

# CMAQ Program

Traffic Congestion and On-Road Mobile Source  
Emissions Targets



# Measures

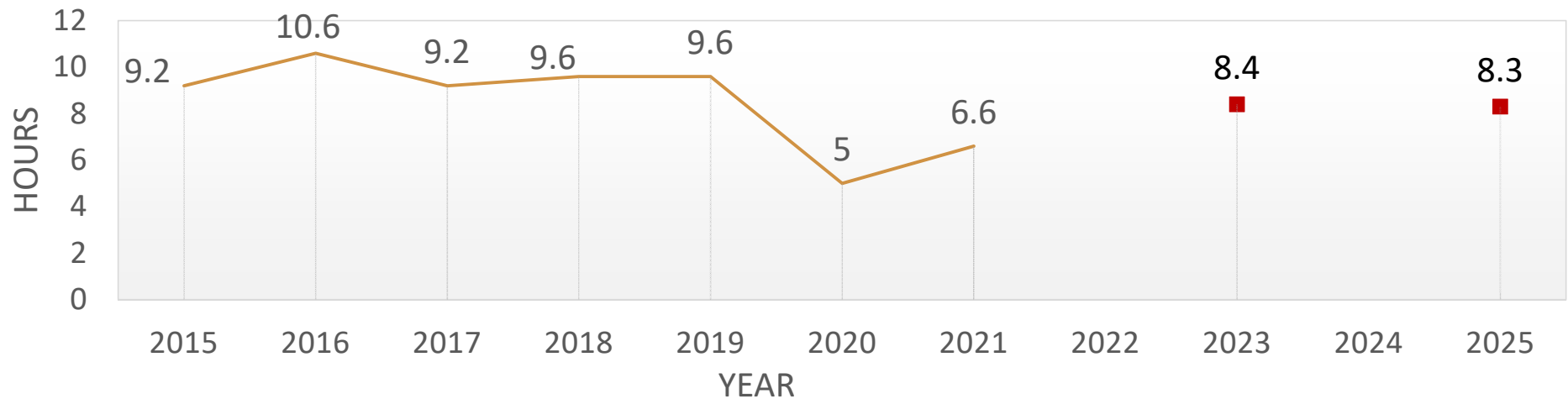
## **Traffic Congestion Measures**

- (1) annual hours of Peak Hour Excessive Delay per capita (PHED)
- (2) % non-single occupancy vehicle travel (Non-SOV)

## **On-Road Mobile Source Emissions Measure**

- (1) Emissions Reduction
  - i. Nitrogen Oxides (NO<sub>x</sub>)
  - ii. Volatile Organic Compounds (VOC)

# Peak Hour Excessive Delay (PHED) Targets



## Targets

**2-year (2023): 8.4 hours**

**4-year (2025): 8.3 hours**

## Methodology

Used a hybrid approach studying pre-pandemic trends and late 2021 monthly PHED data

# Percent Non-SOV Travel Targets



## Targets

**2-year (2023): 18.0%**

**4-year (2025): 18.2%**

## Methodology

Used a hybrid approach studying pre-pandemic trends and increase in teleworking

# Emissions Reduction Targets

Total Emissions Reduction Target				
Total Emissions Reduction Measure	2- and 4- year Total Emission Reductions for each applicable criteria pollutant and precursor for all projects funded with CMAQ funds			
	FFY 2018-2021 Baseline (kg/day)	FFY 2022-2025 CMAQ Program Totals (kg/day)	<b>2-year Target</b> (kg/day)	<b>4-year Target</b> (kg/day)
Nitrogen Oxides (NOx)	190	143.483	<b>9.671</b>	<b>143.483</b>
Volatile Organic Compounds (VOC)	22.3	8.673	<b>3.308</b>	<b>8.673</b>