

MAP-21

Performance Measures

Safety

Moving Ahead for Progress in the 21st Century

Effective in 2012, MAP-21 is the bill that outlines federal funding and policy for the U.S. surface transportation system.

A key feature of MAP-21 is the establishment of a performance- and outcome-based program. The objective of this program is to allow States to invest resources in highway projects that will collectively help impact the achievement of the designated national performance goals.

The states are required to invest resources to progress the following national goals:

- **Safety,**
- **Infrastructure Condition,**
- **Congestion Reduction,**
- **System Reliability,**
- **Freight Movement and Economic Vitality,**
- **Environmental Sustainability,**
- **Reduced Project Delivery Delays.**

Quick Fact! Between 2012 and 2017, the total number of vehicle crashes in Craighead County **increased by 35%.**³



2019, Jonesboro Police Dept.

Who We Are

The **Northeast Arkansas Regional Transportation Planning Commission (N.A.R.T.P.C.)** is the designated metropolitan planning organization (MPO) for the cities of Bay, Bono, Brookland, Jonesboro, and some unincorporated portions of Craighead County. The purpose of the N.A.R.T.P.C. is to prepare consensus-driven, fiscally-constrained plans for the development of a safe, efficient and affordable regional transportation system.

What We Measure

The national **Safety** goal is "To achieve a significant reduction in traffic fatalities and serious injuries on all public roads." The N.A.R.T.P.C. is in support of the annual targets set by the Arkansas Department of Transportation (ARDOT) to significantly reduce the number and rate of roadway and non-motorized crashes, particularly those resulting in fatality and/or serious injury, throughout the state.

How We Measure

Annual performance targets are to be established by state departments of transportation and/or mpos.¹ Those targets are developed by determining the five-year average of all motor vehicle crashes for the five given Safety measures during each calendar year (**see below**). The results of those findings, referred to as **rolling averages**, are then used to calculate a single, overall average. This average serves as the target number for each of the five presented safety measures.²

- Number of fatalities • Rate of fatalities per 100 million vehicle miles traveled (VMT)
- Number of serious injuries • Rate of serious injuries per 100 million (VMT) • Number of non-motorized fatalities & serious injuries

How We Improve

- Partner with law enforcement, local governments, federal agencies and the public to administer comprehensive safety education/training
- Select/Implement multimodal infrastructure improvement projects for local roads

MAP-21

Performance Measures

Safety

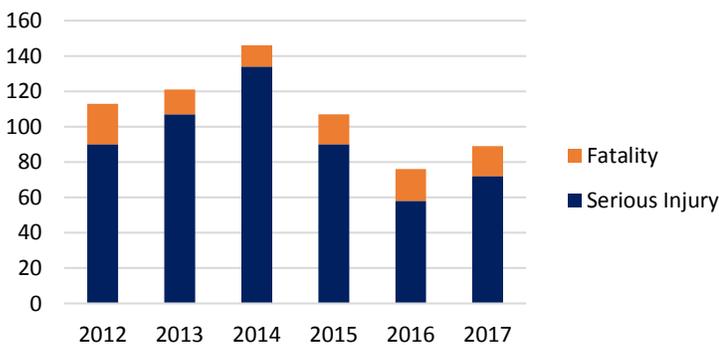
Performance Targets-State of Arkansas

The following chart reflects the current **Highway Safety Improvement Program (HSIP)** targets set by ARDOT for 2018 and 2019. Both annual targets have been adopted by the N.A.R.T.P.C.

*Please note that adjustments has been applied to the performance targets displayed in the chart due to factors that include, but are not limited to, the legalization of medical marijuana, increases in highway speed limits, updates to serious injury definition, increased vehicle miles travelled, and increase in statewide crash reporting using eCrash.

Safety Performance Measures	2018 Adjusted Targets	2019 Adjusted Targets
Number of Fatalities	555	543
Rate of Fatalities per 100 million VMT	1.660	1.615
Number of Serious Injuries	3,470	3,637
Rate of Serious Injuries per 100 million VMT	10.419	10.824
Number of Non-motorized Fatalities & Serious Injuries	149	170

2012-2017 Fatalities and Serious Injuries

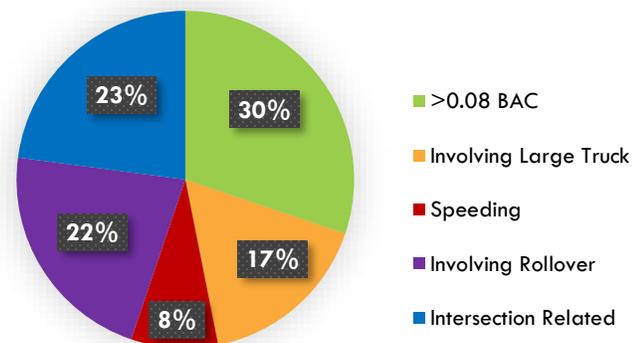


Quick Fact! In 2017, Craighead County experienced **17 fatalities** and **72 serious injuries** as a result of a vehicle crash.³



2013, KAIT

Fatality Breakdown Per Crash Cause/Type for Craighead County 2012-2017



In 2018, the MPO developed the **Move Safe Action Plan**, which provides an assessment of critical corridors within the region with recommendations to help reduce the number of fatal and serious injury crashes within the region. To access the plan, please visit: <https://www.jonesboro.org/DocumentCenter/View/5261/Safety-Action-Plan-2018>



**NORTHEAST ARKANSAS
REGIONAL TRANSPORTATION
PLANNING COMMISSION**

1 Federal Highway Administration: https://safety.fhwa.dot.gov/hsip/spm/state_safety_targets/
 2 Arkansas Department of Transportation: http://ardot.gov/Trans_Plan_Policy/traffic_safety/traffic_safety.aspx
 3 Arkansas Department of Transportation eCrash System
 4 KAIT8 News: <https://www.kait8.com/2019/08/13/serious-crash-reported-i-jonesboro/>
 5 KAIT8 News: <https://www.kait8.com/story/23791599/3-people-hospitalized-following-crash-on-parker-road/>