

12. SAFETY PERFORMANCE MEASURES

BACKGROUND

The Federal Highway Administration requires an annual submission of safety performance measures by state department of transportation and metropolitan planning organizations. The five federal safety performance measures are listed below:

1. Number of fatalities
2. Rate of fatalities (per 100 Million Vehicle Miles Traveled)
3. Number of serious injuries
4. Rate of serious injuries (per 100 Million Vehicle Miles Traveled)
5. Number of non-motorist fatalities and serious injuries (pedestrians and bicyclist).

H-GAC by resolution (Resolution 2019-05, February 22, 2019) agreed to support the State’s effort to achieve its safety performance measure targets. Supporting the State’s efforts includes using the same or similar methodology to set Performance Measures.

H-GAC uses a methodology of a five-year rolling average to determine safety performance measures. The data used to determine the safety performance Measures is from the Fatality Analysis Reporting System (FARS) and the Texas Department of Transportation (TxDOT) Crash Record Information System (CRIS) data from 2021 to 2022 to calculate the 5-year rolling average for the 2023.

CURRENT SITUATION

The table below shows the H-GAC safety performance measures for 2023.

Year	2018	2019	2020	2021	2022	Five Year Average
Number of Fatalities	589	641	717	849	839	727
Per 100 Million VMT	609.87	619.37	563.35	586.2	594.6	
Rate of Fatalities	0.97	1.03	1.27	1.45	1.41	1.23
Number of Serious Injuries	3,025	3,260	3,416	4,377	4,264	3,668
Rate of Serious Injuries per 100 Million VMT	4.96	5.26	6.06	7.47	7.17	6.18
Number of Non-motorized Fatalities and Non-motorized Serious Injuries	6.27	716	629	787	806	713

Data from 2022 was generated on 02/22/2023 from CRIS. Traffic Data for 2022 is an average of the previous 4 years.

ACTION

For information and discussion only