



Massachusetts NHS Condition
2024 Mid - Performance Period update

Agenda



Background on PM2
Performance
Measures



Statewide Bridge



Statewide Pavement

Bridge and Pavement Measures

PM2 Measures

Pavement

- % Interstate Pavement in Good Condition, % Interstate Pavement in Poor Condition
- % Non-Interstate NHS Pavement in Good Condition, % Non-Interstate NHS Pavement in Poor Condition

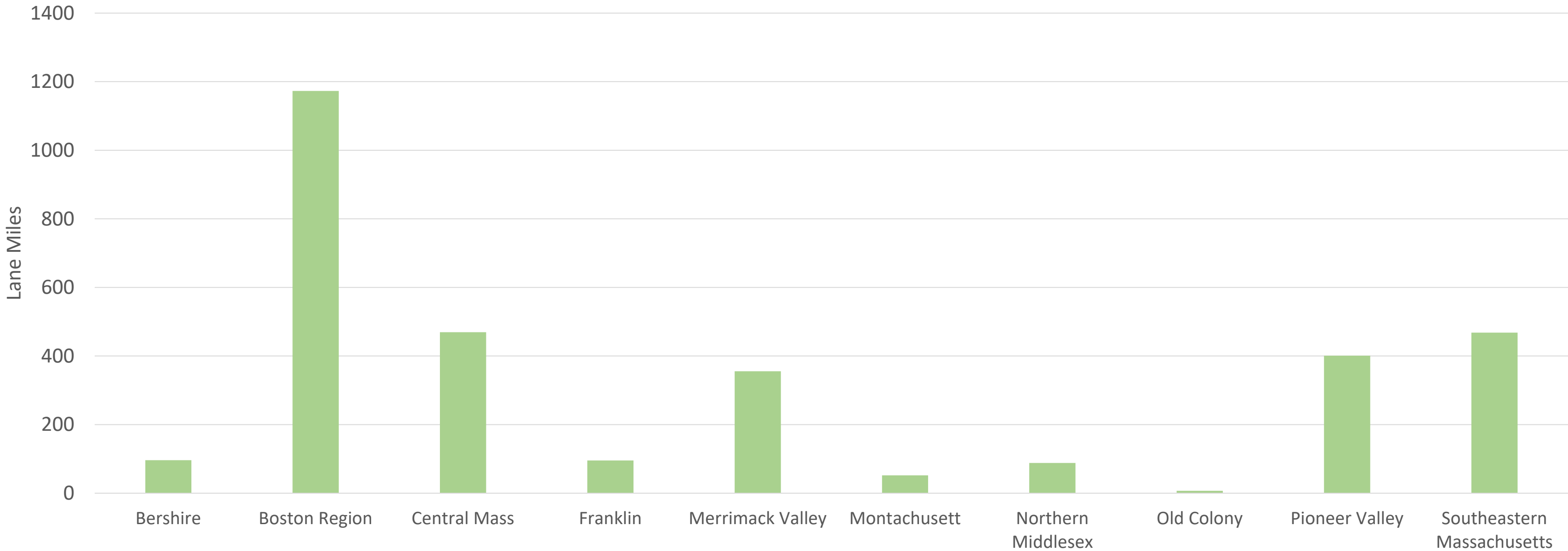
Bridge

- % NHS Bridge Area in Good Condition
- % NHS Bridge Area in Poor Condition

We are currently in the middle of the second (2022-2026) performance period

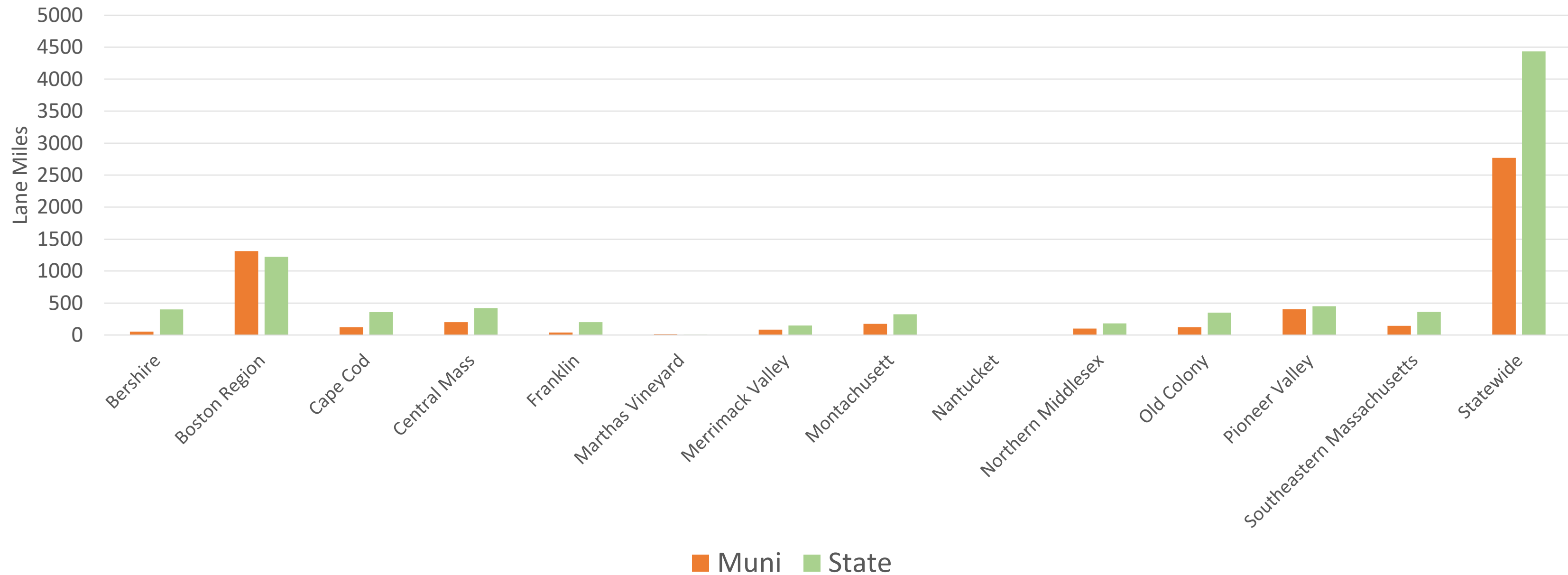
Regional Distribution of Interstates

Massachusetts Interstate Pavement - Distribution by Region



Regional Distribution of Non-Interstate NHS

Massachusetts Non-Interstate NHS Pavement - Distribution by Region & Owner



Pavement Performance to-date

Measure	Desired Trend	Period 1				Period 2			
		2019		2021		2023		2025	
		Target	Actual	Target	Actual	Target	Actual	Target	Actual
Percent of Interstate in Good Condition	Up	NA	72.3	70	71.8	70	67.3	70	TBD
Percent of Interstate in Poor Condition	Down	NA	0	4	0	2	2	2	TBD
Percent of non-Interstate NHS in Good Condition ₁	Up	30	35.4	30	41.5	30	28.6	30	TBD
Percent of non-Interstate NHS in Poor Condition ₁	Down	30	30.9	30	24.8	5	6.9	5	TBD

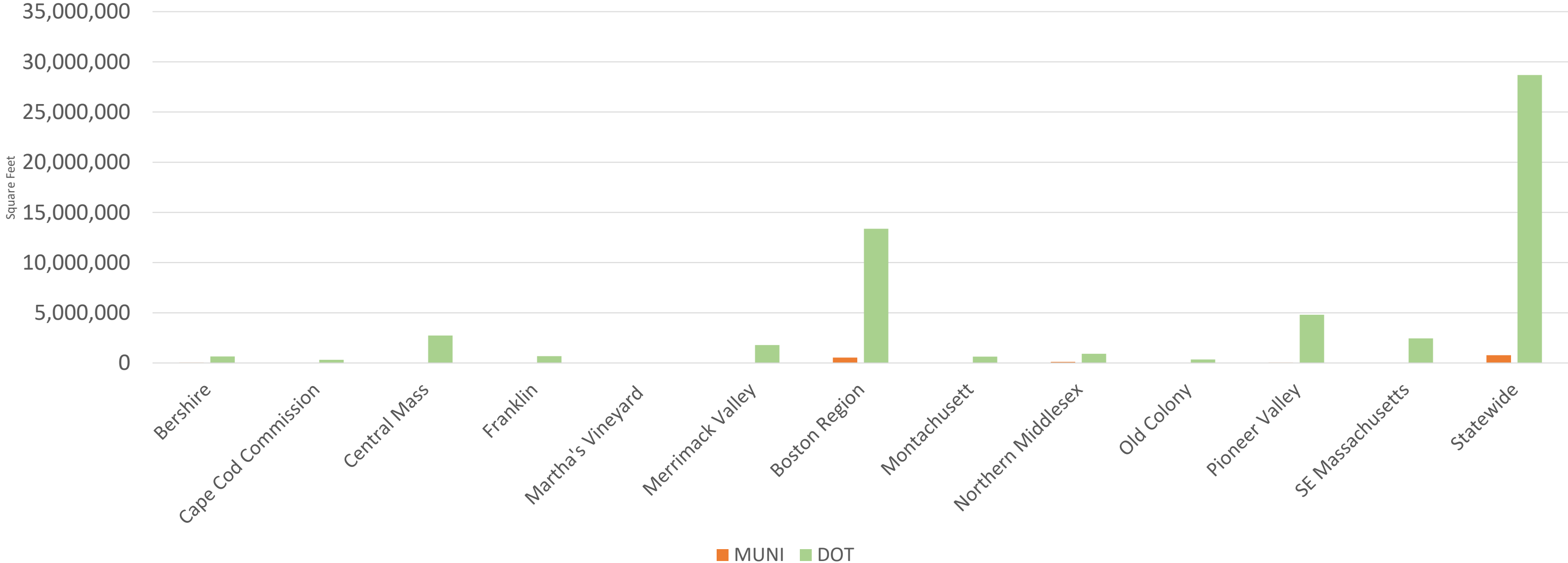
Mid term actual results lagged targets. We believe rising construction costs are diminishing returns from program investment and are evaluating program size will focus on controlling scope of planned projects

Note:

1. Period 1 non interstate NHS pavement condition IRI, subsequent data in full distress and not comparable

Regional Distribution of NHS Bridges

Massachusetts NHS Bridges - Distribution by Region & Owner



Bridge Performance to-date

Measure	Desired Trend	Period 1				Period 2			
		2019		2021		2023		2025	
		Target	Actual	Target	Actual	Target	Actual	Target	Actual
Percent of NHS Bridges by Deck Area in Good Condition	Up	15%	15.6%	16%	16.0	16	15.7	16	TBD
Percent of NHS Bridges by Deck Area in Poor Condition	Down	13%	13.5%	12%	12.2	12	12.5	12	TBD

Condition returns are not yet showing increased investment from BIL, MassDOT expects investment to manifest in next performance period through reductions in poor % due to completion of replacement projects. Increased preservation will likely show in subsequent periods.