

Comment on the draft 2024 safety performance measure targets

The Lawrence-Douglas County Metropolitan Planning Organization (MPO) is releasing draft targets for the 2023 safety measures. Safety measures include: the number of fatalities and serious injuries, rate of fatalities and serious injuries per 100 million VMT, and the number of non-motorized fatalities & serious injuries.

These annual targets are federally required performance measures under Fixing America's Surface Transportation Act - FAST Act.

The 15-day public comment period for these draft targets starts on October 11, 2023 and will end on October 25, 2023.

These targets will come before the Lawrence-Douglas County Metropolitan Planning Organization (MPO) Policy Board for approval on November 16, 2023. Following MPO Policy Board approval these targets will be incorporated into the [FFY23 Transportation Improvement Program \(TIP\)](#) and into [Transportation 2050](#).

The draft targets can be accessed online at: www.lawrenceks.org/mpo/t2050/.

Written comments may be emailed to mpo@lawrenceks.org or mailed Lawrence-Douglas County MPO, PO Box 708, Lawrence, KS 66044.

Safety

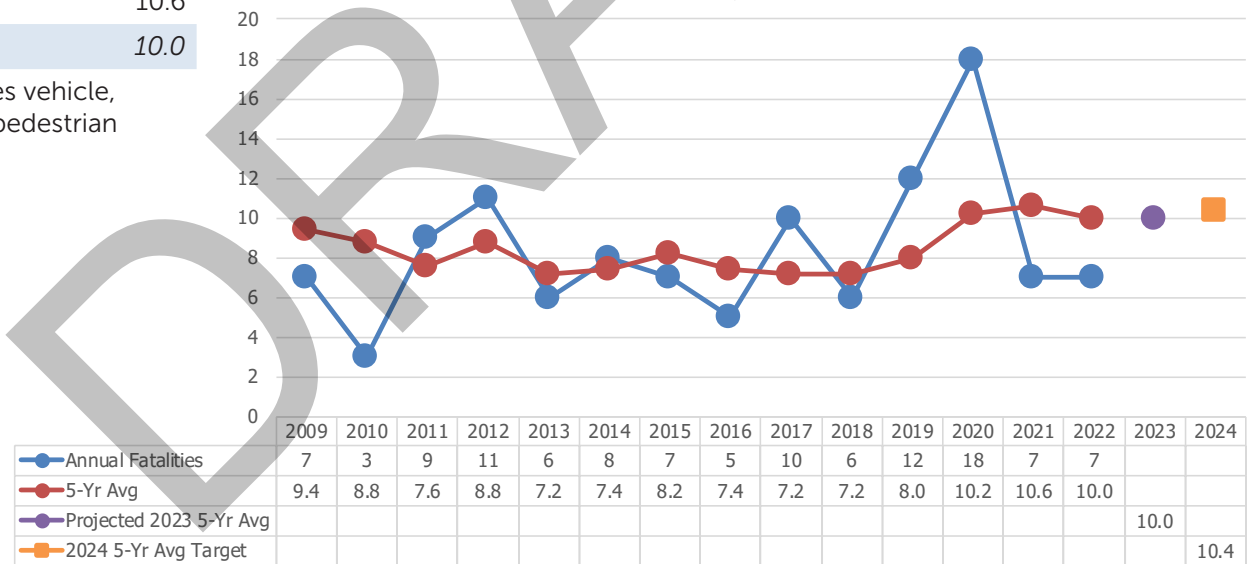
Performance Measure 9:

Number of Fatalities (all public roads)

This measure includes the total number of persons suffering fatal injuries in crashes during a calendar year using five-year rolling averages. Law enforcement provides crash information to the Kansas Department of Transportation (KDOT) for compiling and KDOT dispenses the data to the MPO. The MPO desires improved safety beyond the target; however, the target reflects rolling averages with projections based on historical trends. Rolling average information is shown for the entity which maintains the road the crash occurred on. View the road maintenance map on page 7. The total Douglas County rolling average for the five year period is the official measure and MPO target.

Rolling Averages	Total Douglas County	Crash on Road Maintained by	2013-2017	2014-2018	2015-2019	2016-2020	2017-2021	2018-2022
2007-2011	7.6	City of Lawrence	1.8	1.2	1.4	2.2	2.4	2.6
2008-2012	8.8	Douglas County	2.0	2.2	2.0	2.4	2.2	2.0
2009-2013	7.2	Kansas Department of Transportation	1.2	1.4	2.0	3.8	4.4	4.2
2010-2014	7.4	Kansas Turnpike Authority	0.6	0.8	0.8	0.6	0.6	0.6
2011-2015	8.2	Townships	1.4	1.4	1.6	1.0	0.8	0.4
2012-2016	7.4	Total Mapped*	7.0	7.0	7.8	10.0	10.4	9.8
2013-2017	7.2	KDOT Douglas County Traffic Fatalities	7.2	7.2	8.0	10.2	11.5	
2014-2018	7.2	*Some crashes don't have mappable data						
2015-2019	8.0							
2016-2020	10.2							
2017-2021	10.6							
2018-2022	10.0							

Note: Includes vehicle, bicycle, and pedestrian crashes.



Source: Kansas Department of Transportation

Anticipated Update: Yearly

Target Set by MPO Policy Board: Pending [November 16, 2023](#)

2024 Target
10.4

Safety

Performance Measure 10:

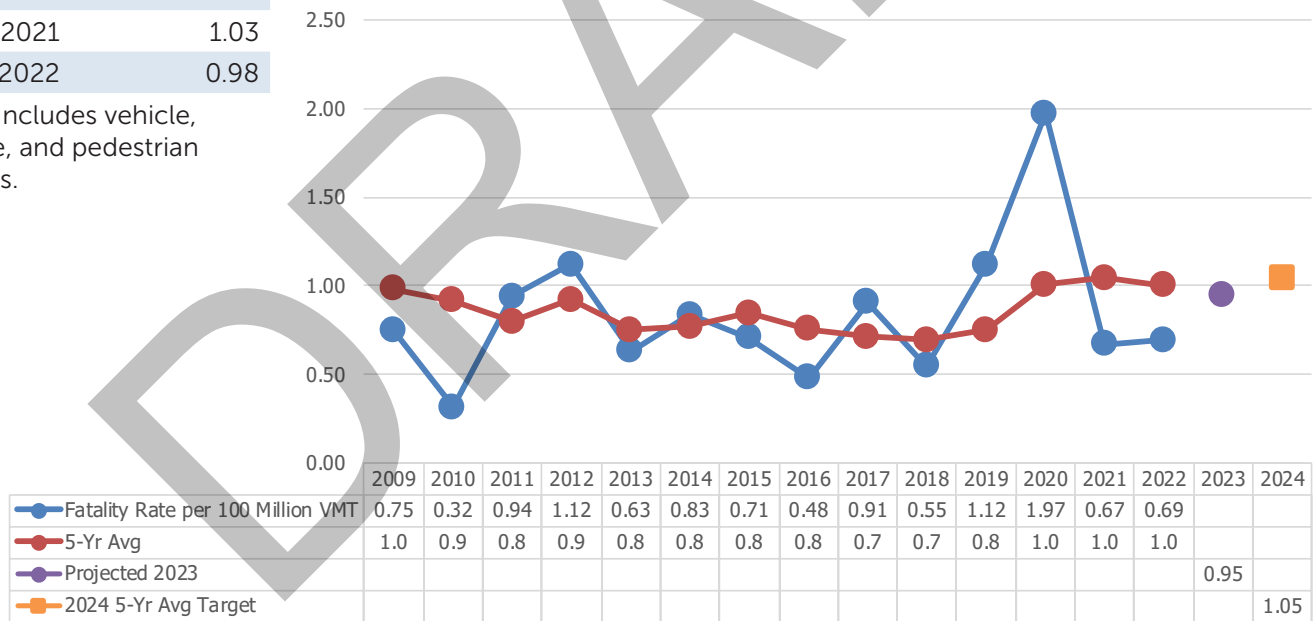
Rate of Fatalities per 100 million VMT (all public roads)

This measure includes the ratio of total number of fatalities to the number of vehicle miles traveled (VMT, in 100 Million VMT) in a calendar year using five-year rolling averages. Law enforcement provides crash information to the Kansas Department of Transportation (KDOT) for compiling and KDOT dispenses the data to the MPO. The MPO desires improved safety beyond the target; however, the target reflects rolling averages with projections based on historical trends. The total Douglas County rolling average for the five year period is the official measure and MPO target.

Rolling Averages	Total Douglas County
2007-2011	0.80
2008-2012	0.92
2009-2013	0.75
2010-2014	0.77
2011-2015	0.85
2012-2016	0.74
2013-2017	0.69
2014-2018	0.68
2015-2019	0.73
2016-2020	0.99
2017-2021	1.03
2018-2022	0.98

Fatality crashes are shown by the entity who owns and maintains the road the crash occurred on in Performance Measure 9 (the prior page). However, the Vehicle Miles Traveled (VMT) information provided by KDOT is not split into the specific entities crashes occurred on (e.g. township roads). Thus, only the total Douglas County rate is shown here. To see the per entity crashes go to Performance Measure 9.

Note: Includes vehicle, bicycle, and pedestrian crashes.



Source: Kansas Department of Transportation

Anticipated Update: Yearly

Target Set by MPO Policy Board: Pending [November 16, 2023](#)

2024 Target
1.05

Safety

Performance Measure 11:

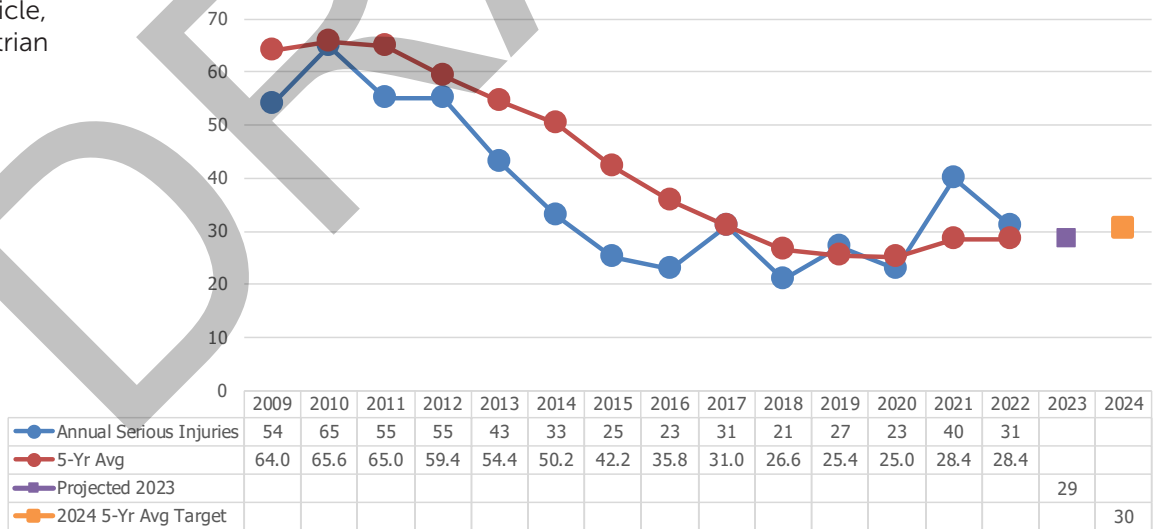
Number of Serious Injuries (all public roads)

This measure includes the total number of persons suffering at least one serious injury in a crash during a calendar year using five-year rolling averages. Law enforcement provides crash information to the Kansas Department of Transportation (KDOT) for compiling and KDOT dispenses the data to the MPO. KDOT changed to the national definition of serious injuries on January 1, 2019 (see the last page for the definitions). The MPO desires improved safety beyond the target; however, the target reflects rolling averages with projections based on historical trends. Rolling average information is shown for the entity which maintains the road the crash occurred on. View the road maintenance map on page 7. The total Douglas County rolling average for the five year period is the official measure and MPO target.

Rolling Averages	Total Douglas County	Crash on Road Maintained by	2013-2017	2014-2018	2015-2019	2016-2020	2017-2021	2018-2022
2007-2011	65.0	City of Baldwin City	0.0	0.0	0.0	0.0	0.4	0.4
2008-2012	59.4	City of Lawrence	16.4	14.0	12.2	12.0	10.8	10.4
2009-2013	54.4	Douglas County	3.6	3.4	3.8	3.2	4.4	4.2
2010-2014	50.2	KS Department of Transportation	3.6	2.8	3.6	4.4	6.4	7.4
2011-2015	42.2	KS Dept of Wildlife, Parks, & Tourism	0.0	0.0	0.2	0.2	0.2	0.2
2012-2016	35.8	Kansas Turnpike Authority	4.4	3.6	3.2	2.6	2.8	2.0
2013-2017	31.0	Private (Lawrence)	0.2	0.2	0.2	0.2	0.2	0.2
2014-2018	26.6	University of Kansas	0.6	0.4	0.4	0.4	0.4	0.4
2015-2019	25.4	Total Mapped*	28.8	24.4	23.6	23.0	25.8	26.2
2016-2020	25.0	KDOT Douglas County Traffic-Related Serious Injuries	31.0	26.6	25.4	25.0	28.4	28.4
2017-2021	28.4							
2018-2022	28.4							

Note: Includes vehicle, bicycle, and pedestrian crashes.

*Some crashes don't have mappable data



Source: Kansas Department of Transportation

Anticipated Update: Yearly

Target Set by MPO Policy Board: Pending [November 16, 2023](#)

2024 Target

30

Safety

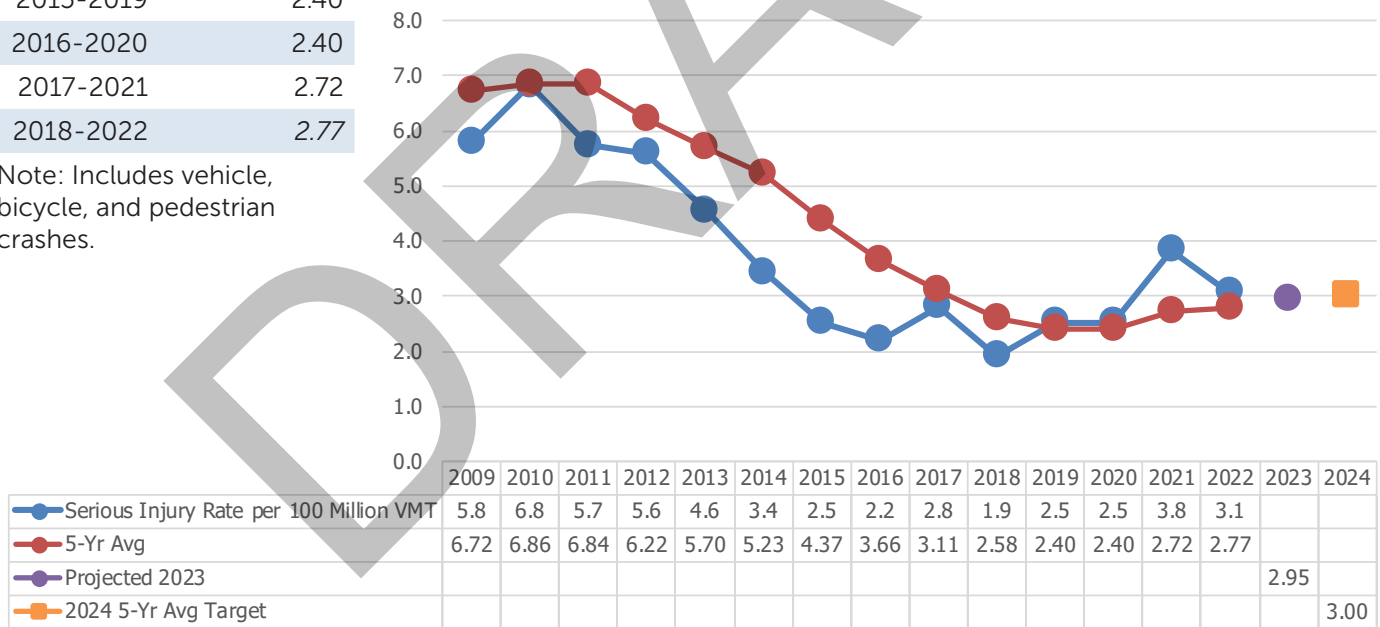
Performance Measure 12: Rate of Serious Injuries per 100 million VMT (all public roads)

This measure includes the ratio of total number of serious injuries to the number of vehicle miles traveled (VMT, in 100 Million VMT) in a calendar year using five-year rolling averages. Law enforcement provides crash information to the Kansas Department of Transportation (KDOT) for compiling and KDOT dispenses the data to the MPO. KDOT changed to the national definition of serious injuries on January 1, 2019 (see the last page for the definitions). The MPO desires improved safety beyond the target; however, the target reflects rolling averages with projections based on historical trends. Data is shown by jurisdiction, but the total Douglas County number is our official measure and MPO target.

Rolling Averages	Total Douglas County
2007-2011	6.84
2008-2012	6.22
2009-2013	5.70
2010-2014	5.23
2011-2015	4.37
2012-2016	3.66
2013-2017	3.11
2014-2018	2.58
2015-2019	2.40
2016-2020	2.40
2017-2021	2.72
2018-2022	2.77

Note: Includes vehicle, bicycle, and pedestrian crashes.

Serious injury crashes are shown by the entity who owns and maintains the road the crash occurred on in Performance Measure 11 (the prior page). However, the Vehicle Miles Traveled (VMT) information provided by KDOT is not split into the specific entities crashes occurred on (e.g. township roads). Thus, only the total Douglas County rate is shown here. To see the per entity crashes go to Performance Measure 11.



Source: Kansas Department of Transportation

Anticipated Update: Yearly

Target Set by MPO Policy Board: Pending [November 16, 2023](#)

2024 Target

3.00

Safety

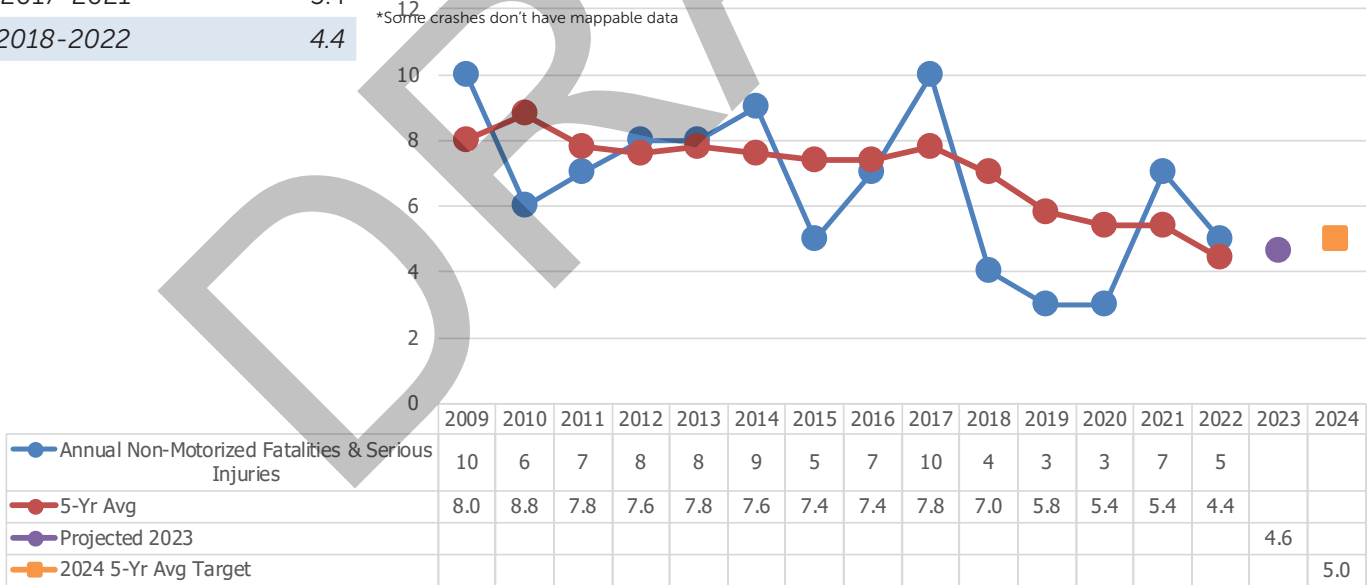
Performance Measure 13:

Number of Non-Motorized Fatalities & Serious Injuries (all public roads)

This measure includes the combined total number of non-motorized fatalities and non-motorized serious injuries involving a motor vehicle during a calendar year using five-year rolling averages. KDOT changed to the national definition of serious injuries on January 1, 2019. The MPO desires improved safety beyond the target; however, the target reflects rolling averages with projections based on historical trends. Rolling average information is shown for the entity which maintains the road the crash occurred on. View the road maintenance map on page 7. The total Douglas County rolling average for the five year period is the official measure and MPO target.

Rolling Averages	Total Douglas County	Crash on Road Maintained by	2013-2017	2014-2018	2015-2019	2016-2020	2017-2021	2018-2022
2007-2011	7.8	City of Lawrence	5.4	5.0	4.0	3.8	3.4	3.0
2008-2012	7.6	Douglas County	0.4	0.4	0.2	0.2	0.2	0.2
2009-2013	7.8	KS Department of Transportation	0.2	0.2	0.2	0.2	0.2	0.2
2010-2014	7.6	Kansas Turnpike Authority	0.2	0.2	0.2	0.0	0.0	0.0
2011-2015	7.4	Private (Lawrence)	0.2	0.2	0.2	0.2	0.0	0.0
2012-2016	7.4	University of Kansas	0.6	0.4	0.4	0.4	0.2	0.2
2013-2017	7.8	Wakarusa Township	0.2	0.0	0.0	0.0	0.0	0.0
2014-2018	7.0	Total Mapped*	7.2	6.4	5.2	4.8	4.0	3.6
2015-2019	5.8	KDOT Douglas County Non-Motorized Fatal and Serious Injuries	7.8	7.0	5.8	5.4	5.4	4.4
2016-2020	5.4							
2017-2021	5.4							
2018-2022	4.4							

*Some crashes don't have mappable data



Source: Kansas Department of Transportation

Anticipated Update: Yearly

Target Set by MPO Policy Board: Pending [November 16, 2023](#)

2024 Target

5.0