



Charles D. Baker, Governor
 Karyn E. Polito, Lieutenant Governor
 Stephanie Pollack, MassDOT Secretary & CEO
 Astrid Glynn, MassDOT Rail & Transit Administrator



MassDOT Community Transit Grant Program

State Fiscal Year 2017

Section 5310 and MAP Vehicle Reporting Measures

Updated November 12, 2015

Measures	Reporting frequency
<i>Name of Operator of Vehicle(s)</i>	
<i>Reporting period</i>	<i>Start date and end date of month</i>
<i>VIN number per vehicle</i>	
Odometer reading per vehicle (VIN) at the end of reporting period	Monthly data reported quarterly
Ridership (unlinked passenger trip / UPT) per vehicle <ul style="list-style-type: none"> Elderly (age as defined by FTA) Persons with disabilities by any age General public 	Monthly data reported quarterly
Total* vehicle revenue mile	Monthly data reported quarterly
Total* vehicle revenue hour	Monthly data reported quarterly
Total* fare revenue	Monthly data reported quarterly
# of road calls for mechanical failures	Monthly data reported quarterly

*Total means that these measures have to be reported for all Sec. 5310/MAP vehicles that an Operator runs. (E.g. if an Operator runs 2 Sec.5310/MAP vehicles, the vehicle revenue mile reported has to be the summation of VRMs over both vehicles).

Measures for reporting purposes are defined by the National Transit Database. "Road call for mechanical failure" is defined by the Memorandum of Understanding (MOU) between MassDOT and the RTAs.

Unlinked Passenger Trips (UPT)

The number of passengers who board public transportation vehicles. Passengers are counted each time they board vehicles no matter how many vehicles they use to travel from their origin to their destination.

Vehicle Revenue Miles (VRM)

The miles that vehicles are scheduled to or actually travel while in revenue service.

Vehicle revenue miles include:

- Layover / recovery time.

Vehicle revenue miles exclude:

- Deadhead;
- Operator training;
- Vehicle maintenance testing; and
- School bus and charter services.

Vehicle Revenue Hours (VRH)

The hours that vehicles are scheduled to or actually travel while in revenue service.

Vehicle revenue hours include:

- Layover / recovery time.

Vehicle revenue hours exclude:

- Deadhead;
- Operator training;
- Vehicle maintenance testing; and
- School bus and charter services.

Fare Revenues

All income received directly from passengers, paid either in cash or through pre-paid tickets, passes, etc. It includes donations from those passengers who donate money on the vehicle. It includes the reduced fares paid by passengers in a user-side subsidy arrangement.

Road call for mechanical failure

A road call occurs when a maintenance vehicle is required to tow or assist a revenue vehicle while it is in service because the resulting mechanical failure prevents the revenue vehicles from completing a scheduled revenue trip or from starting the next scheduled revenue trip because actual movement is limited or because of safety concerns. This should be listed as a whole number for number of miles between road calls: e.g. 125,324.