

2021 Pavement/Bridge and System Performance Targets

PM-2 Pavement and Bridge Condition

Pavement and Bridge Performance Measures

- Percent Interstate pavements in Good condition,
- Percent Interstate pavements in Poor condition,
- Percent non-Interstate NHS pavements in Good condition,
- Percent non-Interstate NHS pavements in Poor condition,
- Percent NHS bridge deck area in Good condition,
- Percent NHS bridge deck area Poor condition.

Applicability and Performance

- MPO elected to support PennDOT targets
- Statewide performance has exceeded targets for first 2-year period
- No changes to PM-2 targets proposed

PM-3, Reliability and Mobile Source Emissions

Reliability and Mobile Source Emissions Measures

- Percent reliable person-miles traveled on Interstate System,
- Percent reliable person-miles traveled on non-Interstate NHS,
- Reliability index for Interstate truck travel time,
- Annual hours of peak-hour excessive delay per capita (PHED),
- Percent of non-single occupant vehicle travel (Non-SOV),
- On-road mobile source emissions reduction for CMAQ-funded projects.

Applicability

- Traffic congestion and emissions measures
- CMAQ Performance Plan requirement for Lancaster MPO
- Tied to inclusion in Phila. Metro area
- Coordination with PennDOT and DVRPC in target-setting

Performance

- PHED and Non-SOV targets were exceeded
- Joint determination to maintain original targets for those measures
- Lancaster County exceeded reduction targets for NOX and PM_{2.5}
- County significantly underperformed on VOC target

Target Updates

- PennDOT and MPO coordinated on revised VOC target
- Proposed target linked to CMAQ funded TIP projects and expected benefits
- Original target = 3.600 kg/day
- New target = 0.400 kg/day