

DURHAM • CHAPEL HILL • CARRBORO

DCHC

METROPOLITAN PLANNING ORGANIZATION

PLANNING TOMORROW'S TRANSPORTATION

Public Transportation Agency Safety Plan (PTASP)

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- Background of federal Transportation Performance Measures (TPMs)
- New TPM --
Public Transit Agency Safety Plan (PTASP)
- Board action

Transportation Performance Measures (TPMs)

- ▶ Required by FAST ACT (federal transportation legislation)
- ▶ Must be integrated into the MTP
 - - Any MTP update or amendment after 7/20/21 for PTASP
- ▶ MTP and TIP must describe how MTP and TIP will contribute to achieving targets
- ▶ At this point, no known consequences for MPO if targets not achieved.

Since 2018, MPO has adopted (by resolution) four TPMs:

- A. Transit Asset Management plan (TAM) and State of Good Repair (SGR) targets
- B. Infrastructure -- pavement and bridge condition
- C. System Performance – travel time reliability
- D. Highway Safety – fatality and serious injury to motorists and pedestrians (updated in January 2019)

- ▶ PTASP final rule – July 19, 2018
- ▶ Transit systems that receive urbanized area formula grants must develop and implement safety management system (SMS)
- ▶ MPOs required to set targets for each performance measure
- ▶ MPOs required to reflect measures and targets in updated or amended MTPs and TIPs

* MPO must meet requirements by July 20, 2021.

Public Transportation Agency Safety Plan (PTASP)

Transit Safety Targets for DCHC MPO				Adopted by resolution on June 9, 2021.			
Transit System	Fatalities:		Injuries:		Events:		Mechanical Failures:
	Total	Rate	Total	Rate	Total	Rate	Distance
Chapel Hill Transit - Fixed Route	0	0	0	0	0	0	25,000
Chapel Hill Transit - Non Fixed Route	0	0	0	0	2.34	0.6	35,000
GoDurham - Fixed Route	0	0	11	0.3	46	7.2	20,551
GoDurham - Non Fixed Route	0	0	0	0	1	0.05	50,000
GoTriangle - Fixed Route	0	0	3	0.125	3	0.125	26,856
GoTriangle - Non Fixed Route	0	0	3	0.125	3	0.125	104,897
Orange Public Transportation - Fixed Route	0	0	1	0.238	1.5	1.5	25,000
Orange Public Transportation - Non Fixed Route	0	0	1	0.238	1.5	1.5	25,000

Notes:
 Total is per year.
 Rate is per 100,000 vehicle revenue miles.
 Distance is mean miles between major mechanical failures.
 Events are reportable fatalities, injuries, evacuations, collisions, and incidents.

- ▶ TC recommendation -- Adopt the PTASP resolution that states the DCHC MPO:
 - supports the targets, and agrees to plan and program projects that contribute toward accomplishment of the agency's targets; and
 - amends the 2045 MTP to include the PTASP measures and targets.