



# Connecticut Department of Energy and Environmental Protection



# Interstate Transport- UPDATE

*CAA section 126(b) and more*

April 12, 2018

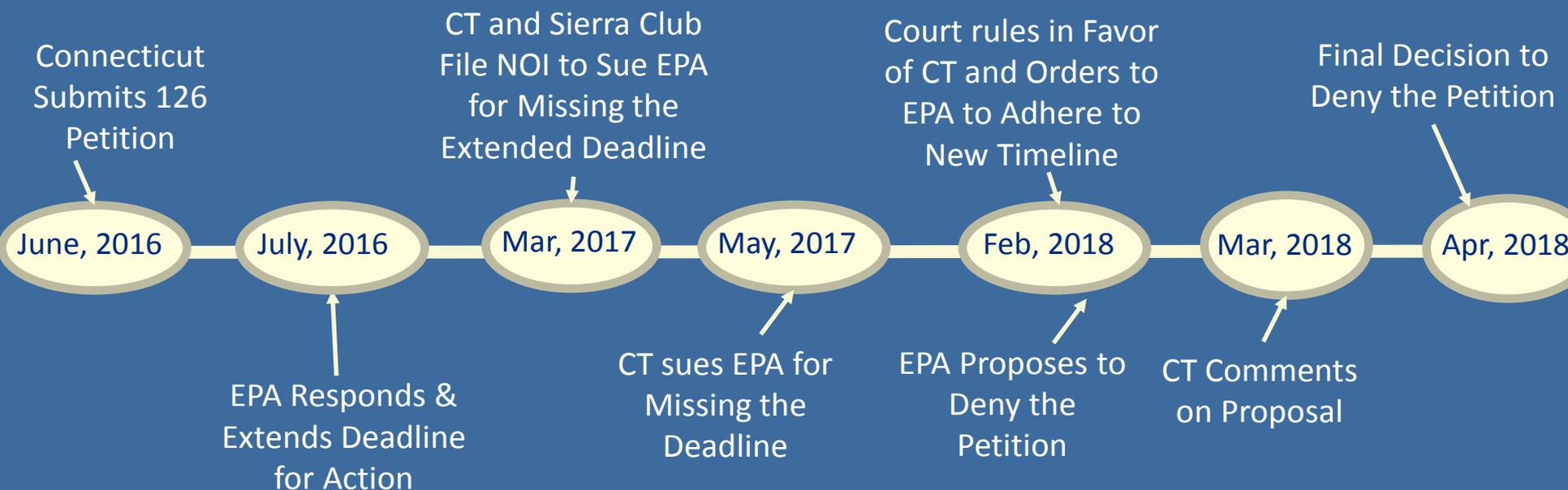
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SIPRAC



Connecticut Department of Energy and Environmental Protection

# CAA section 126(b) Petition



*Note: Explanatory text in the timeline above links to the document referenced.*



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# Transport Rules

**Purpose- Federal “backstop” for implementing the “Good Neighbor” provisions of the Clean Air Act when a state fails to submit a SIP or the SIP is inadequate**

History:

- NOx Budget Trading Program
- CAIR
- CSAPR
- CSAPR Update

**The results are in!  
What was the  
impact...**

The Update:

- CSAPR Update implementation resulted in significant emissions reductions.
- Further progress is needed to attain the 2008 standard.
- No indication at this point that a full remedy for 2008 will occur or what if any rules will be implemented for the 2015 standard.

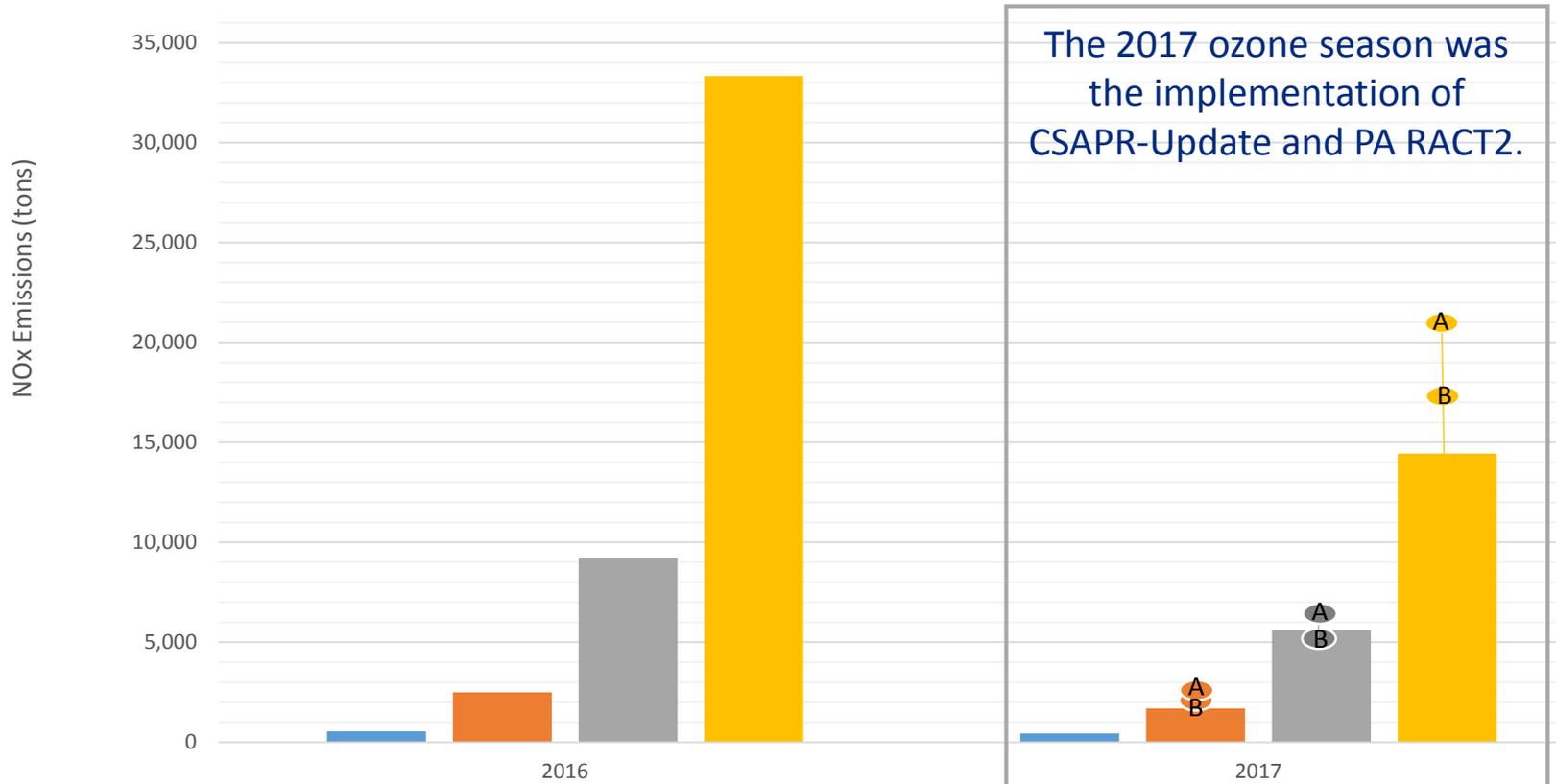


# Electric Generation Emissions

## Ozone Season NOx Emissions from Electric Generating Sector

Emissions: CT NJ NY PA Assurance Level Budget

Reductions from 3 largest contributing states were achieved and substantial.  
But again, far from done.



The 2017 ozone season was the implementation of CSAPR-Update and PA RACT2.

Note Connecticut is displayed for comparison purposes, Connecticut was not included in CSAPR Update.



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Sources: <https://ampd.epa.gov/ampd/>

<https://www.epa.gov/airmarkets/final-cross-state-air-pollution-rule-update>

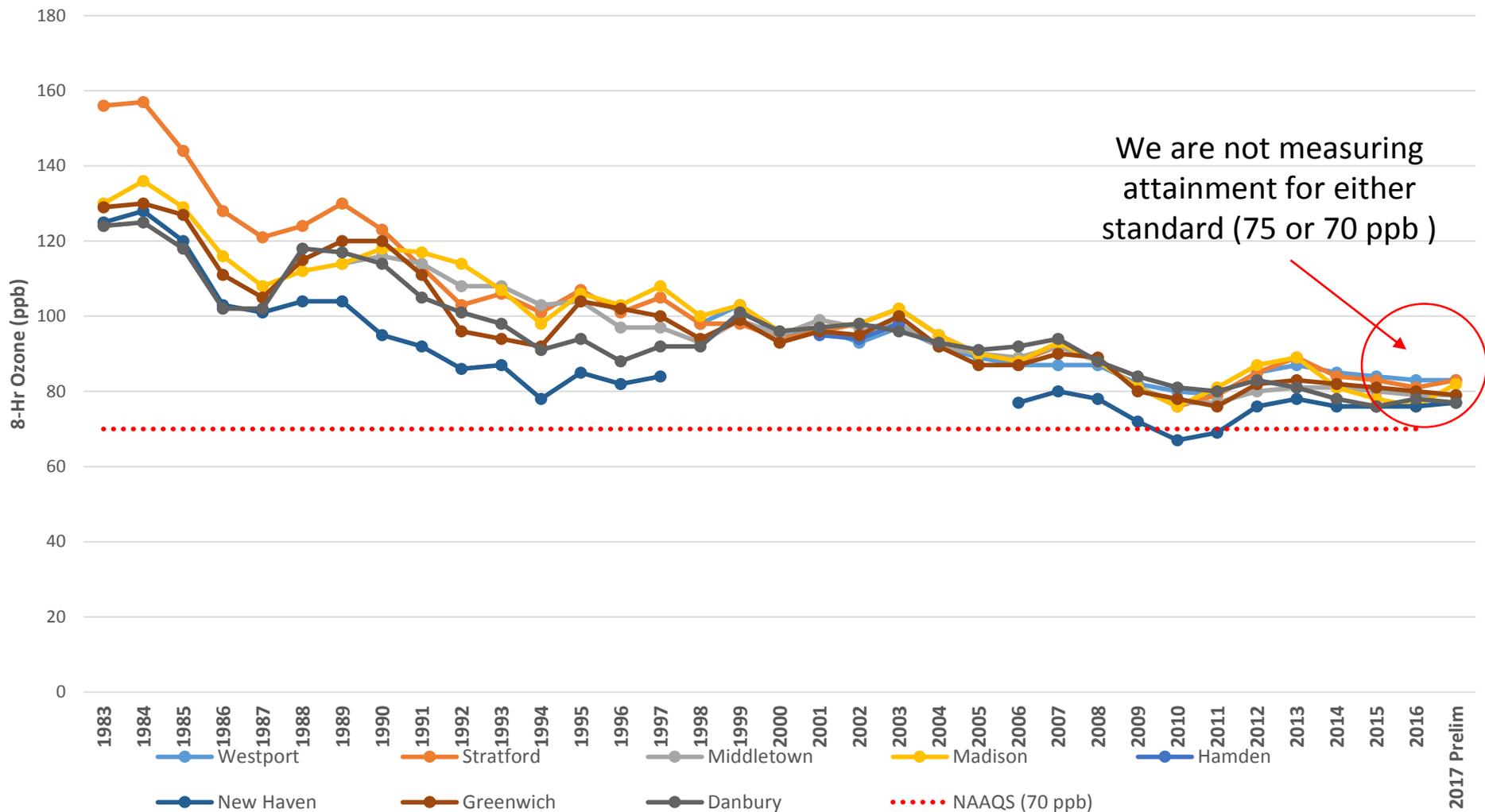
# CSAPR Update Results

- The reductions that were targeted by the rule were achieved and with little need for the banked allowances.
- During the ozone season which these reductions occurred (2017) we still measured violations of both the 2008 and the 2015 ozone standards. (Recall we had cold August!)
- Even projections (which have been under estimating) still result in CT nonattainment. Projections still indicate over 90% due to sources beyond Connecticut's authority.

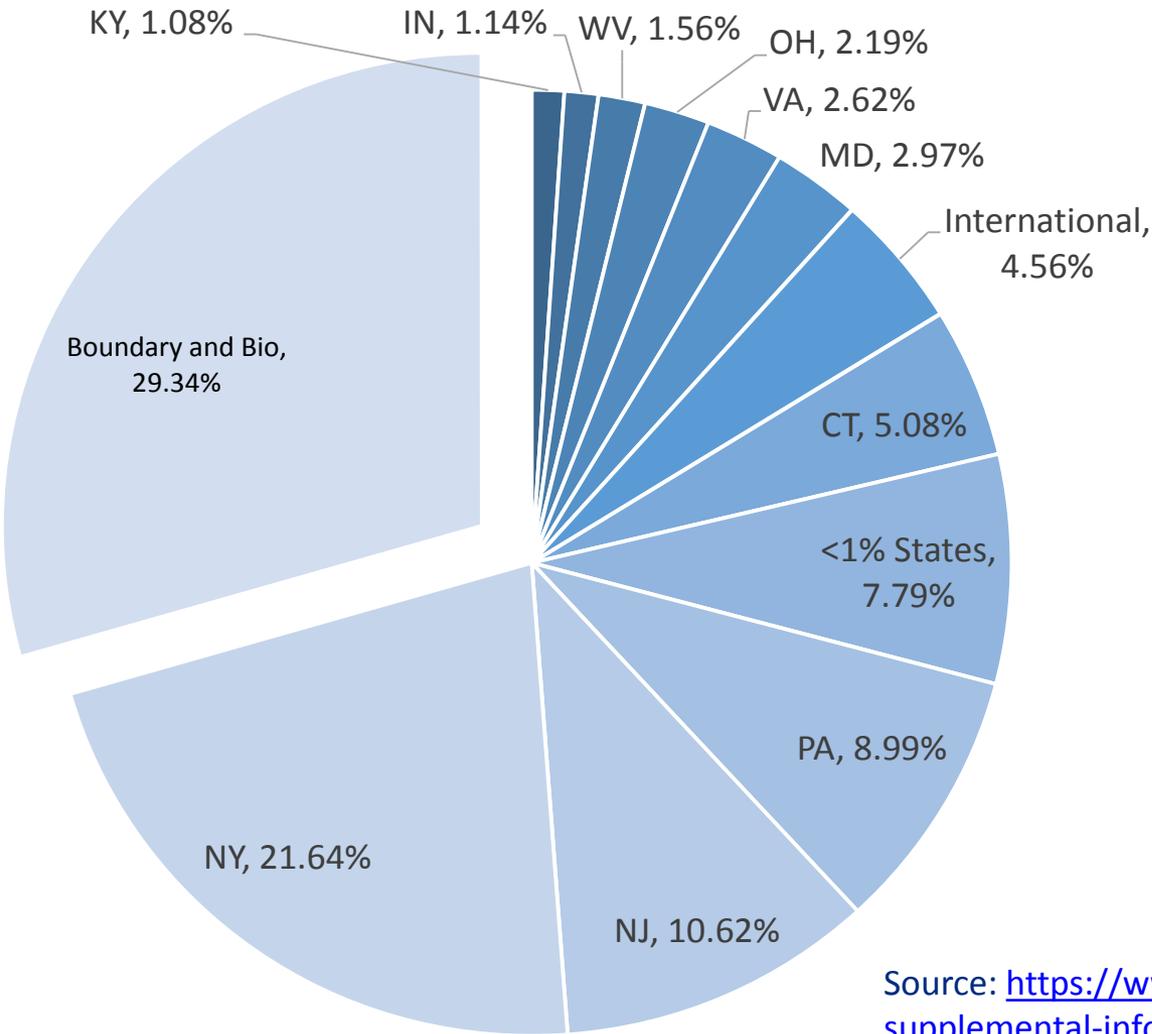


# Further Progress Needed

Southwest Connecticut Ozone Non-Attainment Area 8-hr Ozone Design Value Trends



# ***Nor are we projected to measure attainment. Westport is Projected to be 73.7 ppb in 2023.***



## ***Contributions to the Westport Monitor in 2023.***

*(EPA's 2023en modeling platform)*

***95% of the persistent ozone  
problem is still beyond  
Connecticut's control.***

Source: <https://www.epa.gov/airmarkets/march-2018-memo-and-supplemental-information-regarding-interstate-transport-sips-2015>



# New EPA Transport Memo

Purpose - to inform SIP development for the 2015 Ozone Good Neighbor SIPS (Due 10/1/2018)

## Summary:

- Released March 27, 2018
- The 2023en modeling is acceptable to use in GN SIPs if appropriate for your state.
- EPA outlines a four step framework. (However, EPA does not preclude other approaches).
- Step 1-2 of the four step framework were addressed in memo for states should using the 2023en modeling supplied.
- States are expected to address cost; caveats are made if regarding special circumstances like international transport.





# Questions



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