



PUBLIC TRANSPORTATION

STRATEGIC PLAN

Connecting North Carolinians to Opportunities



Community Meeting

Charlotte / Gastonia / Kannapolis—Charlotte and Sandhill analysis districts

May 8, 2017 | Rowan-Cabarrus Community College (Concord)

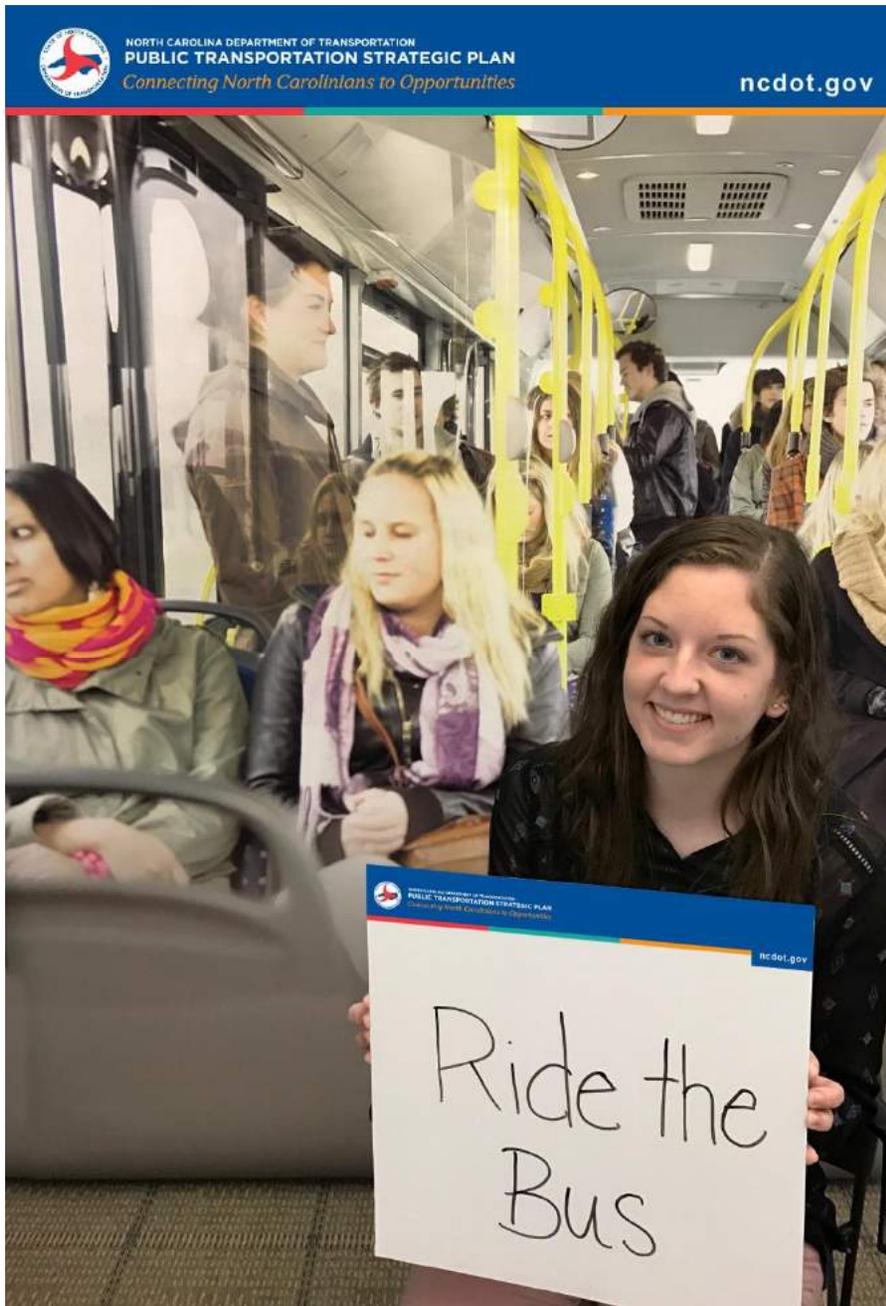
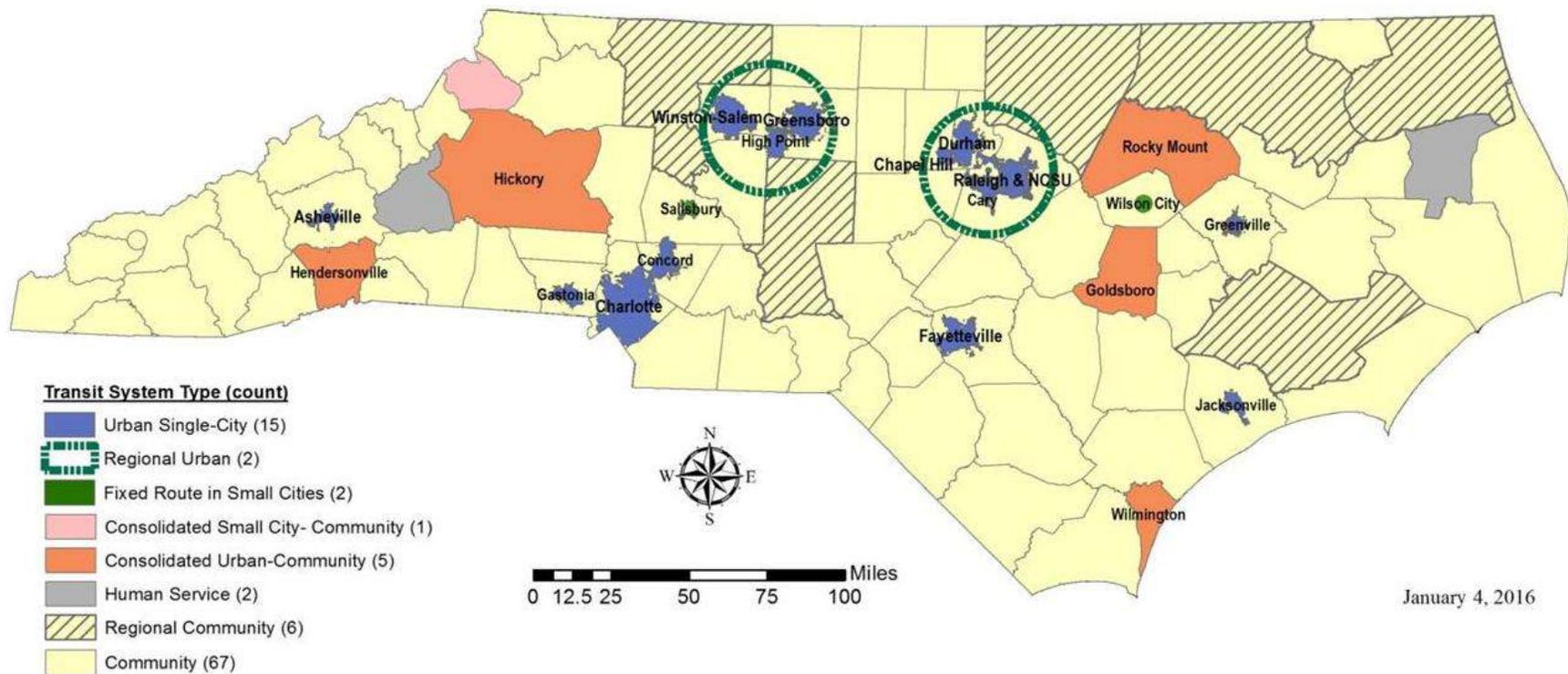


Photo Booth

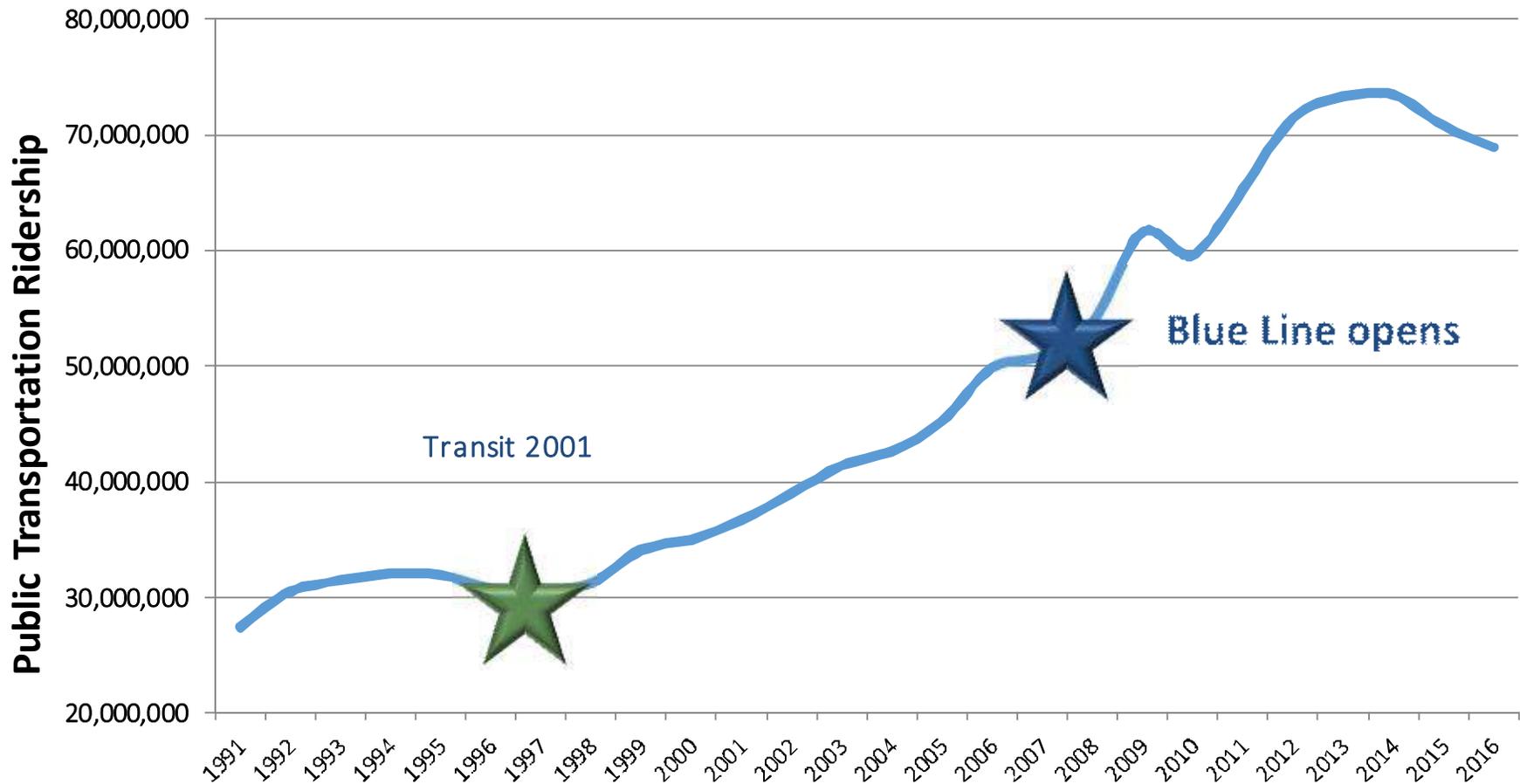
Agenda

- I. Intro Activity—Poll
- II. Commute Trip and Transit Opportunities Analysis
- III. 10 minute break / photo booth
- IV. Break-out Groups - SWOT Analysis
- V. Report Out and Prioritize
- VI. Conclude

PUBLIC TRANSPORTATION SYSTEMS IN NORTH CAROLINA BY CATEGORY



Exceptional Growth in Urban Public Transportation Ridership



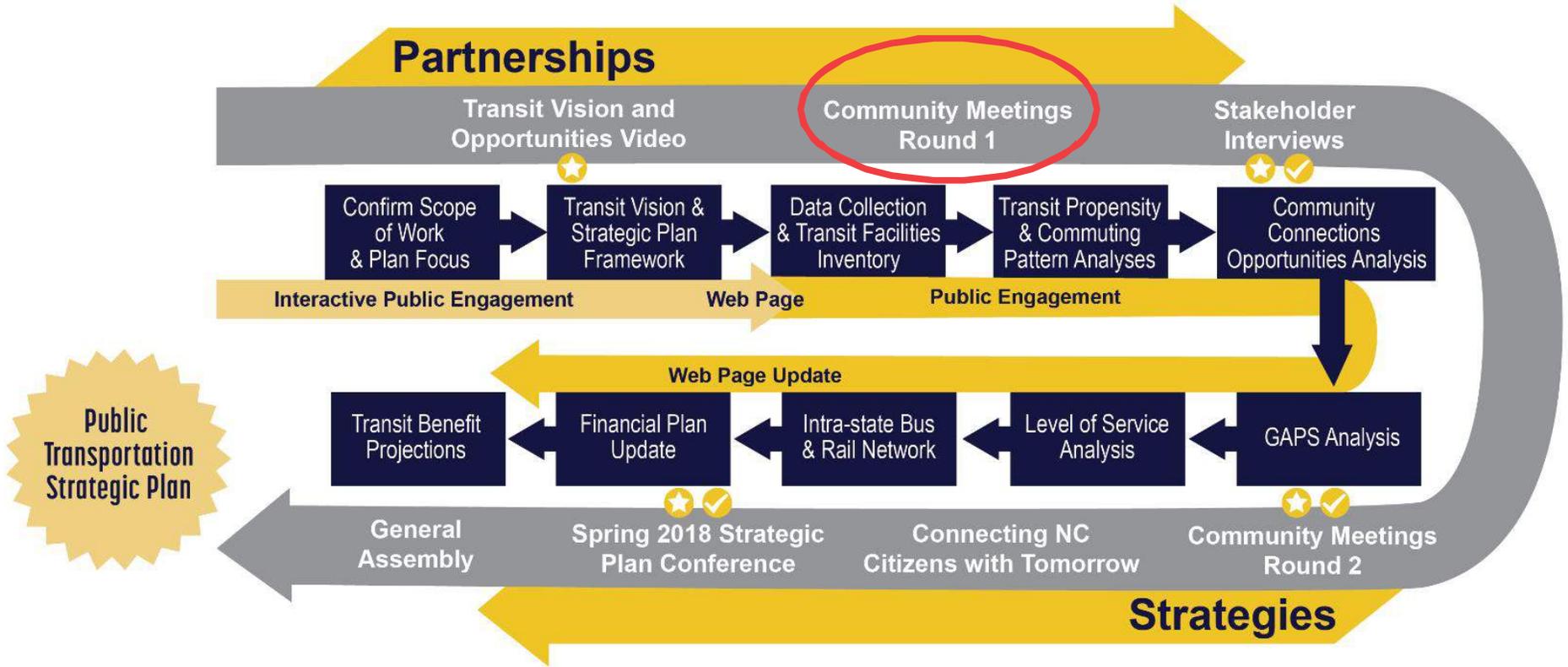
Why Strategic Plan?

- Accountability
- Direction
- What can you do without a plan?
Everything has a plan.
- Prepare for projected growth
- Helps make an argument for needs
- Changes mindset – history vs future
- Gives voice to all / opportunity for inclusion
- Opportunity for innovation
- Evolving technology
- Support other planning efforts
- Define success
- Identify funding/target to needs;
“Blueprint” for infrastructure investment
- Partners – common terminology, move forward together





Public Transportation Strategic Plan Conceptual Work Plan



- ★ Executive Leadership Committee
- ✓ Technical / Steering Committee



PUBLIC TRANSPORTATION

STRATEGIC PLAN

Connecting North Carolinians to Opportunities



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<https://www.ncdot.gov/nctransit/strategicplan/>

Poll Everywhere

What word would you use to illustrate your vision for the future of North Carolina Public Transportation

Meeting Purpose

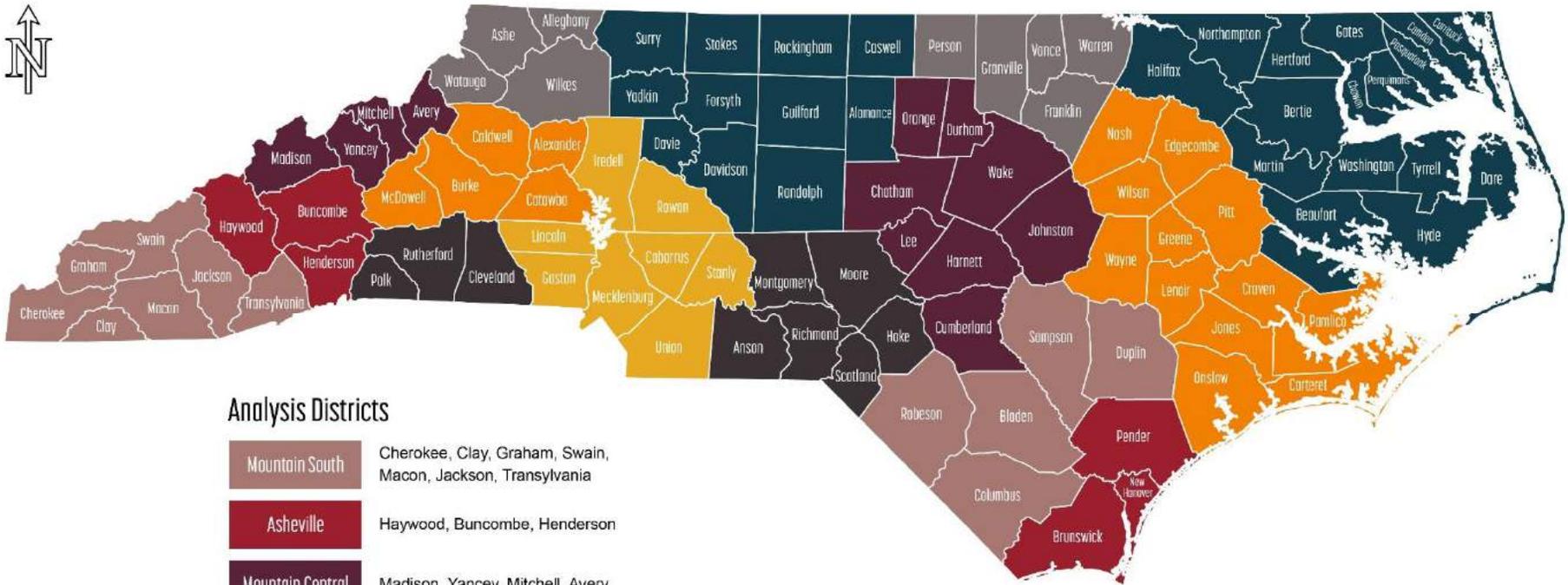
- Provide a forum for discussing your ideas and concerns (specific to different geographic areas)
- Discuss a vision and goals for the future of public transportation in North Carolina
- Get a clearer understanding of the current transit situation (overall service, partnerships, etc.)
 - Identify strengths and challenges
 - Identify opportunities/threats
- Identify your priorities

By the end of the meeting we will have...

- Identified the challenges and opportunities for North Carolina's public transportation systems
- Discussed vision and goals for the future of public transportation in North Carolina
- Considered priorities for the future of transit in North Carolina

Transit Markets Analysis

- 15 analysis districts for commuting patterns and opportunity analysis
- Work trips are usually the largest trip purpose for most fixed route transit services
- The U.S. Census Longitudinal Employer–Household Dynamics (LEHD) data set can be used to estimate commuting patterns
- High commuting flows within a district may indicate the need for local bus service
- High commuting flows between districts demonstrates the longer distance transit market

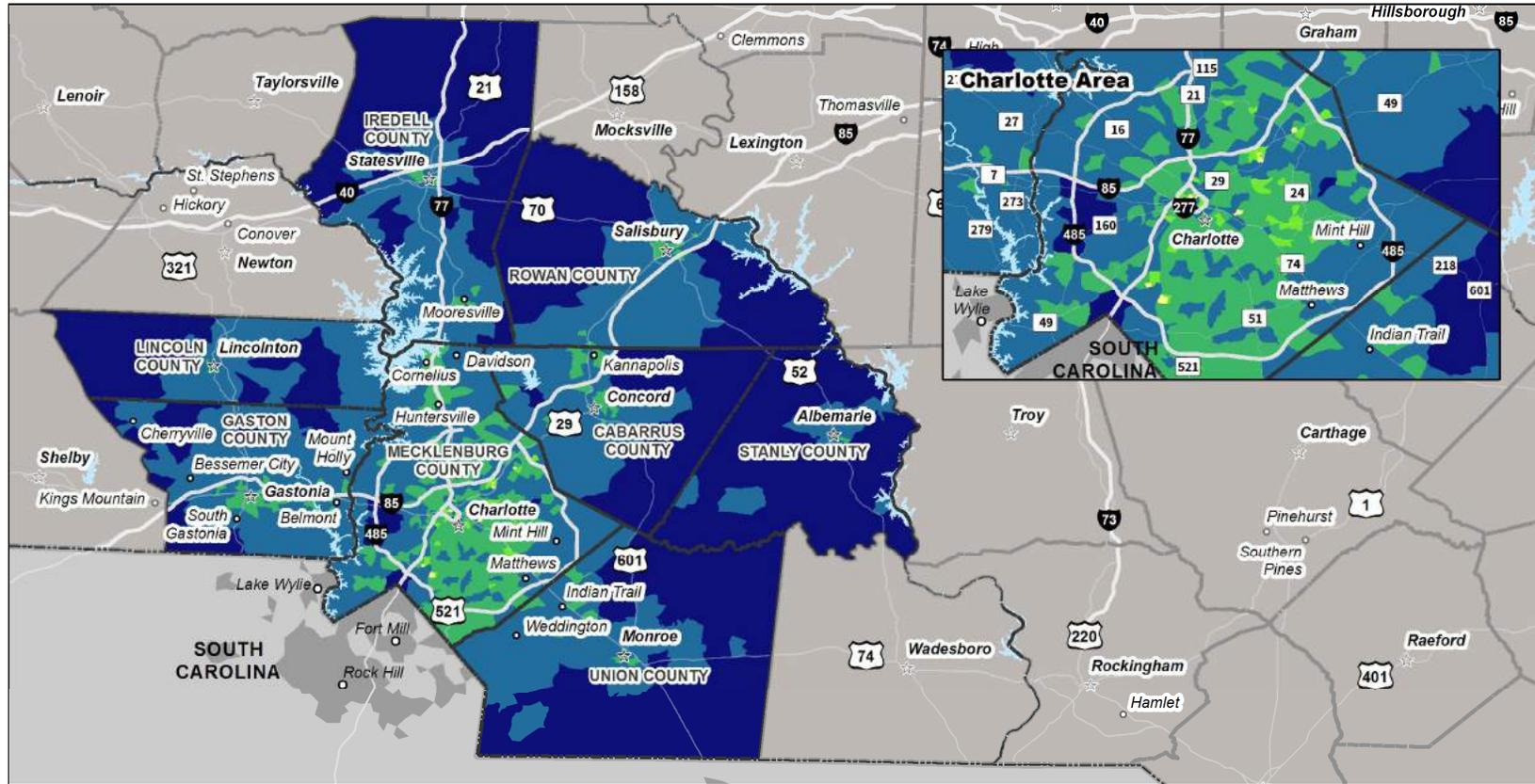


Analysis Districts

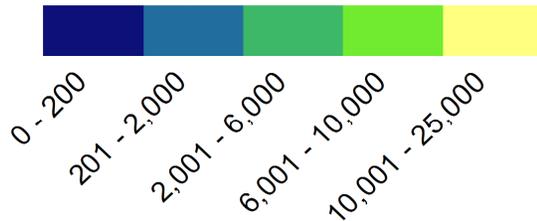
| | |
|------------------------------------|---|
| Mountain South | Cherokee, Clay, Graham, Swain, Macon, Jackson, Transylvania |
| Asheville | Haywood, Buncombe, Henderson |
| Mountain Central | Madison, Yancey, Mitchell, Avery |
| Mountain North | Ashe, Alleghany, Wilkes, Watauga |
| Foothills | Polk, Rutherford, Cleveland |
| Hickory | Caldwell, Alexander, Catawba, Burke, McDowell |
| Piedmont | Surry, Yadkin, Davie, Stokes, Rockingham, Forsyth, Guilford, Alamance, Davidson, Randolph, Caswell |
| Charlotte | Lincoln, Gaston, Iredell, Rowan, Cabarrus, Union, Mecklenburg, Stanly |
| Sandhills | Anson, Montgomery, Richmond, Moore, Hoke, Scotland |
| Eastern - South | Robeson, Columbus, Bladen, Sampson, Duplin |
| Wilmington | Brunswick, New Hanover, Pender |
| Triangle | Durham, Orange, Wake, Chatham, Lee, Harnett, Cumberland, Johnston |
| Kerr | Person, Granville, Vance, Warren, Franklin |
| Eastern Urban (US 70 / 264) | Wayne, Pitt, Greene, Lenoir, Jones, Onslow, Carteret, Wilson, Nash, Edgecombe, Pamlico, Craven |
| Eastern - Northern | Halifax, Northampton, Hertford, Gates, Martin, Bertie, Chowan, Washington, Beaufort, Hyde, Tyrrell, Perquimans, Currituck, Camden, Pasquotank, Dare |

Charlotte

Population Density



Population per Square Mile



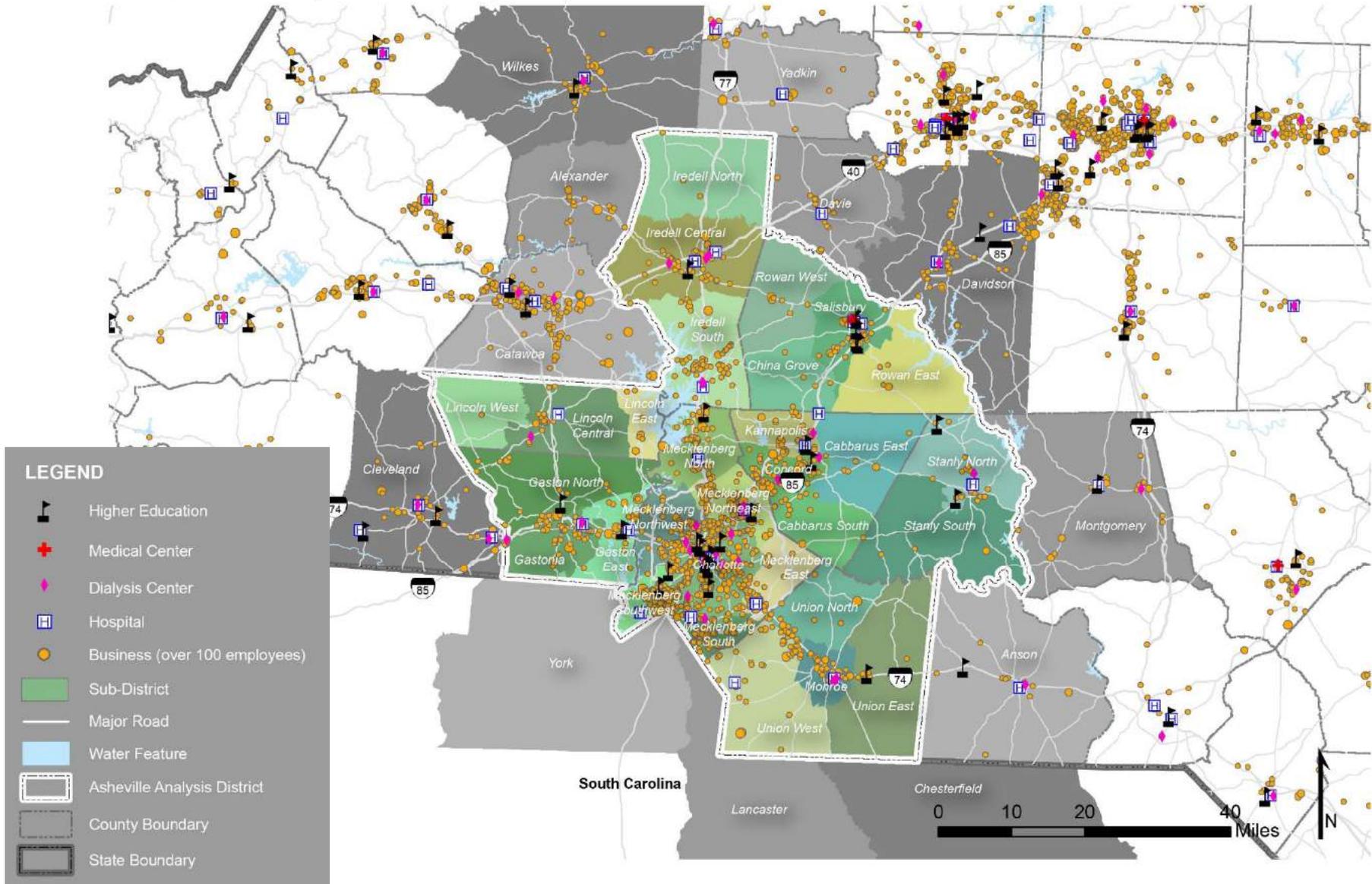
| County | Population | County | Population |
|----------|------------|-------------|------------|
| Cabarrus | 188,375 | Mecklenburg | 990,288 |
| Gaston | 209,807 | Rowan | 138,361 |
| Iredell | 165,066 | Stanly | 60,586 |
| Lincoln | 79,578 | Union | 213,422 |



Sub-District Commuter Flow Analysis

Analysis areas

Charlotte District (Source: LEHD 2014, All Jobs)



Charlotte / Gastonia / Kannapolis Community – May 8, 2017

| Charlotte District | Work Sub-District | | | | | | | | | | | | | |
|-----------------------|-------------------|-----------------|--------------|--------------|-------------|----------|-----------------------|-------------------|-----------------------|------------------|-------------------|-----------------------|-----------|--|
| | Lincoln West | Lincoln Central | Lincoln East | Gaston North | Gaston East | Gastonia | Mecklenberg Northwest | Mecklenberg North | Mecklenberg Northeast | Mecklenberg East | Mecklenberg South | Mecklenberg Southwest | Charlotte | |
| Lincoln West | 258 | 1110 | 94 | 249 | 73 | 315 | 76 | 121 | 117 | 38 | 60 | 77 | 489 | |
| Lincoln Central | 211 | 3988 | 797 | 648 | 421 | 1312 | 438 | 729 | 709 | 180 | 259 | 490 | 2395 | |
| Lincoln East | 25 | 455 | 1036 | 79 | 132 | 247 | 420 | 853 | 530 | 118 | 189 | 300 | 2143 | |
| Gaston North | 46 | 890 | 335 | 2947 | 1755 | 5665 | 890 | 595 | 985 | 293 | 397 | 1008 | 4095 | |
| Gaston East | 20 | 258 | 141 | 753 | 3264 | 4359 | 1431 | 607 | 1220 | 373 | 587 | 1454 | 6319 | |
| Gastonia | 13 | 516 | 180 | 1869 | 3014 | 12249 | 1323 | 537 | 1459 | 469 | 675 | 1804 | 6416 | |
| Mecklenberg Northwest | 4 | 119 | 150 | 228 | 680 | 853 | 3446 | 1379 | 3659 | 833 | 1043 | 2694 | 14616 | |
| Mecklenberg North | 14 | 236 | 282 | 126 | 256 | 504 | 1212 | 7962 | 4328 | 637 | 1162 | 1221 | 11502 | |
| Mecklenberg Northeast | 2 | 159 | 126 | 172 | 366 | 867 | 2653 | 2693 | 11467 | 1754 | 1806 | 2890 | 25131 | |
| Mecklenberg East | 1 | 61 | 45 | 68 | 166 | 356 | 880 | 735 | 2989 | 4109 | 1775 | 1671 | 15049 | |
| Mecklenberg South | 3 | 59 | 39 | 56 | 137 | 330 | 1044 | 569 | 2388 | 1684 | 5966 | 3205 | 17161 | |
| Mecklenberg Southwest | 3 | 50 | 45 | 72 | 209 | 502 | 1460 | 566 | 1740 | 791 | 1739 | 5619 | 12271 | |
| Charlotte | 5 | 275 | 185 | 274 | 864 | 1626 | 5872 | 3416 | 12897 | 5757 | 7688 | 10096 | 85216 | |
| Union West | 2 | 68 | 36 | 43 | 98 | 277 | 726 | 429 | 2092 | 2456 | 3735 | 2560 | 12972 | |
| Union North | 1 | 19 | 14 | 16 | 43 | 131 | 310 | 194 | 1143 | 1697 | 944 | 826 | 5759 | |
| Union East | 0 | 14 | 12 | 8 | 24 | 79 | 85 | 100 | 239 | 376 | 180 | 236 | 1370 | |
| Monroe | 0 | 25 | 9 | 15 | 45 | 125 | 117 | 96 | 421 | 643 | 418 | 440 | 2250 | |
| Stanly North | 0 | 10 | 12 | 18 | 25 | 37 | 90 | 83 | 322 | 137 | 102 | 140 | 888 | |
| Stanly South | 1 | 13 | 11 | 23 | 27 | 44 | 101 | 131 | 436 | 295 | 122 | 202 | 1719 | |
| Cabbarus East | 1 | 17 | 22 | 19 | 49 | 85 | 219 | 273 | 895 | 223 | 218 | 286 | 2263 | |
| Cabbarus South | 0 | 18 | 26 | 18 | 49 | 95 | 366 | 351 | 1911 | 518 | 228 | 416 | 4300 | |
| Concord | 4 | 36 | 69 | 39 | 117 | 200 | 640 | 1205 | 3371 | 565 | 470 | 718 | 7095 | |
| Kannapolis | 2 | 29 | 66 | 30 | 107 | 140 | 422 | 1052 | 1822 | 319 | 372 | 551 | 4254 | |
| China Grove | 2 | 23 | 29 | 21 | 93 | 129 | 159 | 534 | 790 | 91 | 86 | 178 | 1101 | |
| Salisbury | 1 | 51 | 62 | 33 | 129 | 222 | 181 | 341 | 594 | 127 | 136 | 222 | 1498 | |
| Rowan West | 0 | 5 | 9 | 5 | 24 | 49 | 30 | 98 | 102 | 27 | 21 | 46 | 289 | |
| Rowan East | 2 | 30 | 26 | 17 | 88 | 127 | 114 | 177 | 387 | 89 | 80 | 104 | 873 | |
| Iredell North | 1 | 27 | 16 | 9 | 33 | 55 | 72 | 95 | 97 | 37 | 39 | 66 | 436 | |
| Iredell Central | 3 | 112 | 70 | 35 | 113 | 206 | 293 | 644 | 632 | 137 | 218 | 296 | 2051 | |
| Iredell South | 5 | 175 | 290 | 81 | 131 | 274 | 543 | 3580 | 1997 | 183 | 280 | 379 | 2736 | |

Charlotte / Gastonia / Kannapolis Community – May 8, 2017

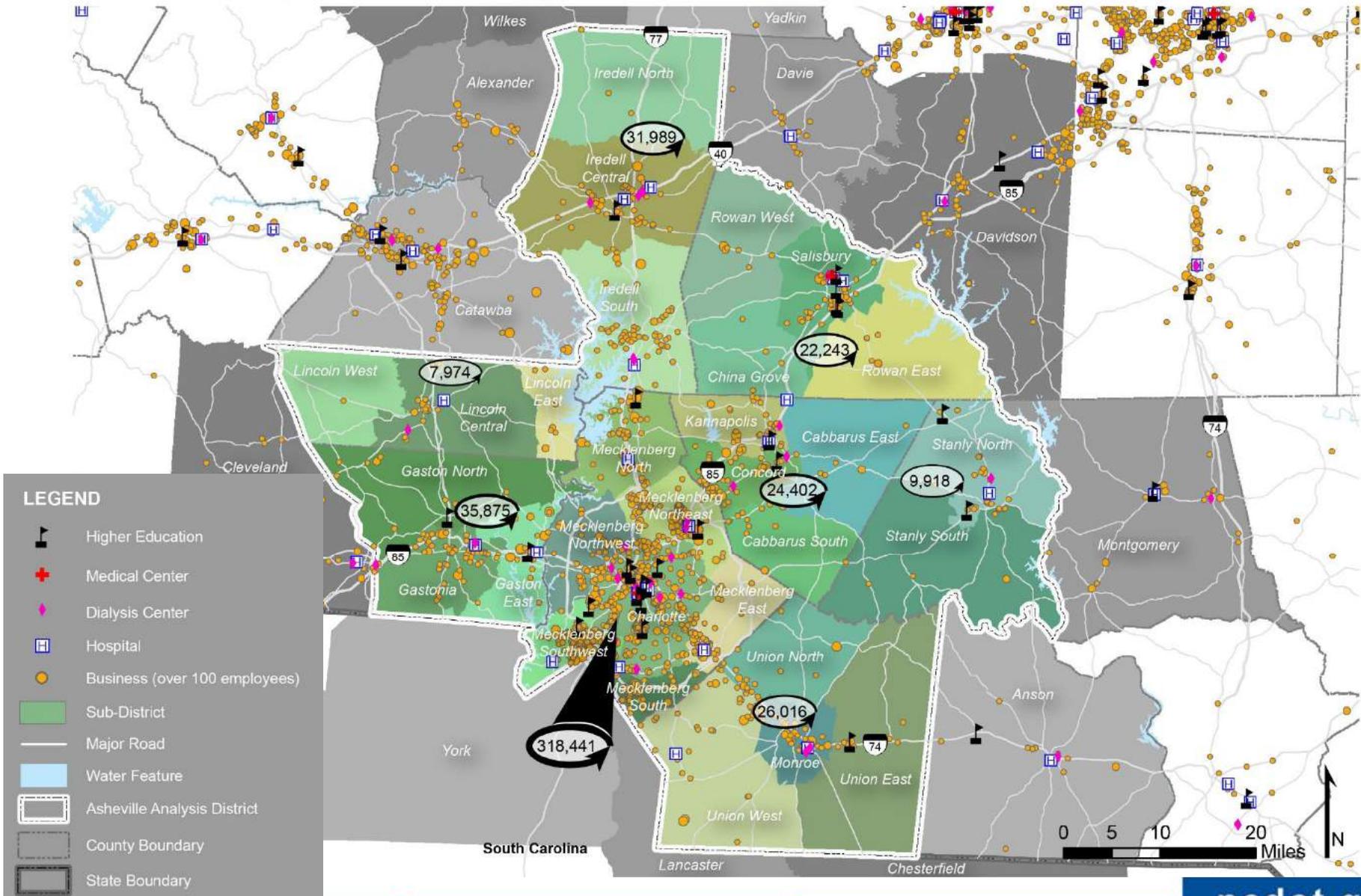
| Charlotte District | | Work Sub-District | | | | | | | | | | | | | | | |
|-----------------------|------|-------------------|-------------|------------|--------|--------------|--------------|---------------|----------------|---------|------------|-------------|-----------|------------|------------|---------------|-----------------|
| | | Union West | Union North | Union East | Monroe | Stanly North | Stanly South | Cabbarus East | Cabbarus South | Concord | Kannapolis | China Grove | Salisbury | Rowan West | Rowan East | Iredell North | Iredell Central |
| Lincoln West | 13 | 9 | 0 | 14 | 3 | 6 | 0 | 12 | 39 | 30 | 6 | 16 | 15 | 1 | 2 | 23 | 52 |
| Lincoln Central | 69 | 75 | 7 | 73 | 24 | 24 | 7 | 36 | 152 | 152 | 16 | 82 | 57 | 6 | 7 | 107 | 404 |
| Lincoln East | 35 | 65 | 11 | 14 | 10 | 9 | 3 | 19 | 123 | 73 | 12 | 30 | 18 | 2 | 4 | 59 | 419 |
| Gaston North | 85 | 120 | 12 | 76 | 26 | 23 | 13 | 55 | 213 | 193 | 22 | 97 | 67 | 11 | 17 | 153 | 341 |
| Gaston East | 107 | 90 | 16 | 83 | 33 | 23 | 3 | 54 | 200 | 188 | 32 | 102 | 70 | 5 | 14 | 130 | 233 |
| Gastonia | 150 | 149 | 28 | 133 | 44 | 33 | 16 | 67 | 314 | 288 | 40 | 146 | 119 | 18 | 18 | 178 | 392 |
| Mecklenberg Northwest | 167 | 236 | 27 | 177 | 60 | 27 | 27 | 119 | 504 | 479 | 40 | 215 | 31 | 12 | 3 | 132 | 469 |
| Mecklenberg North | 146 | 152 | 27 | 202 | 54 | 34 | 29 | 139 | 819 | 842 | 106 | 279 | 33 | 36 | 7 | 331 | 2498 |
| Mecklenberg Northeast | 333 | 376 | 78 | 369 | 95 | 81 | 109 | 444 | 1924 | 1495 | 93 | 397 | 26 | 64 | 22 | 267 | 835 |
| Mecklenberg East | 747 | 895 | 102 | 540 | 66 | 81 | 58 | 266 | 652 | 610 | 44 | 233 | 15 | 24 | 5 | 214 | 264 |
| Mecklenberg South | 720 | 441 | 69 | 509 | 34 | 21 | 14 | 81 | 263 | 277 | 21 | 140 | 7 | 14 | 7 | 99 | 207 |
| Mecklenberg Southwest | 251 | 164 | 25 | 157 | 32 | 15 | 15 | 56 | 254 | 317 | 23 | 104 | 9 | 9 | 10 | 102 | 203 |
| Charlotte | 1415 | 1272 | 202 | 1012 | 209 | 134 | 83 | 543 | 1810 | 1766 | 116 | 668 | 35 | 45 | 44 | 425 | 1015 |
| Union West | 4459 | 1938 | 393 | 3064 | 109 | 79 | 61 | 114 | 399 | 407 | 31 | 148 | 10 | 15 | 15 | 121 | 212 |
| Union North | 1248 | 2068 | 249 | 2006 | 61 | 121 | 52 | 140 | 306 | 223 | 11 | 73 | 2 | 8 | 1 | 43 | 89 |
| Union East | 682 | 613 | 1217 | 2472 | 33 | 85 | 31 | 45 | 129 | 132 | 8 | 47 | 2 | 3 | 6 | 28 | 46 |
| Monroe | 1061 | 805 | 536 | 3205 | 29 | 49 | 25 | 48 | 121 | 166 | 9 | 60 | 0 | 5 | 5 | 42 | 73 |
| Stanly North | 62 | 65 | 26 | 133 | 4013 | 1155 | 126 | 85 | 298 | 315 | 35 | 323 | 23 | 168 | 7 | 40 | 66 |
| Stanly South | 130 | 212 | 95 | 379 | 2342 | 2408 | 151 | 297 | 426 | 372 | 35 | 199 | 18 | 71 | 9 | 32 | 60 |
| Cabbarus East | 82 | 125 | 12 | 128 | 203 | 130 | 790 | 420 | 2032 | 1459 | 132 | 445 | 35 | 96 | 10 | 51 | 166 |
| Cabbarus South | 121 | 193 | 25 | 136 | 99 | 131 | 186 | 995 | 1536 | 808 | 61 | 207 | 13 | 25 | 8 | 69 | 173 |
| Concord | 133 | 191 | 32 | 221 | 201 | 105 | 410 | 685 | 4723 | 2953 | 212 | 755 | 48 | 96 | 22 | 150 | 633 |
| Kannapolis | 97 | 110 | 29 | 166 | 163 | 74 | 251 | 327 | 2712 | 4115 | 526 | 1042 | 81 | 136 | 7 | 137 | 746 |
| China Grove | 32 | 27 | 12 | 47 | 104 | 56 | 180 | 145 | 1086 | 1907 | 1469 | 2038 | 284 | 301 | 18 | 254 | 895 |
| Salisbury | 49 | 41 | 25 | 68 | 191 | 72 | 58 | 95 | 529 | 769 | 588 | 8058 | 714 | 847 | 34 | 419 | 530 |
| Rowan West | 11 | 8 | 3 | 16 | 29 | 11 | 8 | 11 | 75 | 91 | 121 | 1013 | 560 | 115 | 14 | 351 | 392 |
| Rowan East | 28 | 38 | 16 | 54 | 267 | 55 | 95 | 92 | 428 | 614 | 461 | 3910 | 235 | 1529 | 14 | 169 | 265 |
| Iredell North | 10 | 12 | 4 | 23 | 10 | 6 | 1 | 7 | 34 | 43 | 26 | 81 | 39 | 11 | 589 | 2107 | 275 |
| Iredell Central | 57 | 46 | 9 | 121 | 23 | 16 | 13 | 53 | 259 | 275 | 84 | 515 | 298 | 53 | 313 | 11391 | 2562 |
| Iredell South | 61 | 61 | 19 | 113 | 35 | 26 | 54 | 166 | 834 | 789 | 349 | 797 | 257 | 76 | 96 | 3736 | 10920 |

| Total Trips to Destination Sub-District (from surrounding subdistricts*) | |
|---|-------------------------|
| Destination | Trips (incoming) |
| Gastonia | 38,083 |
| North Mecklenberg | 32,616 |
| Northeast Mecklenberg | 67,185 |
| East Mecklenberg | 27,204 |
| South Mecklenberg | 35,506 |
| Southwest Mecklenberg | 52,192 |
| Charlotte | 281,823 |
| Kannapolis / Concord | 48,225 |
| Salisbury | 25,729 |
| Iredell Central | 26,246 |
| Iredell South | 28,834 |
| *includes areas considered in the District Analysis; figure does not reflect all jobs within the sub-district | |

Sub-District Commuter Flow Analysis

Intra-county commuting

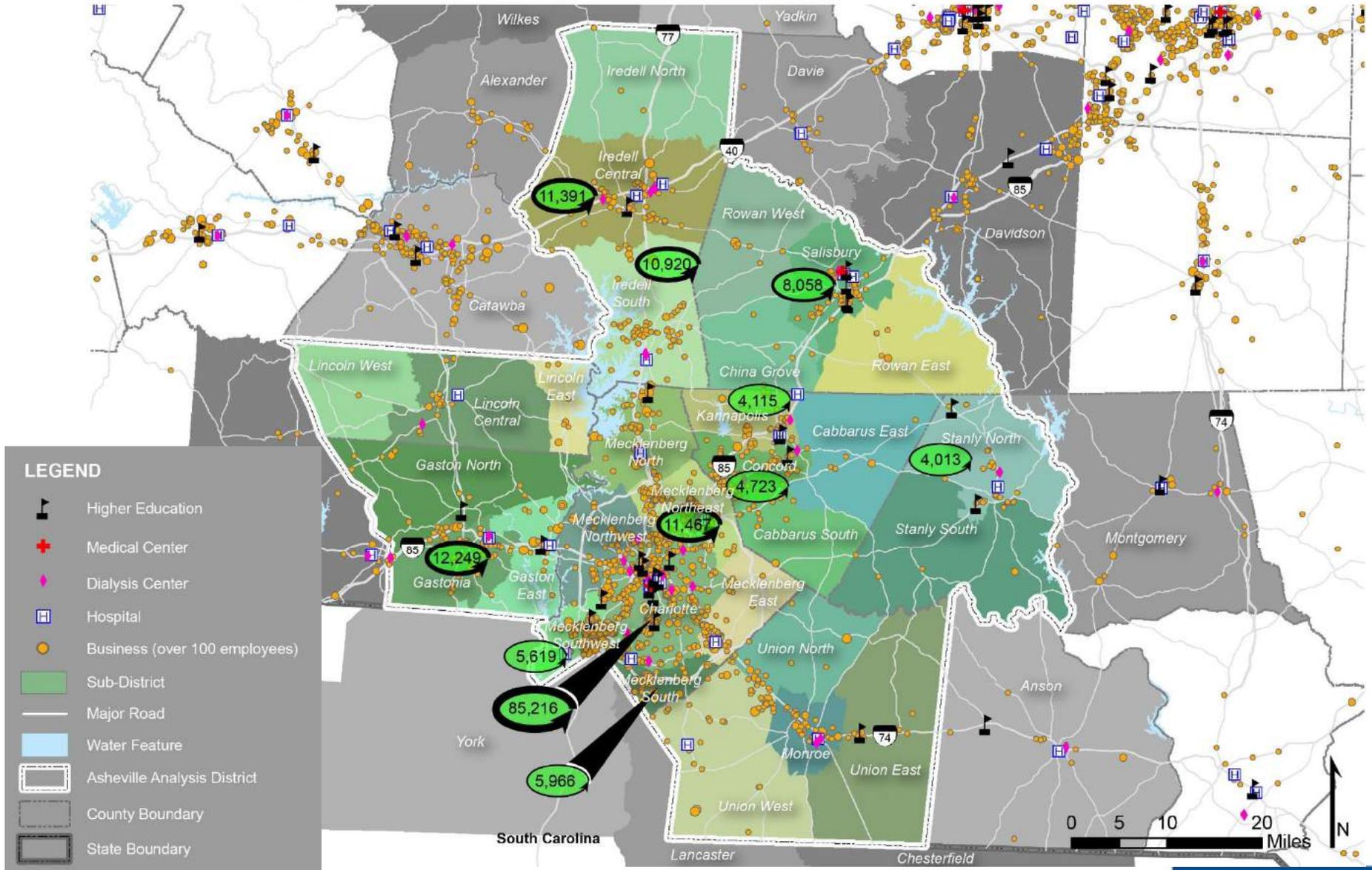
Charlotte District (Source: LEHD 2014, All Jobs)



Sub-District Commuter Flow Analysis

Intra-area flows—Potential local service

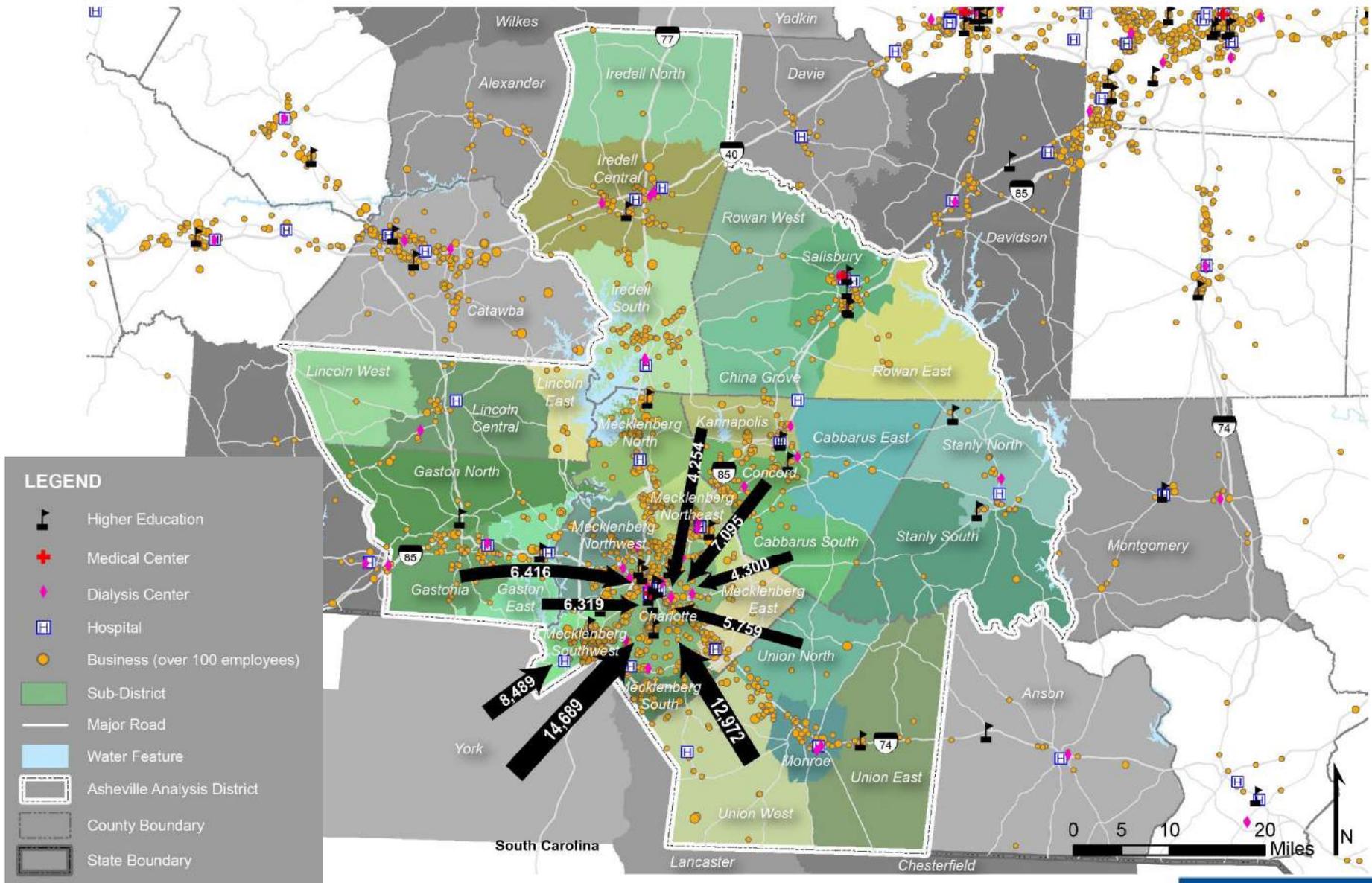
Charlotte District (Source: LEHD 2014, All Jobs)



Sub-District Commuter Flow Analysis

Significant flows between sub-districts

Charlotte District (Source: LEHD 2014, All Jobs)

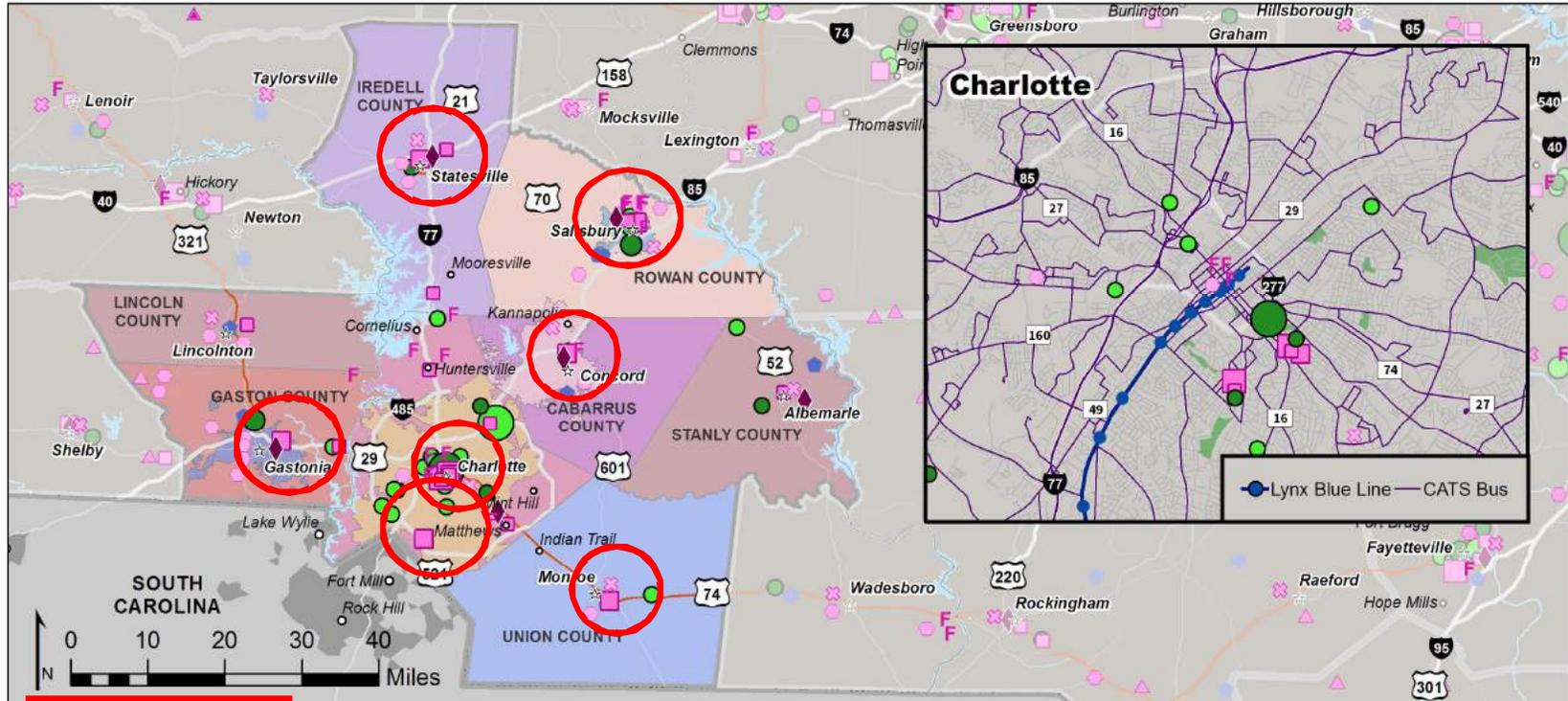


Charlotte District Existing Transit Profile

- **8 Counties, 12 providers**
 - Fixed-Route Only
 - City of Salisbury
 - Concord Kannapolis Area Transit
 - Demand Response and Fixed Route
 - Gaston County ACCESS
 - Gastonia Transit
 - Iredell County (ICATS)
 - Rowan Transit System
 - Transportation Lincoln County
 - Demand Response Only
 - Cabarrus County
 - Mecklenburg
 - SCUSA
 - Union County
 - Variety
 - Charlotte Area Transit System
- Types of service
 - Fixed-route
 - Demand response
 - General public
 - In-county
 - Out-of-county
 - Medical
 - Vanpool
 - Commuter Bus
 - Light Rail
 - Demand Response Taxi
 - Human Services
- Destinations served
 - Cities/Towns
 - Medical
 - 20 hospitals & medical centers
 - Education
 - 29 institutions of higher education
 - Out-of-county

Charlotte

Transit Service Areas and Major Destinations



| Hospitals (Count of Beds) |
|--|
| ■ < 200 (or unknown) |
| ■ 201 - 500 |
| ■ 501 - 1200 |

| Junior College (Enrolled) |
|--|
| ● ≤ 5,000 |
| ● 5,001 - 15,000 |
| ● 15,001 - 35,000 |

| College/Univ. (Enrolled) |
|--|
| ● ≤ 5,000 |
| ● 5,001 - 15,000 |
| ● 15,001 - 35,000 |

| Government Services |
|--------------------------|
| ☆ County Seat |
| ◆ Social Security Office |
| ■ State Prison |
| ■ Federal Prison |

| Transit Providers |
|---|
| ■ City of Salisbury |
| ■ Concord Kannapolis Transit System |
| + Gaston County ACCESS Central Trans. |
| ■ Gastonia Transit |
| ■ Iredell County Area Trans. Services (ICATS) |
| + Mecklenburg Trans. System (MTS) |
| ■ Rowan Transit System |
| + SCUSA Transportation |
| + Transportation Lincoln County (TLC) |
| + Union County Transportation |

Safety Net Sites

| | |
|--|---|
| ▲ CMS* Rural Health Clinic | F Free Clinic |
| ▲ ORH† Rural Health Center | X Health Department Site |
| ▲ Federally Qualified Health Centers | * Center for Medicaid & Medicare Services |
| | † Office of Rural Health |

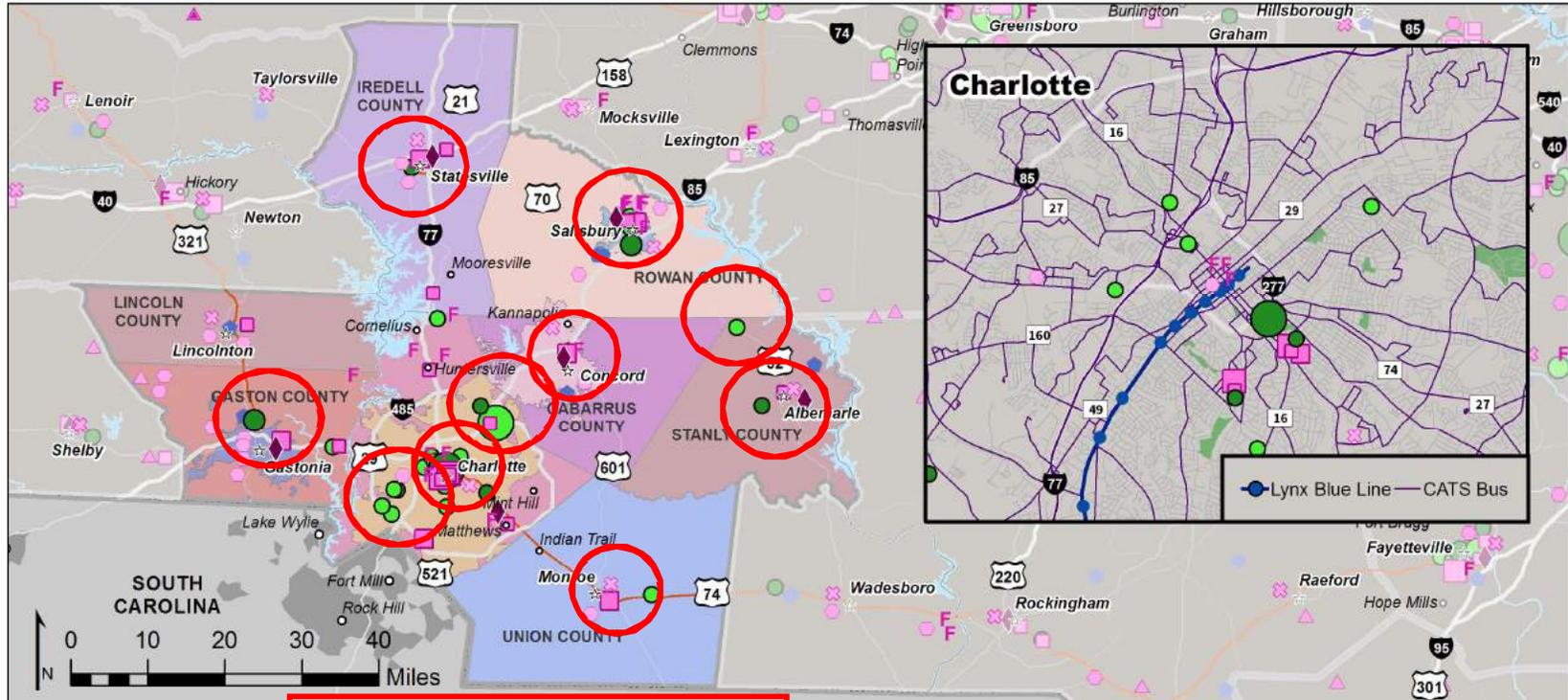
Intercity Bus Routes

Transit Providers

| Jurisdiction (Approximate) |
|---|
| + Cabarrus County Trans. Services |
| + Charlotte Area Transit System (CATS) |
| + Jurisdiction Provides Out-of-County Medical Appointment Transportation |

Charlotte

Transit Service Areas and Major Destinations



Hospitals (Count of Beds)

- < 200 (or unknown)
- 201 - 500
- 501 - 1200

Junior College (Enrolled)

- ≤ 5,000
- 5,001 - 15,000
- 15,001 - 35,000

College/Univ. (Enrolled)

- ≤ 5,000
- 5,001 - 15,000
- 15,001 - 35,000

Government Services

- ☆ County Seat
- ◆ Social Security Office
- State Prison
- Federal Prison

Safety Net Sites

- ▲ CMS* Rural Health Clinic
- ▲ ORH† Rural Health Center
- ◆ Federally Qualified Health Centers
- F Free Clinic
- ✕ Health Department Site
- * Center for Medicaid & Medicare Services
- † Office of Rural Health

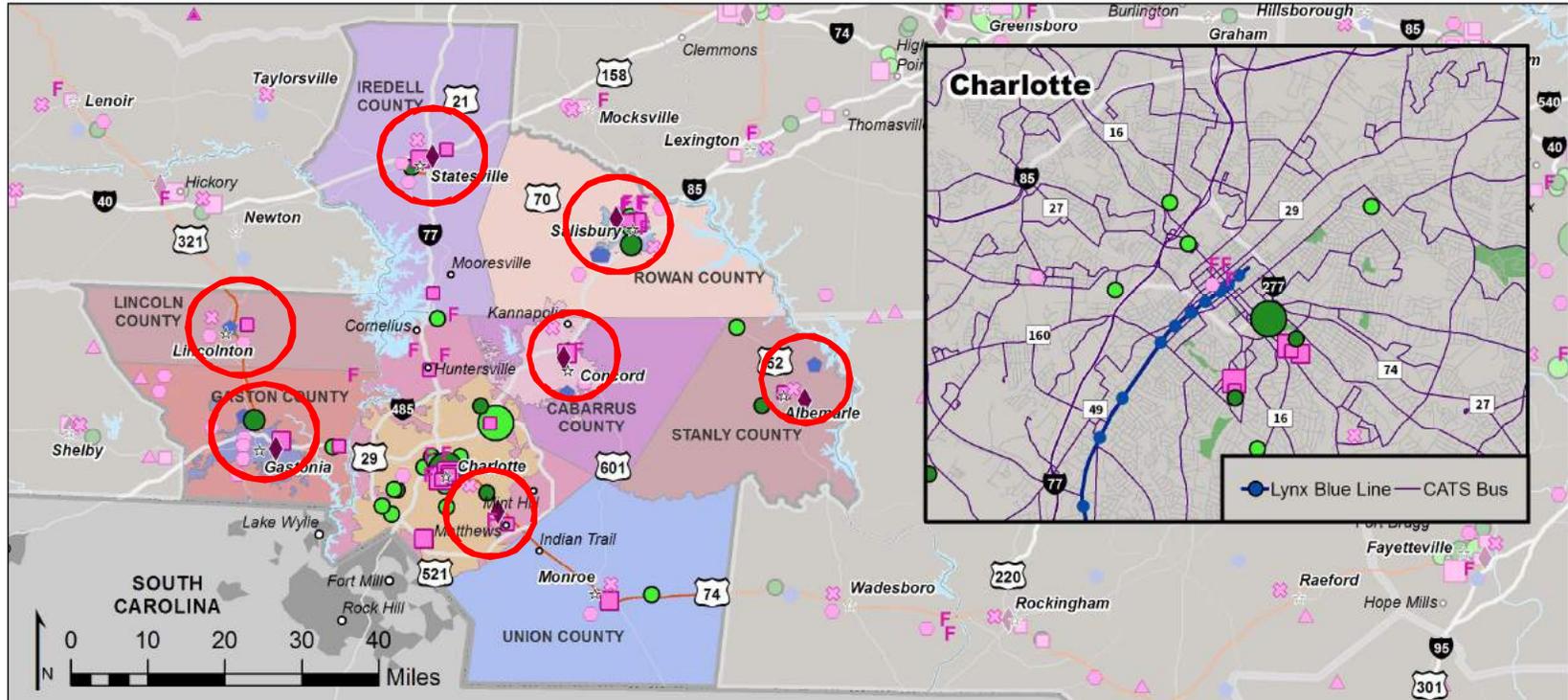
Intercity Bus Routes

Transit Providers

- + Cabarrus County Trans. Services
- + Charlotte Area Transit System (CATS)
- + Jurisdiction Provides Out-of-County Medical Appointment Transportation
- City of Salisbury
- + Concord Kannapolis Transit System
- + Gaston County ACCESS Central Trans.
- + Gastonia Transit
- + Iredell County Area Trans. Services (ICATS)
- + Mecklenburg Trans. System (MTS)
- + Rowan Transit System
- + SCUSA Transportation
- + Transportation Lincoln County (TLC)
- + Union County Transportation

Charlotte

Transit Service Areas and Major Destinations



| Hospitals (Count of Beds) | Junior College (Enrolled) | College/Univ. (Enrolled) |
|---|--|--|
| ■ < 200 (or unknown) | ● ≤ 5,000 | ● ≤ 5,000 |
| ■ 201 - 500 | ● 5,001 - 15,000 | ● 5,001 - 15,000 |
| ■ 501 - 1200 | ● 15,001 - 35,000 | ● 15,001 - 35,000 |

Safety Net Sites

| | |
|---|---|
| ▲ CMS* Rural Health Clinic | F Free Clinic |
| ▲ ORH† Rural Health Center | X Health Department Site |
| ◆ Federally Qualified Health Centers | * Center for Medicaid & Medicare Services |
| | † Office of Rural Health |

Government Services

| |
|---|
| ☆ County Seat |
| ◆ Social Security Office |
| ■ State Prison |
| ■ Federal Prison |

Intercity Bus Routes

Transit Providers

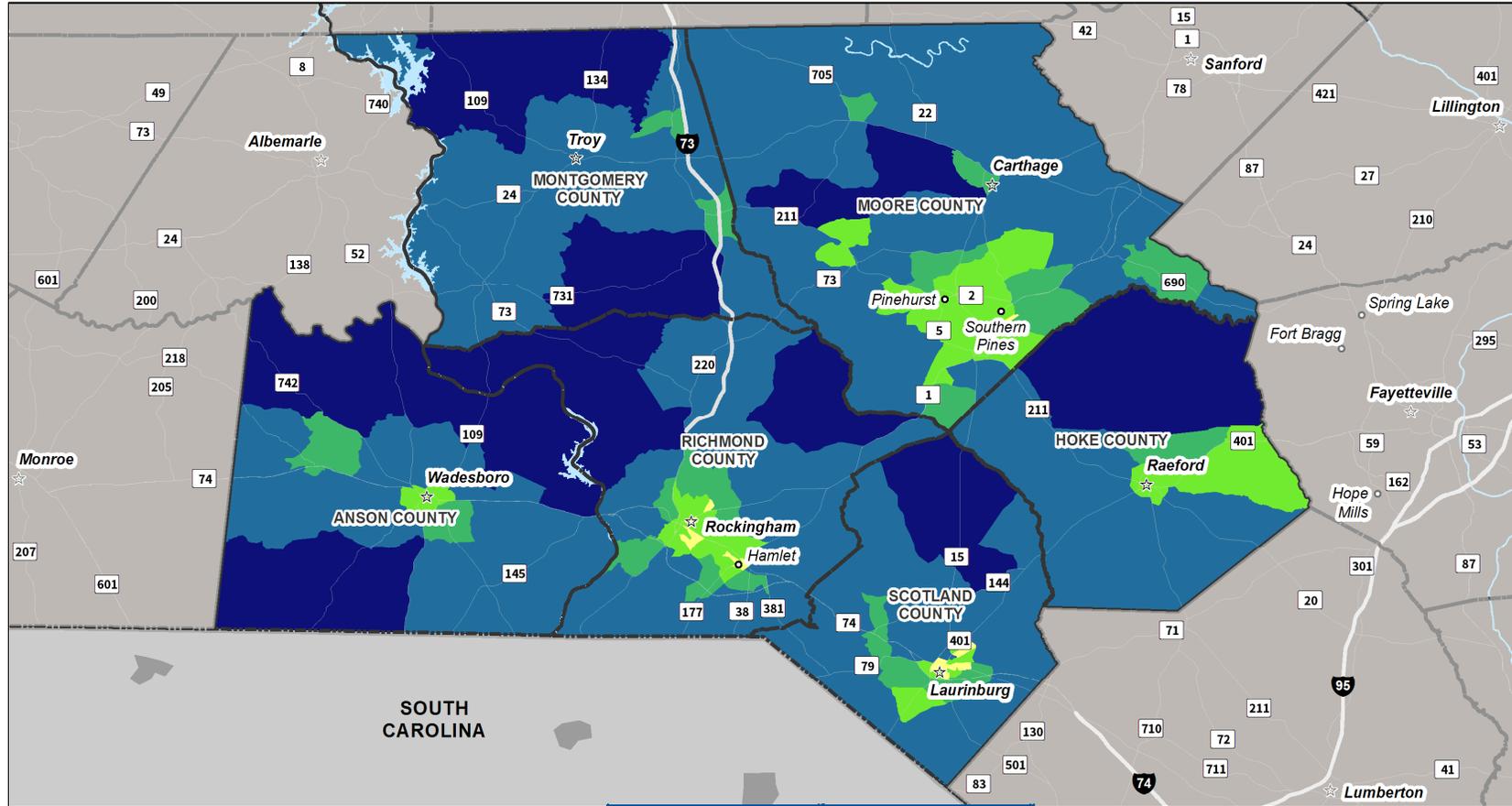
Jurisdiction (Approximate)

| | |
|---|---|
| + Cabarrus County Trans. Services | + Union County Transportation |
| + Charlotte Area Transit System (CATS) | |

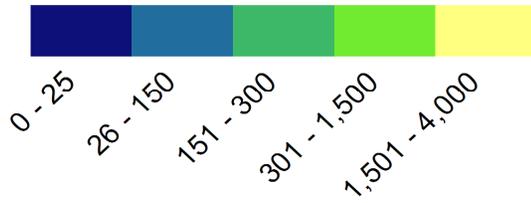
+ Jurisdiction Provides Out-of-County Medical Appointment Transportation

| |
|--|
| ■ City of Salisbury |
| + Concord Kannapolis Transit System |
| + Gaston County ACCESS Central Trans. |
| + Gastonia Transit |
| + Iredell County Area Trans. Services (ICATS) |
| + Mecklenburg Trans. System (MTS) |
| + Rowan Transit System |
| + SCUSA Transportation |
| + Transportation Lincoln County (TLC) |
| + Union County Transportation |

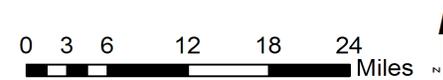
Sandhills
Population Density



Population per Square Mile



| County | Population |
|------------|------------|
| Anson | 26,135 |
| Hoke | 51,075 |
| Montgomery | 27,601 |
| Moore | 91,743 |
| Richmond | 46,046 |
| Scotland | 35,932 |

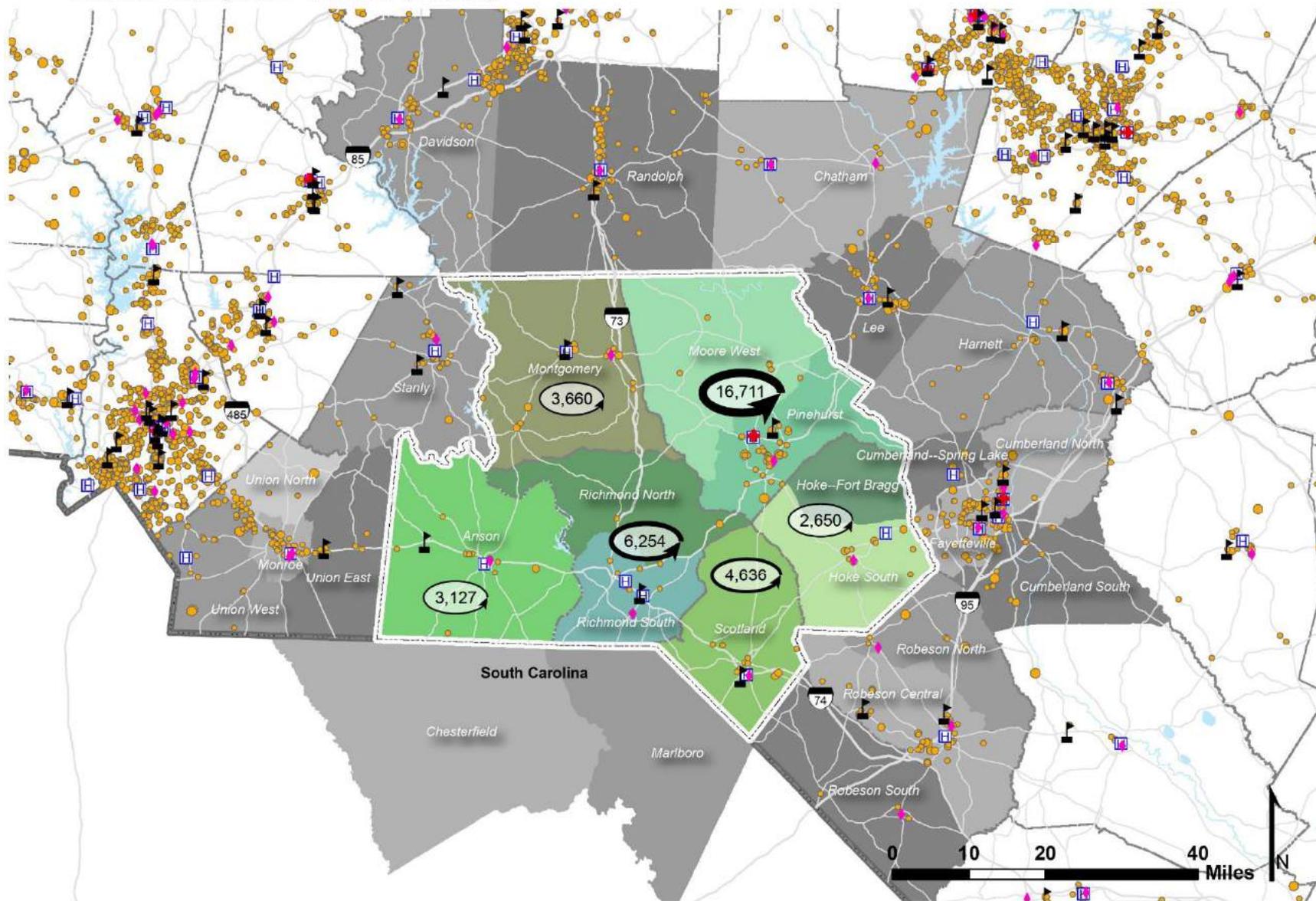


| Sandhills District | | Work Sub-District | | | | | | | | |
|--------------------|------------------|-------------------|----------------|----------------|----------|------------|------------------|------------|-----------|------------|
| | | Anson | Richmond North | Richmond South | Scotland | Hoke South | Hoke--Fort Bragg | Montgomery | Pinehurst | Moore West |
| Home Sub-District | Anson | 3127 | 13 | 330 | 24 | 9 | 0 | 106 | 148 | 39 |
| | Richmond North | 51 | 189 | 575 | 78 | 37 | 1 | 154 | 483 | 54 |
| | Richmond South | 410 | 401 | 5089 | 626 | 186 | 0 | 174 | 1266 | 112 |
| | Scotland | 61 | 23 | 522 | 4636 | 250 | 3 | 74 | 617 | 67 |
| | Hoke South | 54 | 7 | 148 | 312 | 2613 | 35 | 76 | 1236 | 83 |
| | Hoke--Fort Bragg | 3 | 0 | 3 | 5 | 2 | 0 | 1 | 10 | 1 |
| | Montgomery | 83 | 128 | 133 | 23 | 15 | 0 | 3660 | 578 | 248 |
| | Pinehurst | 59 | 75 | 368 | 340 | 301 | 9 | 203 | 10427 | 1370 |
| | Moore West | 25 | 58 | 151 | 69 | 56 | 2 | 501 | 3151 | 1763 |

Sub-District Commuter Flow Analysis

Intra-county commuting

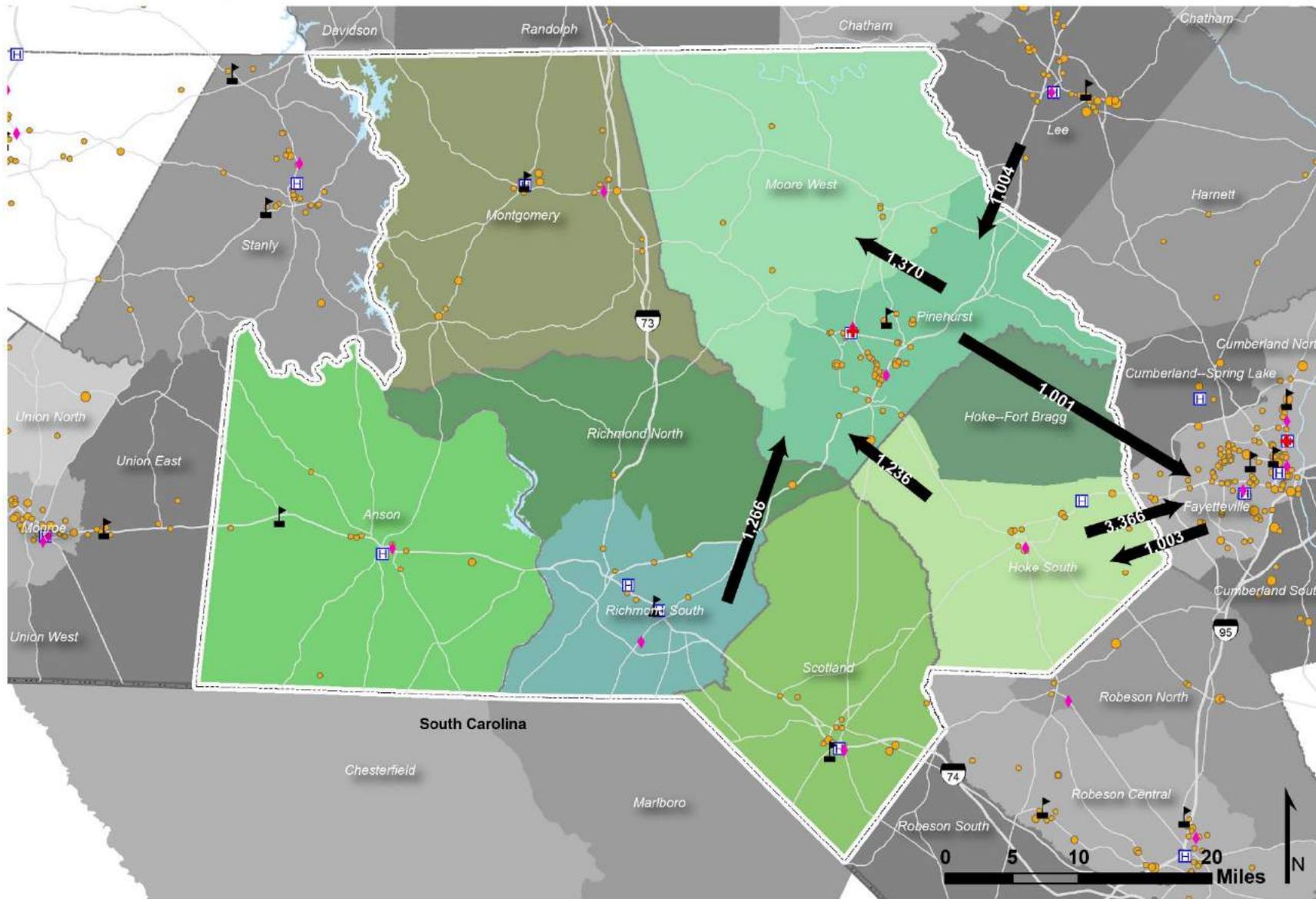
Sandhills District (Source: LEHD 2014, All Jobs)



Sub-District Commuter Flow Analysis

Sandhills District (Source: LEHD 2014, All Jobs)

Significant flows between sub-districts

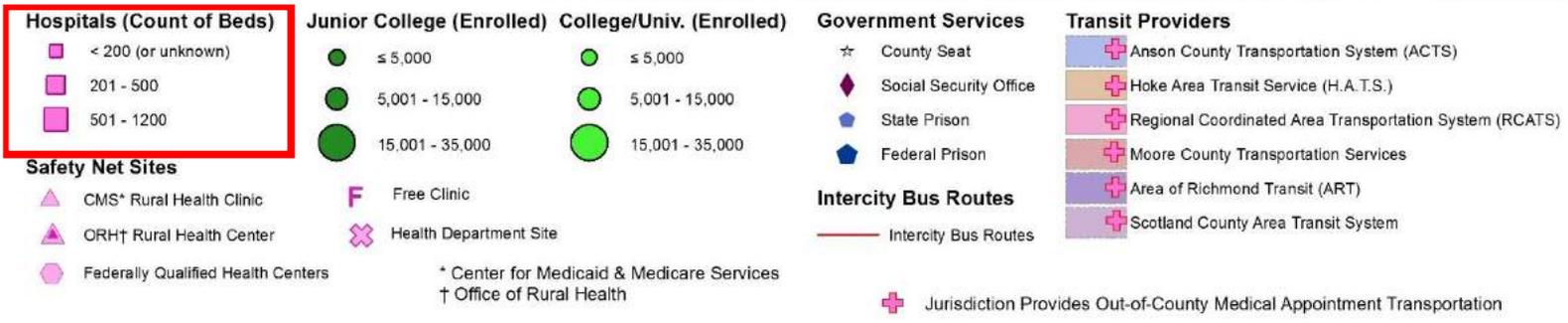
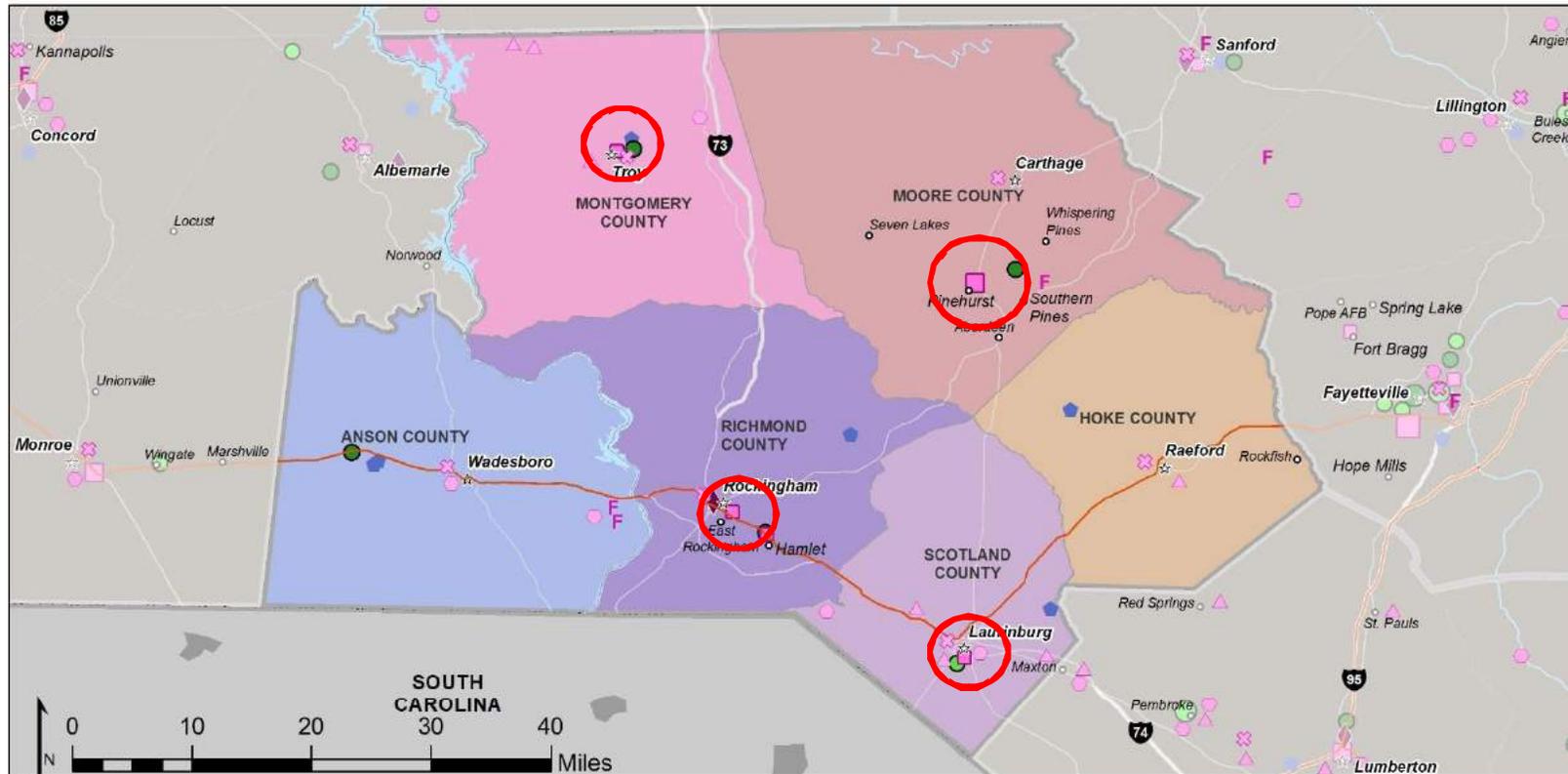


Sandhills District Existing Transit Profile

- **6 Counties, 6 providers**
 - Fixed-Route Bus
 - Hoke Area Transit Service
 - Scotland County Area Transit System
 - Demand Response only
 - Regional Coordinated Area Transportation Systems (RCATS)
 - Anson County
 - Area of Richmond Transit
 - Moore County Transportation Services
- Types of service
 - Fixed Route Service
- Demand response
 - General public
 - In-county
 - Out-of-county
 - Medical
- Destinations served
 - Cities/Towns
 - Medical
 - 5 Hospitals
 - Education
 - 4 Community Colleges
 - 1 University
 - Out-of-county

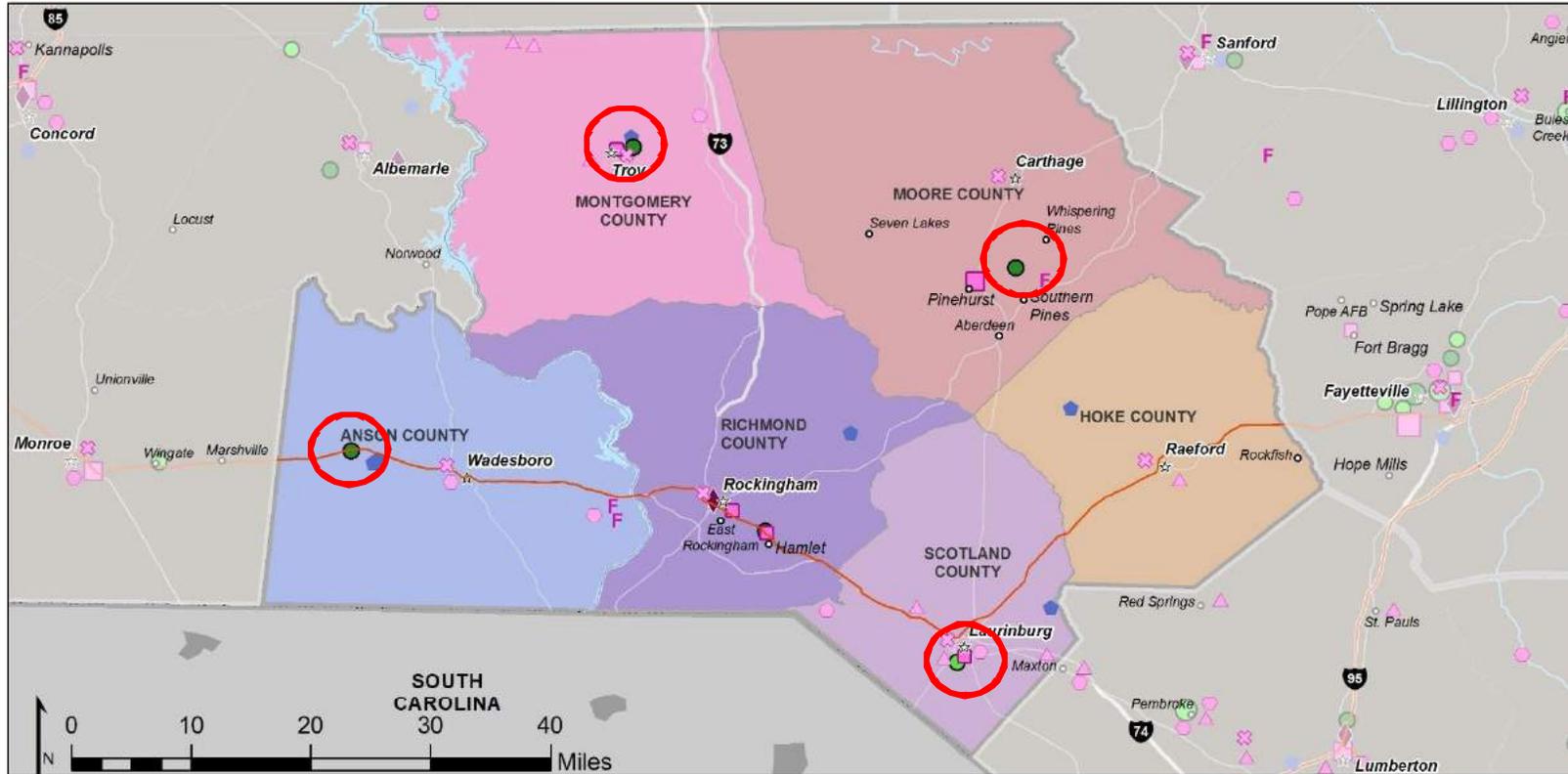
Sandhills

Transit Service Areas and Major Destinations



Sandhills

Transit Service Areas and Major Destinations



Hospitals (Count of Beds)

- < 200 (or unknown)
- 201 - 500
- 501 - 1200

Safety Net Sites

- ▲ CMS* Rural Health Clinic
- ▲ ORH† Rural Health Center
- ◆ Federally Qualified Health Centers

Junior College (Enrolled) College/Univ. (Enrolled)

- | | |
|-------------------|-------------------|
| ● ≤ 5,000 | ● ≤ 5,000 |
| ● 5,001 - 15,000 | ● 5,001 - 15,000 |
| ● 15,001 - 35,000 | ● 15,001 - 35,000 |

- F Free Clinic
- ✕ Health Department Site

* Center for Medicaid & Medicare Services
 † Office of Rural Health

Government Services

- ☆ County Seat
- ◆ Social Security Office
- State Prison
- Federal Prison

Intercity Bus Routes

— Intercity Bus Routes

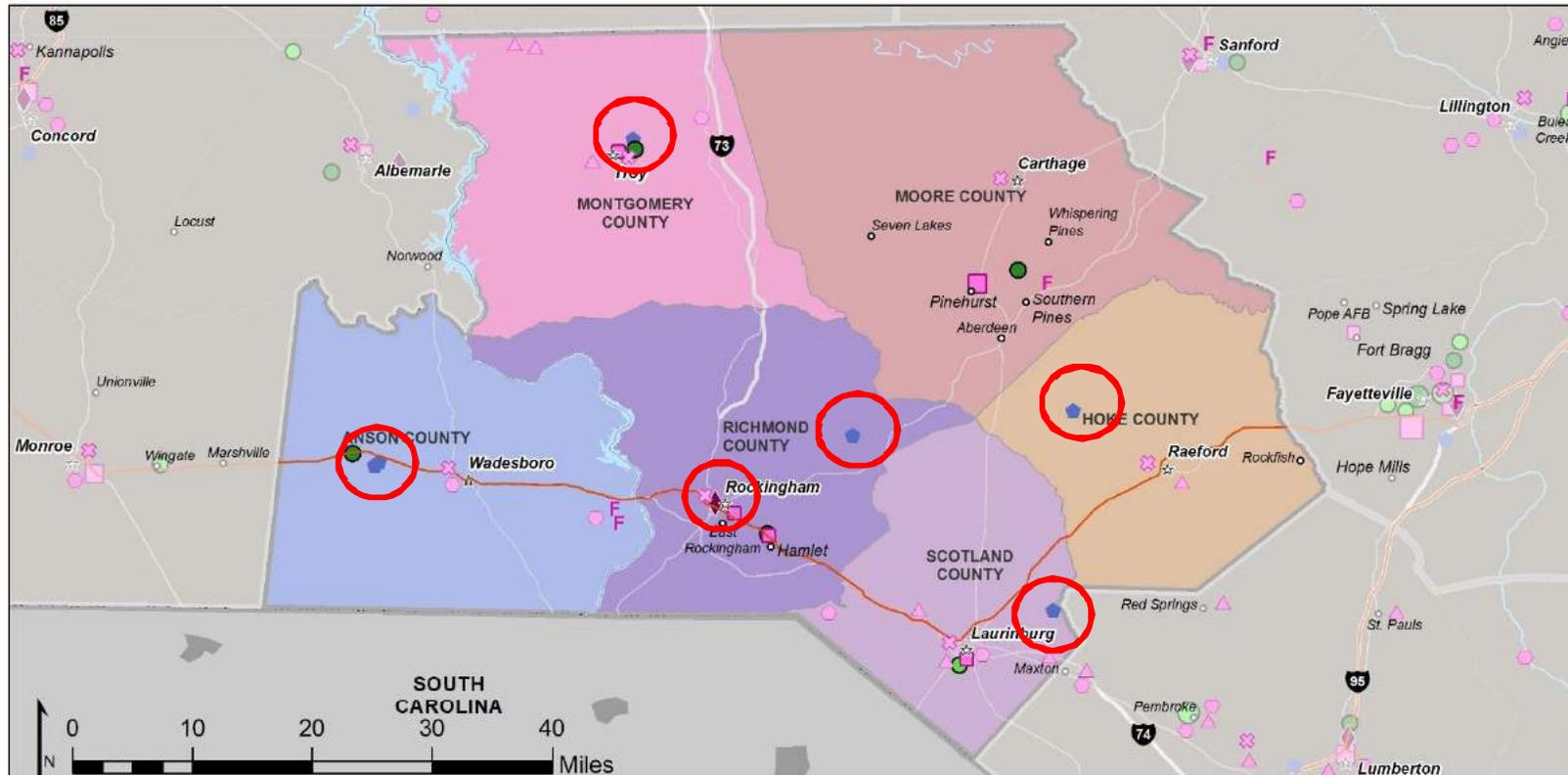
Transit Providers

- Anson County Transportation System (ACTS)
- Hoke Area Transit Service (H.A.T.S.)
- Regional Coordinated Area Transportation System (RCATS)
- Moore County Transportation Services
- Area of Richmond Transit (ART)
- Scotland County Area Transit System

✕ Jurisdiction Provides Out-of-County Medical Appointment Transportation

Sandhills

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Intercity Bus Routes

- Intercity Bus Routes

Transit Providers

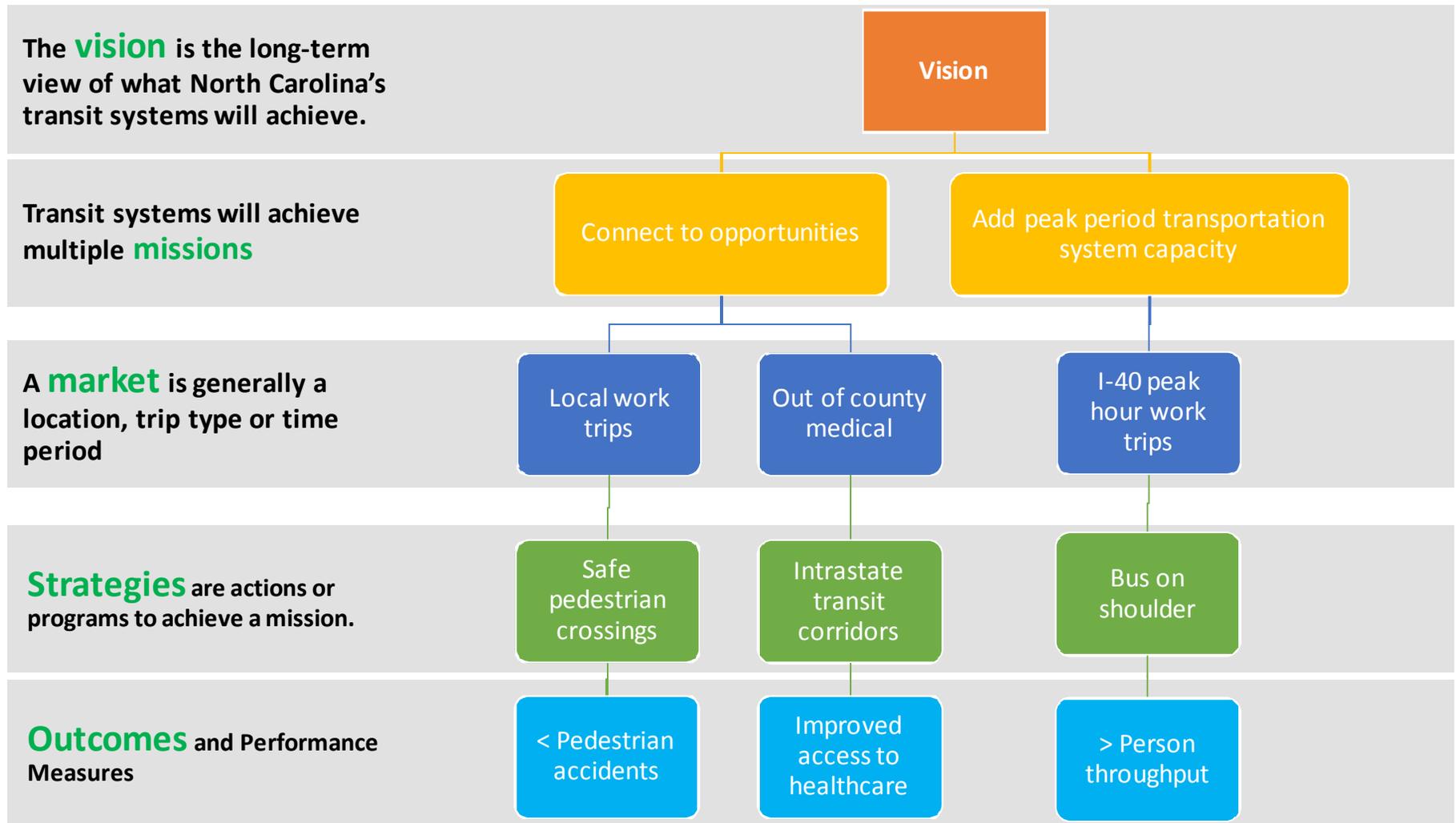
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- + Jurisdiction Provides Out-of-County Medical Appointment Transportation

Opportunities Analysis – Gap Analysis

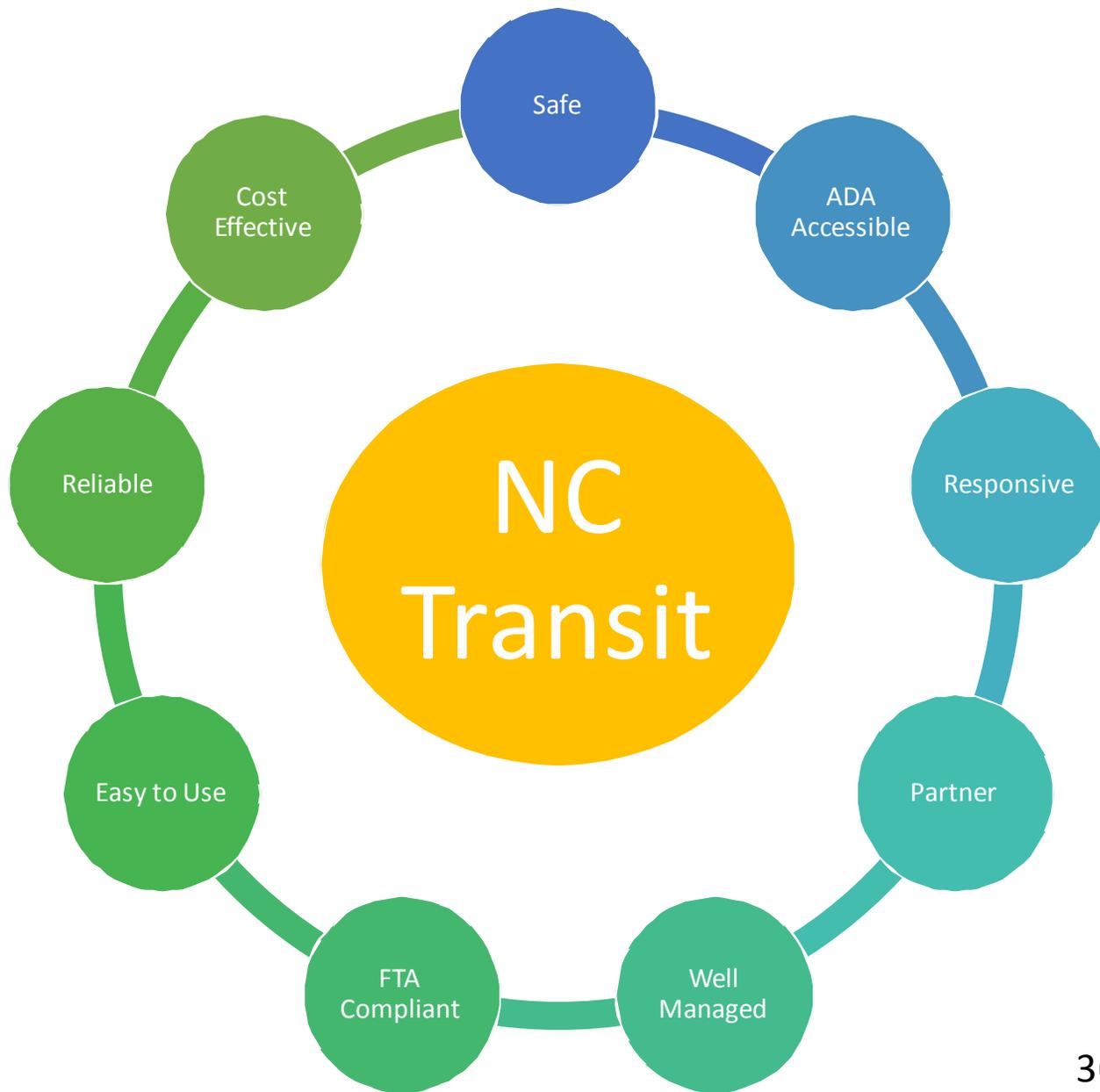
- **Potential Opportunities**
 - Expand service
 - Expand service from each county to the only Social Security office, located in Rockingham
 - Expand service to Charlotte, Fayetteville, and Raleigh to expand access to medical care and employment
 - Add fixed-route services
 - Enhance communications to include information about out-of-county destinations and eligibility
 - Enhance Demand Response services
 - Increase local area services
 - Increase inter-county services
 - Provide travel training
 - Enhance Fixed-Route services
 - Enhance bus stop amenities
 - Increase level of service

Strategic Planning Framework



Themes

all transit services will have these characteristics



Potential Missions

- Connect North Carolinians to Opportunities
 - Employment
 - Education
 - Healthcare
 - Recreation
- Improve the State's Quality of Life
 - Support economic development
 - Promote healthy choices
 - Enable independent living
 - Equality of access
- Increase Peak Period Capacity for Major Corridors

Potential Markets

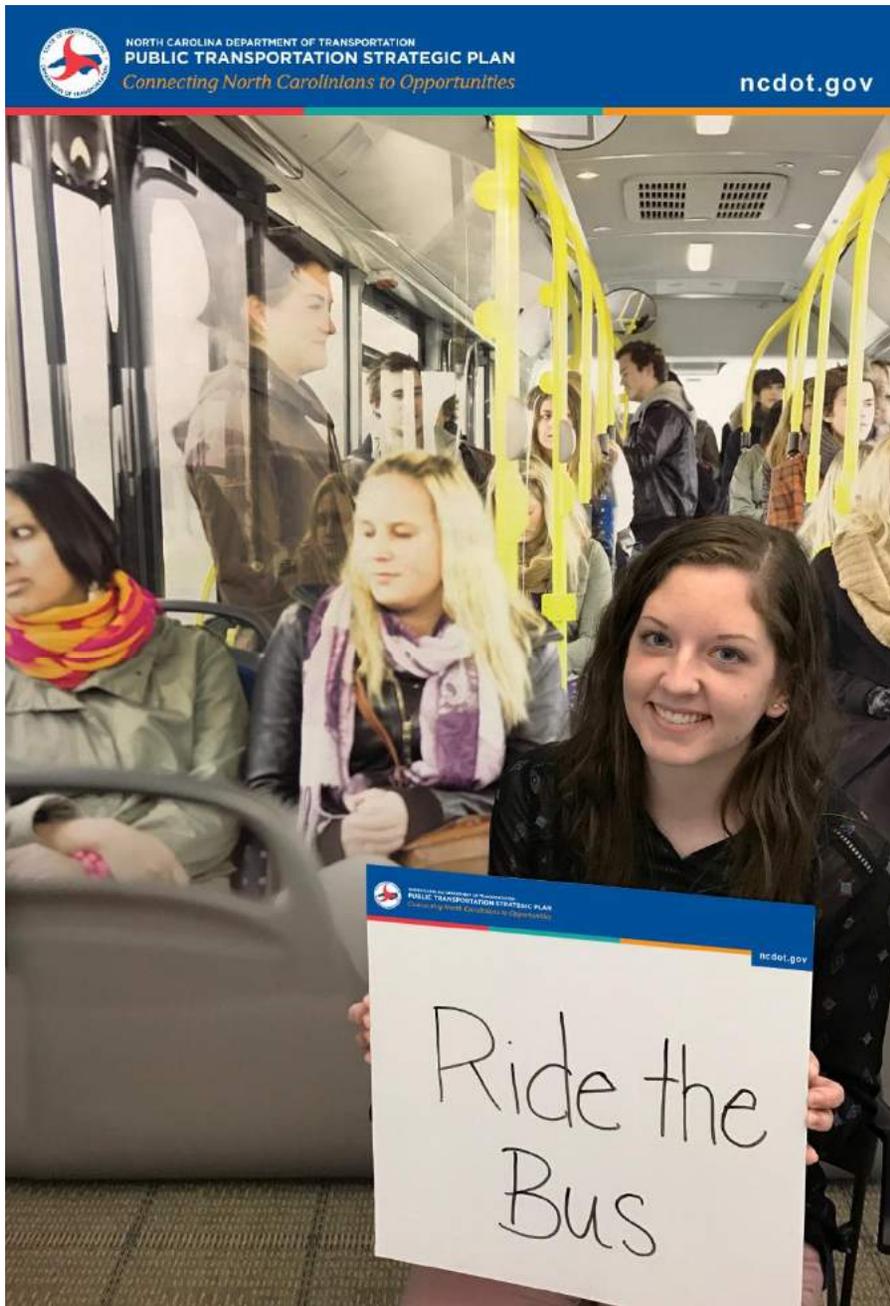
- Employment
 - Provide access to both nearby and regional employment centers.
 - Improve citizens' job opportunities and expands employers' access to a skilled workforce.
- Medical Services
 - Improve access by patients, employees and visitors to medical facilities and services.
- Education
 - Expand the reach and effectiveness of the educational system.
 - Provide residents with opportunities for life-long learning
- Senior / Paratransit
 - Provide senior citizens and persons with disabilities access to life sustaining activities
 - Access to vital services enabling senior citizens to live at home and avoid expensive long-term skilled medical care facilities.
 - Assist individuals who are unable to drive or use other transit services integrate into the community.
- Recreation / Shopping
 - Improve access to recreation and shopping opportunities

Potential Strategies Related to the Division of Highways

- **Intrastate Community Transit Network**
 - Regional and intrastate services across jurisdictional boundaries
 - Connections from rural communities and between urban centers
 - Improved access to jobs, higher education, and medical facilities
- **Safer ADA-Compliant Passenger Crossings**
 - Locate stops where safe crossings can be provided
 - Plan safer crossings with construction projects
 - Transit system, Division of Highways and city traffic staffs must cooperate on identifying and constructing safer crossings
- **Safer ADA-Compliant Transit Stops**
 - Coordinate transit stop improvements with construction projects
 - Improve existing stops with passenger amenities, better lighting and ADA access
- **Integrated Transit, Bicycle and Pedestrian Network**
 - Plan bicycle and pedestrian improvements with a focus on improving transit access
 - Prioritize project selection for joint transit, bicycle and pedestrian projects

Potential Strategies Related to the Division of Highways

- **Faster Transit**
 - Bus on Shoulder, Traffic Signal Preemption, Queue Jumper Lanes, HOV / Bus Lanes
 - In the planning process identify corridors where improved transit speeds may increase transit ridership
 - Develop typical transit cross sections
- **Congested Corridor Multimodal Strategies**
 - Corridor plans through MPO planning process
 - Focus on peak period mobility improvements
 - Identify incremental improvements such as park and ride lots and express buses
- **Multimodal Access Plans for New Developments of Statewide Significance**
 - Engage local governments and developers in identifying strategies to reduce single passenger auto use
 - Identify and program transportation network improvements related to new developments
 - Plan for transit, pedestrian and bicycle access to all major developments



Break

Photo Booth

Break out session

SWOT Analysis (4 index cards to each participant):

Strengths

The top three services/benefits that NC public transportation provides to me (or the people I serve) are

Weaknesses

The top three weaknesses of NC public transportation today are:

Challenges (Threats)

What are the organizational / administrative / physical / fiscal challenges for transit today

Opportunities

What are three areas for improvement in today's transit services?

Report

Strengths

Weaknesses

Challenges (Threats)

Opportunities

Poll Everywhere

What is the greatest challenge facing Public Transportation in North Carolina?

Vision

What is your vision for North Carolina's public transportation program?

Poll Everywhere

What word should be included in the North Carolina Public Transportation Vision Statement?



PUBLIC TRANSPORTATION

STRATEGIC PLAN

Connecting North Carolinians to Opportunities



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<https://www.ncdot.gov/nctransit/strategicplan/>