

7. APPROVAL OF TRANSPORTATION SAFETY AND PERFORMANCE MEASURES AND TARGETS

Summary

The Federal Highway Administration requires an annual submission of safety performance measure targets 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 these targets. H-GAC must submit the 2022 Region's Safety Performance Measure Targets to TxDOT by the end of February.

Current Situation

The attachments include the proposed letter, Resolution 2022-5, and an appendix showing the State's safety performance measures and targets. The attached letter also includes additional information on TPC's aspirational goals on Vision Zero by 2050.

Action Requested

Transportation Advisory Committee's recommendation for Transportation Policy Council approval of Resolution 2022-5.



HOUSTON-GALVESTON AREA COUNCIL
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February 25, 2022

Ms. Peggy Thurin, P.E.
Director of Systems Planning Section
Texas Department of Transportation
125 E. 11th St.
Austin, Texas 78701

RE: Transmittal of 2022 Houston-Galveston Area Council (H-GAC) Safety Performance Measures and Targets

Dear Ms. Thurin,

On February 25, 2022, the Transportation Policy Council (TPC) approved the 2022 Safety Performance Measures and Targets developed by the Texas Department of Transportation (TxDOT). The TPC supports the statewide safety targets as described in the attached Resolution 2022-5, the 2022 Performance Report which documents the targets and reporting. Attachment 1 shows the Statewide Safety Performance Measures and Targets.

The H-GAC's Transportation Policy Council approved Resolution 2020-36 on October 23, 2020 included in Attachment 2 to commit to support transportation projects and programs to eliminate traffic fatalities in the region by the year 2050. Resolution 2020-36 shows aspirational goals of the TPC to end traffic fatalities in the region beyond the safety targets outlined in Resolution 2022-5.

If more information is needed, please contact David Fink at (713) 993-4558 or at david.fink@h-gac.com.

Sincerely,

Craig Raborn, AICP
Transportation/MPO Director

Attachments

cc: Mr. David Fink, H-GAC

Mr. Raymond Sanchez, TxDOT-TPP

Mr. Andy Mao, Ms. Catherine McCreight, TxDOT-HOU

Mr. Adam Jack, Mr. Scott Ayres, TxDOT-BMT

Mr. Jose Campos, FHWA



Resolution

NO. 2022-5

AUTHORIZING ADOPTION OF THE 2022 SAFETY PERFORMANCE MEASURES AND TARGETS ESTABLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT).

WHEREAS, the Houston-Galveston Area Council (H-GAC) is designated as the Metropolitan Planning Organization (MPO) for the Houston - Galveston Transportation Management Area by the Governor of Texas in accordance with federal law, and;

WHEREAS, the Transportation Policy Council (TPC) is the regional transportation policy body, and;

WHEREAS, Fixing America's Surface Transportation Act and the subsequent Infrastructure Investment and Jobs Act (IIJA), signed into law November 15, 2021, require the implementation of Performance Measures to assist in the transportation planning process; and

WHEREAS, the Texas Department of Transportation (TxDOT) has adopted its Strategic Highway Safety Plan, a data-driven statewide-coordinated safety plan to help reduce fatalities and serious injuries on all public roads; and

WHEREAS, the State of Texas Department of Transportation (TxDOT) has established target for Five (5) Safety Performance measures based on five-year rolling averages for:

1. Number of Fatalities
2. Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT),
3. Number of Serious Injuries,
4. Rate of Serious Injuries per 100 million VMT, and
5. Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries, and

WHEREAS, the Texas Department of Transportation (TxDOT) has officially established safety targets in the Highway Safety Improvement Program annual report dated May 25, 2021 and has

adopted identical safety target for number of fatalities, rate of fatalities, and number of serious injuries as set forth in the Strategic Highway Safety Plan, and as shown in Attachment 1, and;

WHEREAS, the Texas Department of Transportation annually adopts these Safety (PM1) performance targets in the Highway Safety Improvement Program, and adopts identical targets for the number and rate of fatalities and serious injuries, and the number of non-motorized fatalities and serious injuries as set forth in the Texas Strategic Highway Safety Plan, and;

NOW, THEREFORE, BE IT RESOLVED THAT THE TRANSPORTATION POLICY COUNCIL FOR THE HOUSTON-GALVESTON TRANSPORTATION MANAGEMENT AREA HAS AGREED TO SUPPORT THE TEXAS DEPARTMENT OF TRANSPORTATION TARGETS FOR THE SAFETY (PM1) PERFORMANCE MEASURES AND TARGETS. THE ATTACHED TABLES SHOW THE 2022 PERFORMANCE MEASURES AND TARGETS.

APPROVED:

ATTEST:

Hon. David Robinson, Chairman
Transportation Policy Council

Hon. Nancy Arnold, Secretary
Transportation Policy Council

Attachment 1 – Statewide Safety Performance Measures and Targets

Performance Measures and Target Setting – The Texas Transportation Commission (TTC) adopted Minute Order 115481 in May of 2019, directing the Texas Department of Transportation (TxDOT) to work toward the goal of reducing the number of deaths on Texas roadways by half by the year 2035 and to zero by the year 2050. TxDOT has modified its performance measures and target calculations accordingly.

Performance Targets:

Target: Total number of traffic fatalities

2022 Target: To decrease the expected rise of fatalities to not more than a five-year average of 3,563 fatalities in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	3,648	FARS
2019	3,615	ARF
2020	3,896	CRIS
2021	3,384	Target
2022	3,272	Target
2022 Target expressed as 5-year average		3,563

As noted in the table above, the calendar year target for 2022 would be 3,272 fatalities.

Target: Total number of serious injuries

2022 Target: To decrease the expected rise of serious injuries to not more than a five-year average of 16,677 serious injuries in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	14,975	CRIS
2019	15,855	CRIS
2020	14,656	CRIS
2021	18,835	Target
2022	19,065	Target
2022 Target expressed as 5-year average		16,677

As noted in the table above, the calendar year target for 2022 would be 19,065 serious injuries.

Target: Fatalities per 100 million vehicle miles traveled

2022 Target: To decrease the expected rise of fatalities per 100 MVMT to not more than a five-year average of 1.27 fatalities per 100 MVMT in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	1.29	FARS
2019	1.25	ARF
2020	1.33	CRIS
2021	1.24	Target
2022	1.23	Target
2022 Target expressed as 5-year average		1.27

As noted in the table above, the calendar year target for 2022 would be 1.23 fatalities per 100 MVMT.

Target: Serious Injuries per 100 million vehicle miles traveled

2022 Target: To decrease the serious injuries per 100 MVMT to not more than a five-year average of 5.76 serious injuries per 100 MVMT in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	5.31	CRIS
2019	5.50	CRIS
2020	5.00	CRIS
2021	6.51	Target
2022	6.47	Target
2022 Target expressed as 5-year average		5.76

As noted in the table above, the calendar year target for 2022 would be 6.47 serious injuries per 100 MVMT.

Target: Total number of non-motorized fatalities and serious injuries

2022 Target: To decrease the expected rise of non-motorized fatalities and serious injuries to not more than a five year average of 2,367 non-motorized fatalities and serious injuries in 2022. The 2022 Target expressed as a 5-year average would be as follows:

Year	Target or Actual Data	Source
2018	2,104	FARS-CRIS
2019	2,291	ARF-CRIS
2020	2,238	CRIS
2021	2,560	Target
2022	2,642	Target
2022 Target expressed as 5-year average		2,367

As noted in the table above, the calendar year target for 2022 would be 2,642 non-motorized fatalities and serious injuries.

Attachment 2 – Vision Zero Resolution Approved by the TPC in October 2020



Resolution

No. 2020-36

RESOLUTION SUPPORTING THE ELIMINATION OF REGIONAL TRAFFIC FATALITIES

Whereas, the safety of all roadway users is the most important consideration in transportation planning and engineering. The transportation projects and programs should not only improve mobility but also enhance safety.

Whereas, all traffic fatalities are preventative. The elimination of traffic fatalities is achievable and should be the primary focus of all transportation planning and implementation activities.

Whereas, our region’s transportation systems expand and mature the elimination of traffic fatalities will bring greater community well-being and prosperity because the social, emotional, and financial burdens associated with traffic fatalities will be removed.

Whereas, the existence and efforts of the Transportation Policy Council are to improve the quality of life for those who live in or pass through this region, and,

Whereas, the region suffered more than 600 traffic fatalities in 2019, and,

Whereas, the Transportation Policy Council finds that the continued loss of lives on the region’s streets and highways is unacceptable; and,

Whereas, the State of Texas, and local jurisdictions have adopted policies to eliminate traffic fatalities, and

NOW, THEREFORE, BE IT RESOLVED THAT THE TRANSPORTATION POLICY COUNCIL COMMITS TO SUPPORT TRANSPORTATION PROJECTS AND PROGRAMS TO ELIMINATE TRAFFIC FATALITIES IN THE REGION BY THE YEAR 2050.

Passed and approved, this 23rd day of October 2020, at a regularly called meeting of the Transportation Policy Council of the Houston–Galveston Transportation Management Area.

APPROVED:

DocuSigned by:

Hon. Kenneth Clark, Chairman
Transportation Policy Council

ATTEST:

DocuSigned by:

Hon. Tom Reid, Secretary
Transportation Policy Council