

Item 7

TDOT Long Range Transportation Plan Presentation

PRESENTER: TDOT AND CONSULTANT STAFF

NO ACTION REQUIRED



MOBILITY in **MOTION**

2055 STATEWIDE LONG RANGE POLICY PLAN

Knoxville TPO Technical Committee

September 9, 2025

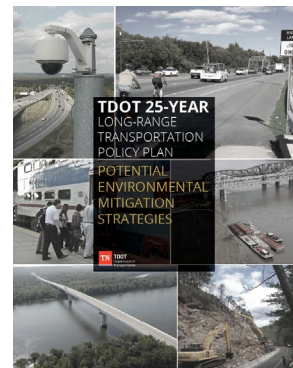
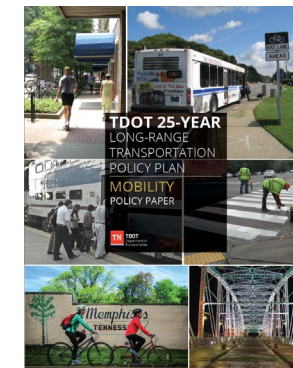
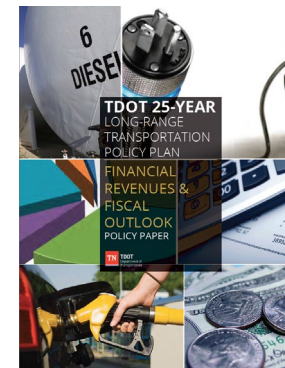
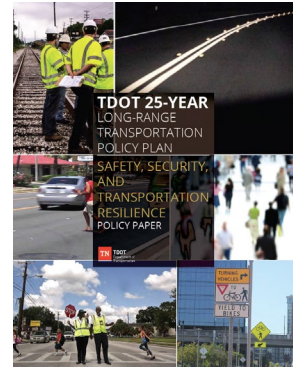
Overview

- Policy Plan Overview
- Why Update the Plan?
- Upcoming Activities and Next Steps



Policy Plan Overview

- TDOT is responsible for developing and periodically updating a long-range statewide transportation plan, per 23 CFR 450.206
- Last completed in 2016, updated in 2021
- Current plan made up of policy papers, including:
 - Demographic and employment trends
 - Safety, security, and resiliency
 - Accessibility
 - Mobility: Public Transportation, TDM, and Non-Motorized Modes
 - Freight Logistics and Planning



Policy Plan Overview

- **Guiding Principles**

- **Preserve and Manage the Existing System** | Protect existing assets and maintain efficiency of the system through cost-effective management and new technologies.
- **Support the State's Economy** | Make transportation investments that support economic growth, competitiveness and tourism; build partnerships with communities and regions to link employment, commercial/retail areas and other key activity centers.
- **Maximize Safety and Security** | Reduce injuries and fatalities in all modes of transportation; minimize construction-related safety incidents; improve disaster preparedness and incident response.
- **Provide for the Efficient Movement of People and Freight** | Optimize the movement of people and goods by providing greater access to transportation services for all people and by building better connections among different modes of transportation.



Policy Plan Overview

- Guiding Principles continued...
 - **Build Partnerships for Sustainable and Livable Communities** | Provide early and ongoing opportunities for broad public input on plans and programs; work closely with local public and private planning efforts; coordinate land use and transportation planning.
 - **Protect Natural, Cultural, and Environmental Resources** | Maintain the integrity of communities and historical sites; minimize impacts on natural resources and conserve energy.
 - **Emphasize Financial Responsibility** | Provide accountability; maximize Tennessee's share of federal transportation funding; develop alternative funding strategies; select projects based on identified regional needs; allow flexibility in local management of projects where feasible.



Why update the Plan?

- Last comprehensive update was 2016
- Bipartisan Infrastructure Law (BIL) became law in 2021
- Transportation Modernization Act (TMA) passed in 2023
- Project Delivery Network (PDN) changes
- EPIC organizational changes



Why update the Plan?

- Key considerations for Mobility in Motion
 - Reflecting Department wide changes and priorities
 - Provide opportunity to coordinate and collaborate with MPOs, Development Districts, and RPOs
 - Incorporate project prioritization best practices and methodologies

TDOT Prioritization Criterion

Project Performance

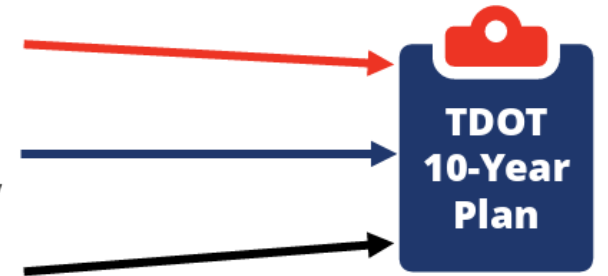
- Safety
- Congestion
- Economic Growth
- Preservation
- Livability & Sustainability

Project Delivery

- Time to Deliver
- Risk that may Delay Delivery

Project Cost

- Total Cost
- State Share of Cost
- Leveraged Funding
- Regional Balance

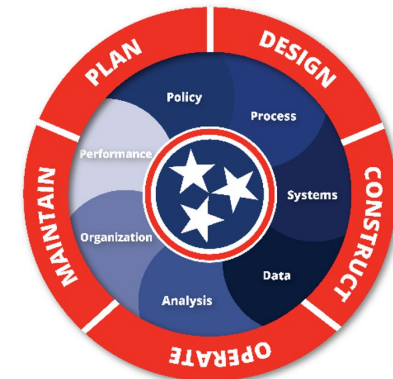


Final priorities reflect a combination of performance, delivery, and cost.

Budget Hearings, FY 2026

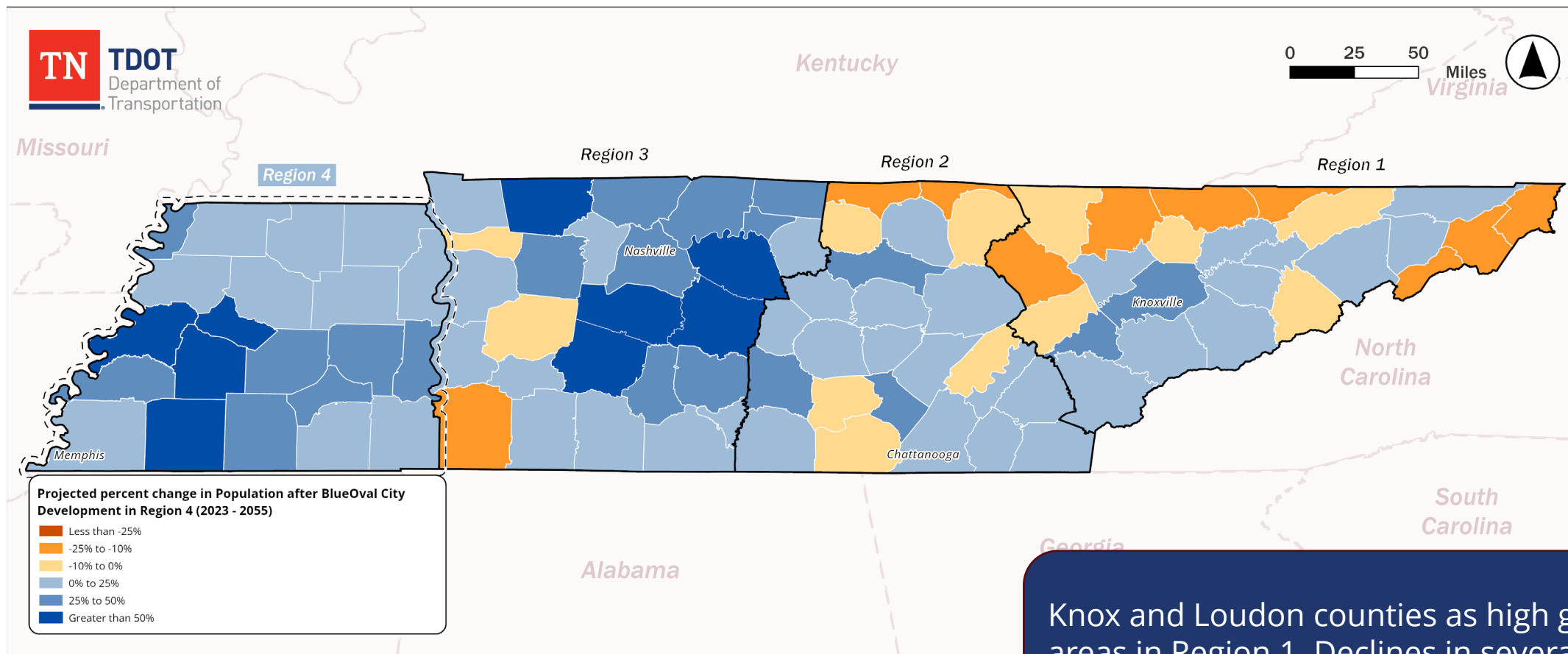


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Why update the Plan?

Population Growth through 2055



Source: UTK Boyd Center

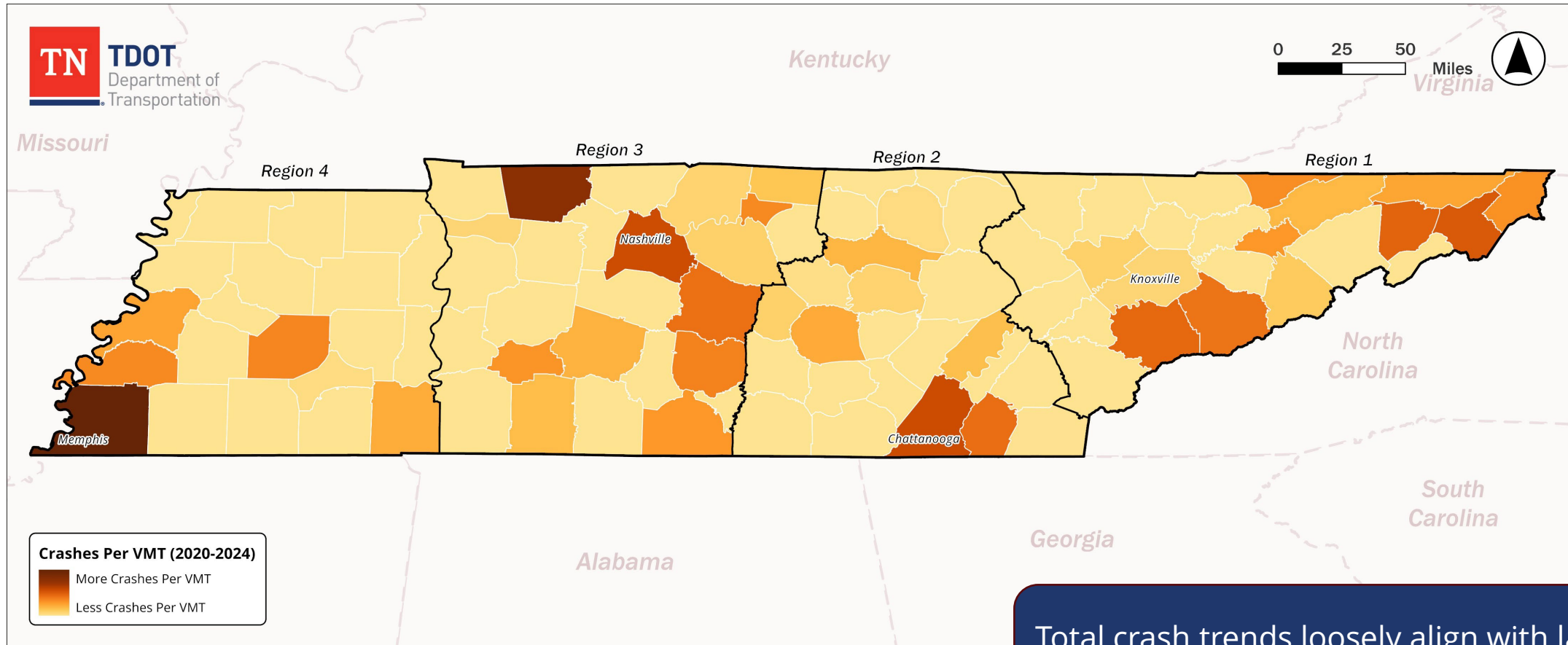


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Knox and Loudon counties as high growth areas in Region 1. Declines in several rural counties.

Why update the Plan?

Crashes per vehicle miles traveled



Source: ETRIMS and HPMS County VMT Reports

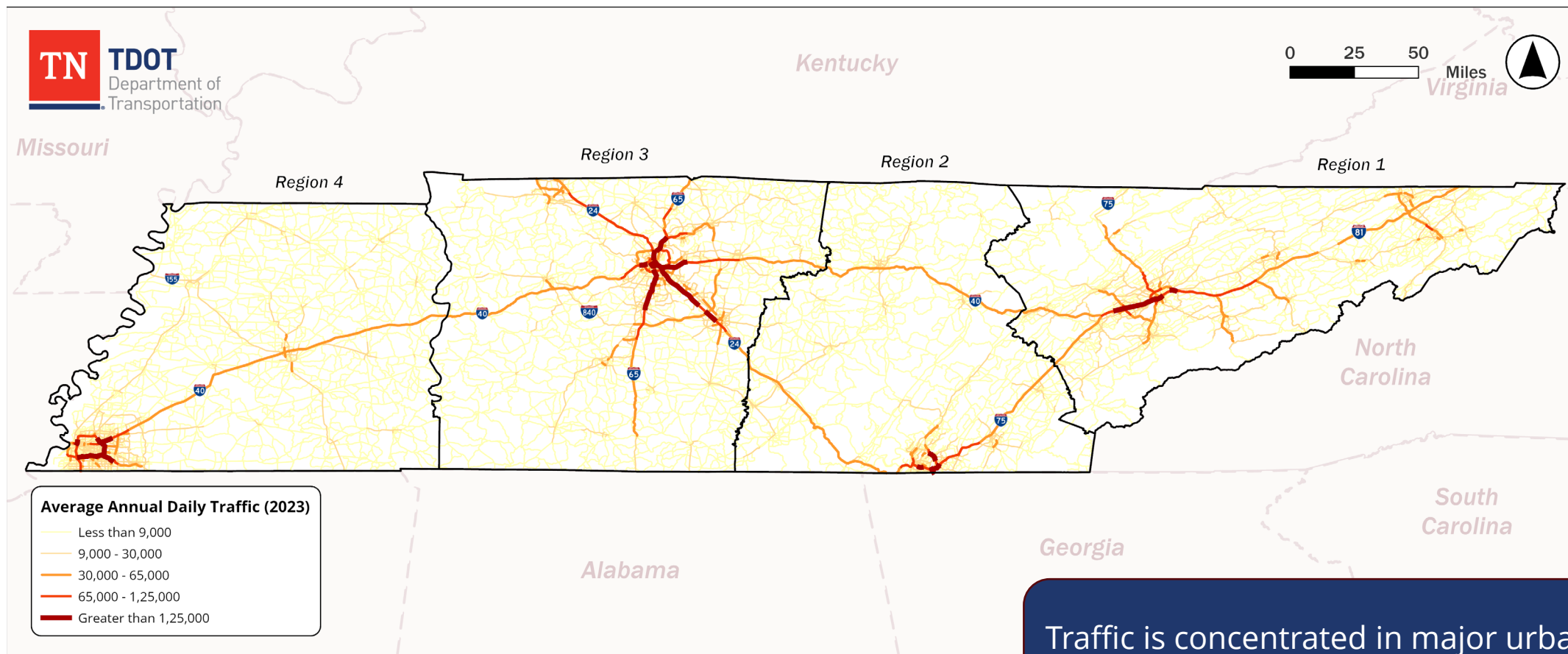


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Total crash trends loosely align with larger urban areas and their surrounding suburbs.

Why update the Plan?

AADT (2023)



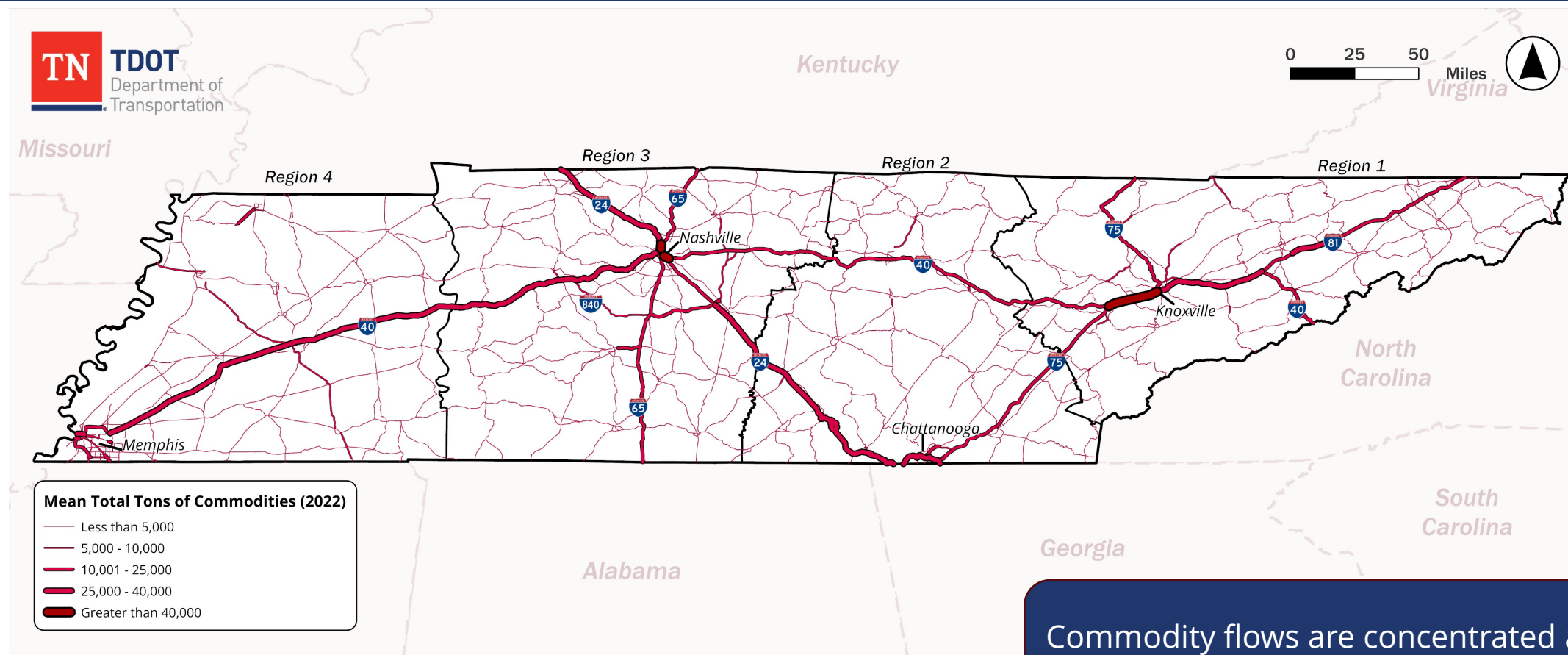
Source: STS GIS



Traffic is concentrated in major urban areas and along Interstates.

Why update the Plan?

Freight Tonnage



Source: Freight Analysis Framework (FAF)

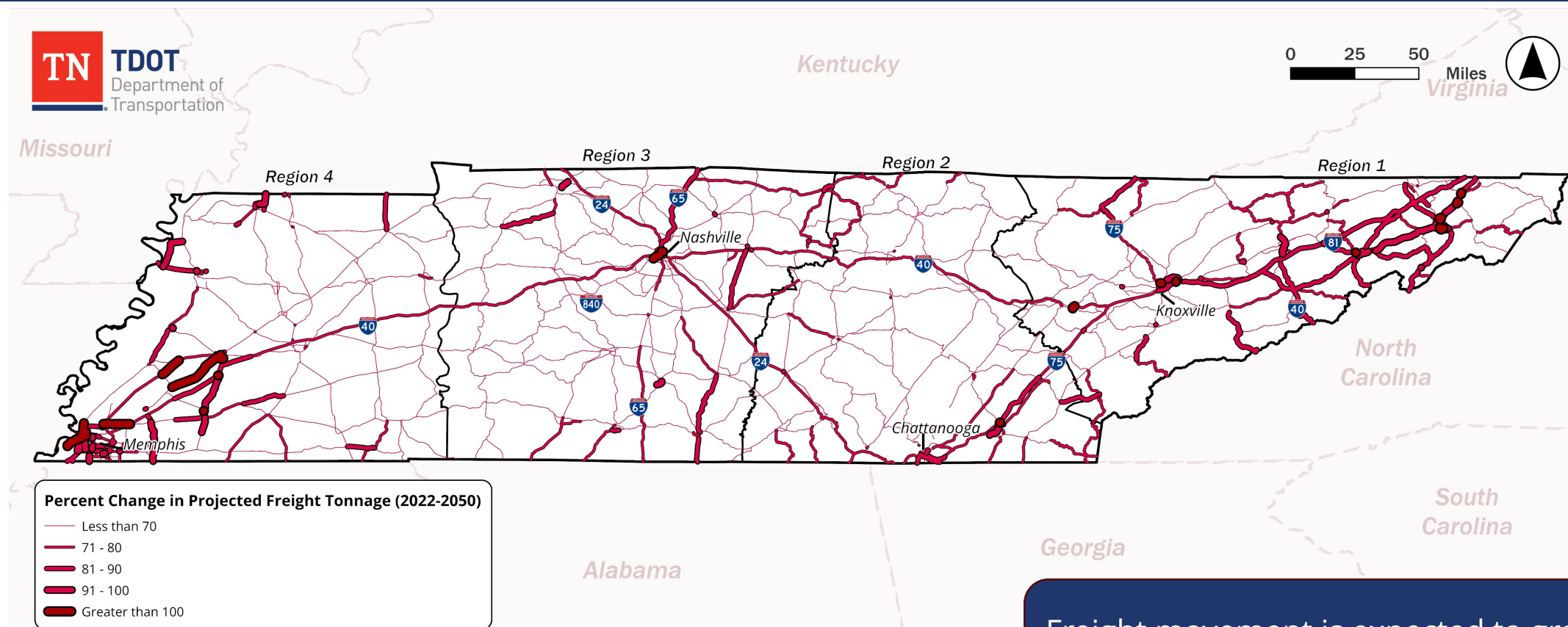


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Commodity flows are concentrated along I-40 and I-24.

Why update the Plan?

Freight Tonnage Change (2022-2050)



Source: Freight Analysis Framework (FAF)



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Freight movement is expected to grow significantly in Regions 1 and 4.

Upcoming Activities and Next Steps

- MPO 1-on-1 meetings
- Policy Plan scheduled for completion by end of year
- Larger update planned for 2026
 - Technical analyses
 - Robust public engagement



**Visit the
website!**





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THANK YOU!

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