

CMAQ Program

Traffic Congestion and On-Road Mobile Source
Emissions Targets



Measures

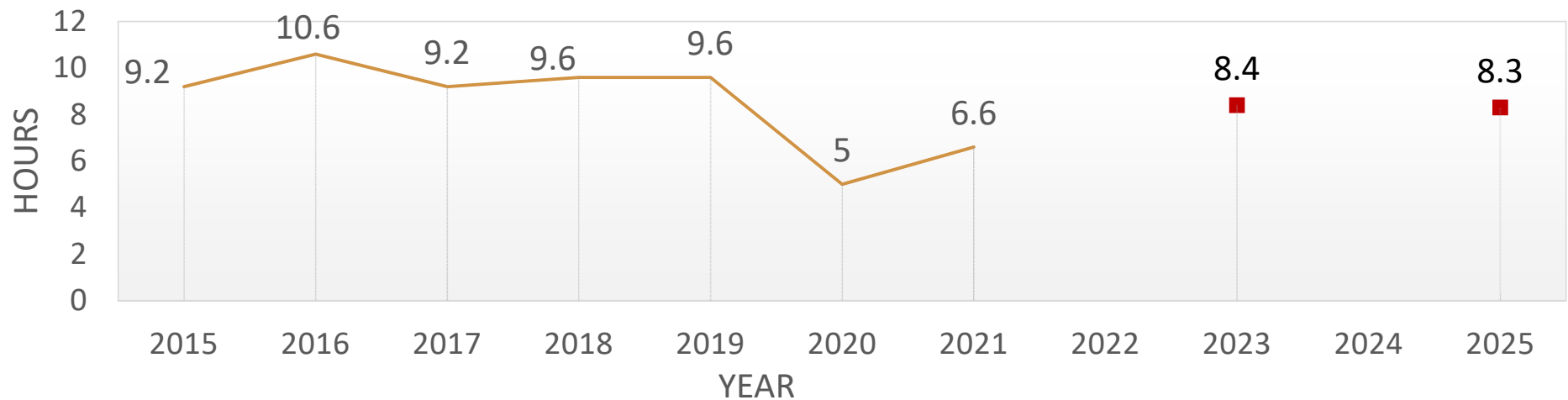
Traffic Congestion Measures

- (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_x)
 - 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	FFY 2018-2021	FFY 2022-2025	
	Achieved Emissions Reduction (kg/day)	2-year Target (kg/day)	4-year Target (kg/day)
Nitrogen Oxides (NOx)	190	9.671	143.483
Volatile Organic Compounds (VOC)	22.3	3.308	8.673

