

# ATTAINMENT PLAN WEBINAR HOUSEKEEPING



- **Workshop is being recorded. Recording will be posted on APCD's Air Quality Planning webpage as soon as possible. Presentation will be posted to the Air Quality Planning webpage tomorrow.**
- **Attendees are muted by default. Designated presenters can be unmuted.**
- **Submit comments in writing using the Q&A function in BlueJeans. APCD staff will attempt to answer comments at the conclusion of the presentation.**
- **Comments may also be submitted via email to Nick Cormier at [nick.cormier@sdcounty.ca.gov](mailto:nick.cormier@sdcounty.ca.gov) no later than July 31, 2020.**
- **Comments received will be addressed in Workshop Report, that will be sent to all attendees via email in August.**



# **Draft Plan to Attain National Ozone Standards In San Diego County**

## **Public Workshop**

**July 9, 2020  
July 13, 2020**

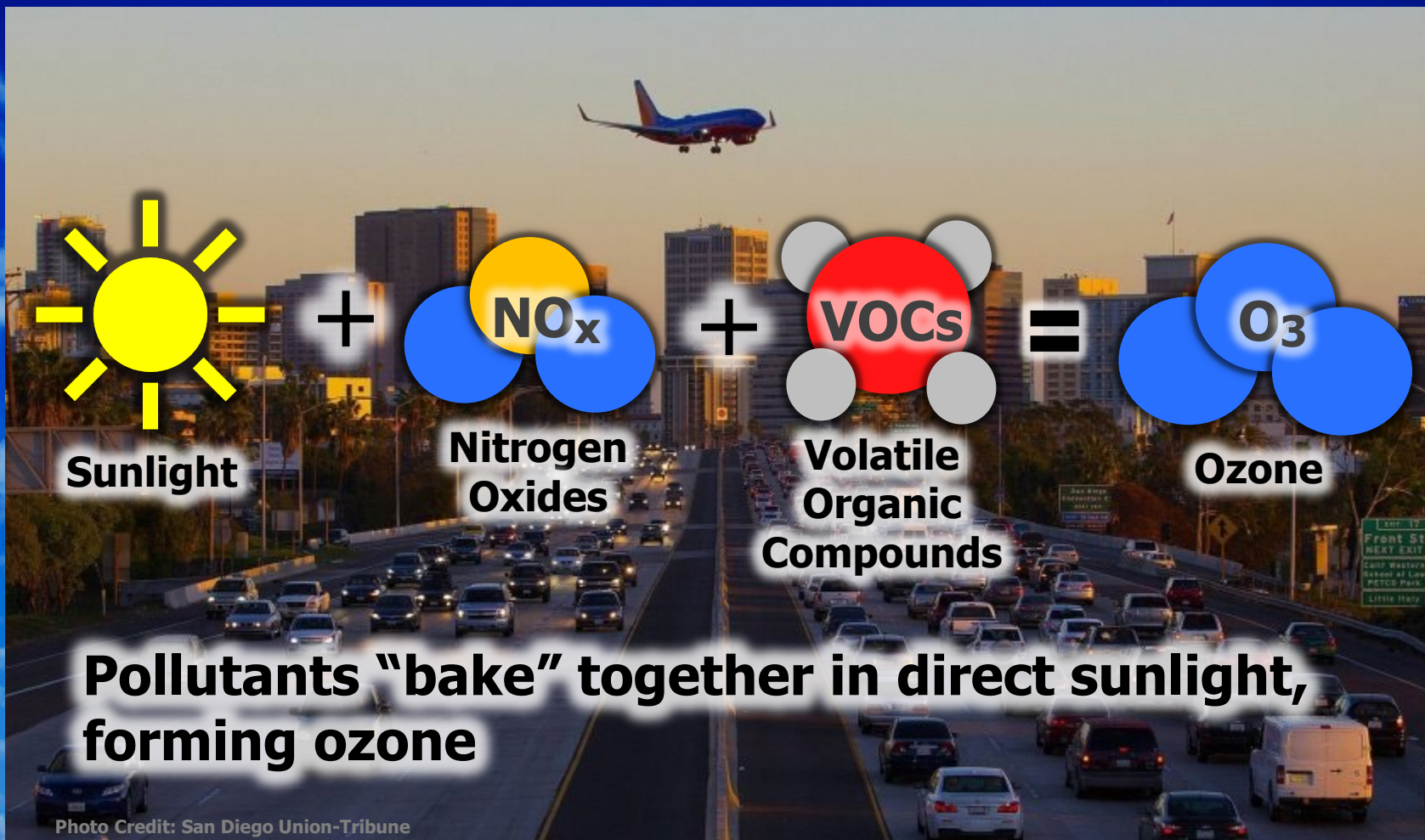
# WHAT WE'LL COVER TODAY



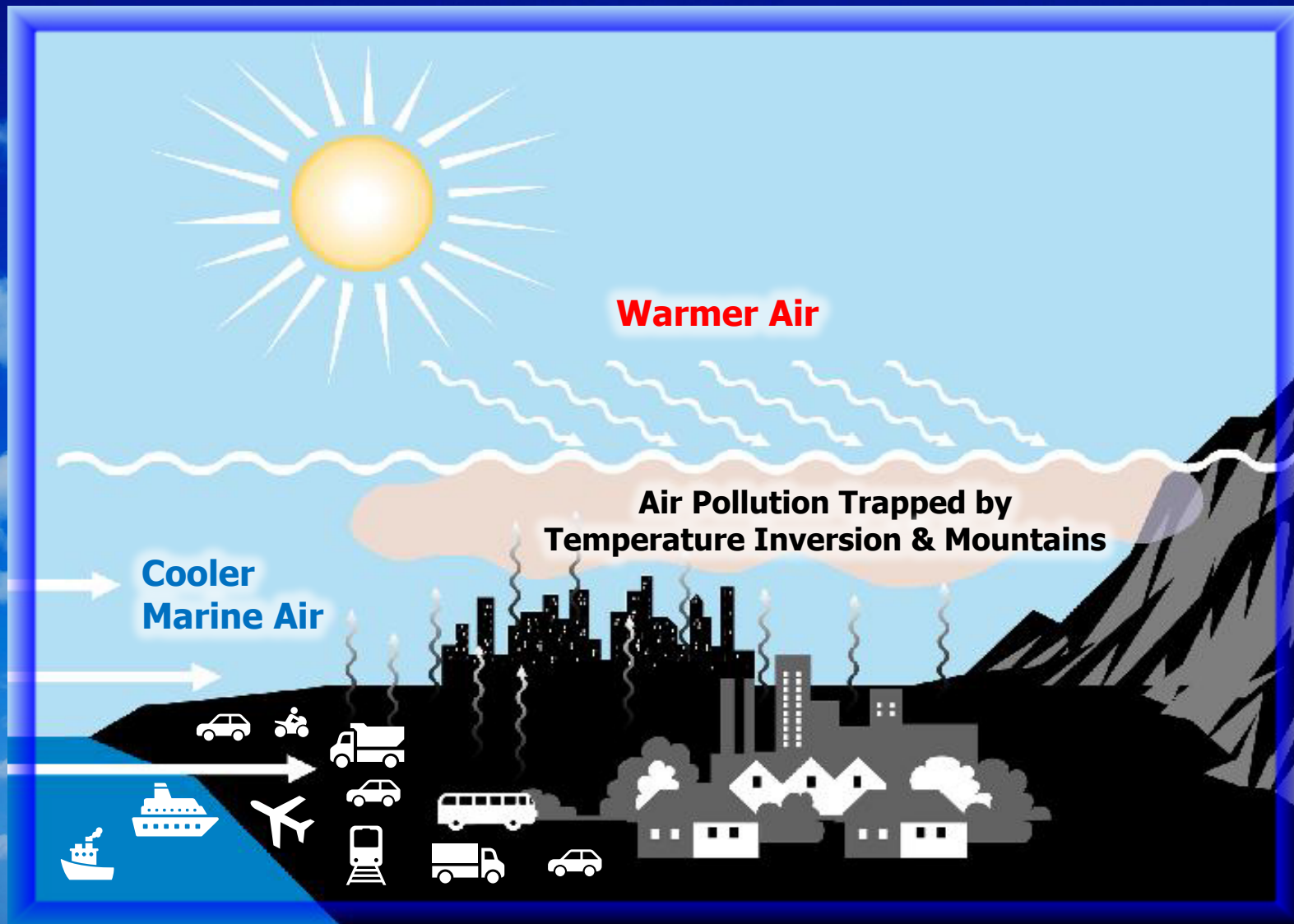
- **Ozone pollution & health impacts**
- **Responsible agencies**
- **What we've done, what we still need to do**
- **Draft ozone attainment plan**
- **What it means for businesses**
- **Next steps**
- **Questions/comments**



# WHAT CAUSES OZONE POLLUTION?



# OZONE POLLUTION IN SAN DIEGO COUNTY





# **CLEANER AIR FOR IMPACTED COMMUNITIES**



## **➤ Community Air Protection – AB 617 (2017)**

- **Measure & reduce localized air pollution in disadvantaged communities**

## **➤ Portside Environmental Justice Community**

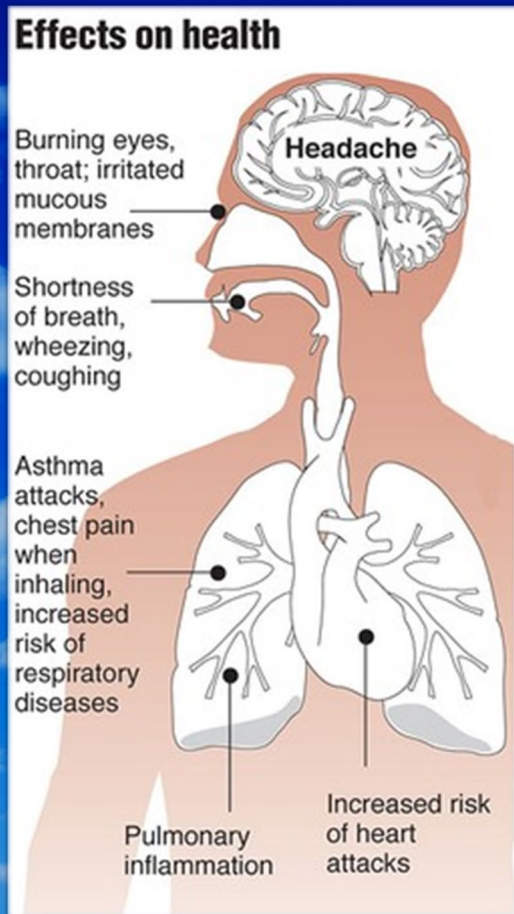
- **Barrio Logan, Logan Heights, Sherman Heights, & western National City**

## **➤ Community Emissions Reduction Program**

- **Incentives, regulatory, land use, transportation**



# OZONE EFFECTS ON HEALTH



## Who is most at risk?

- Children & seniors
- People with asthma, bronchitis or COPD
- Those who spend more time outdoors

## When & where are risks highest?

- Spring & summer afternoons
- Inland areas

# PARTNERS FOR CLEAN AIR



## U.S. Environmental Protection Agency



- EPA regulates interstate-traveling mobile sources & major stationary sources

## California Air Resources Board



- CARB regulates in-state mobile sources & consumer products

## Air Pollution Control District

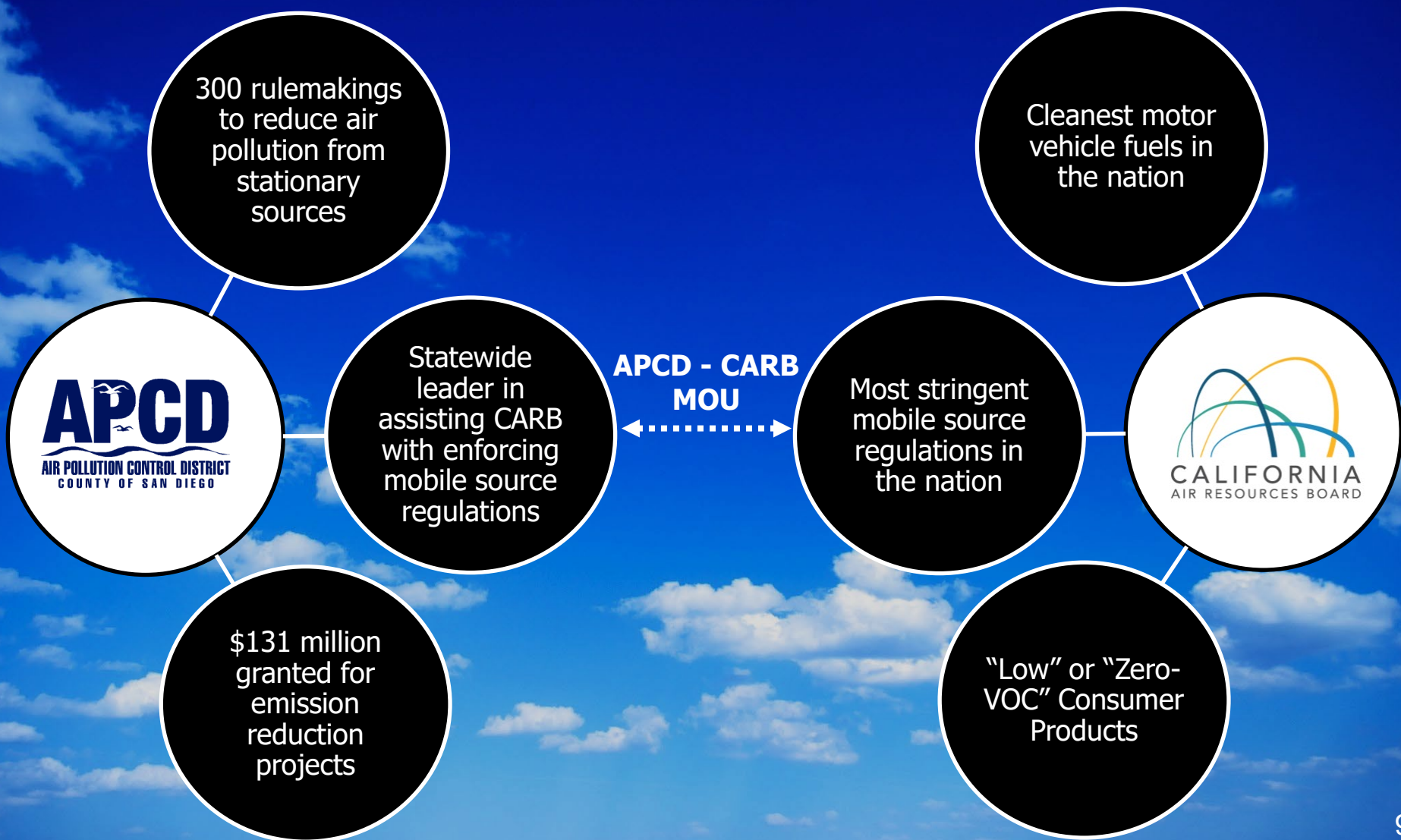


## San Diego County

- APCD regulates stationary sources



# CLEAN AIR ACTIONS

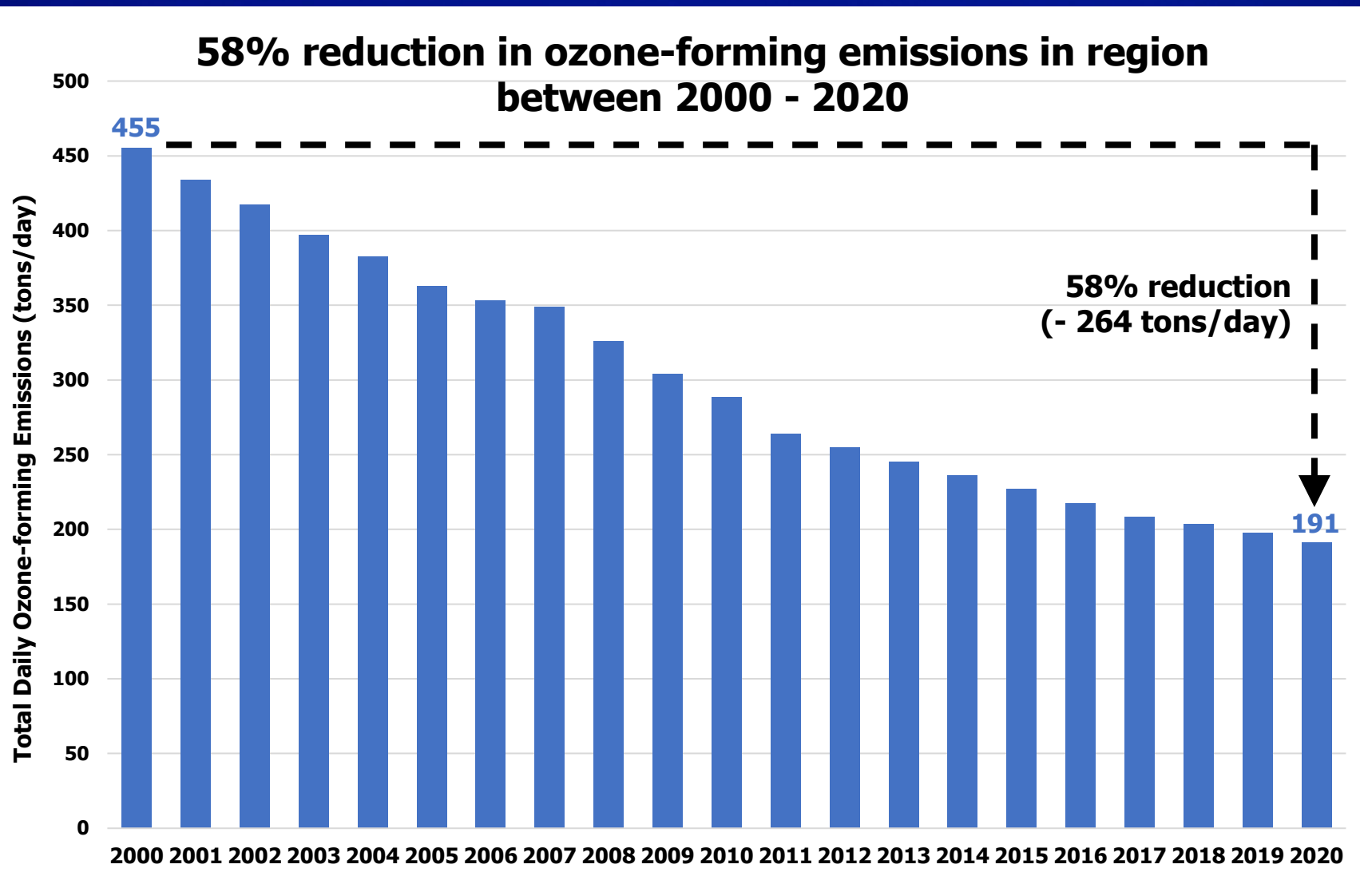


# CLEAN AIR ATTAINMENT STATUS



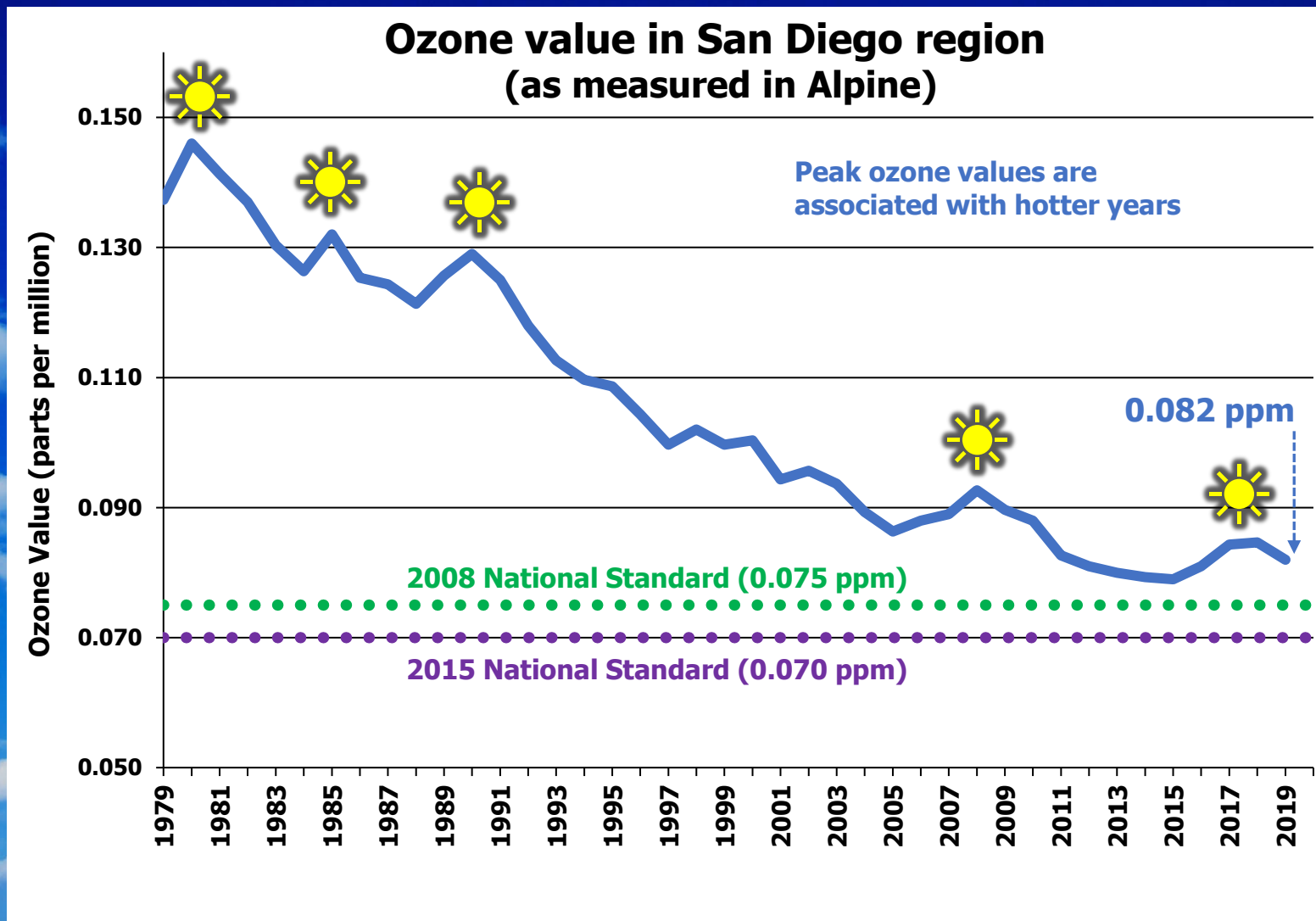
Applicable Pollutant	National Ambient Air Quality Standard
Particulate Matter	Attainment
Carbon Monoxide	Attainment
Lead	Attainment
Nitrogen Dioxide	Attainment
Sulfur Dioxide	Attainment
Ozone	Non-Attainment

# EMISSION CONTROLS ARE WORKING





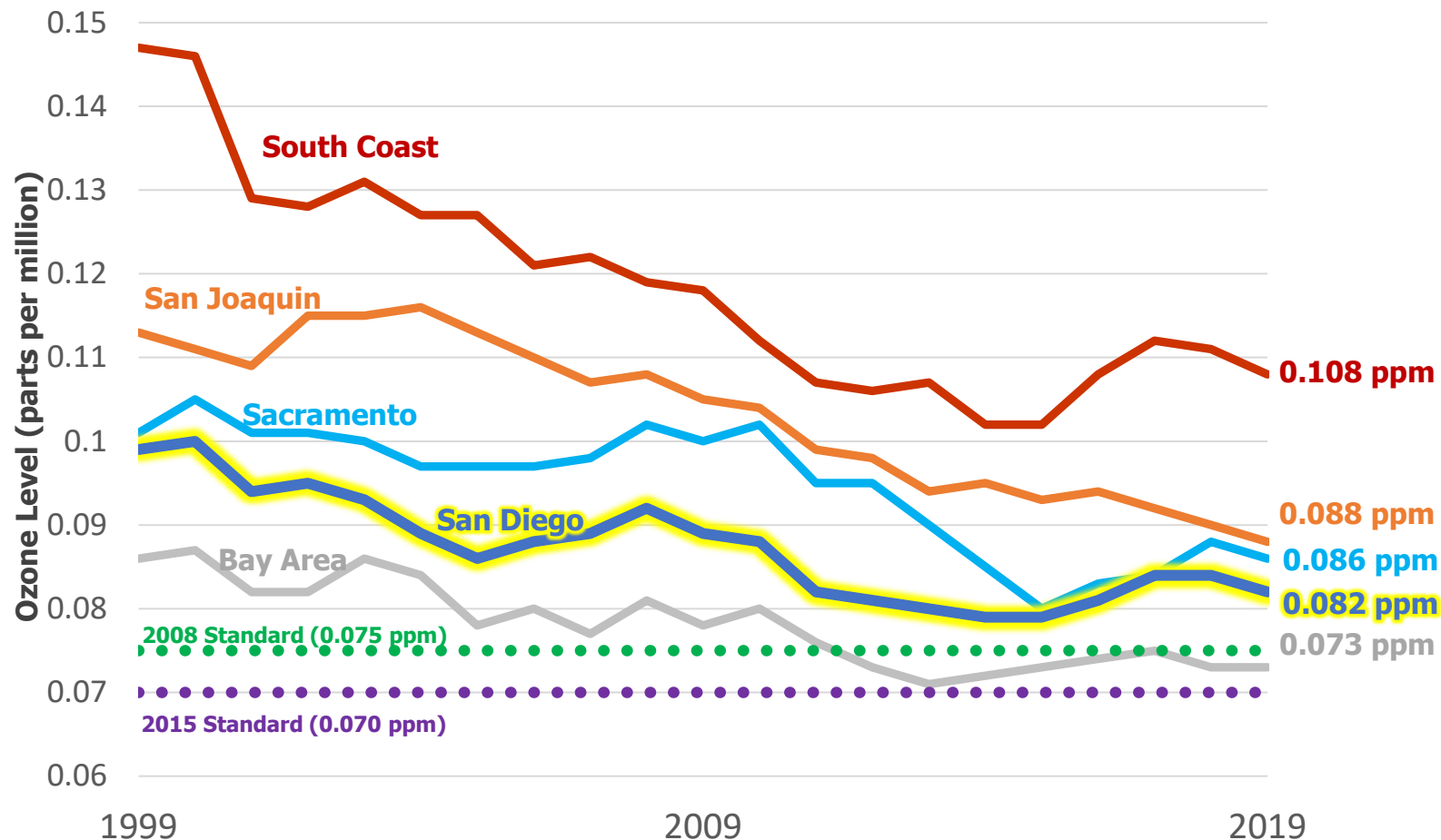
# OZONE POLLUTION HAS DROPPED OVERALL



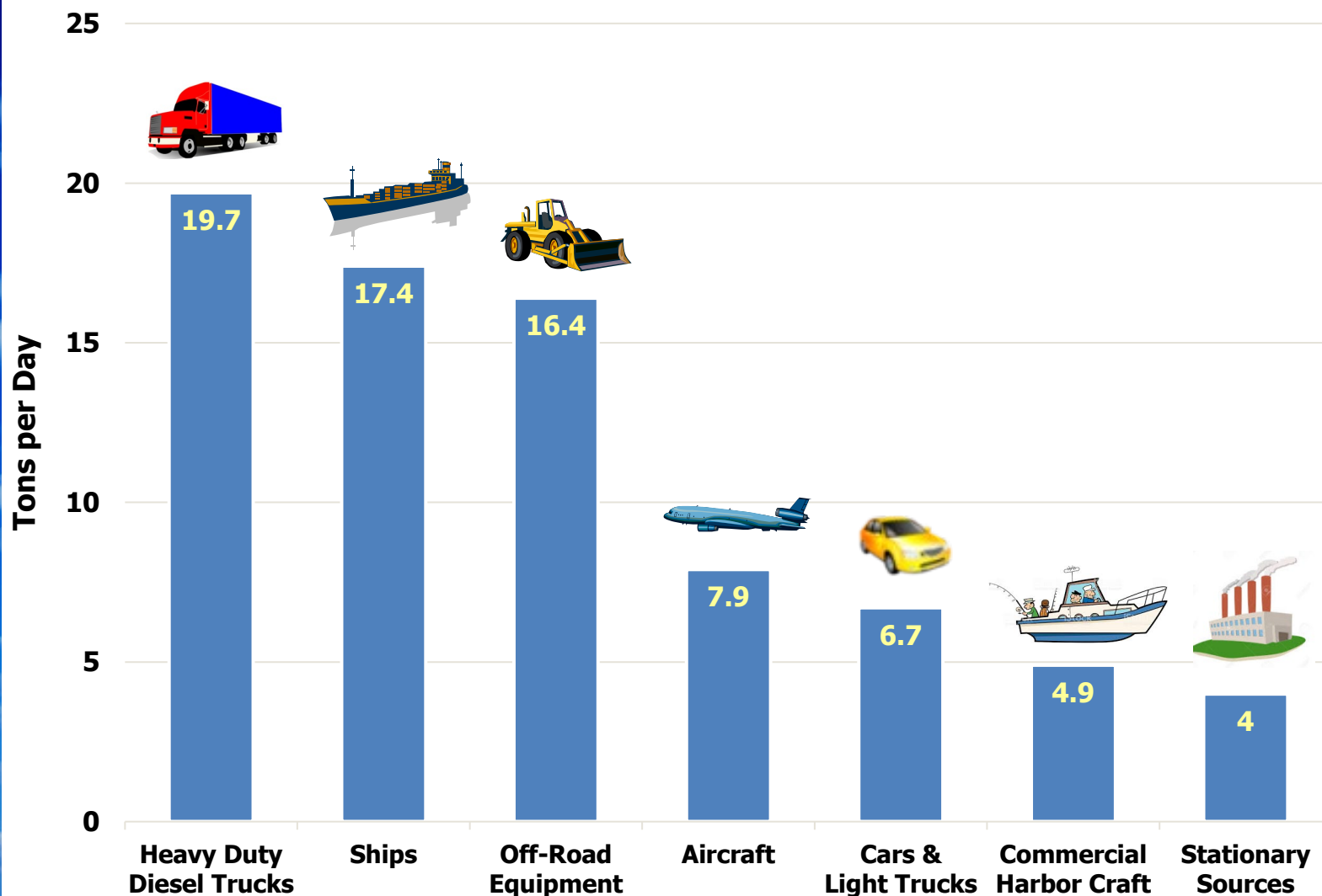
# HOW DO WE COMPARE?



## Statewide Ozone Trends



# REGION'S TOP SOURCES OF NO<sub>x</sub> EMISSIONS





# TEMPERATURES ARE RISING



Annual Average Temperatures at San Diego International Airport, 2000-2019



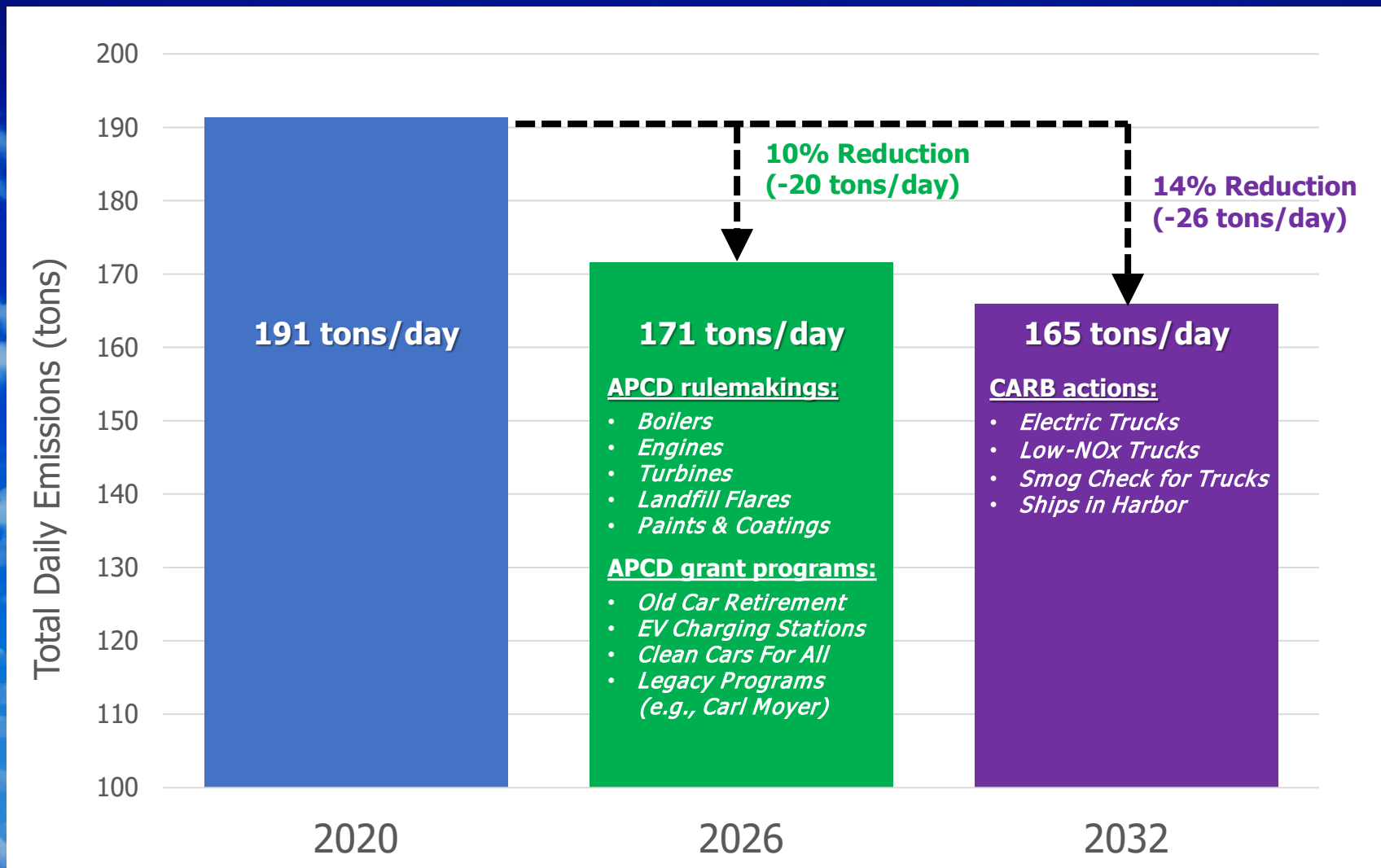
# "TON PER DAY" COMPARISON

**1 Ton/Day  
of NO<sub>x</sub> emissions**

**=**

**350,000  
passenger cars**

# TOTAL EMISSIONS WILL FURTHER DECLINE

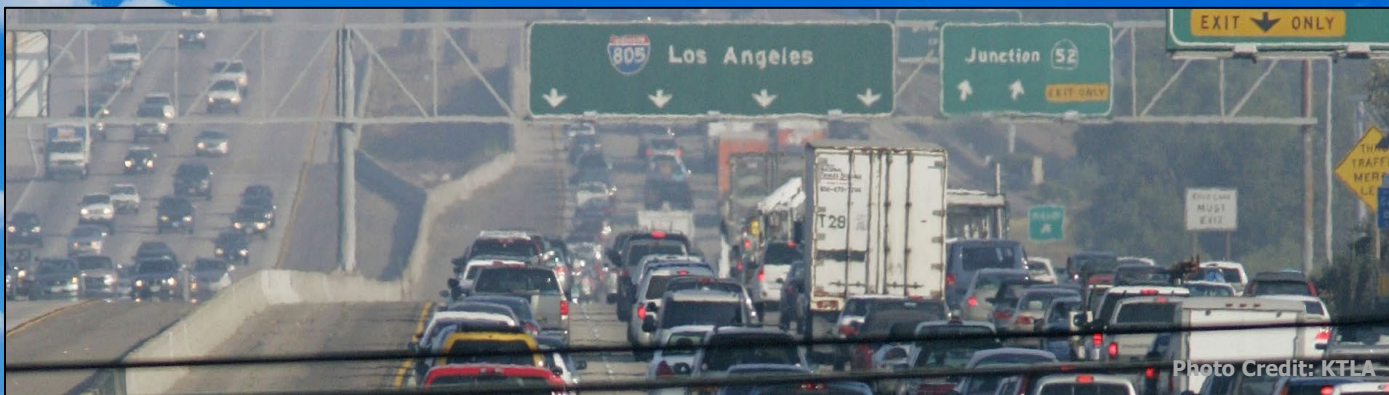
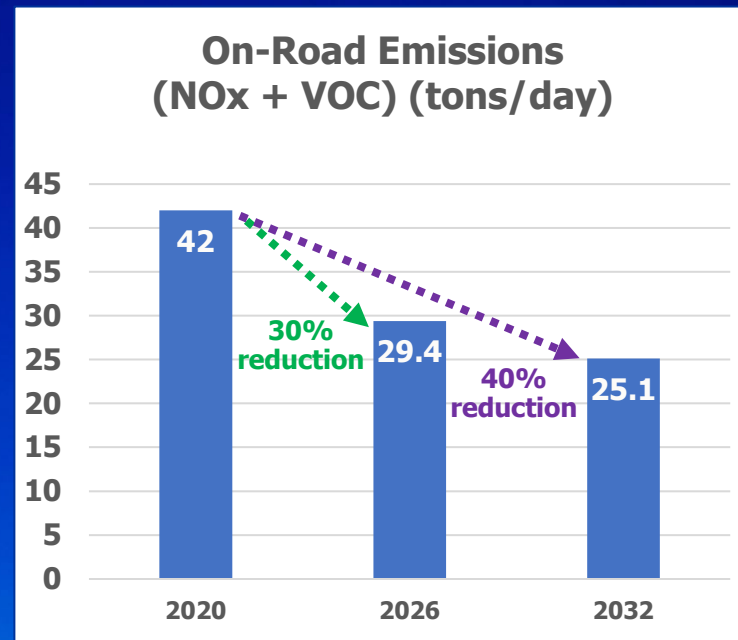




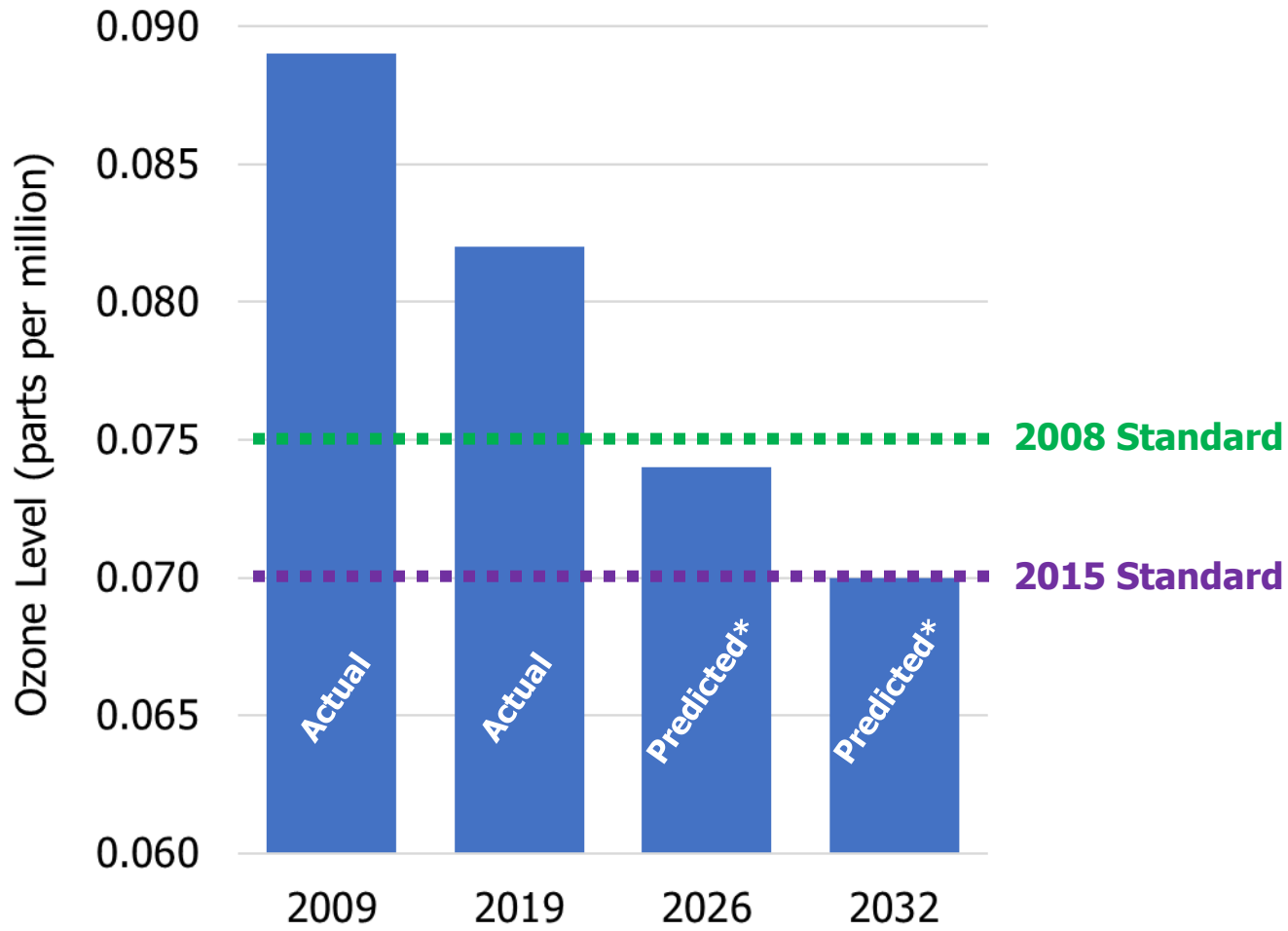
# THREADING WITH TRANSPORTATION AGENCIES



- Working together to reduce transportation-related air pollution
- On-road emissions forecasted to drop
  - 30% by 2026
  - 40% by 2032
- Draft ozone attainment plan requires these emissions reductions



# OZONE ATTAINMENT IS PREDICTED IN 2026 & 2032



**\*San Diego's future ozone levels predicted by CARB's air quality model**

# ATTAINMENT LABELS & DEADLINES



**Attain by 2026**

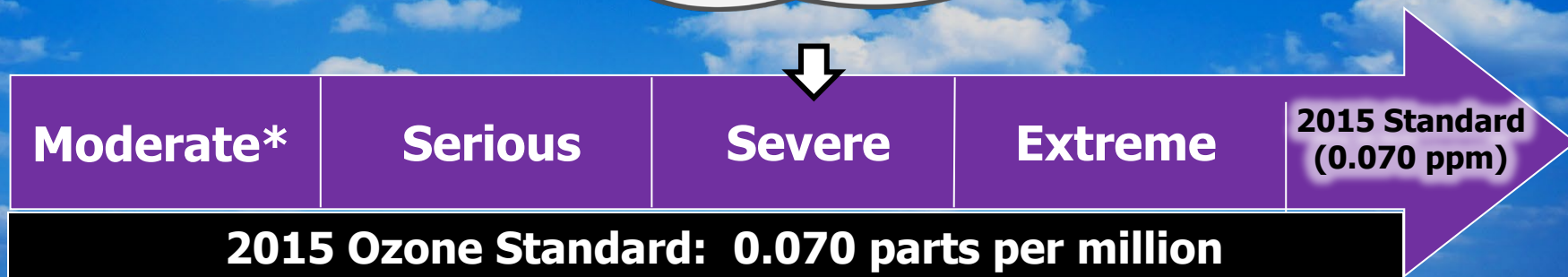
Region's predicted attainment date  
corresponds to a severe classification



\*Region's existing classification

**Attain by 2032**

Region's predicted attainment date  
corresponds to a severe classification



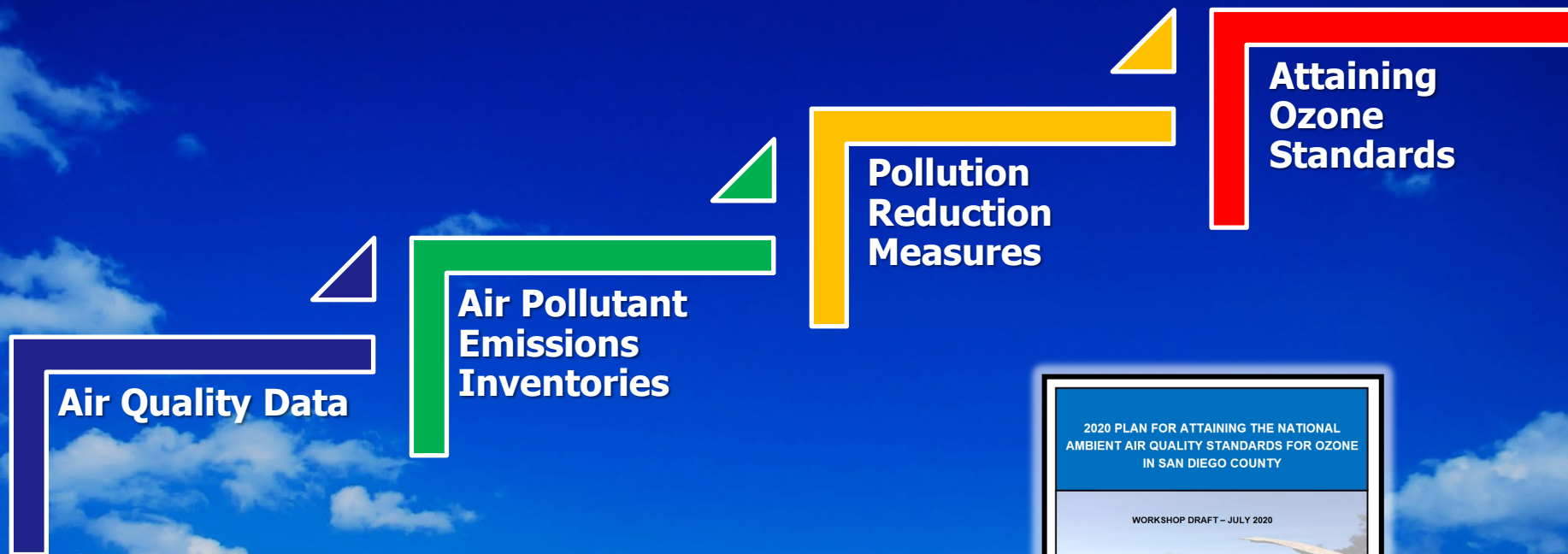
\*Region's existing classification



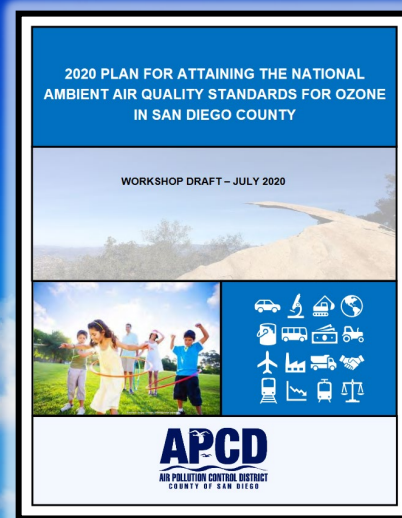
# BUSINESS IMPACTS OF SEVERE CLASSIFICATION



Program	More Restrictive Permit Requirements	
	Serious	Severe
<b>Federal Permit Program for Existing Major Sources</b> (Additional monitoring, reporting)	Facilities emitting $\geq 100$ tons/year (32 existing sources)	Facilities emitting $\geq 25$ tons/year (up to 25 additional sources)
<b>New Source Review Program for New/Modified Major Sources</b> (Advanced controls, Emissions Offsets)	Facilities emitting $\geq 50$ tons/year (new or modified sources only)	Facilities emitting $\geq 25$ tons/year (new or modified sources only)
<b>New Source Review Emissions Offsetting Ratio</b>	1.2-to-1	1.3-to-1



Available on APCD's website:  
<https://tinyurl.com/AirQualityPlan>



# DRAFT OZONE PLAN ELEMENTS



Section 1		Section 2		Section 3		Section 4	
Introduction		"General" Requirements shared between both NAAQS		Requirements for 2008 Ozone NAAQS		Requirements for 2015 Ozone NAAQS	
Ozone Background		Emissions Inventory		On-Road Motor Vehicle Emissions Budgets		On-Road Motor Vehicle Emissions Budgets	
Transport Effect of South Coast Air Basin		Local Emissions Statement Rule Certification		Vehicle Miles Traveled (VMT) Offset Demonstration		Vehicle Miles Traveled (VMT) Offset Demonstration	
Tribal Nations		New Source Review (NSR) Program Certification		Reasonably Available Control Measures (RACM) Analysis		Reasonably Available Control Measures (RACM) Analysis	
Reclassification Request to Severe		Historical Emissions Control Measures Certification		Reasonable Further Progress (RFP) Demonstration		Reasonable Further Progress (RFP) Demonstration	
		Military Emissions		Future Milestone Compliance Demonstrations (MCDs)		Future Milestone Compliance Demonstrations (MCDs)	
		San Diego International Airport Emissions		Future Clean Air Act Section 185 Fee Rule Commitment		Future Clean Air Act Section 185 Fee Rule Commitment	
				Attainment Demonstration and Weight of Evidence (WOE)		Attainment Demonstration and Weight of Evidence (WOE)	
				Contingency Measures		Contingency Measures	
				Reasonably Available Control Technology (RACT) Demonstration (under separate cover)		Reasonably Available Control Technology (RACT) Demonstration (under separate cover)	

# PLANNED OUTREACH

## *COMMUNITY*

**Public Citizens**

**Environmental Health Coalition**

**Casa Familiar**

**American Lung Association**

**Community Planning Groups**

**AB 617 Steering Committee**

**Sierra Club**

## *BUSINESS/INDUSTRY*

**Industrial Environmental Association**

**APCD Permit Holders**

**Military (Navy/Marines)**

**Chambers of Commerce**

## *GOVERNMENT*

**Cities**

**SANDAG**

**CARB**

**EPA**

**Tribal Nations**

**SD Regional Airport Authority**

**MTS**

**NCTD**

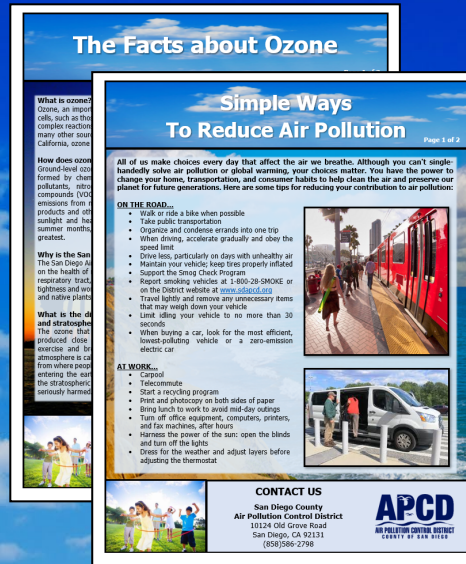


# PLANNED NEXT STEPS

Action	Schedule
Release Draft Document & Notice of Workshop	July 1, 2020
Advisory Committee Meeting	July 8, 2020
Public Workshops (2 webinars)	July 9, 2020 July 13, 2020
Comments Due	July 31, 2020
Advisory Committee Meeting	August 2020
APCD Board Meeting	September 2020
CARB Board Meeting	October 2020

## San Diego County APCD <https://tinyurl.com/AirQualityPlan>

**Draft ozone plan & fact sheets are available on the APCD website**



## Comments / Questions?

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- **Nick Cormier (858) 586-2798**  
[Nick.Cormier@sdcounty.ca.gov](mailto:Nick.Cormier@sdcounty.ca.gov)



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## **Questions**