

Twin Cities Area Transportation Study
 Transportation Performance Measure Targets
Updated January 2024

Safety

Performance Measure	TwinCATS Baseline Data		Statewide Baseline Data		2022 State	2024 State
	2016-2020	2018-2022	2016-2020	2018-2022	Target	Target
Number of fatalities.	8.0	8.4	1028.2	1,061.6	1065.2	1,109.2
Fatalities per 100 million vehicle miles traveled (VMT).	0.778	0.820	1.051	1.099	1.098	1.152
Number of serious injuries.	49.6	51	5,673.2	5,681.8	5,733.2	5,785.0
Serious injuries per 100 million vehicle miles traveled (VMT).	4.885	5.029	5.778	5.863	5.892	5.999
Non-motorized fatalities & serious injuries.	7.2	6.6	762.8	734.0	791.6	710.8

*Safety Performance measures are based on a 5-year average

Travel Time Reliability

Performance Measure	2021 Baseline SWMPC *	2021 Baseline Statewide	2 yr. Targets – 2023 Statewide	4 yr. Targets – 2025 Statewide
Percentage of the person-miles traveled on the Interstate that are reliable.	100%	97.10%	80.00%	80.00%
Percentage of the person-miles traveled on the non-Interstate NHS that are reliable.	95.9%	94.40%	75.00%	75.00%
Truck Travel Time Reliability (TTTR) Index (interstate only)	1.12	1.31	1.60	1.60

*Due to the lack of Interstate in the NATS area, and difficulties in data collection, The reliability measures cover both the NATS & TwinCATS planning area

CMAQ Total Emission Reduction Targets for On-Road Mobile Source Emissions

Performance Measure	Baseline 2021 Statewide	2-yr. target – 2023 Statewide	4 yr. Target – 2025 Statewide
State Total Emission Reduction: PM2.5	1,527.49	595.00	1,191.00
State Total Emission Reduction: NOx	13,118.82	5,227.00	10,455.00
State Total Emission Reduction: VOC	5,246.55	2,295.00	4,590.00

Pavement Condition

Performance Measure	2021 Baseline TwinCATS	2021 Baseline Statewide	2 yr. Targets – 2023 Statewide	4 yr. Targets – 2025 Statewide
Percentage of pavement on the Interstate System in good condition.	53.8%	70.40%	59.20%	56.70%
Percentage of pavement on the Interstate System in poor condition.	7.9%	1.80%	5.00%	5.00%
Percentage of pavement on the non-Interstate National Highway System in good condition.	35.9%	41.60%	33.10%	33.10%
Percentage of pavement on the non-Interstate National Highway System in poor condition.	14.7%	8.90%	10.00%	10.00%

Bridge Condition

Performance Measure	2021 Baseline TwinCATS	2021 Baseline Statewide	2 yr. Targets – 2023 Statewide	4 yr. Targets – 2025 Statewide
Percentage of National Highway System (NHS) bridge deck area in good condition.	3%	70.40%	59.20%	56.70%
Percentage of National Highway System (NHS) bridge deck area in poor condition.	1%	1.80%	5.00%	5.00%

Transit State of Good Repair – Twin Cities Area Transportation Authority

Performance Measure	Asset	Base Data - 2018	Target - 2020
Rolling stock in a state of good repair	25 Cutaway Buses	0%	0%
	1 Passenger Van	0%	0%
Non-Revenue Vehicles in a state of good repair	2 Staff Cars	100%	0%
	1 Wrecker	100%	0%
Facilities in a state of good repair	Administration Building	0%	0%

Transit Safety – Twin Cities Area Transportation Authority

Service Mode	Fatalities	Fatalities per 100K VRM	Injuries	Injuries per 100K VRM	Safety Events	Safety Events per 100K VRM	System Reliability VRM/Failures
Demand Response	0	0	1	.3	9	2,74	54,600
Fixed Route	0	0	0	0	6	2.9	20,000

From the Twin Cities Area Transportation Authority Safety Plan Published on July 9, 2021