

# PM2 & PM3 Measures

**Pavement & Bridge Condition (PM2) Measures**

**System Performance (PM3) Measures**

*(TTAC Meeting February 8<sup>th</sup>, 2023)*

# PM2 & PM3 Measures

## Today's Discussion

- The Federal Highway Administration requires MPO's to use performance measures to work towards specific goals and targets.
- Periodic updates are required
- Review Pavement & Bridge Condition (PM2) & System Performance (PM3) measures that have been updated by NRPC staff
- Recommend adoption of updated measures by the NRPC MPO



# PM2 Measures

## Pavement & Bridge Condition (PM2)

- NRPC monitors the following PM2 measures:
  - Percentage of pavements on the non-Interstate National Highway System in Good condition;
  - Percentage of pavements on the non-Interstate National Highway System in Poor condition;
  - Percentage of National Highway System bridges classified as in Good condition; and,
  - Percentage of National Highway System bridges classified as in Poor condition.

# PM2 Measures

## Non-Interstate Pavement Condition - NHDOT

	2016		2017		2020	
	Miles	Percentage	Miles	Percentage	Miles	Percentage
Good	472	27%	372	22%	898	44%
Fair	1225	71%	1331	78%	1098	54%
Poor	25	1%	13	1%	38	2%
Total	1722		1716		2034	

## Non-Interstate Pavement Condition - NRPC

	2016		2017		2020		2021	
	Miles	Percentage	Miles	Percentage	Miles	Percentage	Miles	Percentage
Good	74	33%	136	50%	107	36%	117	40%
Fair	140	63%	124	46%	179	60%	169	57%
Poor	8	4%	12	4%	10	3%	9	3%
Total	222		272		296		295	

# PM2 Measures

## PM2 Bridge Conditions - NHDOT

	2018		2019		2020		2021		2022	
	Sq Ft	Percentage	Sq Ft	Percentage	Sq Ft	Percentage	Sq Ft	Percentage	Sq Ft	Percentage
Good	631927	56%	664925	58%	662472	58%	658752	57%	650078	56%
Fair	404980	36%	404075	35%	409498	36%	421946	36%	433948	37%
Poor	93318	8%	79375	7%	78378	7%	76698	7%	75142	6%
Total	1130225		1148375		1150349		1157396		1159168	

## PM2 Bridge Conditions - NRPC

	2018		2019		2020		2021		2022	
	Sq Ft	Percentage	Sq Ft	Percentage	Sq Ft	Percentage	Sq Ft	Percentage	Sq Ft	Percentage
Good	49952	85%	47771	81%	47771	81%	46099	76%	44055	73%
Fair	8151	14%	10333	18%	10369	18%	13503	22%	15542	26%
Poor	791	1%	791	1%	805	1%	805	1%	805	1%
Total	58894		58894		58945		60407		60402	



# PM3 Measures

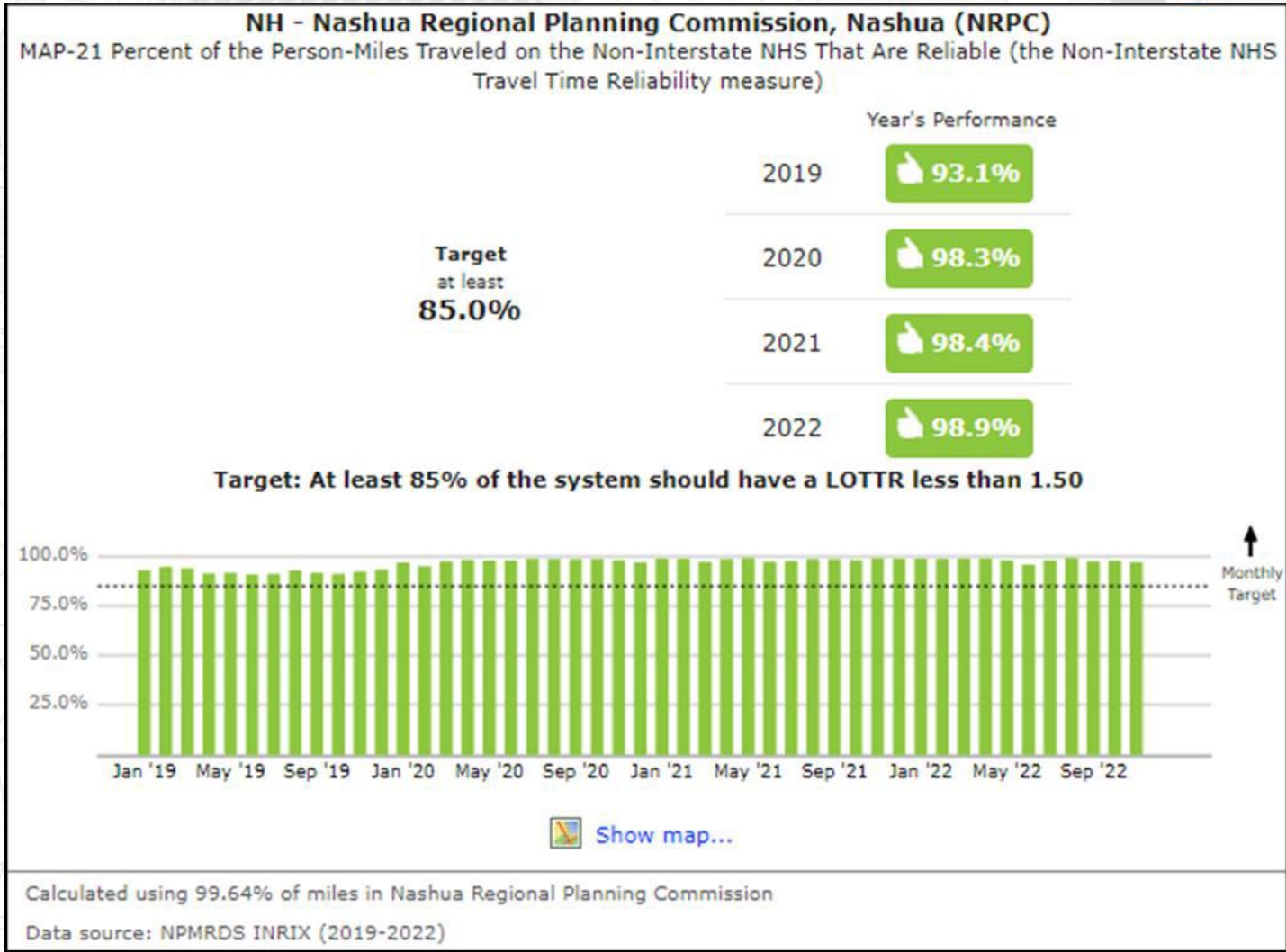
## System Performance (PM3)

- NRPC monitors Travel Time Reliability
  - The consistency or dependability in travel times, as measured from day-to-day and/or across different times of the day.
  - Measures the extent of this unexpected delay
  - It is not a measure of recurring delay (i.e. morning rush hour)
- **Nashua MPO Policy Committee has adopted the statewide 85% target for travel time reliability**

# PM3 Measures



# PM3 Measures





# PM2 & PM3 Measures

## Questions & Discussion

