



*Baltimore Regional Transportation Board*

# **TPM: CMAQ Mid Performance Period Report**

*Technical Committee  
November 10, 2020*



# CMAQ Performance Plan Requirements

- **CMAQ Performance Plans and Biennial Updates are required for MPOs in areas that:**
  - Are over 1 million in population, and
  - Are a nonattainment or maintenance area
- **MPOs must report:**
  - 2 and 4-year targets
  - Describe a plan to meet the targets
  - Detail progress in achieving the targets
  - Where or not they are changing their targets for emission reductions

# CMAQ Transportation Performance Measures

CMAQ Performance Measures	Geographic Area	Target
Annual hours of peak-hour excessive delay per capita	Urbanized Area	Joint MPO/State
Percent Non-SOV Travel	Urbanized Area	Joint MPO/State
Emission Reduction - Reduction of VOC (kg/day) - Reduction of Nox (kg/day)	MPO Region	MPO (mirrors MDOT target)

# CMAQ TPM Defined: Emission Reduction Measure

- **Target Definition:**
  - Two and four year targets for NOx and VOC emission reductions achieved from CMAQ-funded transportation projects.
  - CMAQ: Congestion Mitigation and Air Quality Improvement Program
- **Target Adopted by BRTB in June 2018:**

## Baltimore Region

Performance Measure	2-Year Targets (2018-2019)	4-Year Targets (2018-2021)
Reduction of VOC (kg/day)	6.589	7.874
Reduction of NOx (kg/day)	88.571	123.390

# CMAQ TPM Progress: Emission Reduction Measure (NOx)

## Baltimore Region

Reduction of NOx (kg/day)	Baseline	Performance	Target
4-Year Baseline	139.478		
2-Year Targets (2018-2019)		198.25	88.571
4-Year Targets (2018-2021)		TBD	123.390

- Projects conducted in the Baltimore region with CMAQ funding have been successful at reducing NOx emissions in the past two years. As shown in the table above, the funded projects have outperformed the 2 year targets.

# CMAQ TPM Progress: Emission Reduction Measure (VOC)

## Baltimore Region

Reduction of VOC (kg/day)	Baseline	Performance	Target
4-Year Baseline	12.825		
2-Year Targets (2018-2019)		118.38	6.589
4-Year Targets (2018-2021)		TBD	7.874

- Projects conducted in the Baltimore region with CMAQ funding have been successful at reducing VOC emissions in the past two years. As shown in the table above, the funded projects have outperformed the 2 year targets.

# Next Steps

- The MPO Mid Performance Period Report was included in the State's report to FHWA in October 2020.
- Report indicated no changes in the emission reduction targets were desired.
- MPO has 180 days after Oct. 1, 2020 to change the target (emission measure only) if they wish.
- Full performance period report due Oct. 1, 2022

# For More Information

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