

# AAMPO



## **Transportation Conformity**

Technical Advisory Committee

June 3, 2022

# MPO Plans and Documents



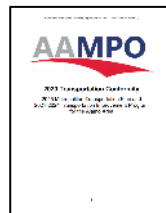
## **Transportation Improvement Program**

**(TIP):** Funded transportation projects within a four year timeframe; adoption of FY 2023-2026 TIP is scheduled for June 27, 2022



## **Metropolitan Transportation Plan (MTP):**

Future goals, strategies and transportation projects for 25 years; updated MTP list (Mobility 2050) scheduled for June 27, 2022



## **Transportation Conformity Document (TCD)**

Evaluates future transportation projects to ensure they cause no further harm to air quality; approved through a significant interagency consultation process; adoption is scheduled for June 27, 2022

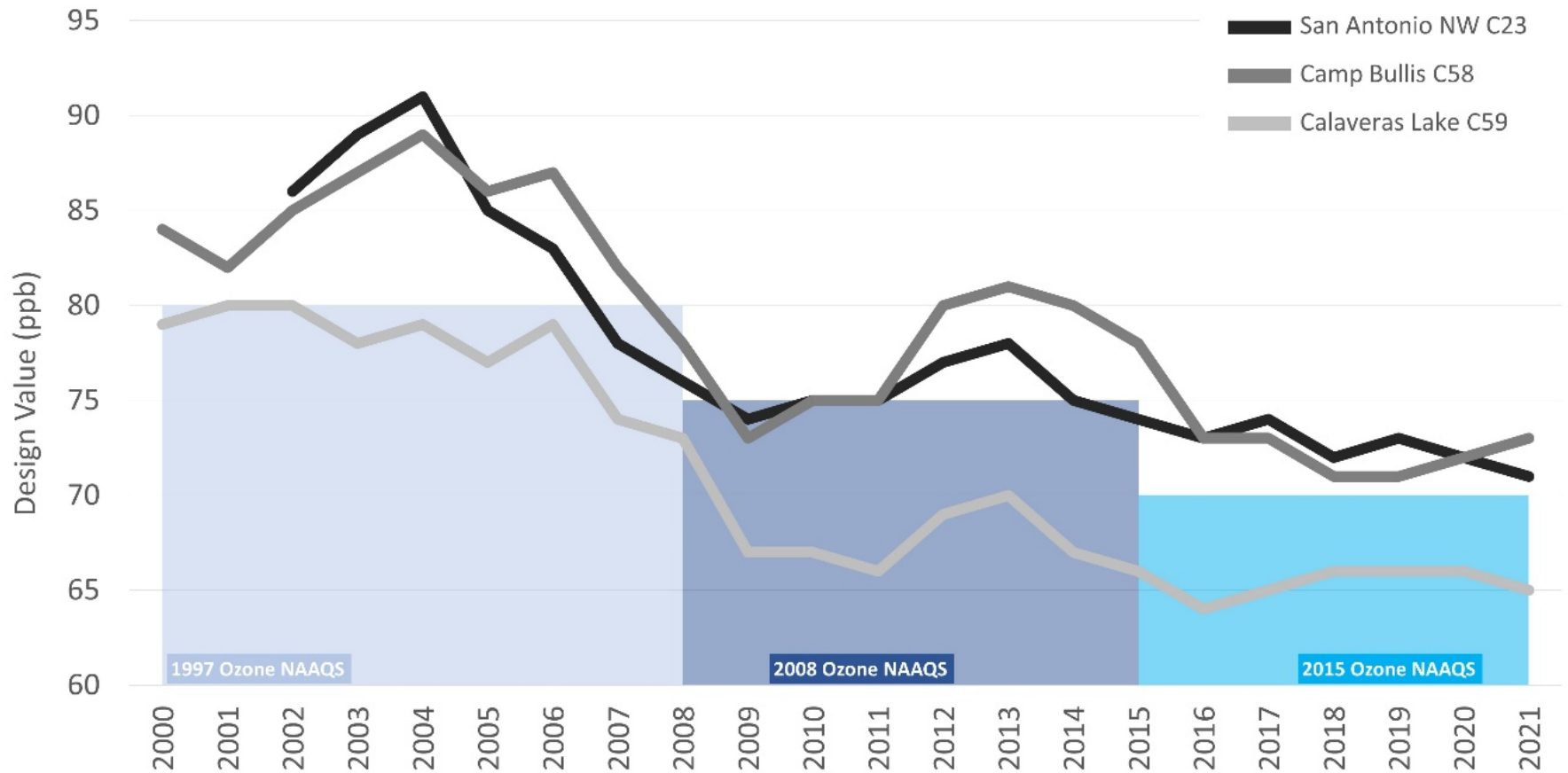
# Metropolitan Transportation Plan Project Lists

- Roadway and transit project lists available at [alamoareampo.org/yourmove](http://alamoareampo.org/yourmove)
- Roadway list is consistent with TxDOT's Unified Transportation Program
- Projects that may not let in FY 2022 have been moved to FY 2023
- Roadway project list has been simplified for the MTP – reduced page number from approximately 50 to under 10

# FY 2023-2026 Transportation Improvement Program

- First MPO call for projects for multiple funding sources – STBG, CMAQ, TA
- Roadway list is consistent with TxDOT's Unified Transportation Program
- Projects that may not let in FY 2022 have been moved to FY 2023
- Finalizing some information on transit projects and grouped projects prior to May 18  
TIP/MTP/Conformity public meeting

# Bexar County Design Value (2000-2021)



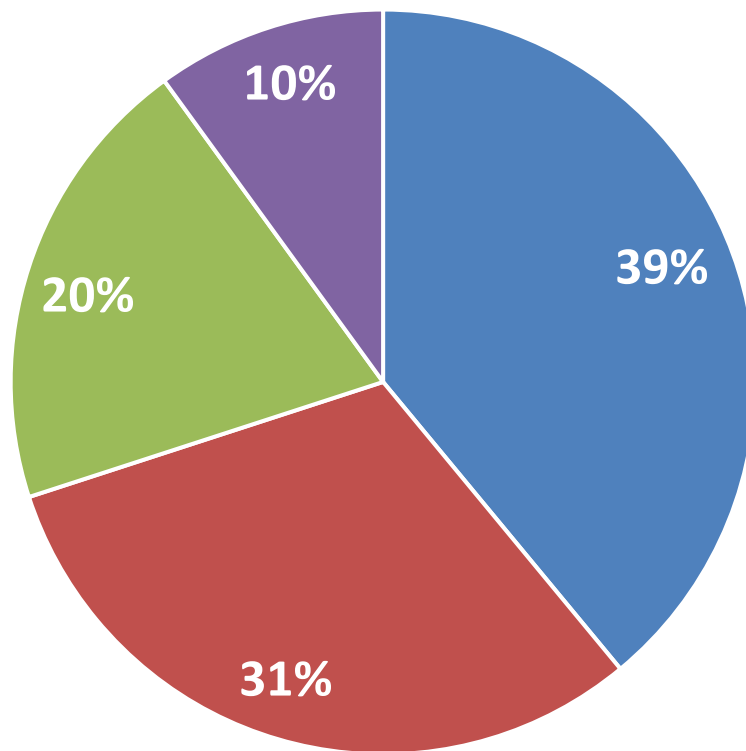
Source: Texas Commission on Environmental Quality

**Design Value:** The fourth-highest eight-hour average ozone concentration averaged over a consecutive three-year period

**NAAQS:** National Ambient Air Quality Standards  
**ppb:** parts per billion

# Ozone Contribution in Bexar Co.

## Ozone Production



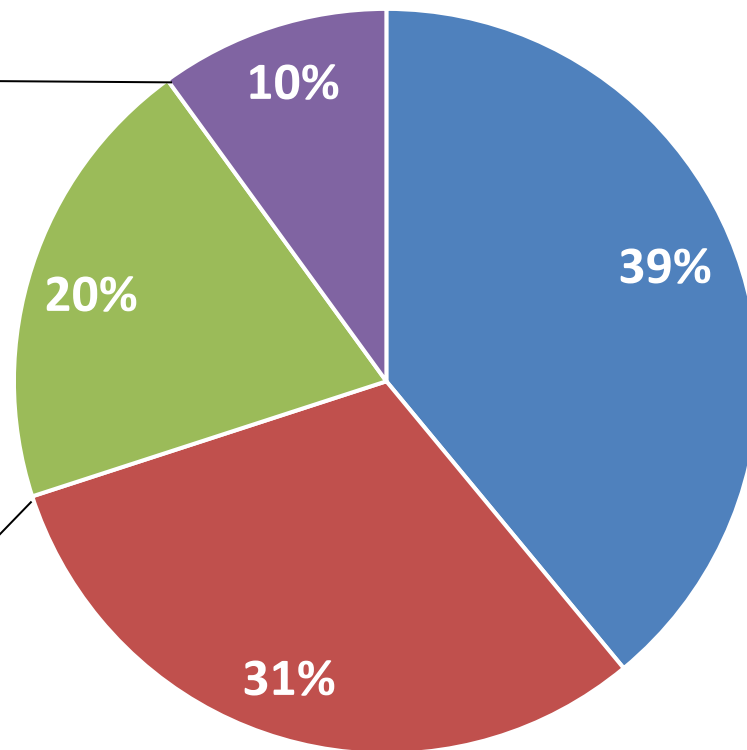
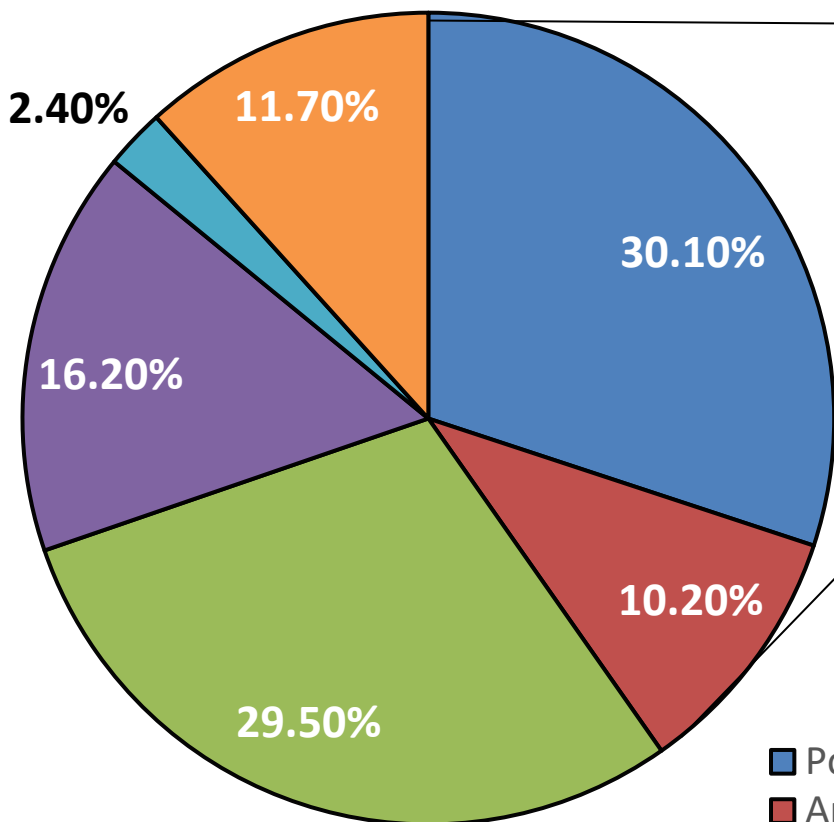
- Other States, Countries, Regions
- Outside of AQ Model Area
- San Antonio
- Other Texas Regions

Source: AACOG Photochemical Model

# Ozone Contribution in Bexar Co.

## Local Contributors

## Ozone Production



- Point
- Area
- Mobile
- Nonroad
- Offroad

- Other States, Countries, Regions
- Outside of AQ Model Area
- San Antonio
- Other Texas Regions

Source: AACOG Photochemical Model

# Bexar County “Action-Baseline” Results

Criteria: Emissions modeled for analysis years must be at or below 2017 baseline year

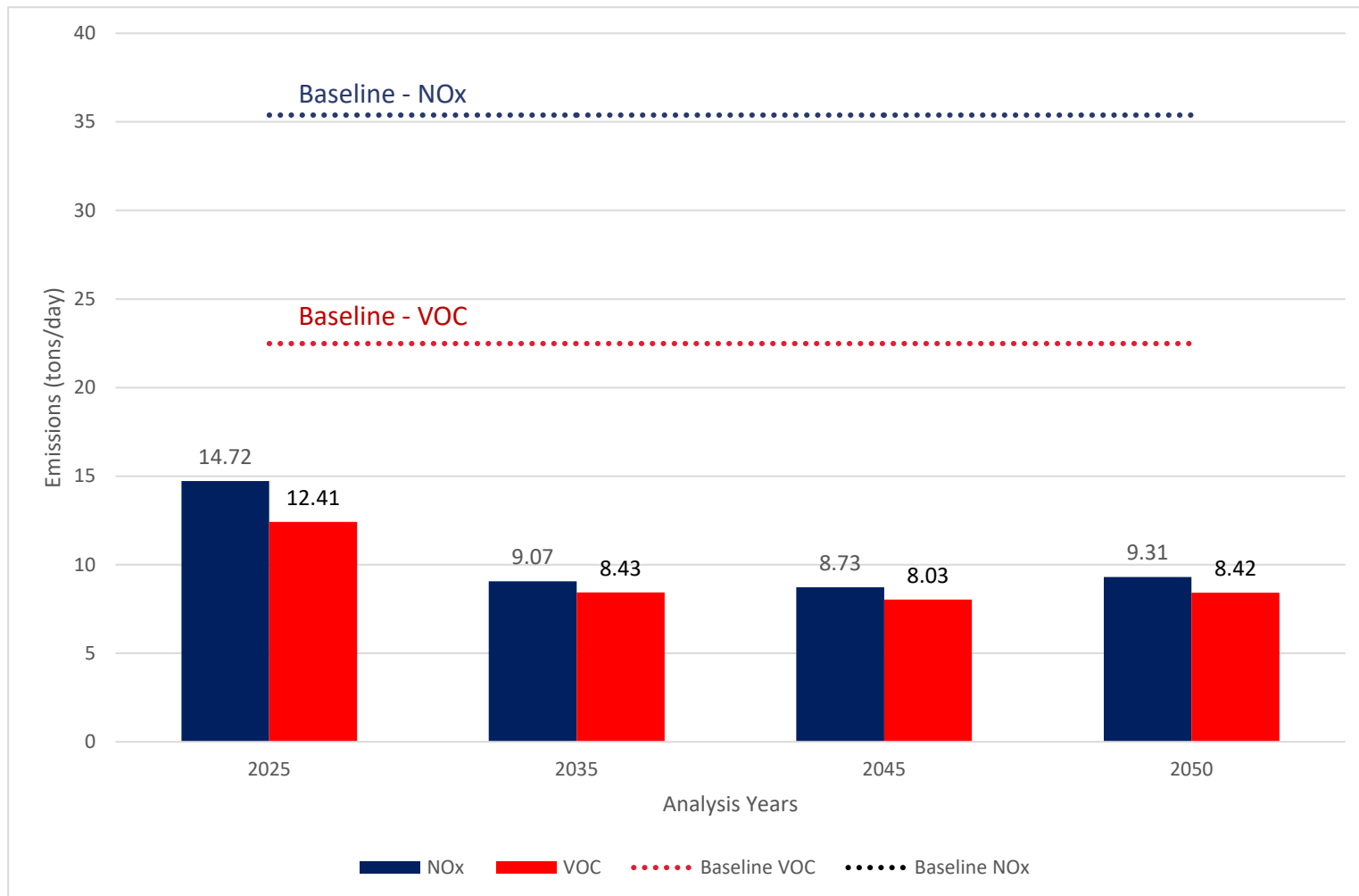
| Year        | NO <sub>x</sub> | VOC   |
|-------------|-----------------|-------|
| <b>2017</b> | 35.38           | 22.49 |
| <b>2025</b> | 14.72           | 12.41 |
| <b>2035</b> | 9.07            | 8.43  |
| <b>2045</b> | 8.73            | 8.03  |
| <b>2050</b> | 9.31            | 8.42  |

Source: Texas A&M Transportation Institute analysis using MOVES2014b (May 3, 2022)

NO<sub>x</sub>: Nitrogen Oxides  
VOCs: Volatile Organic Compounds



# Bexar County "Action-Baseline" Results



Source: Texas A&M Transportation Institute analysis using MOVES2014b (May 3, 2022)

**NO<sub>x</sub>**: Nitrogen Oxides  
**VOCs**: Volatile Organic Compounds

# “Build v No-Build” Analysis

- EPA is expected to finalize their recommendation to *reclassify* Bexar County as a “**Moderate**” non-attainment area in late FY 2022
- EPA’s recommendation was published April 13, 2022 and the initial comment period will close June 13, 2022; an additional 60-day comment period can be requested
- Bexar Co. air quality has not worsened significantly, but federal law requires EPA to reclassify if attainment is not reached by our original September 24, 2021 attainment date

# “Build v No-Build” Analysis

- “Moderate” non-attainment areas are required to complete **an additional emissions test** comparing the existing and committed transportation system to that found in the TIP and MTP
- Through consultation with AAMPO’s partners (e.g. EPA, FHWA, TCEQ and TxDOT) AAMPO will coordinate with TTI to complete this additional test in case the Moderate reclassification is finalized prior to federal approval of the TIP and MTP
- AAMPO is coordinating to complete this test by late spring 2022, though ***it is not currently required***

# 2023 Transportation Conformity Schedule

| Task  | Date                                 |
|---|--------------------------------------|
| <b>Beginning of Public Comment Period</b>                 | <b>May 18, 2022</b>                  |
| TIP/MTP/Conformity Public Meeting (Bexar Co.)             | May 18, 2022                         |
| Transportation Policy Board (TPB) Presentation            | May 23, 2022                         |
| <b>TAC Action</b>   | <b>June 3, 2022</b>                  |
| <b>End of Public Comment Period</b>                       | <b>June 20, 2022</b>                 |
| <b>TPB Action</b>   | <b>June 27, 2020</b>                 |
| Interagency Consultation Review Begins                    | July 2022                            |
| <b>FHWA-FTA Joint Conformity Determination (Approval)</b> | <b>No later than October 1, 2022</b> |

# AAMPO

## Questions?

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