



air pollution control district
SANTA BARBARA COUNTY

2026 Ozone Plan

Board of Directors

October 15, 2026

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Our Mission

To protect the people and the environment of Santa Barbara County from the effects of air pollution.

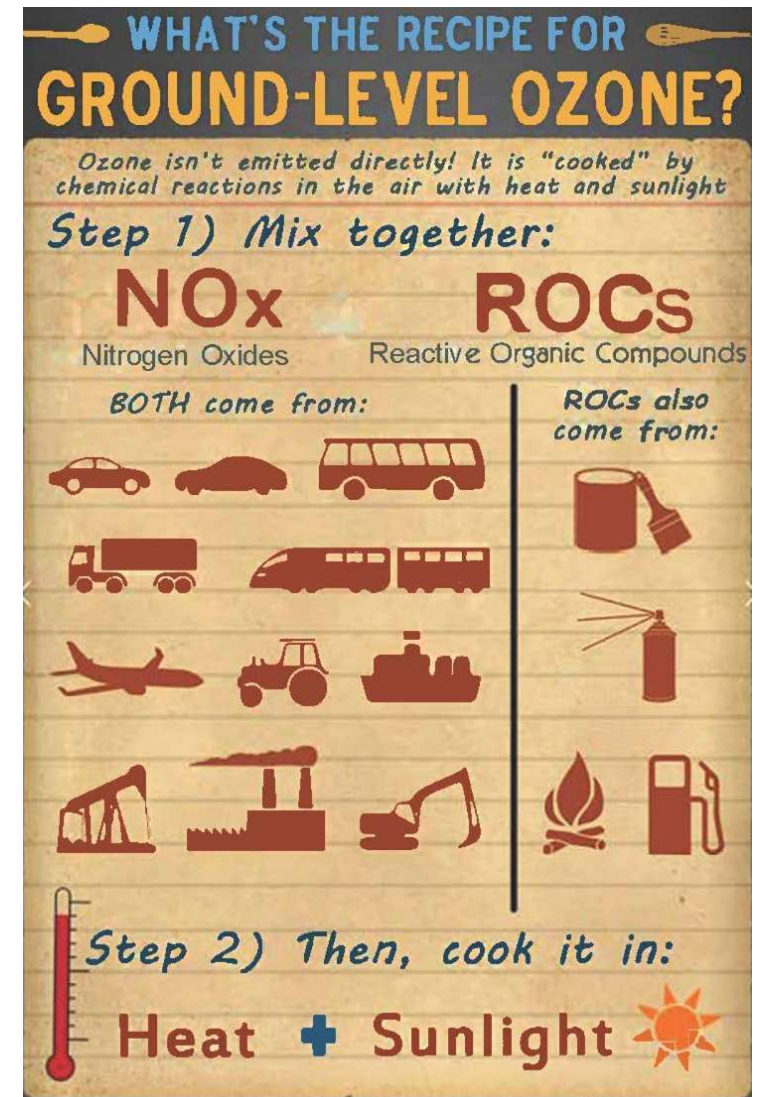


2026 Ozone Plan Structure

- Chapter 1: Introduction
- Chapter 2: Air Quality Trends
- Chapter 3: Emission Inventory & Forecasts
- Chapter 4: Stationary & Area Source Control Measures
- Chapter 5: Transportation Control Measures
- Chapter 6: Voluntary Incentive Strategies
- Chapter 7: Attainment Strategy

Chapter 1: Introduction

- Ozone is formed through a reaction of NO_x and ROCs in the presence of heat & sunlight.
 - NO_x: Oxides of Nitrogen (NO and NO₂)
 - Primarily from combustion sources.
 - ROCs: Reactive Organic Compounds
 - Primarily from combustion and coatings/solvents.
- High levels of ozone are typically recorded during the afternoon between April - October.
- Breathing ground-level ozone can cause numerous health-related effects.



Chapter 1: Introduction

State Standard	Year Adopted	Ozone Concentration
1-Hour Ozone	1988	0.09 ppm
8-Hour Ozone	2005	0.070 ppm

Designation Years	Attainment Status
1989 - 2015	N
2016 - 2018	NA-T
2019	A
2020 - 2021	N
2022 - 2025	NA-T

- **Attainment (A):**

- No violations in the last 3 years.

- **Nonattainment (N):**

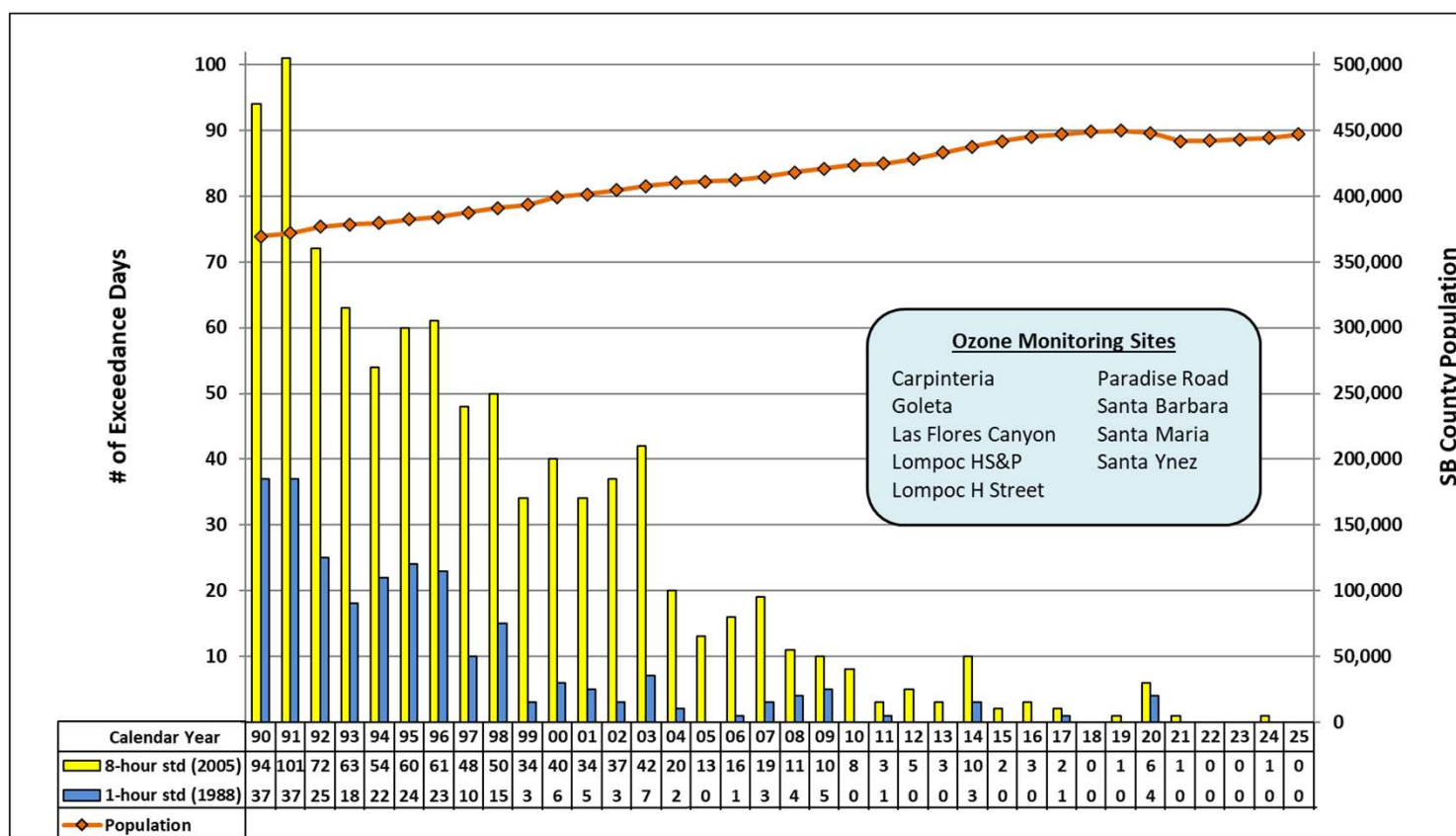
- Violations of the standard in the last 3 years.

- **Nonattainment-Transitional (NA-T):**

- 3 or fewer exceedances in the last year.
- Designation signifies that the region is close to attaining the standard, and additional control measures may be delayed.

Chapter 2: Air Quality Trends

Figure 2-1: Ozone Exceedances vs Population, 1990 - 2025



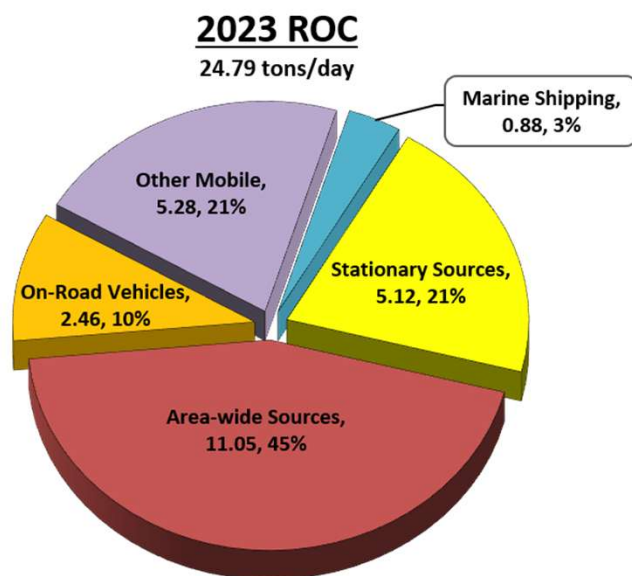
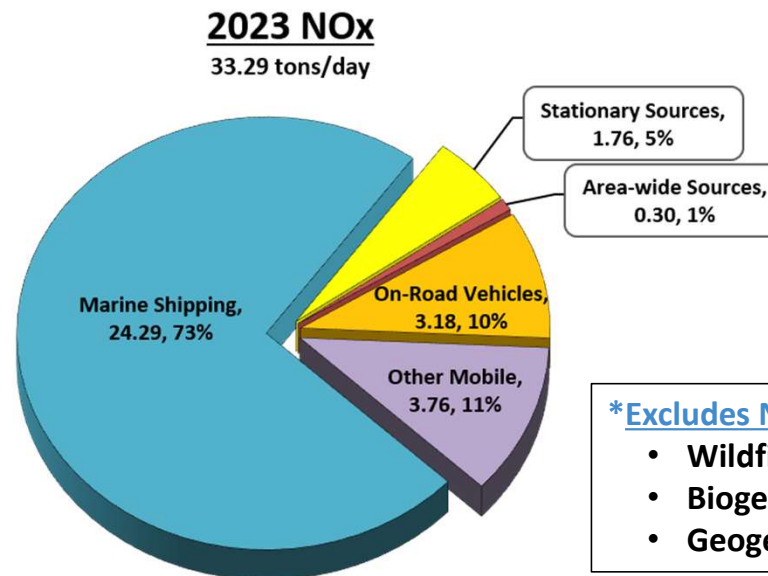
Chapter 3: Emission Inventory

Major Category

- 1) Stationary Sources:
- 2) Area Sources:
- 3) On-Road Vehicles:
- 4) Other Mobile Sources:
 - Marine Shipping:

Examples:

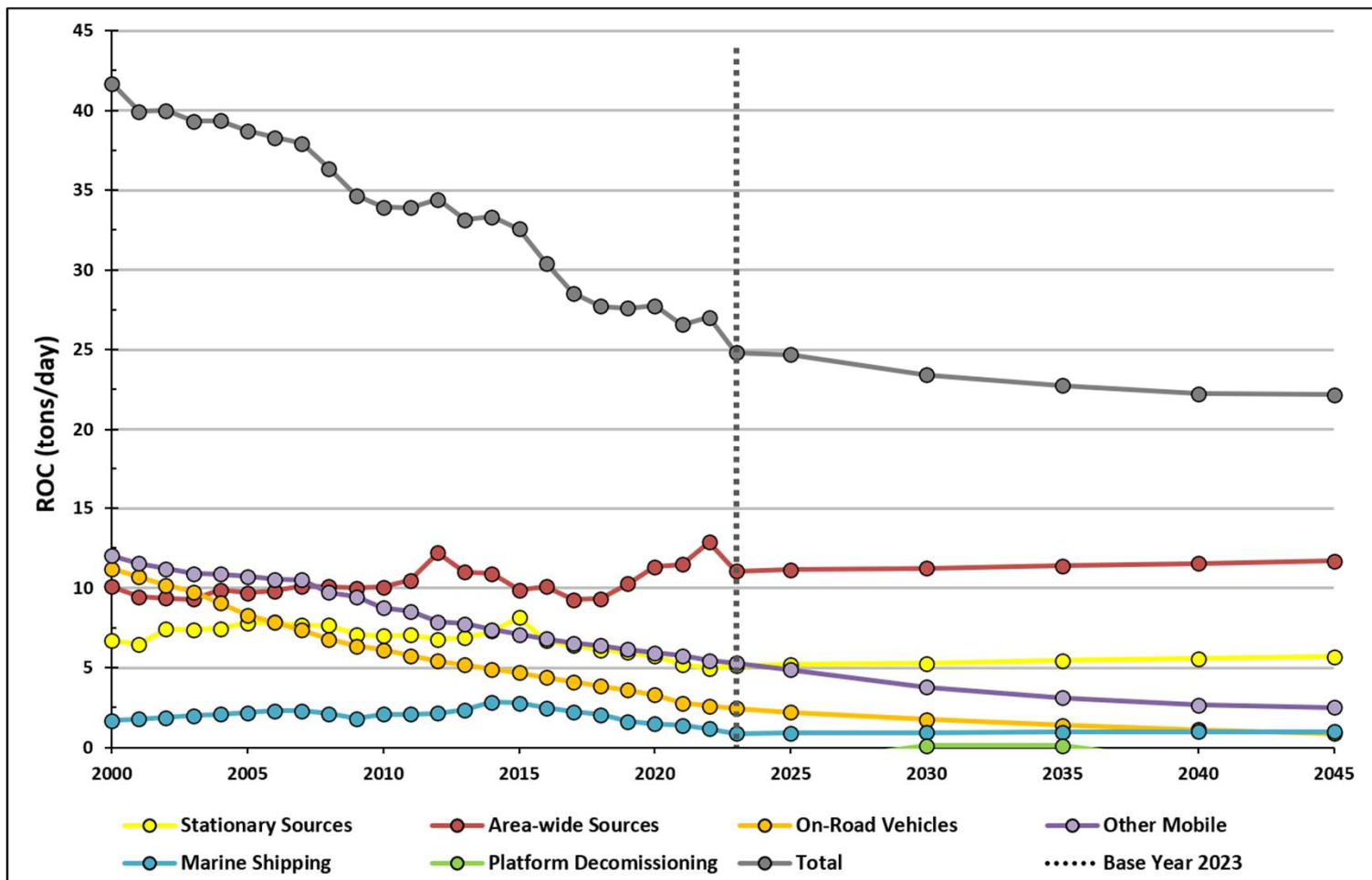
Engines, Boilers, Gas Stations, Oil Wells, Autobody Shops
Residential Heaters, Consumer Products, Pesticides
Passenger Cars, Heavy-Duty Trucks, Buses
Off-Road Equipment, Harbor Craft, Trains, Airplanes
Ocean-Going Vessels



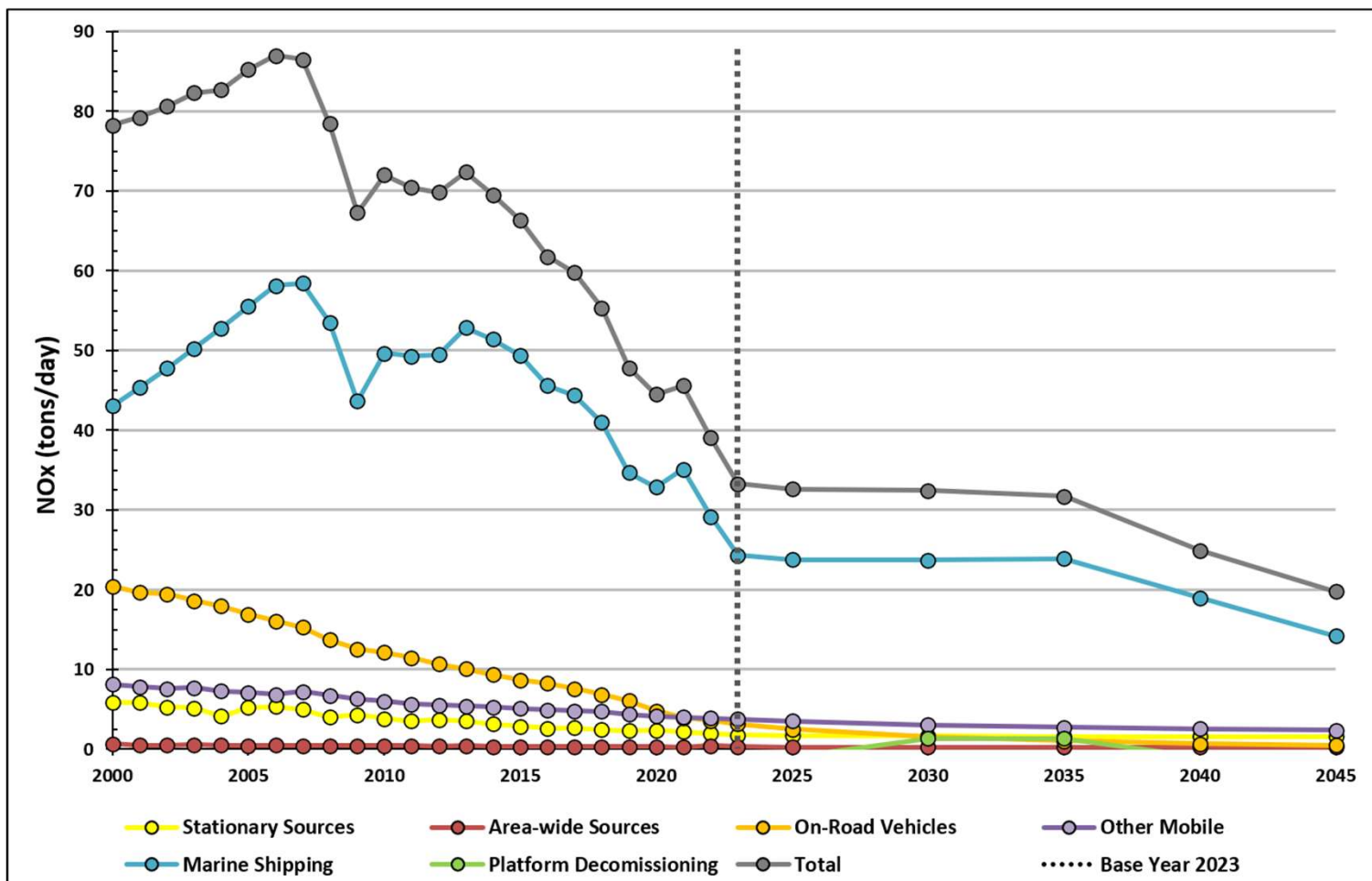
*Excludes Natural Sources

- Wildfires
- Biogenics (trees)
- Geogenics (seeps)

ROC Emission Trends By Source Category



NOx Emission Trends By Source Category

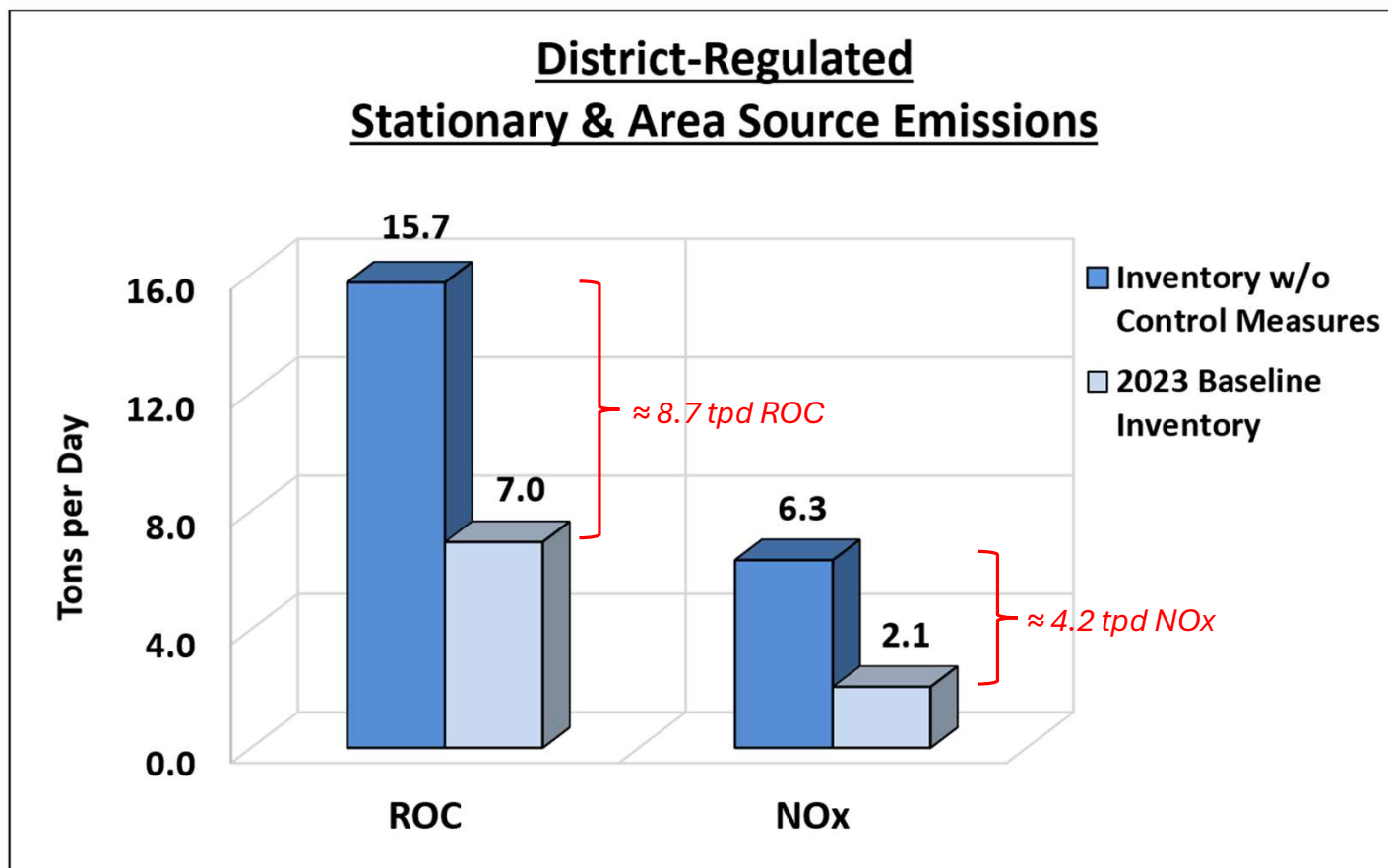


Chapter 4: Stationary & Area Source Control Measures

- **District has adopted 35 control measures since the original 1991 Clean Air Plan.**
 - Primarily based on the “every feasible measure” strategy to expeditiously attain the ozone standard.
- **For this Plan, staff analyzed potential new rules:**
 - Compared our rules to those adopted by other Air Districts,
 - Evaluated the magnitude of the emissions reductions, the cost-effectiveness, and feasibility to implement locally.
 - Considered ozone exceedance and emission inventory trends and whether additional rules are necessary for attainment.
- **Staff recommends no new control measures for adoption under the 2026 Plan.**

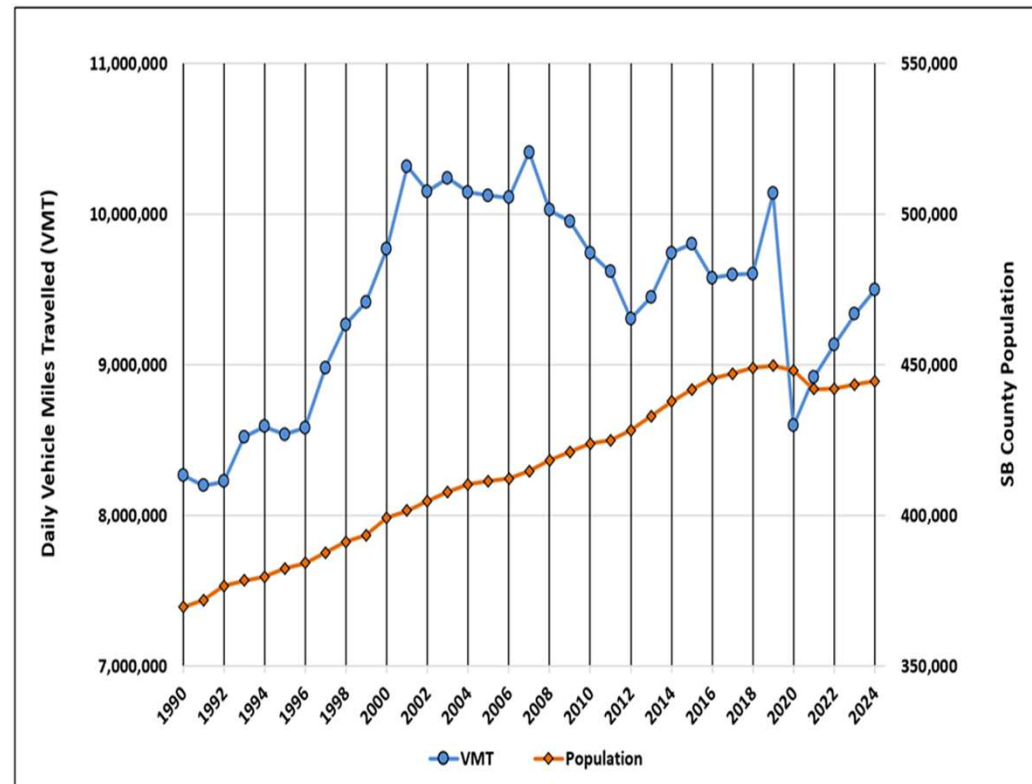
Chapter 4: Stationary & Area Source Control Measures

FIGURE 4-1: ESTIMATED IMPACT OF DISTRICT CONTROL MEASURES



Chapter 5: On-Road TCMs & Vehicle Activity

- **Transportation Control Measures (TCMs)** reduce emissions from on-road vehicles by:
 - 1) improving the existing transportation system to allow vehicles to operate more efficiently;
 - 2) inducing people to change their travel behavior to less polluting modes; or
 - 3) ensuring new emission control technologies are expeditiously adopted.
- **SBCAG is responsible for developing new TCMs.**
 - New projects continue to be implemented under the existing TCMs.



Chapter 6: Voluntary Grant & Incentive Strategies

Grant Programs



Incentive Strategies



Chapter 7: Attainment Strategy

- Connects key points from previous chapters.
- Summarizes how the District plans to attain the state ozone standard:
 - 1) Stationary Source Program
 - 2) Emission Inventory Tracking
 - 3) Land-use/CEQA Review
 - 4) Transportation Control Measures
 - 5) CARB Mobile Source Strategy
 - 6) Voluntary Grant & Incentive Strategies
 - 7) Prescribed Burn Program
 - 8) Public Awareness and Education

Closing Remarks

- **Public Review:**

- **August 27, 2026:** District staff presented the draft of the 2026 Ozone Plan to the CAC at a public meeting at the Buellton library.
- CAC members made a unanimous recommendation that the District Board adopts the 2026 Ozone Plan.

- **Staff Recommendation:**

- Adopt the resolution, which includes:
 - CEQA Addendum to the 2010 Clean Air Plan EIR,
 - CEQA Findings, and
 - 2026 Ozone Plan.
- Authorize the APCO to transmit the 2026 Ozone Plan to CARB.

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