



**NORTH CAROLINA**  
Department of Transportation

# CY 2025 Preliminary Safety Performance Measures and 2024 NC SHSP

Shawn A. Troy

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

## Safety Performance Measures

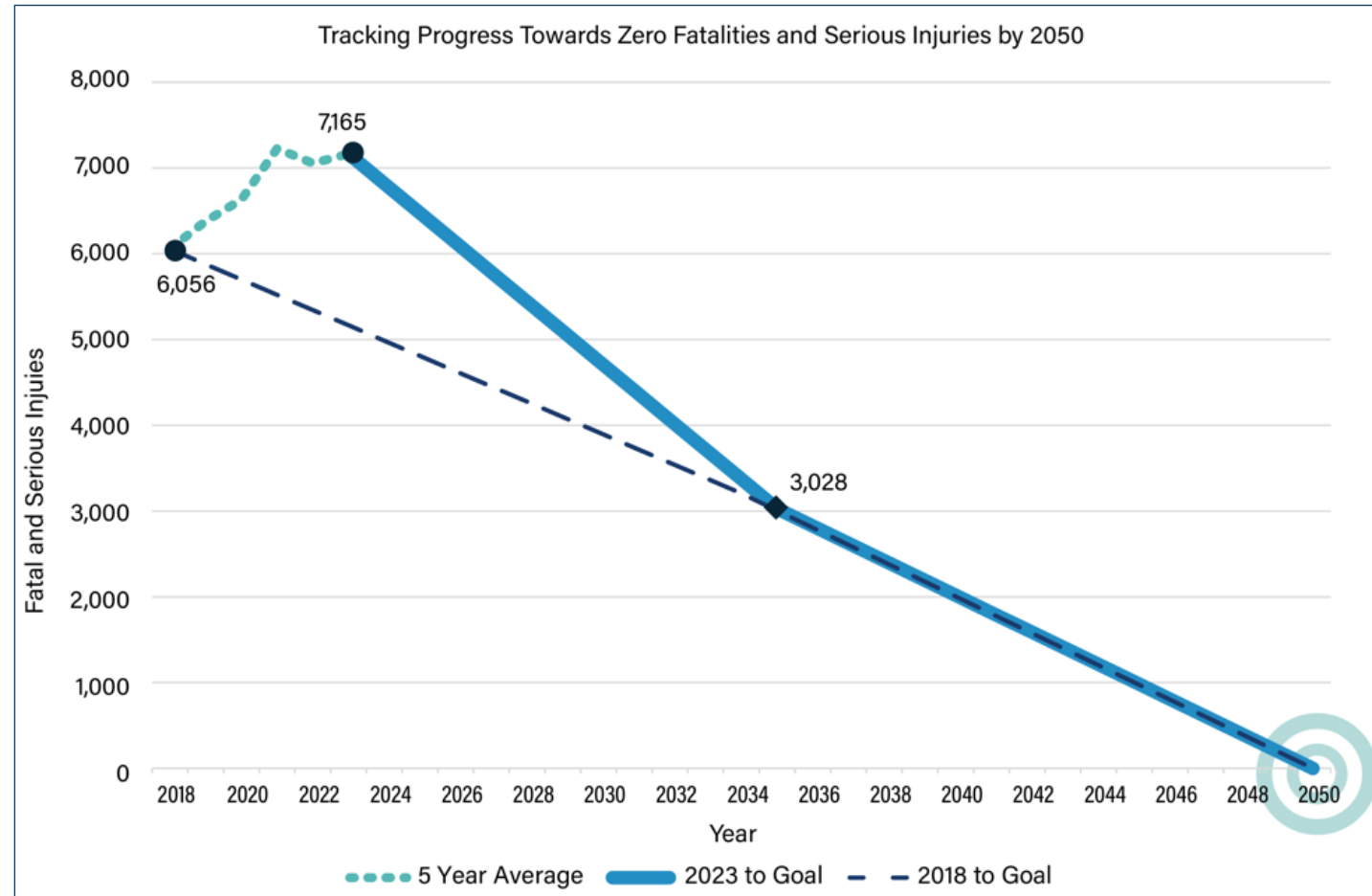
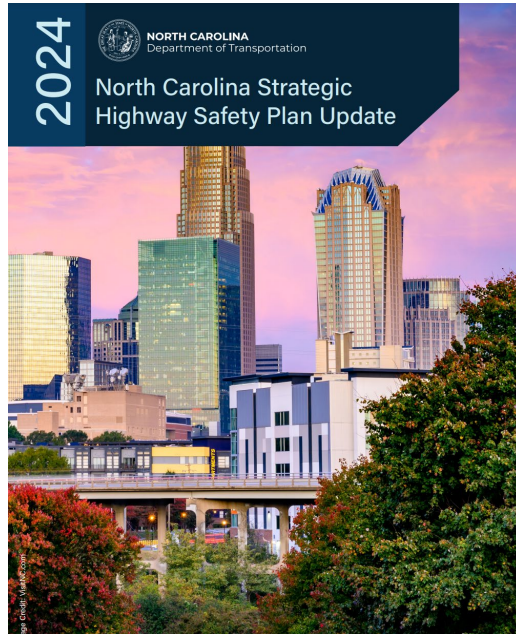
- MAP-21 / FAST Act Rulemaking requires State DOTs and MPOs to set targets for 5 Highway Safety Improvement Program (HSIP) Safety Performance Metrics
- Final Rules published in the Federal Register March 2016; effective April 2016

HSIP Safety Targets	
1	Number of fatalities
2	Rate of fatalities
3	Number of serious injuries
4	Rate of serious injuries
5	Number of non-motorized fatalities and non-motorized serious injuries

- Targets are based on 5 year rolling averages
- Targets are for calendar years
- Targets must be identical to NHTSA HSP targets for common measures (Number of Fatalities, Fatality Rate, Number of Serious Injuries)
- States and MPOs must coordinate on establishing targets
- States would have “Met” or “Made Significant Progress” towards meeting Performance Targets if:
  - 4 out of 5 targets are “Met” or
  - 4 out of 5 targets are better than performance for year prior to establishing targets

## NC SHSP Goal

- Targets for the Safety Performance Measures are based on the 2019 NC SHSP Goal
- Reduce all fatalities and serious injuries by half by 2035, moving towards zero by 2050.



- The goal for the 2024 NC SHSP will be same

## North Carolina CY 2022 Safety Performance Target Assessment

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	TARGET	ACTUAL	BASELINE			
	2018-2022	2018-2022	2016-2020			
Number of Fatalities	1,254.9	1,550.8	1,458.6	No	No	No
Fatality Rate	1.057	1.328	1.250	No	No	
Number of Serious Injuries	3,537.6	5,030.0	4,410.2	No	No	
Serious Injury Rate	2.962	4.296	3.776	No	No	
Number of Non-Motorized Fatalities and Serious Injuries	486.0	661.6	583.4	No	No	

Since our State was determined to have not met or made significant progress toward the CY 2022 targets, our State must use obligation authority equal to the FY 2021 HSIP apportionment only for HSIP projects in FY 2025 and submit a HSIP Implementation Plan for FY 2025.

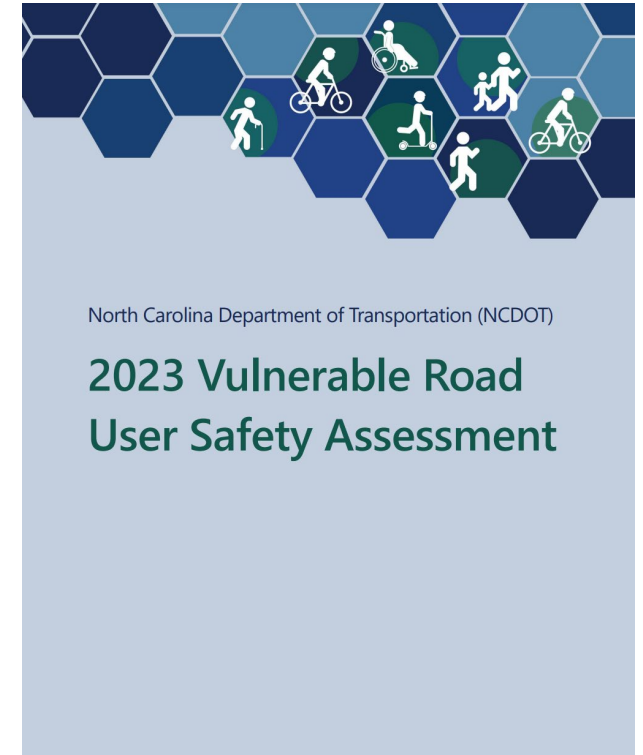
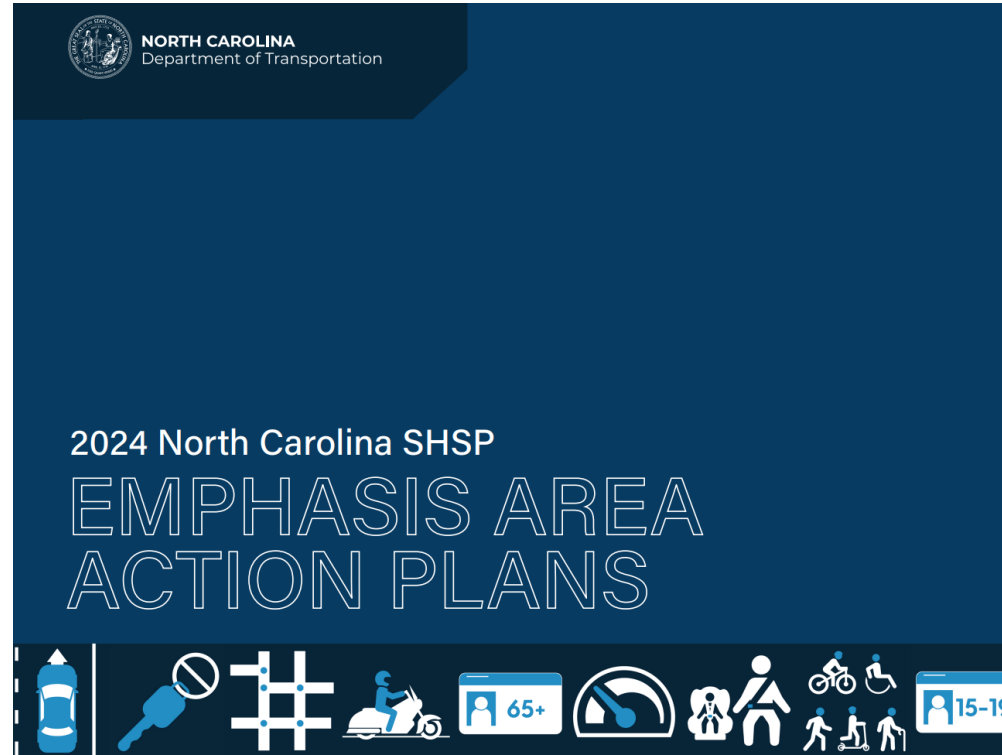
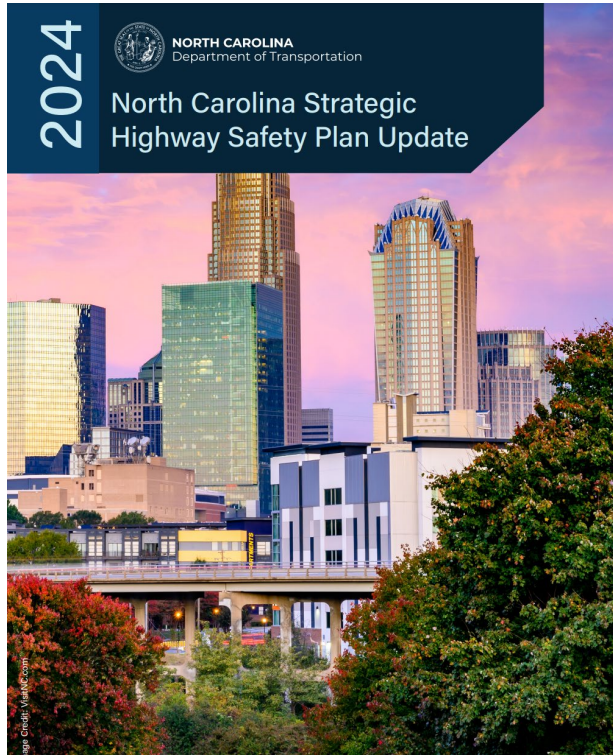
## Targets for Safety Performance Measures

Performance Measures	Highway Safety Improvement Program (HSIP)							
	Based on 2014 NC SHSP Goal			Based on 2019 NC SHSP Goal				
	CY 2018	CY 2019	CY 2020	CY 2021	CY 2022	CY 2023	CY 2024	CY 2025
Number of Fatalities	1,207.3	1,214.7	1,227.8	1,309.9	1,254.9	1,202.2	1,151.7	1,103.3
Fatality Rate	1.114	1.097	1.084	1.105	1.057	1.011	0.967	0.925
Number of Serious Injuries	2,161.2	2,490.6	2,812.8	3,656.1	3,537.6	3,423.0	3,312.1	3,204.8
Serious Injury Rate	1.988	2.228	2.462	3.065	2.962	2.863	2.767	2.675
Number of Non-Motorized Fatalities and Serious Injuries	393.5	403.7	426.6	504.4	486.0	468.2	451.1	434.6

CY 2025 Final Targets will be published once the 2023 Baselines for the FARS, VMTs and NC crash data have been stabilized

## 2024 NC SHSP – Final Documents

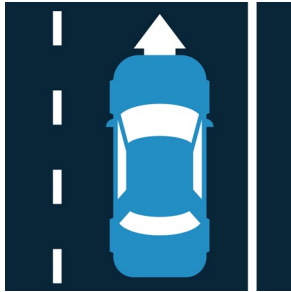
- SHSP document final drafts have been in review the last couple of weeks
- SHSP will be finalized and posted early next week



- The next 6-12 months will be spent assessing the Emphasis Area Action Plans
- Working through prioritization to move items forward over the next 5 years of the plan



## 2024 Emphasis Areas



LANE DEPARTURE



INTERSECTIONS



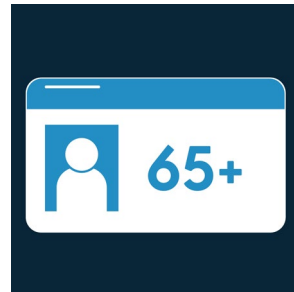
PEDESTRIANS, BICYCLISTS, AND PERSONAL MOBILITY



SEAT BELTS AND CAR SEATS



SUBSTANCE IMPAIRED DRIVING



OLDER DRIVERS



SAFER SPEEDS



MOTORCYCLISTS

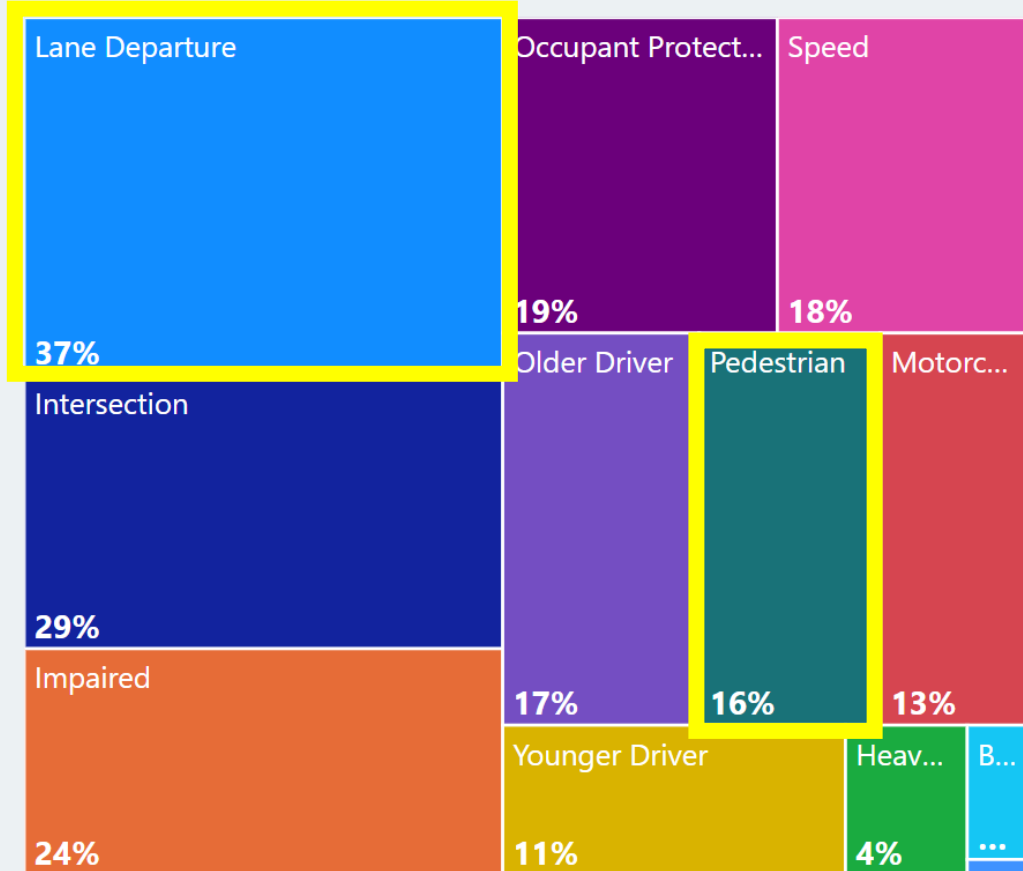


YOUNGER DRIVERS

# Fatal and Serious Injury Crash Rates by Urban and Rural

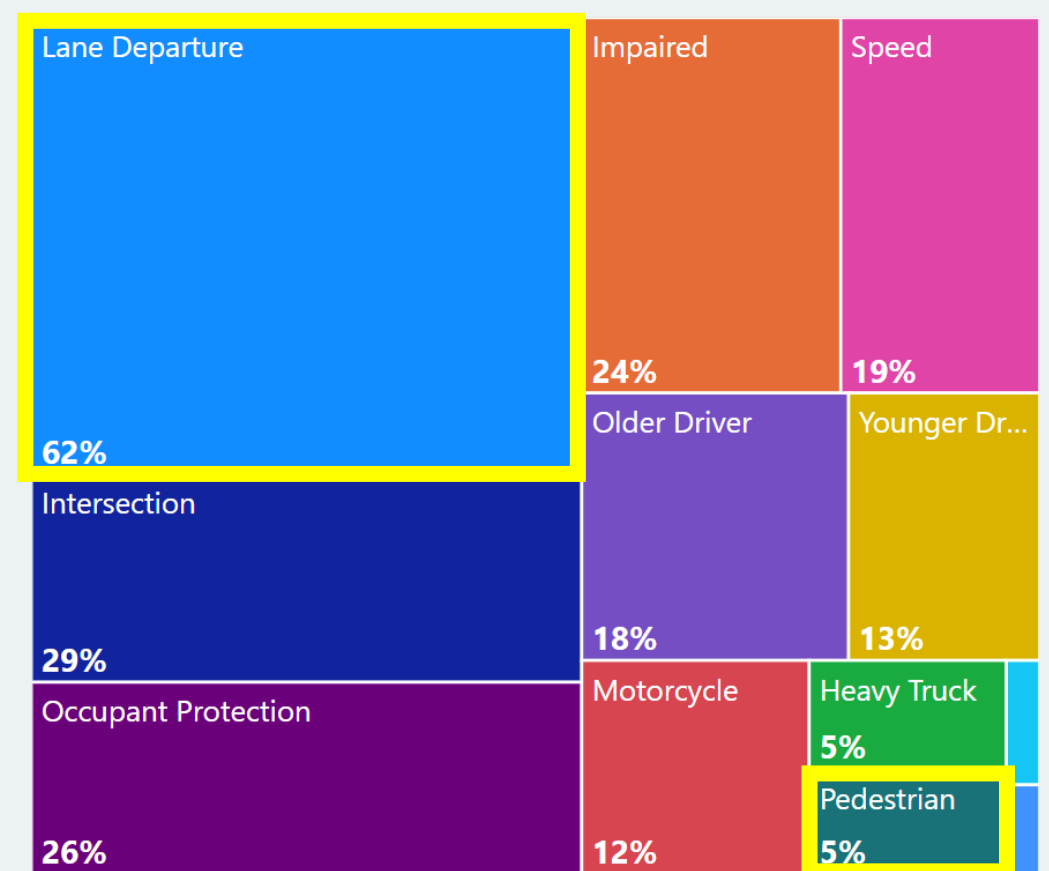
2018-2023

### Urban Fatal and Serious Injuries by Emphasis Area



Motorcycle Younger Driver Heavy Truck Bicyclists Animal

### Rural Fatal and Serious Injuries by Emphasis Area



Motorcycle Heavy Truck Pedestrian Bicyclists Animal



## Implementing the Plan



# Contact Us

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**Shawn A. Troy, P.E.**

stroy@ncdot.gov

919-814-5010



 @NCDOT

 NCDOT

 NCDOTcommunications

 @NCDOT

 ncdotcom

 ncdot\_comm

**Thank you!**

