

2015 OZONE STD REDESIGNATION REQUEST/MAINTENANCE PLAN & 2026 OZONE SEASON SUMMARY

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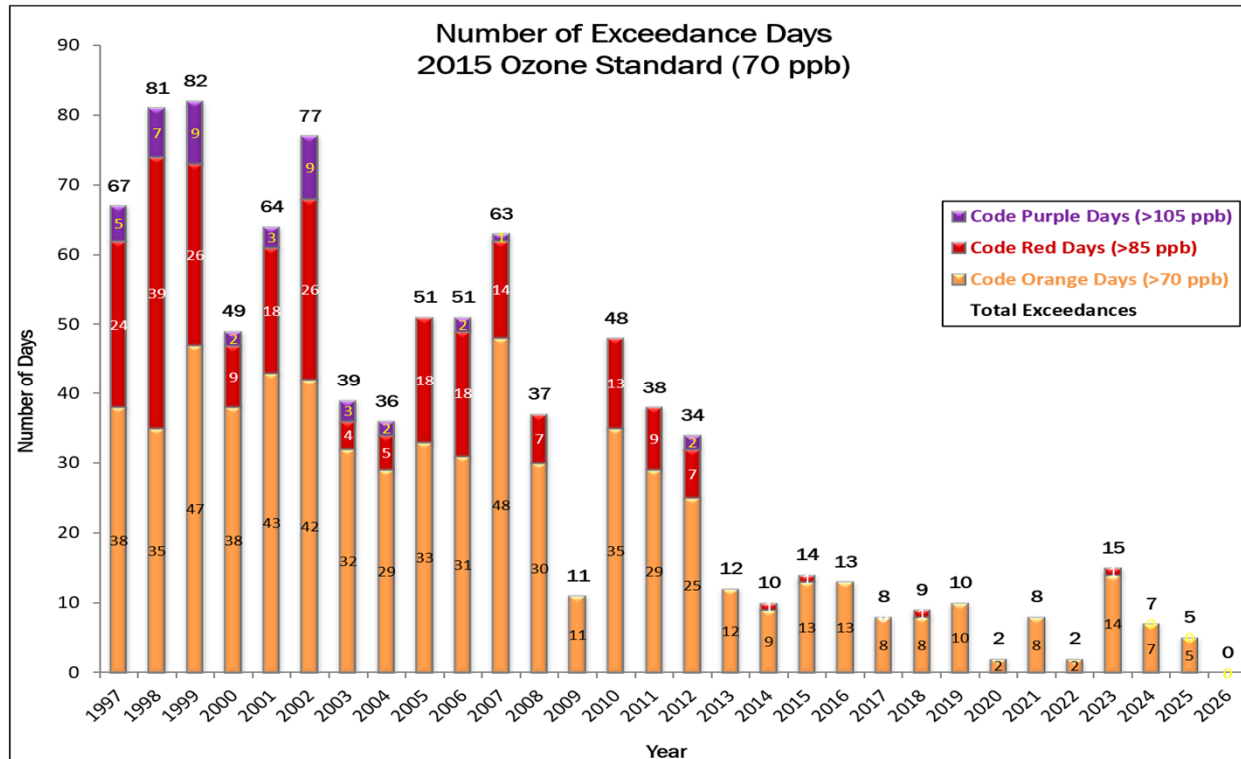
MWAQC
May 20, 2026

Agenda Item 5



Metropolitan Washington
Council of Governments

Ozone Exceedance Trend

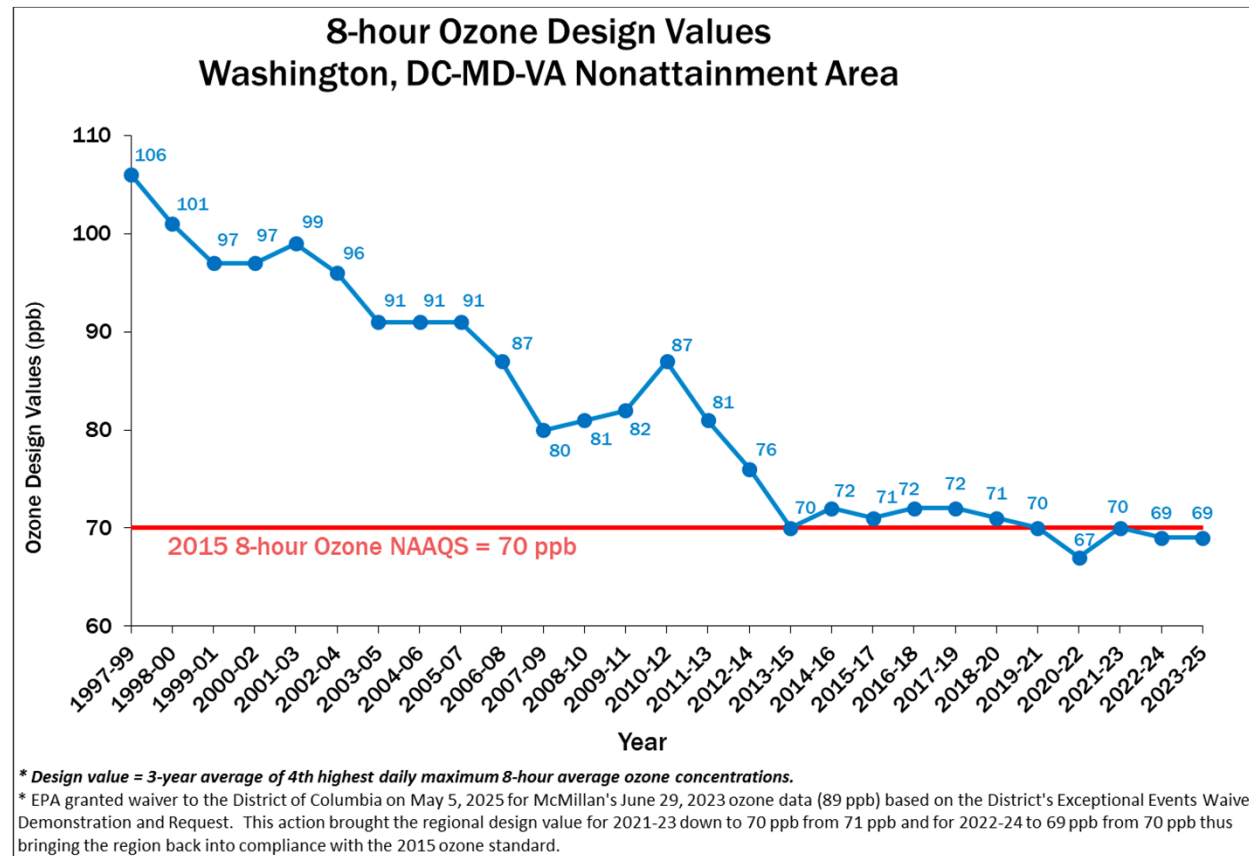


* 2026 Data is preliminary.

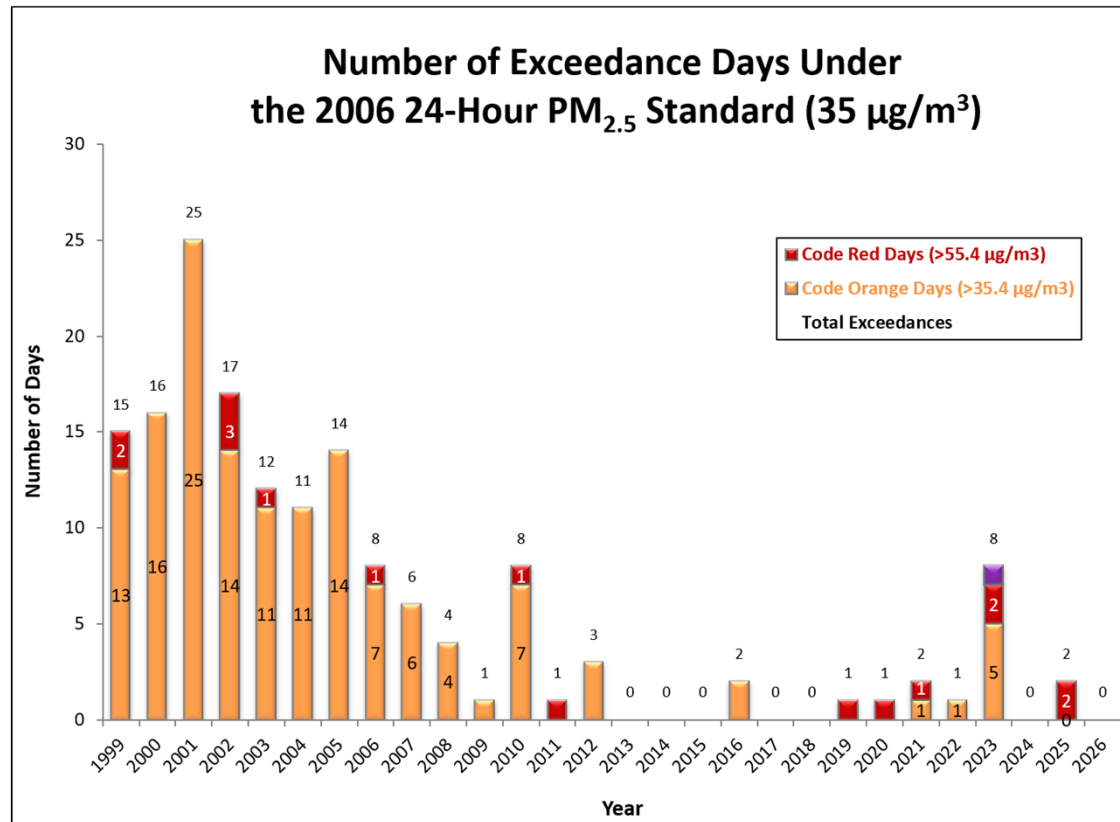


Metropolitan Washington
Council of Governments

Ozone Design Value Trends



PM2.5 Exceedance Trend



2015 Ozone Std Redesignation Request & Maintenance Plan

- EPA published rules on Clean Data Determination and Determination of Attainment by Attainment Deadline for the 2015 ozone standard for the Washington region in 2025.
- These rules allow the region to submit a request to EPA to redesignate it to Attainment (Redesignation Request) for the above standard along with a plan to demonstrate continued attainment in the future (Maintenance Plan).
- Following this, the region has been working on the Redesignation Request & Maintenance Plan (RR/MP) since 2023.

Components of the Redesignation Request & Maintenance Plan

- The RR/MP needs to include the following components:
- Emissions Inventory for all anthropogenic sources:
 - Point, Quasi-Point (Andrews AFB, Dulles, National airports), Nonpoint, Marine/Airport(remaining ones)/Railroad, Nonroad Model, and Onroad
- Emissions Inventories for Milestone Years:
 - Base Year 2017
 - Attainment Year 2022
 - Interim Year 2032
 - Maintenance Year 2038
- Motor Vehicle Emissions Budgets (MVEBs)
- Contingency Measures – Emission controls to be implemented in case of future nonattainment

Status of Inventories

Draft inventories for Point, Quasi-Point, Nonpoint, Marine/Airport/Railroad, Nonroad Model, and Onroad Model sources for milestone years 2022, 2032, and 2038 are complete.

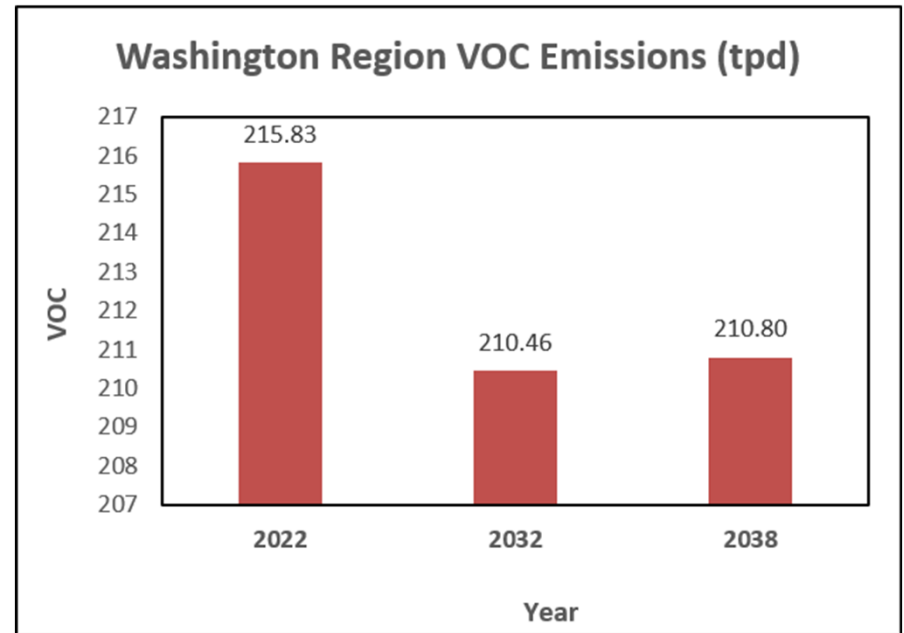
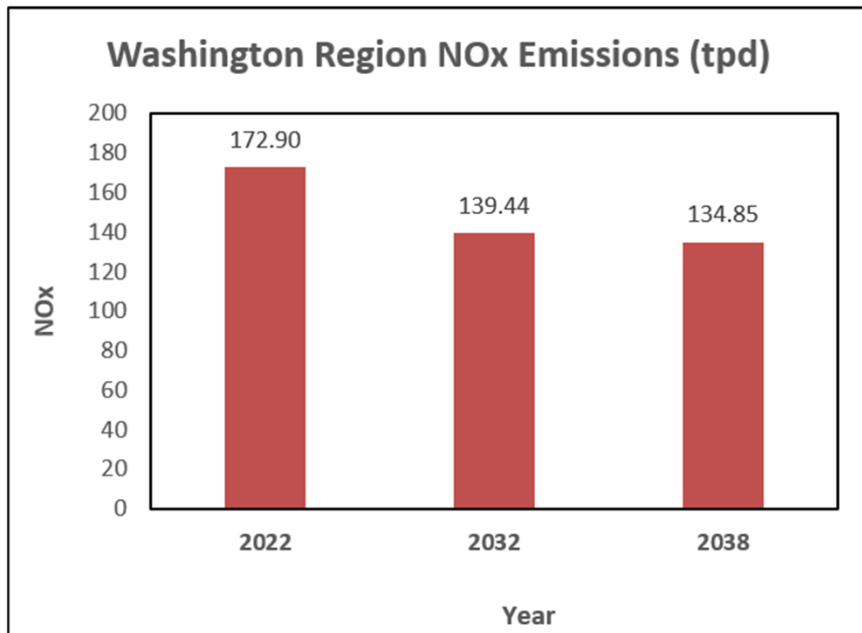
Documentation development:

Point Source – Complete

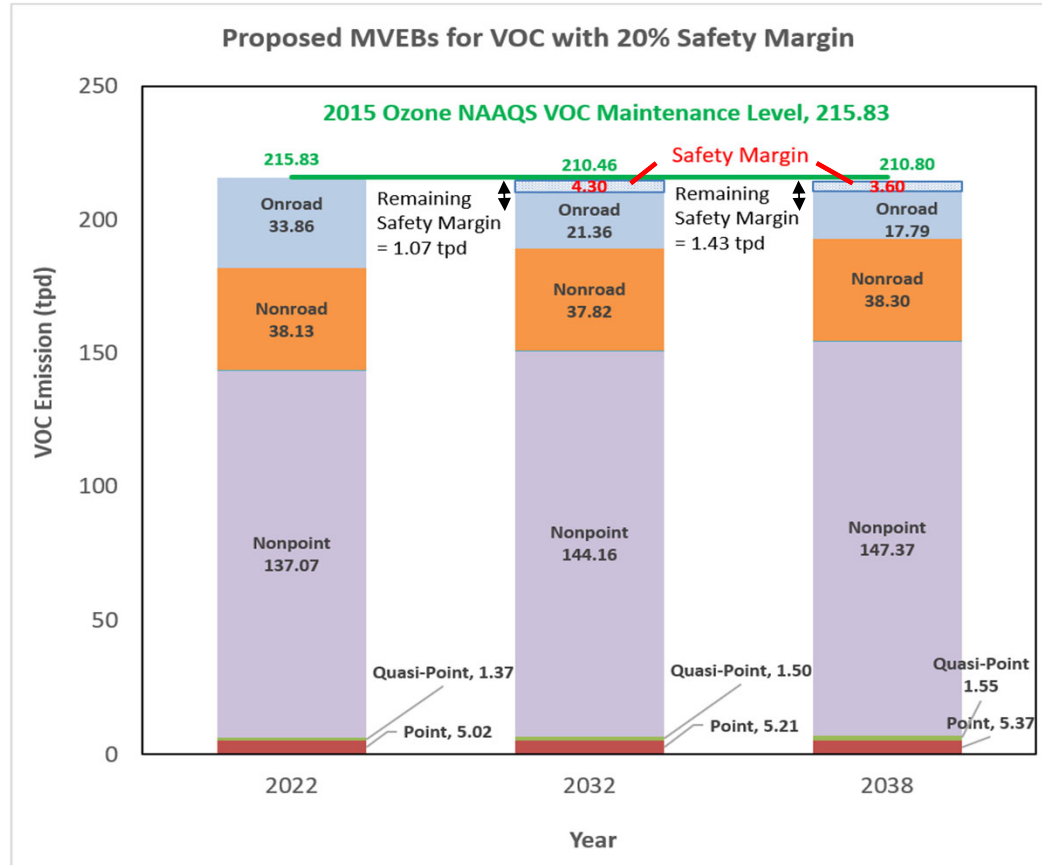
Quasi-Point, Nonpoint & MAR – Partially complete

Nonroad & Onroad Model Sources – Ongoing

Emissions Trends



Emissions & Motor Vehicle Emission Budgets–VOC (tpd)



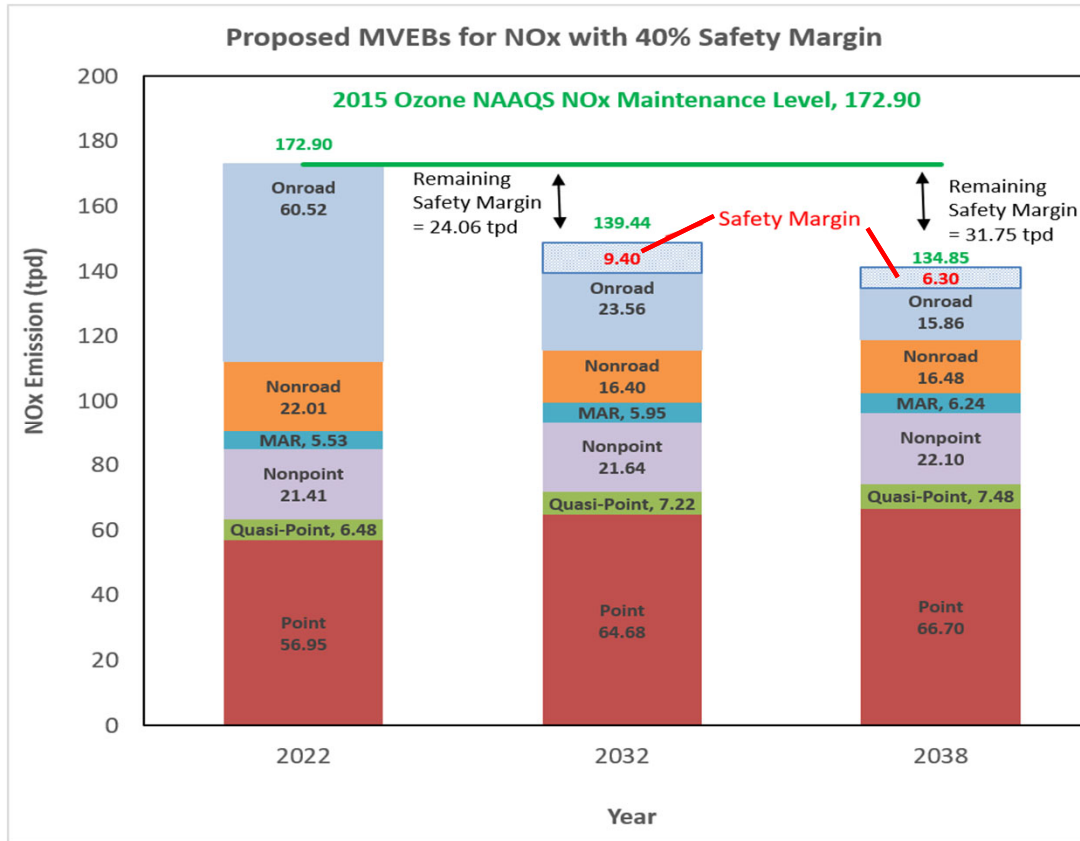
VOC MVEBs (20% Safety Margin)

2032: 21.4 + 4.3 = 25.7 tpd

2038: 17.8 + 3.6 = 21.4 tpd



Emissions & Motor Vehicle Emission Budgets–NOx (tpd)



NOx MVEBs (40% Safety Margin)

2032: 23.6 + 9.4 = 33.0 tpd

2038: 15.9 + 6.3 = 22.2 tpd



Contingency Measures

Contingency measures need to be listed for implementation in the event the Washington region exceeds NAAQS.

Possible Contingency Measures being considered

- Tier 4 Consumer Products Rule

- Tier 5 Consumer Products Rule

- Solvent Degreasing Rule

- Low Permeation Hoses

- Ultra Low NOx for Small Boilers

- Indirect Measures (Permitting)

Next Steps

- RR/MP document needs to be submitted by end of 2026.
- RR/MP document expected to be ready for EPA's initial review and public comments by June/July 2026.
- Could be presented to a special meeting of MWAQC in July for approval for public hearing & comment process and subsequently in the December 2nd meeting for the final plan approval
- States could send the final approved document to EPA soon after that to meet the submittal deadline.

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