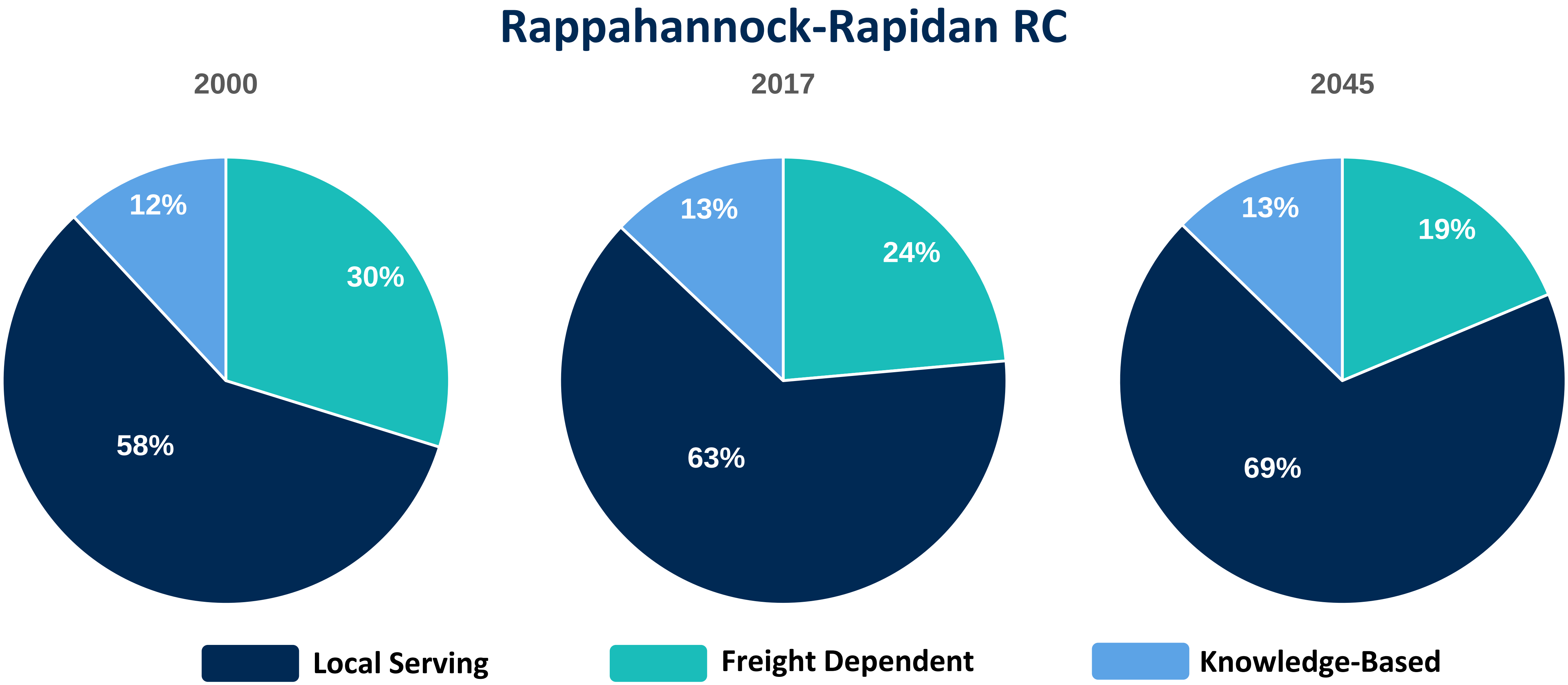

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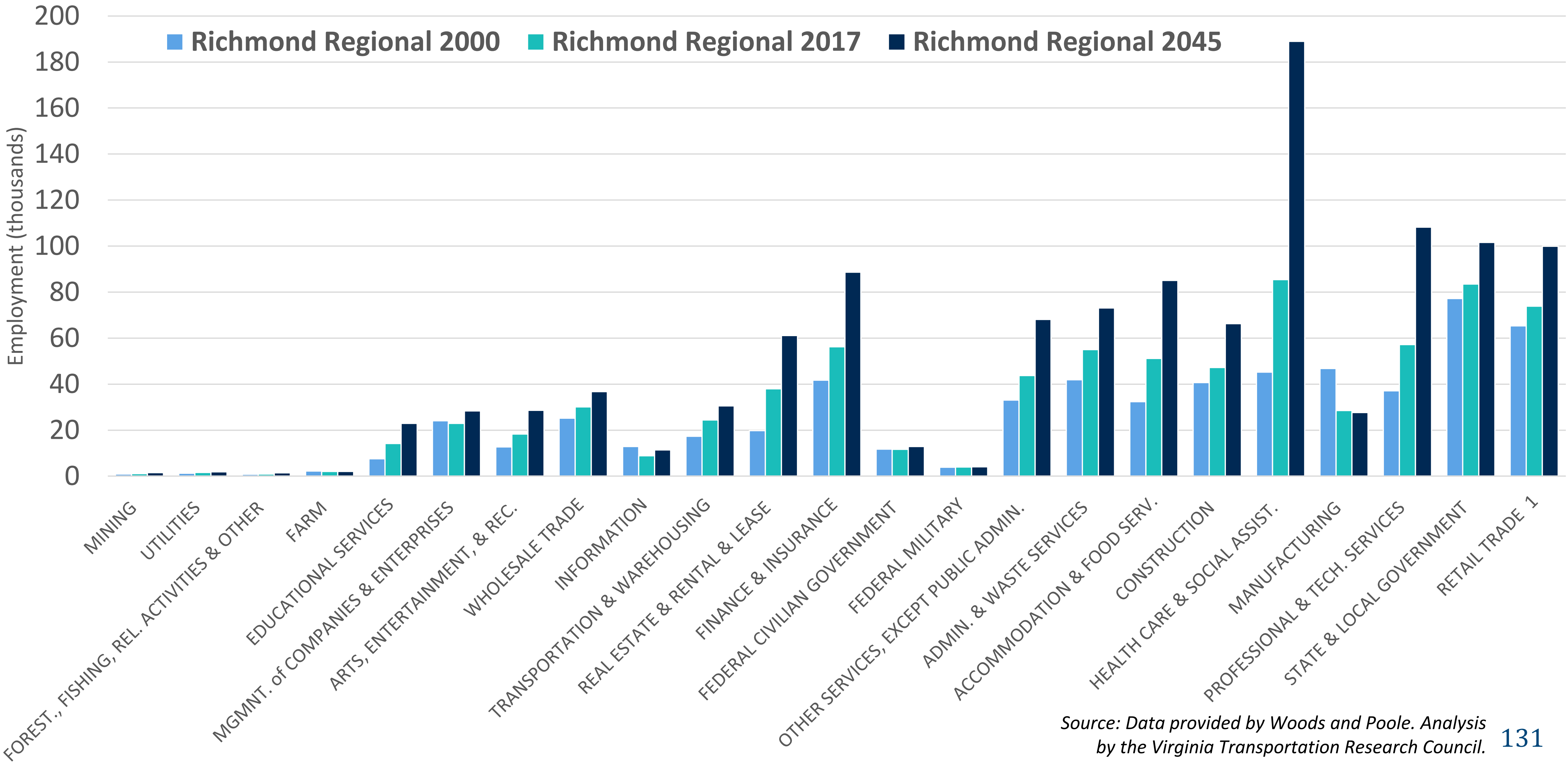
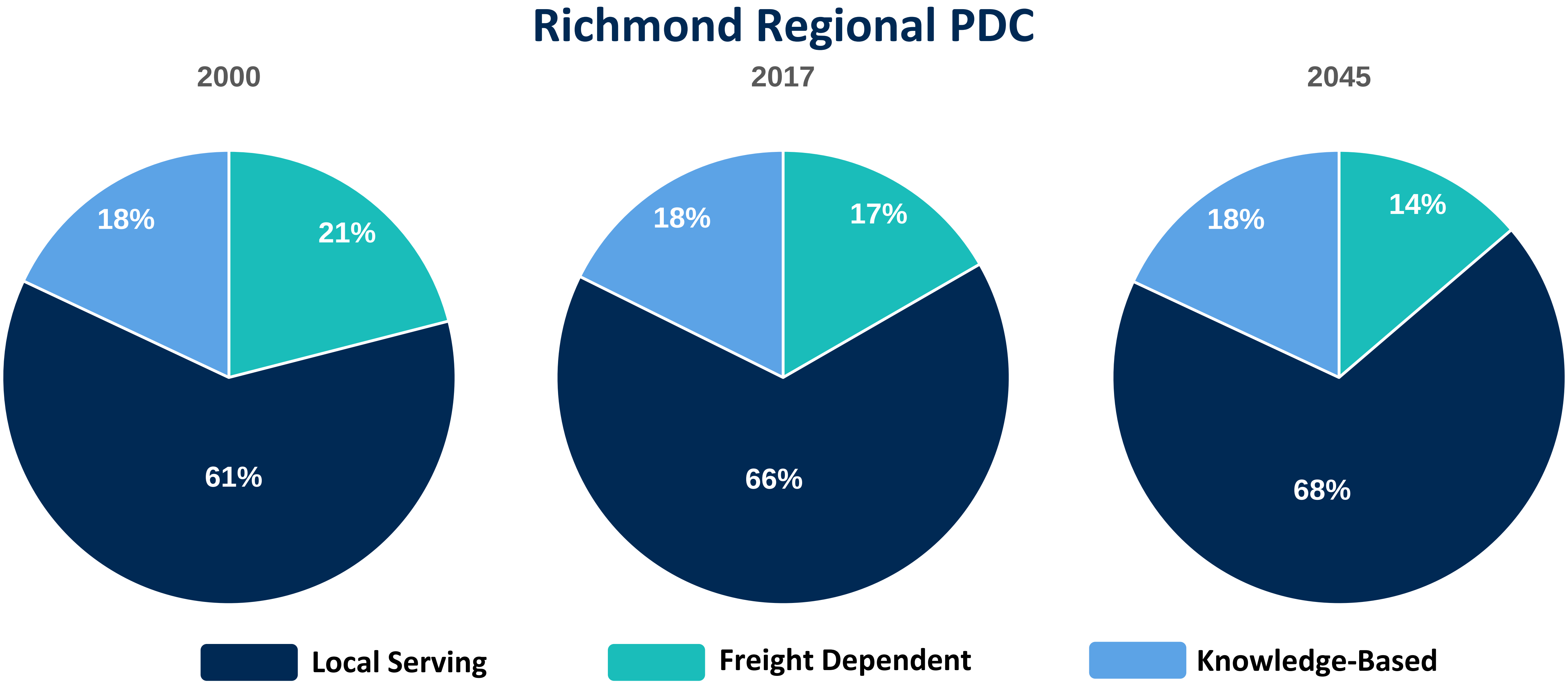


Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



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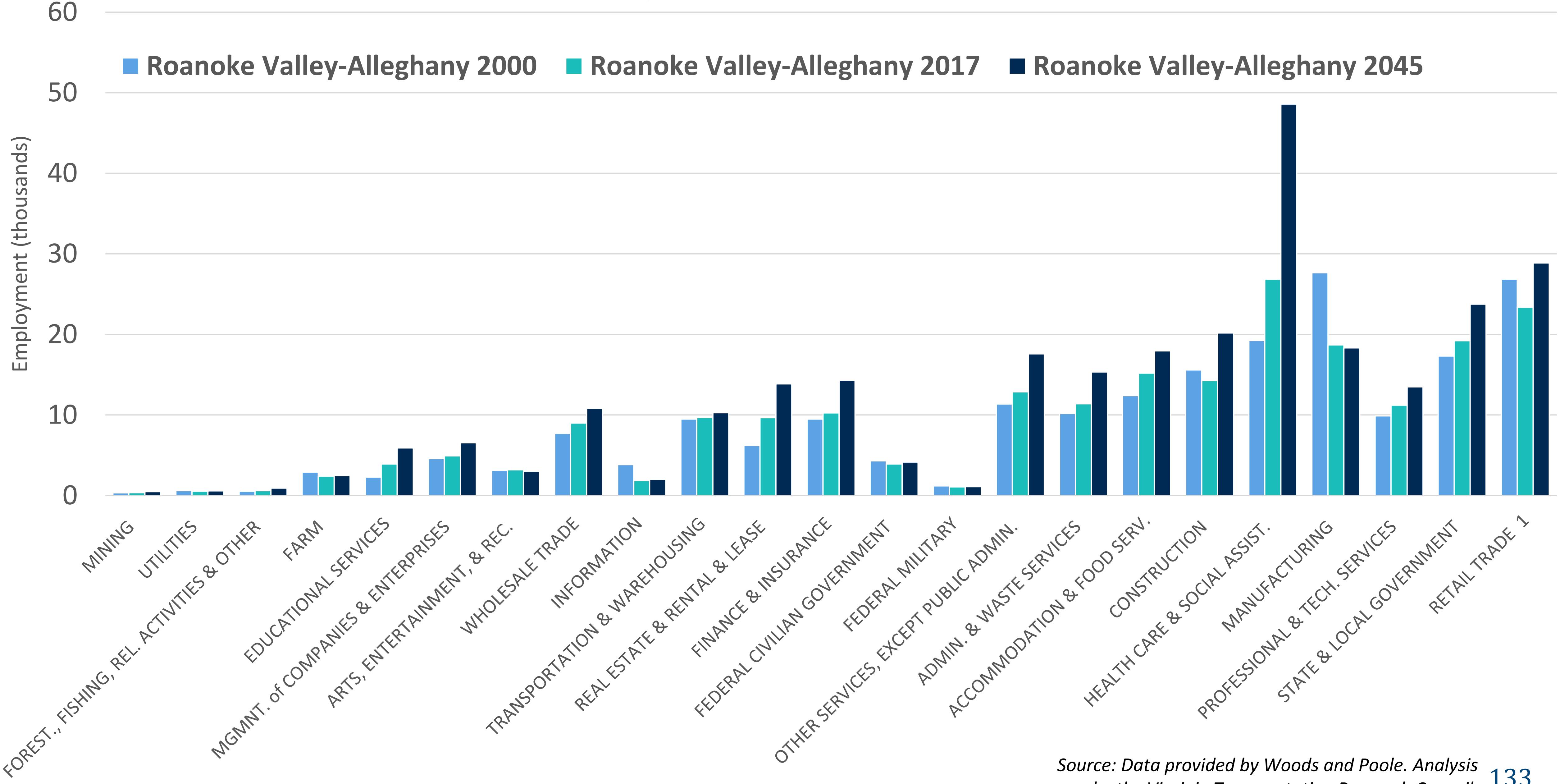
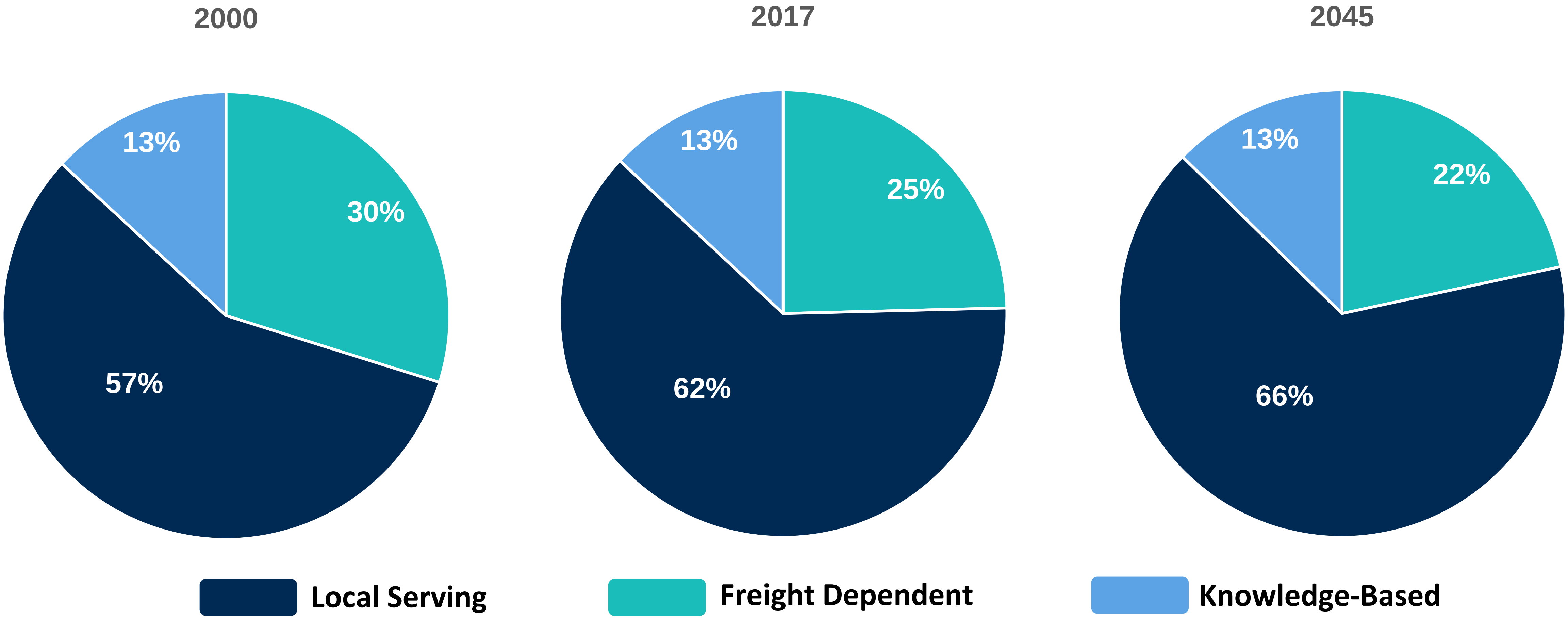


Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

Roanoke Valley-Alleghany RC



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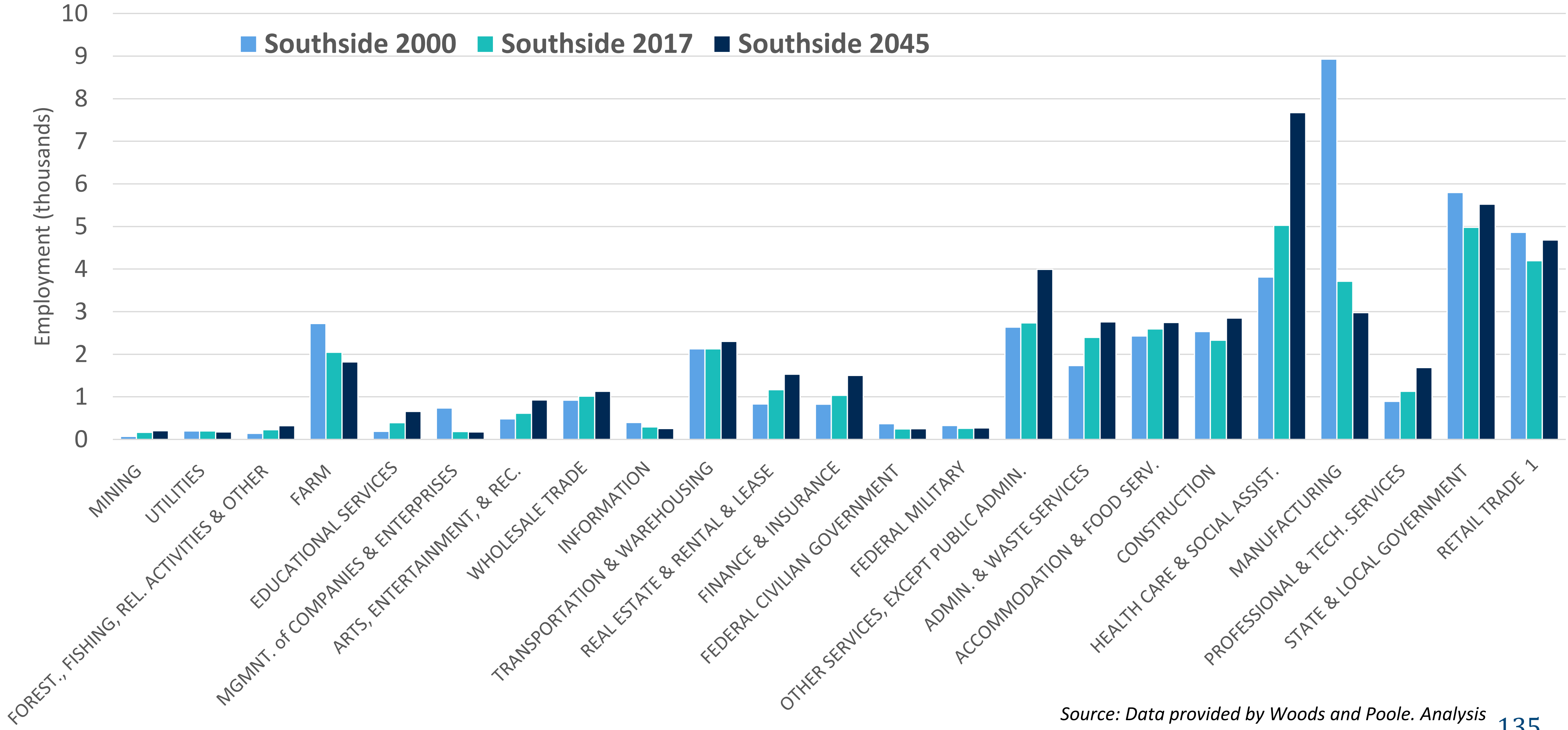
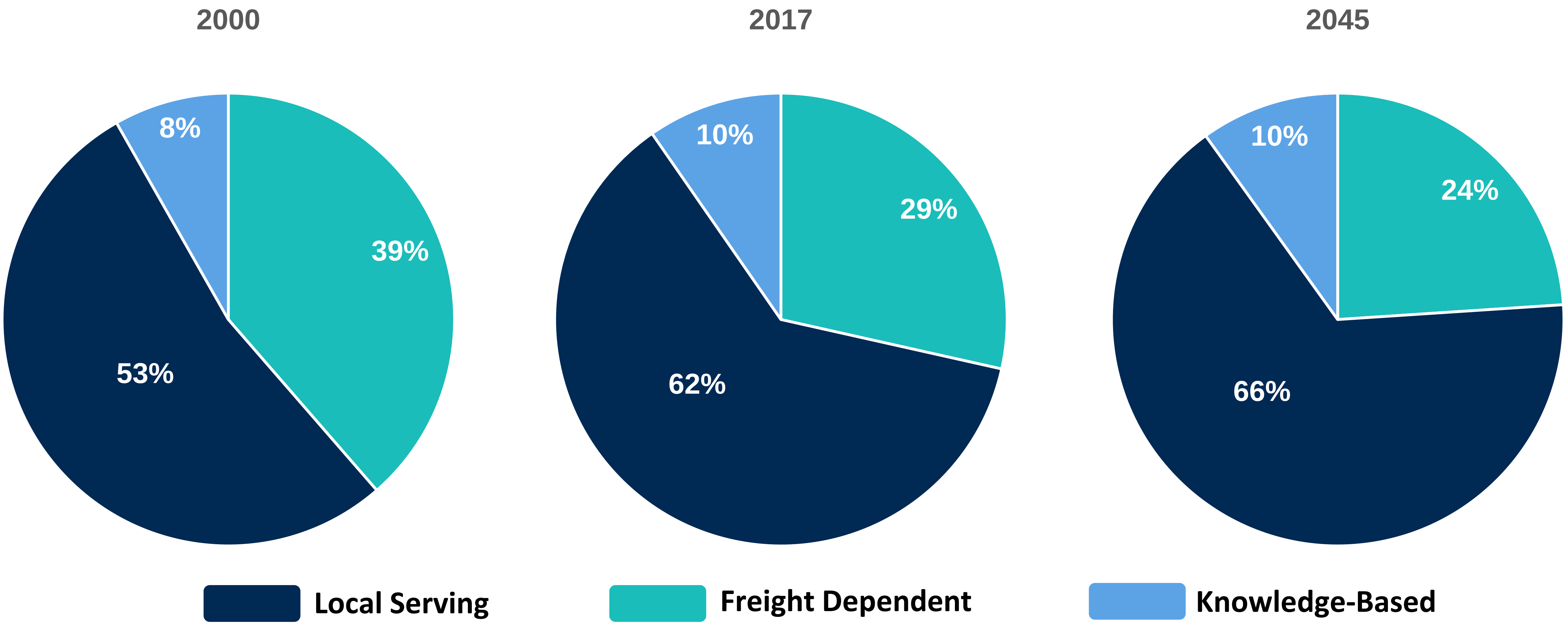


Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

Southside PDC



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

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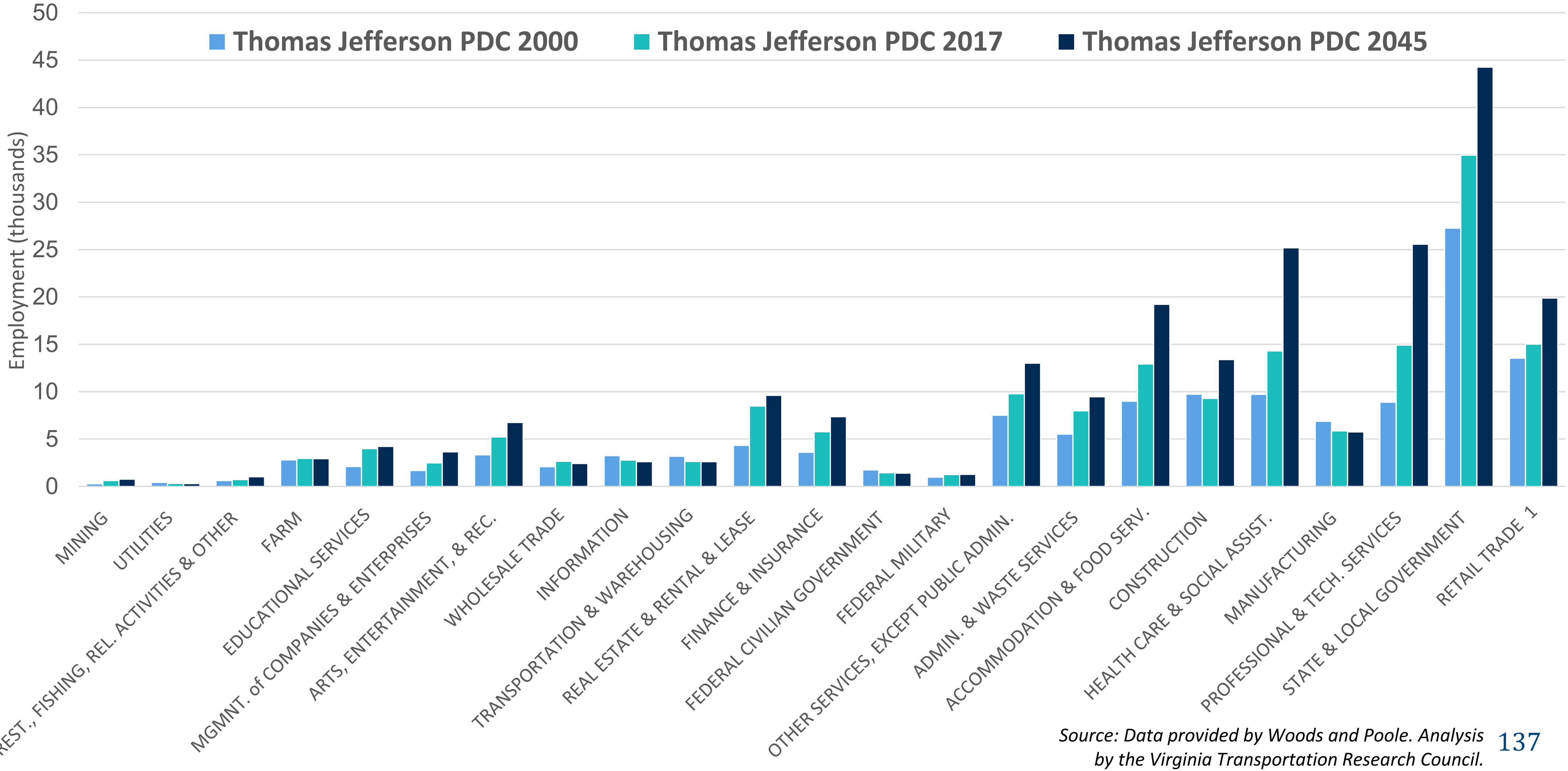
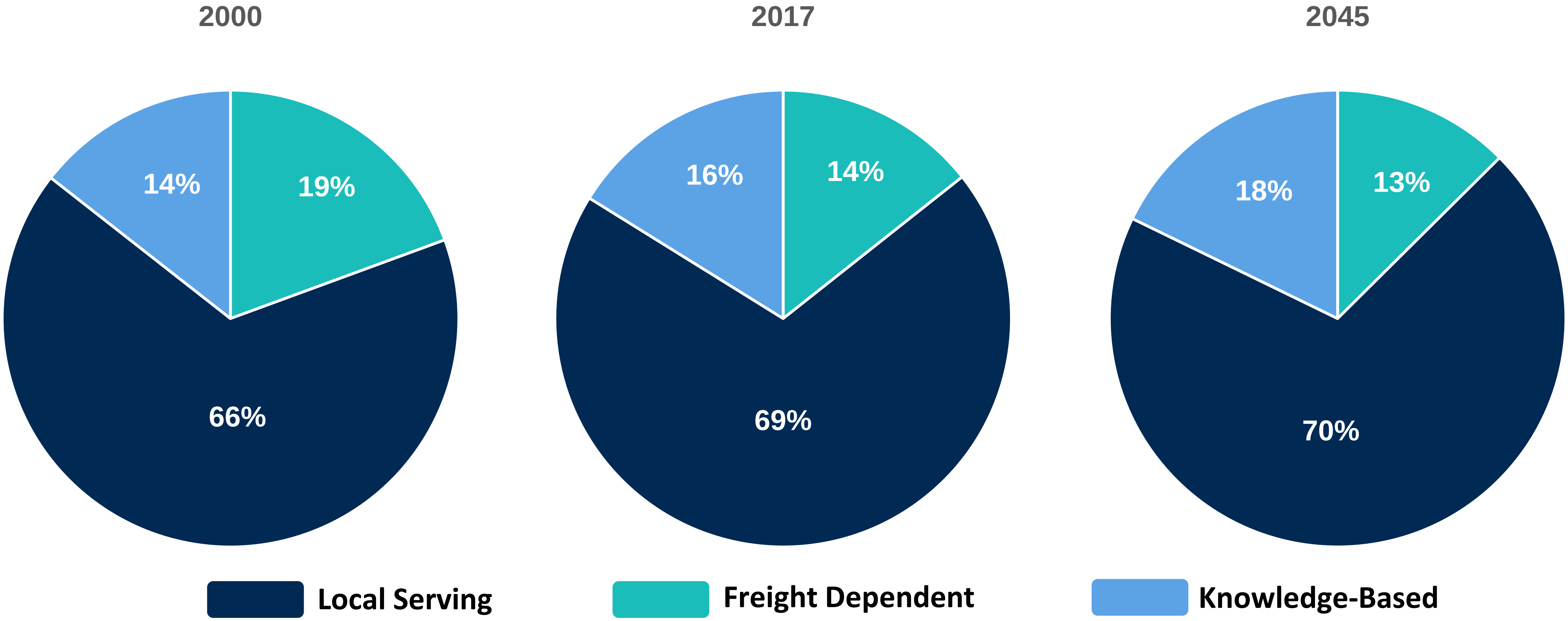
DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

Thomas Jefferson PDC



Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

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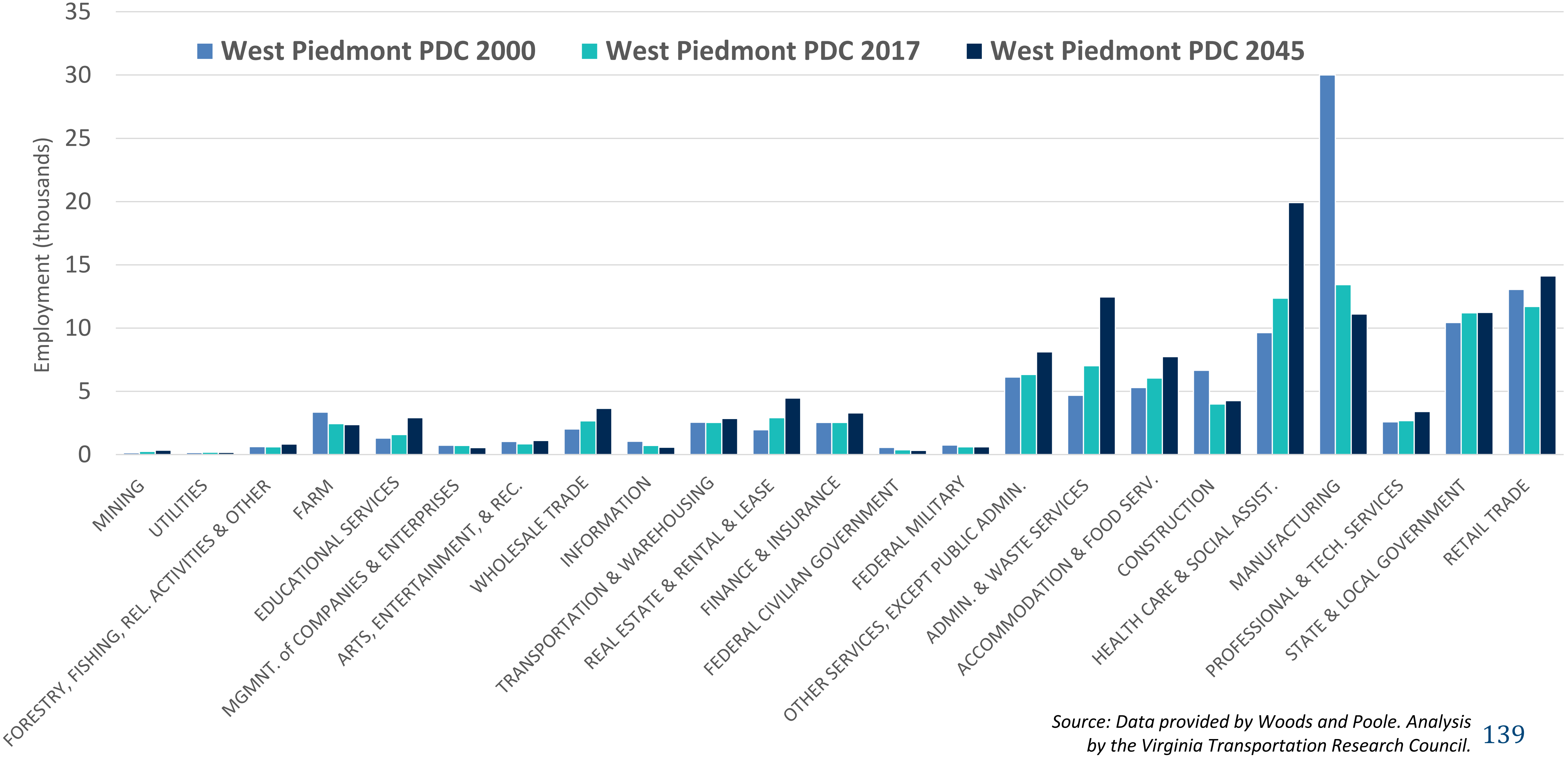
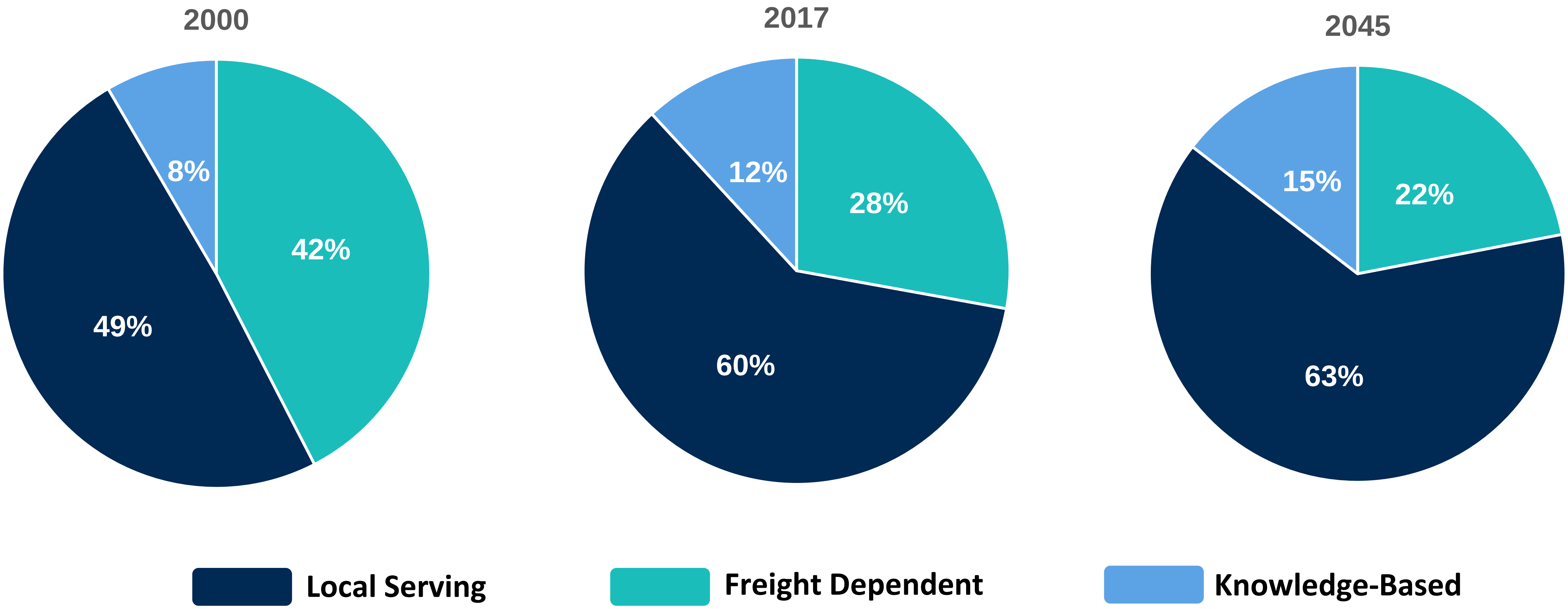


Source: Data provided by Woods and Poole. Analysis by the Virginia Transportation Research Council.

DEMOGRAPHIC TRENDS: PDC EMPLOYMENT BY INDUSTRY

West Piedmont PDC



VTRANS | VIRGINIA'S TRANSPORTATION PLAN

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