

PERFORMANCE BASED PLANNING & PROGRAMMING

CMAQ Program Measures: Updated Draft Targets for 2022–2025

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TPB Technical Committee
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Contents of Presentation

- CMAQ Program Performance Measures
 - Traffic Congestion: Peak Hour Excessive Delay
 - Traffic Congestion: Mode Share (non-SOV)
 - On road Emissions Reduction
 - CMAQ Program Performance Targets for Approval
- ❖ These performance measures and draft targets were briefed to the board at its May 18 meeting

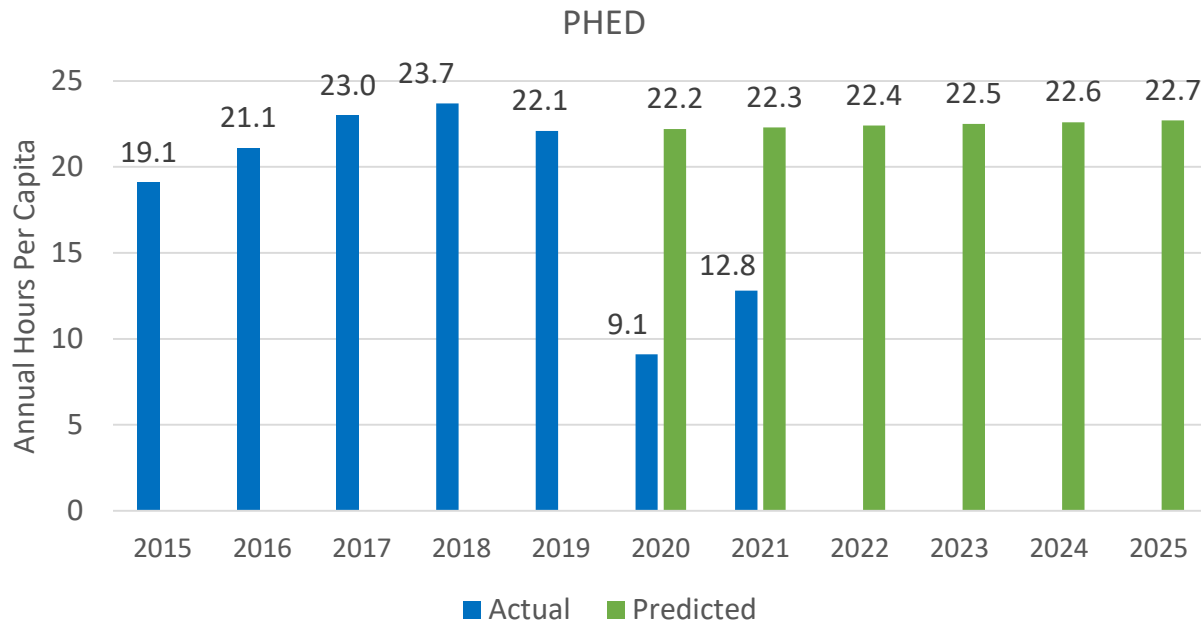


CMAQ Program: Performance Measures

| | Performance Measures |
|--|--|
| CMAQ Program: Traffic Congestion | Peak Hour Excessive Delay (PHED) – Annual hours of peak hour excessive delay per capita |
| | Mode Share - Percent of Non-SOV Travel on the National Highway System (NHS) |
| CMAQ Program: Emissions Reduction | Emissions - CMAQ-funded projects on-road mobile source total emission reductions for each applicable criteria pollutant and precursor |



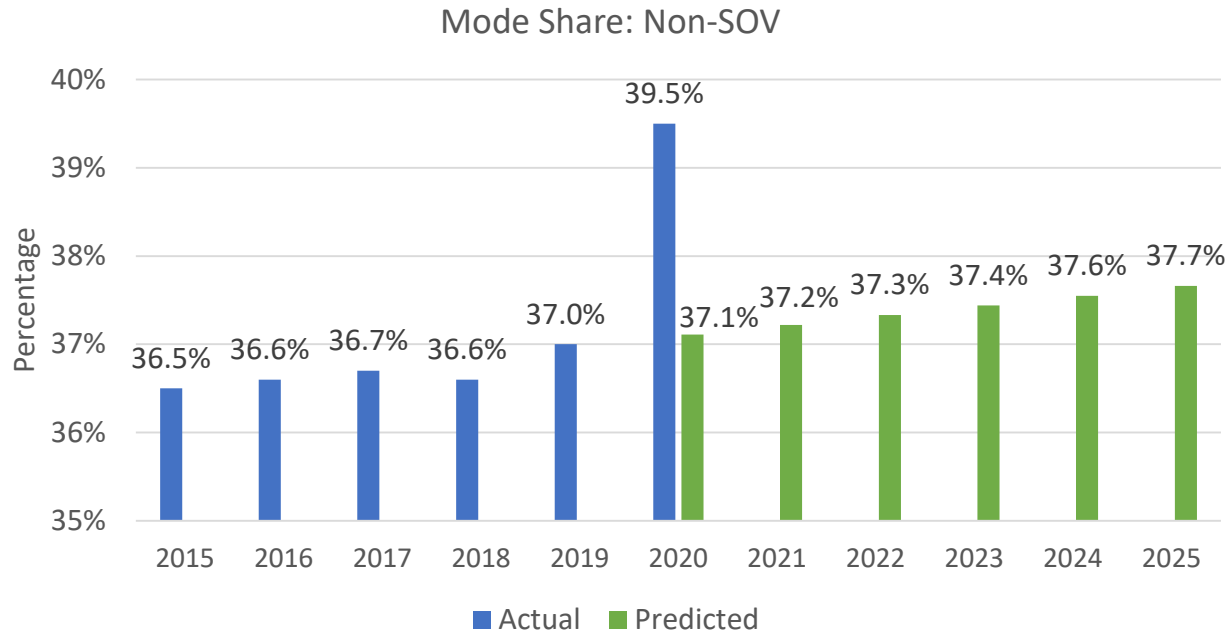
2022-2025 Draft PHED Graph and Target



| DRAFT | CY 2022 – 2023 Two Year Target | CY 2022 – 2025 Four Year Target |
|---|---|--|
| Peak Hour Excessive Delay (PHED) | 22.5 Hours | 22.7 Hours |



2022-2025 Draft Mode Share Graph and Target



| DRAFT | CY 2022 – 2023 Two Year Target | CY 2022 – 2025 Four Year Target |
|-----------------------------|---|--|
| Mode Share (Non-SOV) | 37.4% | 37.7% |



2022-2025 **Draft** Emissions Reduction Targets

Factors in 2022-2025 CMAQ Emission Reduction forecasting and target-setting

- Maryland and Virginia CMAQ Projects already selected through 2026, though not all have quantitative emissions calculated
- DC's CMAQ projects are still in development
- Draft targets based on forecast reductions or average of past annual reductions

| DRAFT | FFY 2022 - 2023 Two Year Target | FFY 2022 - 2025 Four Year Target |
|-----------------------------------|--|---|
| Volatile Organic Compounds (VOCs) | 0.610 Kg/Day | 9.408 Kg/Day |
| Nitrogen Oxides (NOx) | 2.830 Kg/Day | 21.117 Kg/Day |



Next Steps

- TPB is scheduled to adopt the CMAQ traffic congestion and emissions reductions targets at the June 15 meeting
 - Transmit approved targets to State DOTs and adjoining MPOs
- TPB Steering Committee approval of BRTB MPO targets for Baltimore urban area
- TPB staff will complete the MPO CMAQ Performance Plans (2018-2021, 2022-2025) and submit to State DOTs by September
 - State DOTs submit targets and MPO Performance Plans to FHWA by October 1, 2022



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