

# BACKGROUND ON BEEAC AND MWAQC-TAC SPECIAL MEETING

---

Tim Masters, COG Environmental Programs  
BEEAC  
September 15, 2022



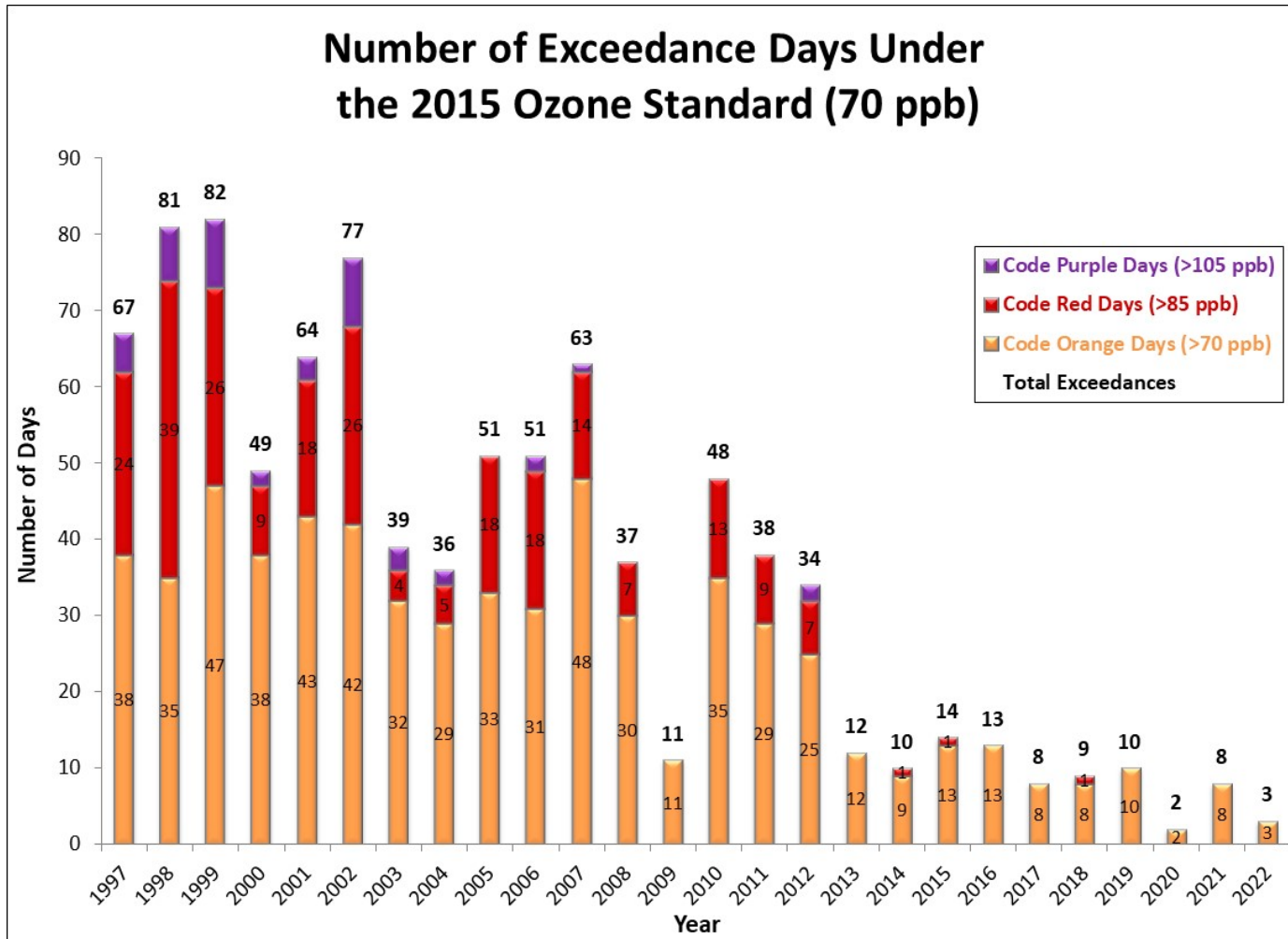
Metropolitan Washington  
Council of Governments

# NAAQS Ozone Planning

---

- The U.S. National Ambient Air Quality Standards (NAAQS) are limits on atmospheric concentration of six criteria air pollutants.
- The NAAQS are health-based, and the EPA sets the standards, as required by the Clean Air Act.
- The COG region was initially designated Marginal Nonattainment Area (NAA) for the 2015 Ozone NAAQS but failed to attain the standard by deadline (August 2021).
- EPA recently proposed bump up to Moderate NAA. Moderate NAA State Implementation Plan (SIP) due January 1, 2023.
- Certified 2021 data shows attainment. EPA intends to issue Clean Data Determination after the end of ozone season (Fall 2022).
- Washington region is working on both Attainment Plan and Redesignation Request & Maintenance Plan.

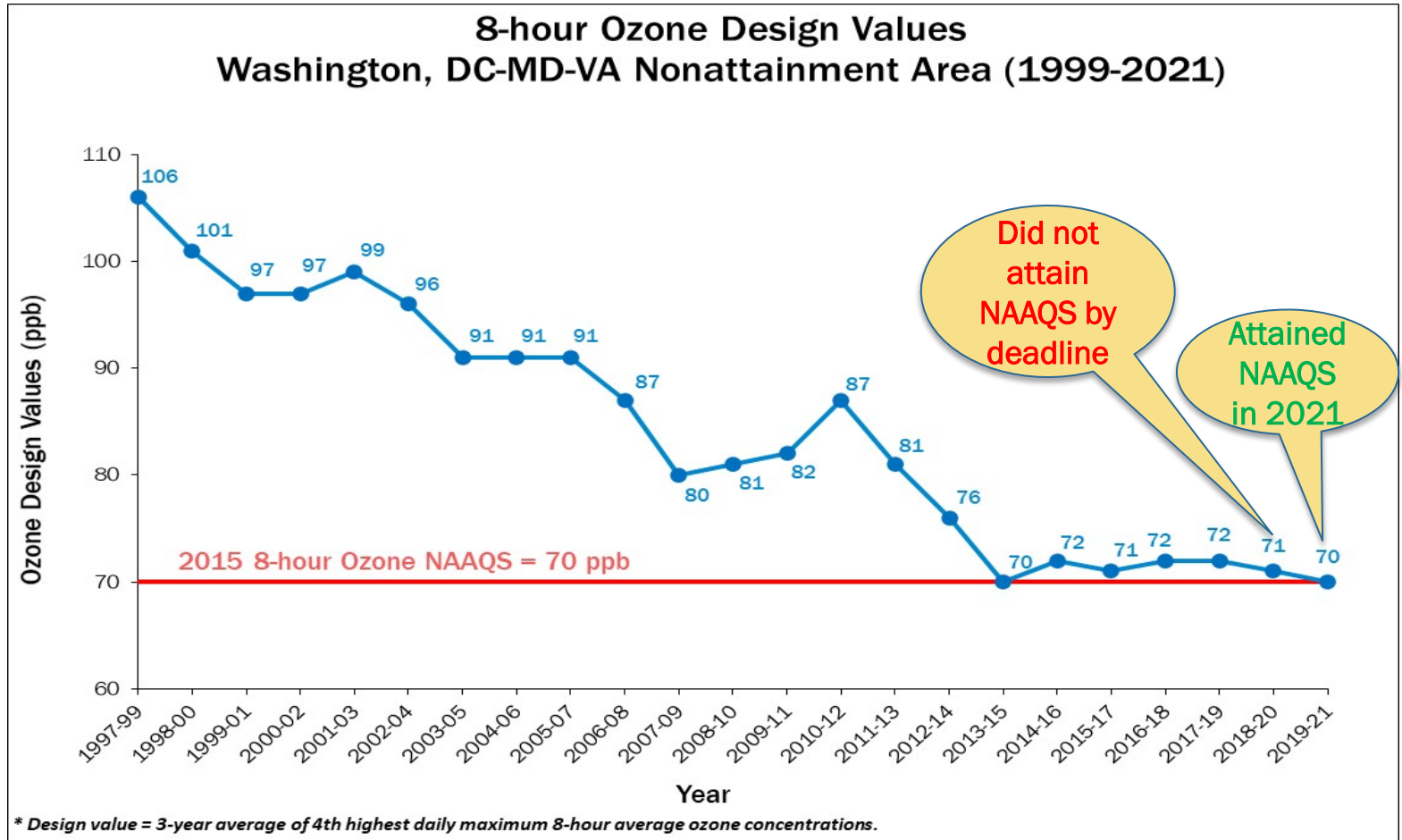
# Ozone Exceedance Trend



2022 data is draft and incomplete as of September 1, 2022.



# Ozone Design Value Trend



# Control/Contingency Measures

---

- Attainment Plan would require control measures
  - Measures to be put in place to reduce emissions of criteria air pollutants in order to attain the standard
  - Region already has existing control measures that would provide the necessary emission reductions for this plan
- Maintenance Plan would require contingency measures
  - Measures to be enforced if the region's pollutant levels trigger predetermined indicators (states establish indicators that trigger contingency measures)

# Building Energy Efficiency Measures

---

- Energy Benchmarking & Management
- HVAC, Lighting, Insulation
- Financing

# Building Energy Efficiency Measures

---

- Built environment energy use – impacts on air quality
  - Building energy efficiency measures reduce energy consumption
  - Electrification can reduce use of fuels that contribute to air pollution
- Building Energy Performance Standards (BEPS)
  - Has not previously been presented at BEEAC before, and both the District and Maryland have BEPS, and Montgomery County plans to adopt BEPS
  - Energy and emissions focused, but may be of interest to MWAQC-TAC members from an air quality perspective



## Tim Masters

Environmental Planner

(202) 962-3245

[tmasters@mwcog.org](mailto:tmasters@mwcog.org)

---

777 North Capitol Street NE, Suite 300

Washington, DC 20002

