

SAFETY METRICS

The list below is a selection of metrics based on the recommendations and the goals for many, which are tied to the high-priority network or prioritized projects. Safety metrics were created to track the MAPA region’s and communities’ progress in implementing recommendations. Crash fatalities and serious injuries are lagging indicators, whereas these measures can be monitored in real-time and provide tangible targets to meet. All goals and rates are for the MAPA Region as a whole but are intended to be measured at the jurisdiction level.

LEGISLATIVE

METRIC	GOAL	RATE	EXPECTED KSIS REDUCED (/ YEAR)
Primary Seatbelt Law	Pass a primary seatbelt law in Nebraska by 2030.	-	53.1
BAC Limit of 0.05% Law	Pass a 0.05% BAC limit law in Nebraska and Iowa by 2030.	-	61.9
Red-light Running & Speed Safety Cameras Laws	Pass red-light and speed safety cameras laws in Nebraska by 2030.	-	66.4
Primary Handheld Device Law	Pass a primary handheld device law in Nebraska and Iowa by 2030.	-	4.4
Motorcycle Helmet Law	Pass motorcycle helmet laws in Nebraska and Iowa by 2030.	-	*

PLANNING

METRIC	GOAL	RATE	EXPECTED KSIS REDUCED (/ YEAR)
Complete Streets Design Standards	All jurisdictions with or covered by a Complete Streets Design Standard less than 10 years old.	2 Jurisdictions per Year	*
Active Mobility Plans	All jurisdictions with or covered by an Active Mobility Plan less than 10 years old.	2 Jurisdictions per Year	*
Traffic Calming Policy	All jurisdictions with or covered by a Traffic Calming Policy less than 10 years old.	2 Jurisdictions per Year	*
Safe Routes to School	All jurisdictions with or covered by a Safe Routes to School less than 10 years old.	2 Jurisdictions per Year	*
Traffic Impact Study Guidance	All jurisdictions with or covered by a Traffic Impact Study Guidance less than 10 years old.	2 Jurisdictions per Year	*

INFRASTRUCTURE

METRIC	GOAL	RATE	EXPECTED KSIS REDUCED (/ YEAR)
4-lane Undivided	Eliminate 4- and 5-lane undivided roadways by 2040, prioritizing High Priority Network locations.	2.3 Miles per Year	17.7
Signal Conversions	Convert 25% of signals on the High Priority Network to a roundabout or reduced conflict intersection by 2040.	8 Signals per Year	18.0
Signal Modificaitons	Upgrade 35% of signals on the High Priority Network by 2040.	12 Signals per Year	5.8
Rural Shoulders	Install shoulders on 100% of identified candidate locations >1,000 ADT by 2040, prioritizing High Priority Network locations.	5.4 Miles per Year	2.4
Curve Delineation	Modify 100% of curve delineation locations on identified Prioritized Project locations by 2040.	2 Locations per Year	1.2
Traffic Calming	Install 1,000 neighborhood traffic calming countermeasures by 2040, utilizing the VZ Toolbox.	67 Locations per Year	*
Active Mobility Facilities	Install 75 miles of active mobility facilities by 2040, prioritizing locations on the High Priority Network and installation of separated facilities.	5 Miles per Year	*

BEHAVIORAL

METRIC	GOAL	RATE	EXPECTED KSIS REDUCED (/ YEAR)
Traffic Safety Enforcement	Increase funding for local traffic enforcement by 30% by 2040.	-	*
Driver's Safety Education	Establish a youth driver education program by 2030, prioritizing engagements in Transportation Disadvantaged Communities.	-	*
Traffic Safety Marketing	Establish and allocate \$200k to traffic safety marketing per year by 2030.	-	*

* Unable to estimate expected annual KSI reduction based on available data.