



NORTH CAROLINA
Department of Transportation

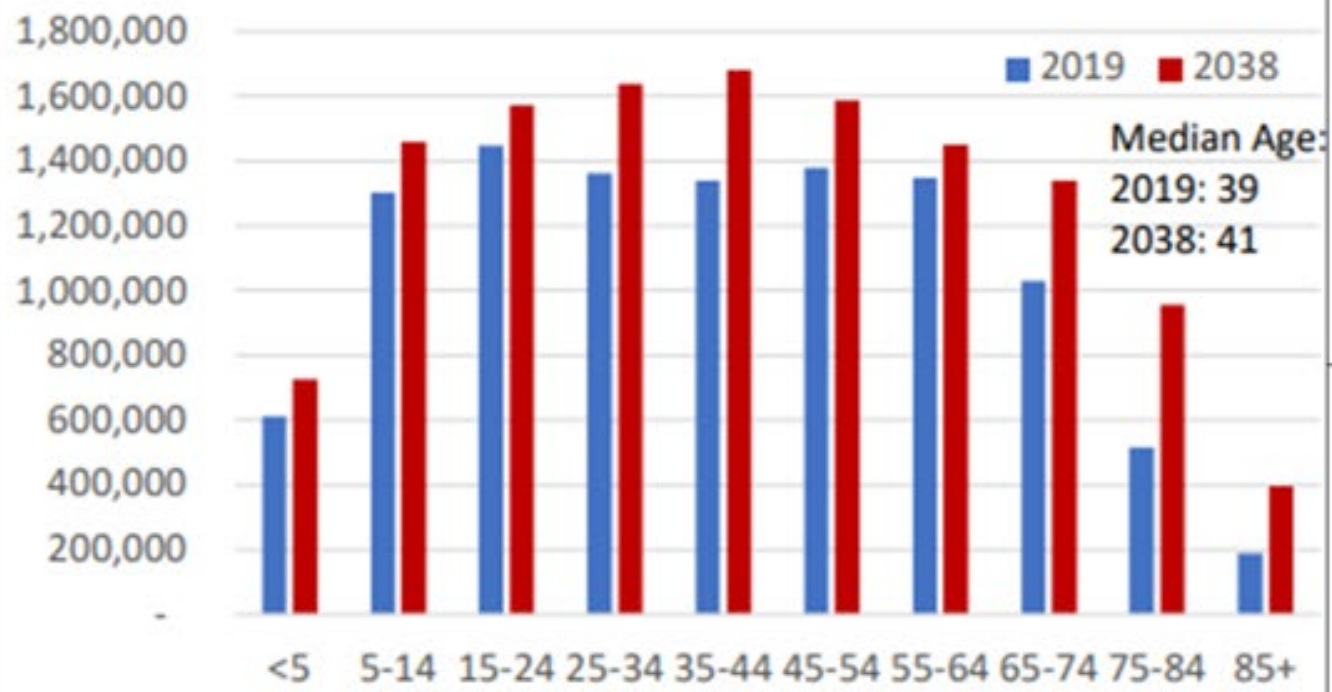
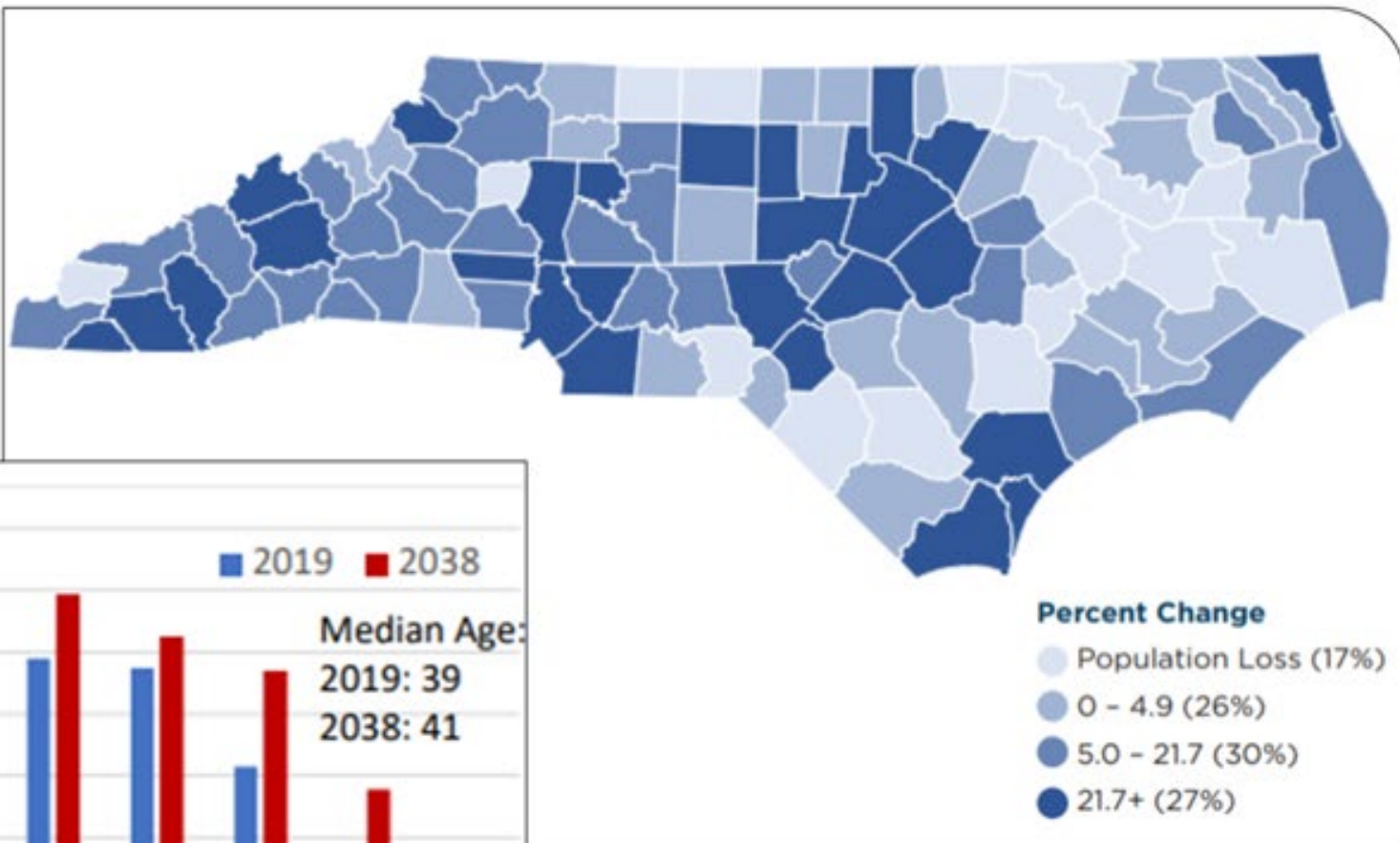
Integrated Mobility Division

Kim Nguyen, Multimodal Regional Planner – Coastal Plains,
Integrated Mobility Division

February 5, 2025

Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina

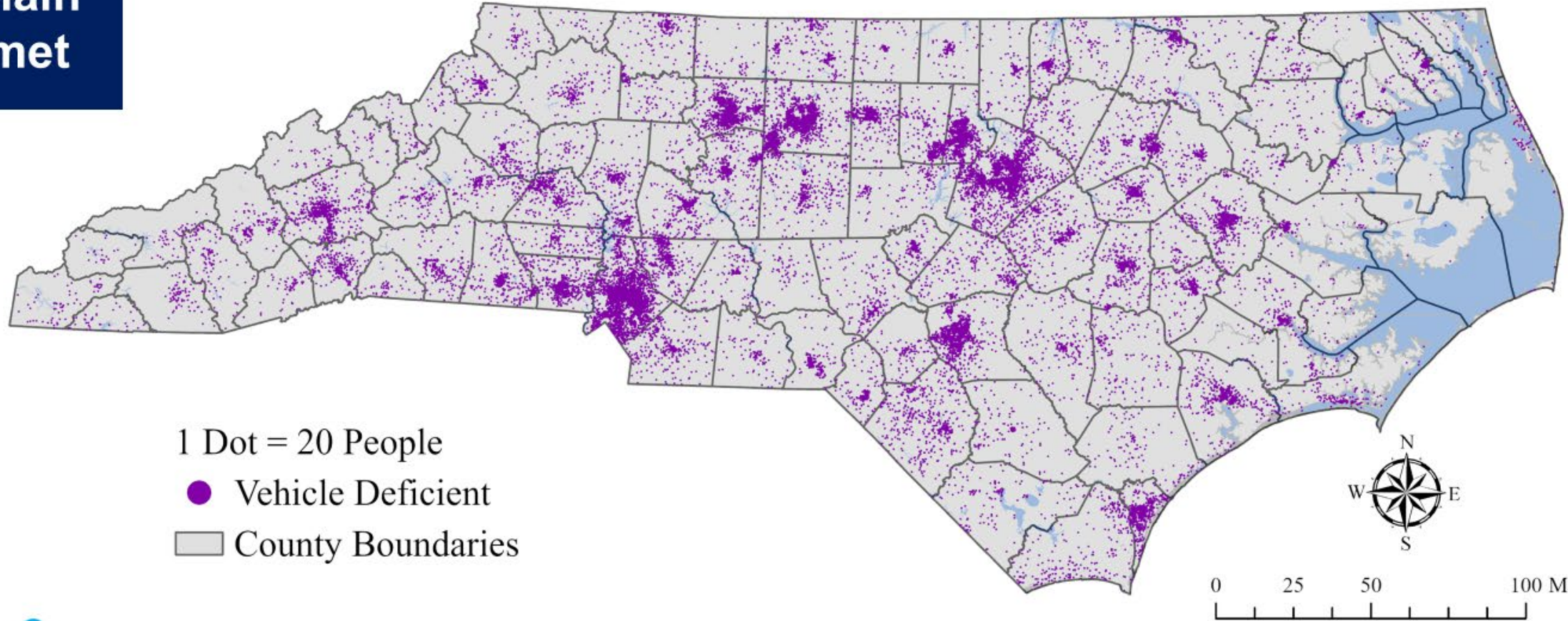
Our Population is Changing



NC's current population of 10,524,548 is expected to top 12M by 2035

Many
Needs
Remain
Unmet

Adults Without a Vehicle in NC





Integrated Mobility Division

N.C. DEPARTMENT OF TRANSPORTATION

Mission

Provide leadership for safe, affordable, and innovative multimodal transportation throughout North Carolina

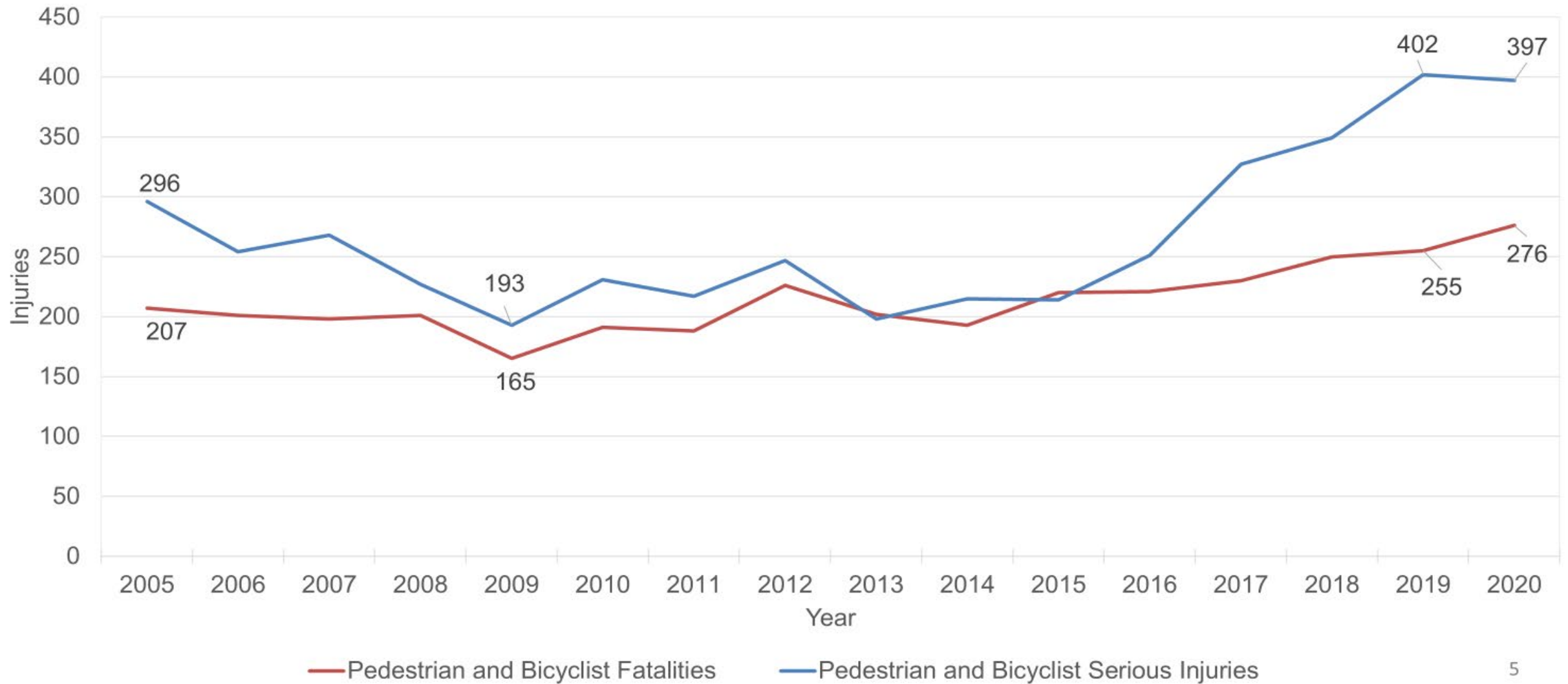
Core Goals:

**Increase
Access**

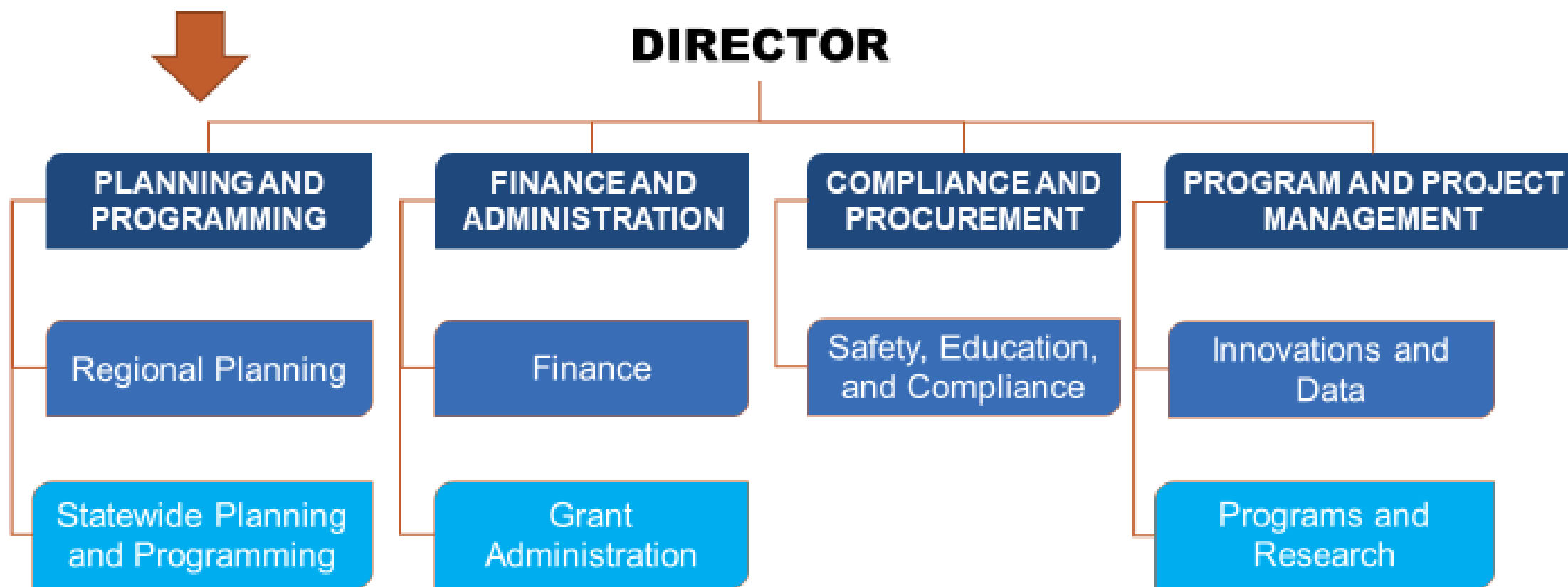
**Enhance
Quality of Life**

**Ensure
Safety**

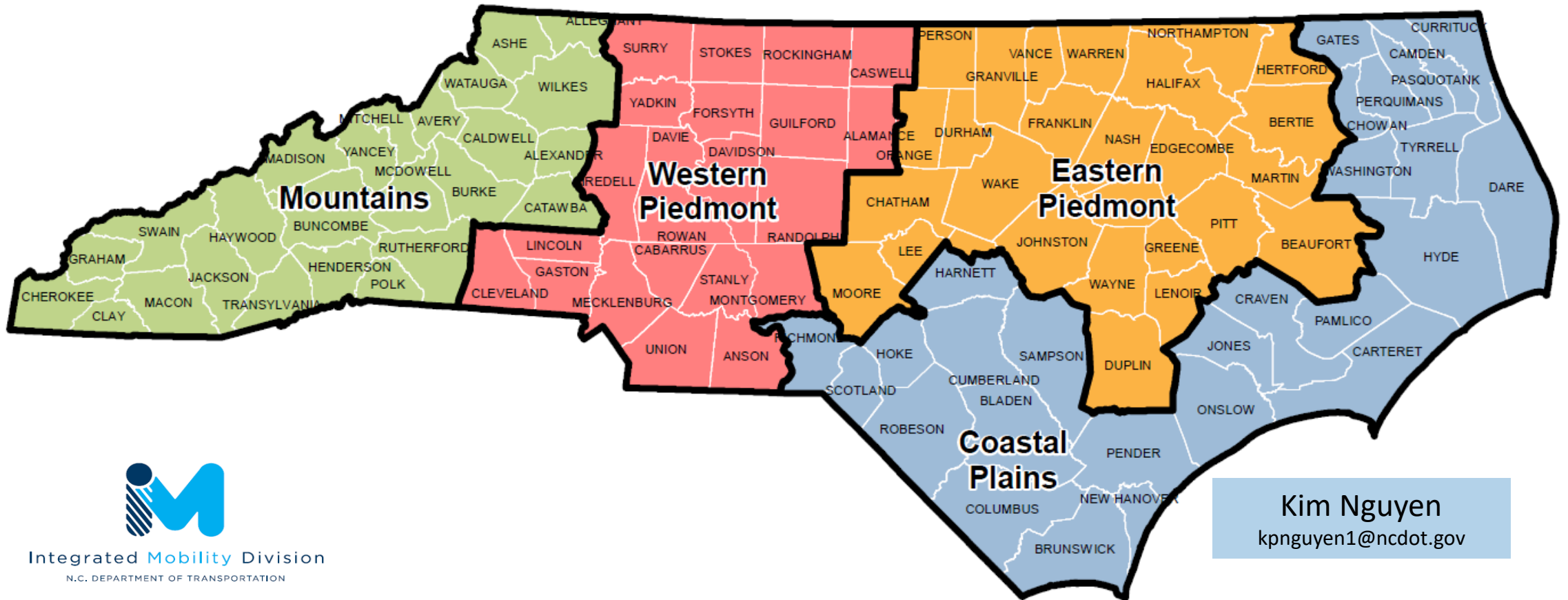
NC Bicycle & Pedestrian Safety Trends



Organizational Chart



IMD Regional Planner Contacts



Integrated Mobility Division
N.C. DEPARTMENT OF TRANSPORTATION

Current Multimodal/Transit Planning Initiatives

Funding Opportunities



\$60.5M FEDERAL

FTA 5303/5304: Metropolitan & Statewide Planning

FTA 5310: Enhanced Mobility of Seniors & Individuals with Disabilities

FTA 5311: Formula Grants for Rural Areas

FTA 5339: Grants for Buses and Bus Facilities

\$69.5M STATE

Combined Capital
ConCPT

Rural Operating Assistance Program (ROAP)

Rural State Operating

Urban Advanced Technology

Safe Routes to School

Share the Road License Plate Proceeds

State Maintenance Assistance Program (SMAP)

State Planning & Research Funds

Transportation Demand Management (TDM)

Travelers' Aid

\$239M *potential to date*

COMPETITIVE GRANTS

5339(b) Bus and Bus Facilities

Combating Human Trafficking

Helping Obtain Prosperity for Everyone (HOPE)

Integrated Mobility Innovation

Low or No Emissions

Rebuilding American Infrastructure with Sustainability and Equity (RAISE)

Rural Surface Transportation Grant

Transit Service & Planning Initiatives



Transit Services



Transit Capital Projects



Innovations



Multimodal Planning Grants



Regional Transit Plans



Visioning Workshops



Paved Trails Feasibility Studies



Statewide LCP



Microtransit Feasibility Studies



Access to Transit



Bike Helmet Initiative

Achieving IMD Goals



FY20

- Bessemer City
- Cameron

- Clayton
- Eden
- Gastonia
- Hope Mills
- Lansing
- Martin County
- Mooresville
- Murfreesboro
- Stanley
- Waxhaw

FY21

- Edenton
- Littleton
- Smithfield

- Fuquay-Varina
- Dunn
- Greensboro
- Aberdeen
- Laurinburg
- Granite Quarry

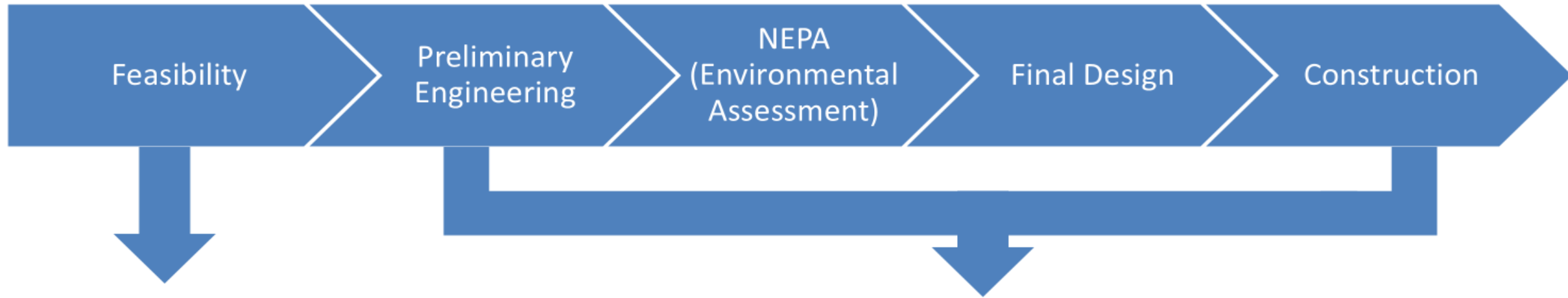
- Weaverville
- Mills River
- Brevard
- Navassa
- Rolesville
- Troutman



State Investments in Bicycle & Pedestrian Planning

266 Plans, 260 municipalities and 6 counties

How Bike, Ped and Transit Infrastructure Get Built in NC (by NCDOT)



Administered By: NCDOT

Funded using:

- 5303 (federal)
- 5304 (federal)
- SP&R (federal – discretionary)
- Bike & Ped Recurring (state)
- Non-Recuring Budget Request (state)

Administered By: Locals

Funded using:

- Local Funds
- Federal funds
 - STIP (TAP, CMAQ)
 - Discretionary Grants

Responsibilities of a Regional Planner

MM Consultation:

- Facilities guidance, facility selection, bike-ped guidebooks, recommended widths, buffer distances, considerations, best practices.
- NC Complete Streets Policy, STIP formula for bike-ped and public transit.

Planning Studies:

- Local plans administered through IMD, PGI, future programs.
- Feasibility studies and safety studies administered by IMD or NCDOT.
- Locally administered projects, steering committees.

General Coordination:

- Relationships with local agencies and personnel, knowledge sharing on regional MM activity and priorities, identifying need for grants, identifying need for special projects.



Current Projects/ Programs

Completed :

- Wrightsville beach bike & ped plan
- WAVE transit EV transition plan
- Paved trails feasibility studies
 - Jacksonville, Wilmington, Kure beach, Lumberton
- Statewide transit EV transition plans
- Microtransit Feasibility studies
 - Hoke Area Transit Service & Robeson County (South East Area Transit System)
 - Onslow United Transit
 - Wilson County

Ongoing :

- MMPG 24 :
 - Fayetteville Pedestrian Plan, Carolina Beach bike & Ped plan, Town of Sims, Town of Murphy, Western Carteret County
- MMPG 25:
 - Town of Oak Island, Town of Southport, etc.
- Regional Transit Plans
- Bicycle Helmet Initiative

Consultation on Special Topics

- Local bike-ped plans / regional (multi-county) bike-ped plans
- Road diet evaluation
- Walk/Bike Audits
- Bike-ped crash data
- Bike-ped project prioritization
- Pedestrian crossing treatments
- Bike-ped safety at alternative intersections
- Traffic calming/effective countermeasures
- Bicycle LOS
- Transit Accessibility
- TOD
- Microtransit feasibility
- Local zoning/land use/development policies



The Future of Integrated Mobility in North Carolina is Bright

- IMD strives to improve and advance toward a clear vision.
- IMD values our partnership with you and welcomes your feedback and support.
- We are on the same team and working toward the same future.



Thank you!



Contact Us

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