

# Transportation Conformity Update

## Update Topics:

- 2008 Ozone NAAQS Bump Up to Serious Non-attainment
- 2015 Ozone NAAQS Status
- PM 2.5 Status

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## Reclassification of the Chicago Region's Nonattainment area from Moderate to Serious under the 2008 Ozone NAAQs

- CMAP has provided US EPA, LADCO, and IL EPA with put data (vehicle population, VMT, average speed, etc).
  - CMAP data will be used to help develop the Motor Vehicle Emission Budget (MVEB) that the region uses in conformity determinations.
  - Onroad mobile sources is one of the larger segments from which emission reductions will be examined.
- Need to demonstrate attainment by 2021 (which is based on the 2018-2020 Ozone seasons)
  - The next “bump up” would need to demonstrate attainment by 2023

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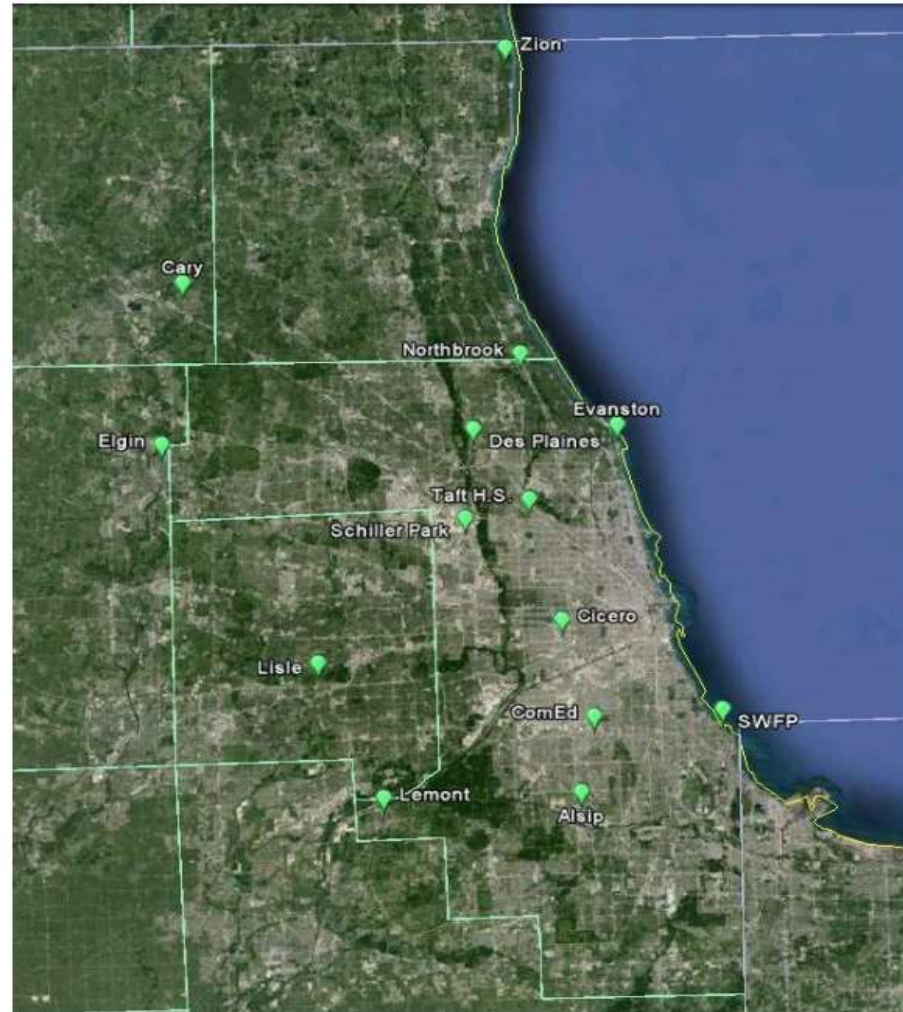
## Status of the Chicago Region's Nonattainment Area under the 2015 Ozone NAAQS

- The only change in the nonattainment area in Illinois between the 2008 and the 2015 Ozone NAAQS was that McHenry County was classified as being in attainment of the 2015 Ozone NAAQS.
  - A lawsuit was filed in the DC Circuit (Clean Wisconsin, et al., v. USEPA, case No 18-1203)
  - The lawsuit challenged the process by which the US EPA made a variety of attainment designations including classifying McHenry County as being in attainment (Chicago Tribune article 5/28/19)
  - State Implementation Plan (SIP) is due by 2021

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## Ozone Monitor locations in NEIL

County	City	Address	Site
Cook	Alsip	4500 W. 123rd St.	Village Garage
Cook	Chicago	3300 E. Cheltenham Pl.	South Water Filtration Plant
Cook	Chicago	7801 Lawndale	Com Ed Maintenance Building Trailer
Cook	Chicago	6545 W. Hurlbut St.	Taft High School
Cook	Lemont	729 Houston	Lemont Trailer
Cook	Schiller Park	4743 Mannheim Rd.	Shiller Park Trailer
Cook	Cicero	1820 S. 51st Ave	Cicero Trailer
Cook	DesPlaines	9511 W. Harrison St	Regional Office Building
Cook	Northbrook	750 Dundee Rd	Northbrook Water Plant
Cook	Evanston	531 E. Lincoln	Evanston Water Plant
DuPage	Lisle	Rt 53	Morton Arbotretum
Kane	Elgin	665 Dundee Rd	Larsen Jr. High
Lake	Zion	Illinois State Beach Park	Zion Trailer
McHenry	Cary	First St. & Three Oaks Rd	Cary Grove High School
Will	Braidwood	36400 S. Essex Rd.	Com Ed Training Center Trailer



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## Modeling versus monitor data

- Through modeling the region routinely demonstrates that it will be able to meet the current NAAQS within the required time frame yet monitoring data often shows that that is in fact not the case.
- Reasons why modeling and monitors differ:
  - Performance of cars and trucks differ in the real world versus the simulated environment.
  - Car and truck fleet characteristics that are modeled versus what is actually on the road.
  - Weather, temperature and humidity are highly variable versus what is modeled.
  - Ozone Transportation
  - Other

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## PM 2.5

- The region is in attainment of all PM 2.5 NAAQS (1997, 2006, 2012)
  - The region had been in Maintenance for the 1997 PM 2.5 NAAQS
  - As part of the Maintenance plan “Hot Spot” analysis under specific circumstances for PM 2.5 would have been required.
  - As of October 24, 2016 the region no longer was no longer required to due transportation conformity for PM 2.5.
    - Coincided the region no longer receiving a PM 2.5 set-aside for CMAQ (Total CMAQ funding was unchanged)
    - PM 2.5 “Hot Spot” analysis no longer required

# Thank You

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