



ENVIRONMENTAL HEALTH COALITION

EMPOWERING PEOPLE. ORGANIZING COMMUNITIES. ACHIEVING JUSTICE.

ENVIRONMENTAL JUSTICE

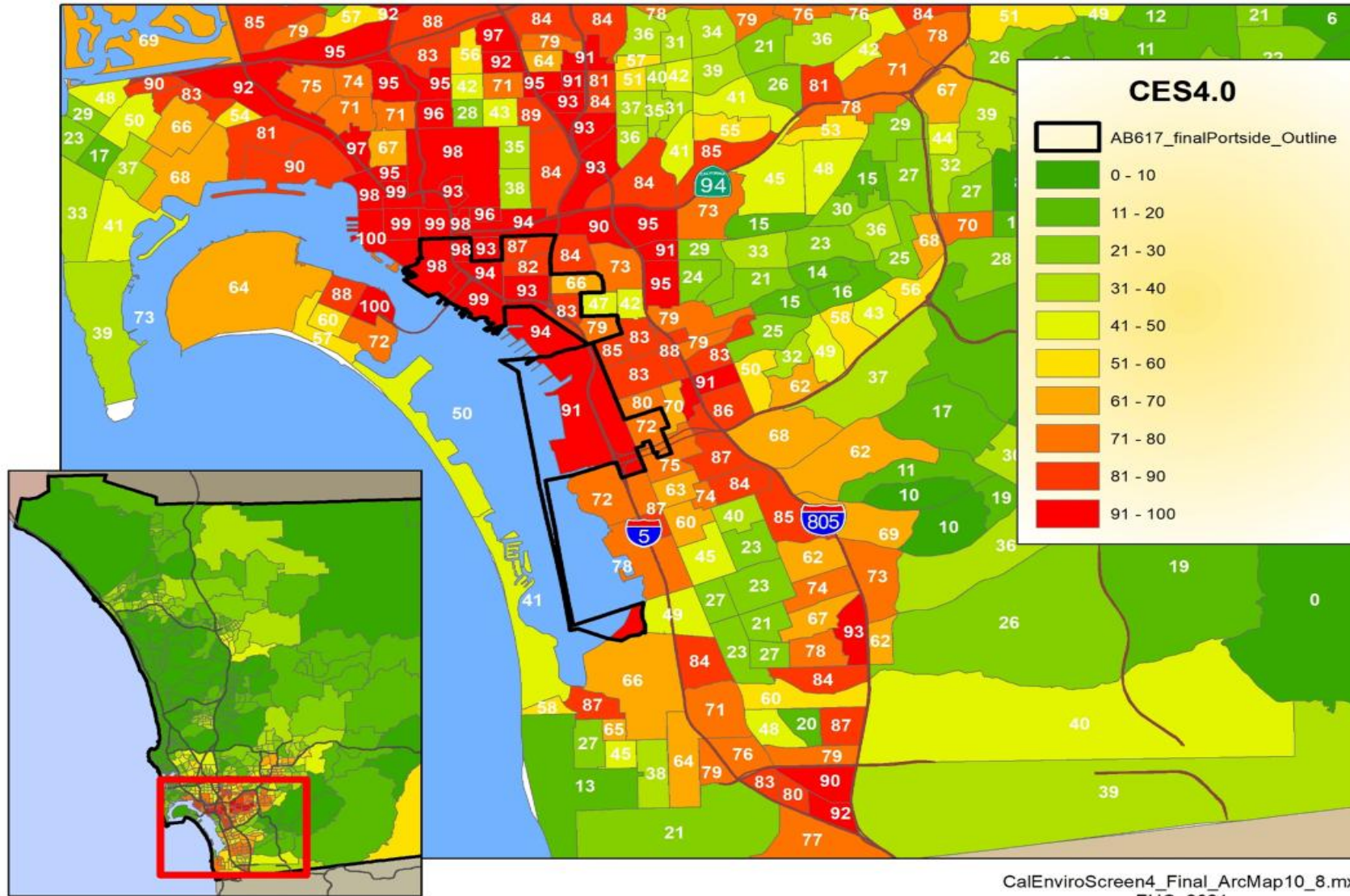
“The right of all people and communities to live, work and play in a clean and safe environment.”



Impacted Neighborhoods

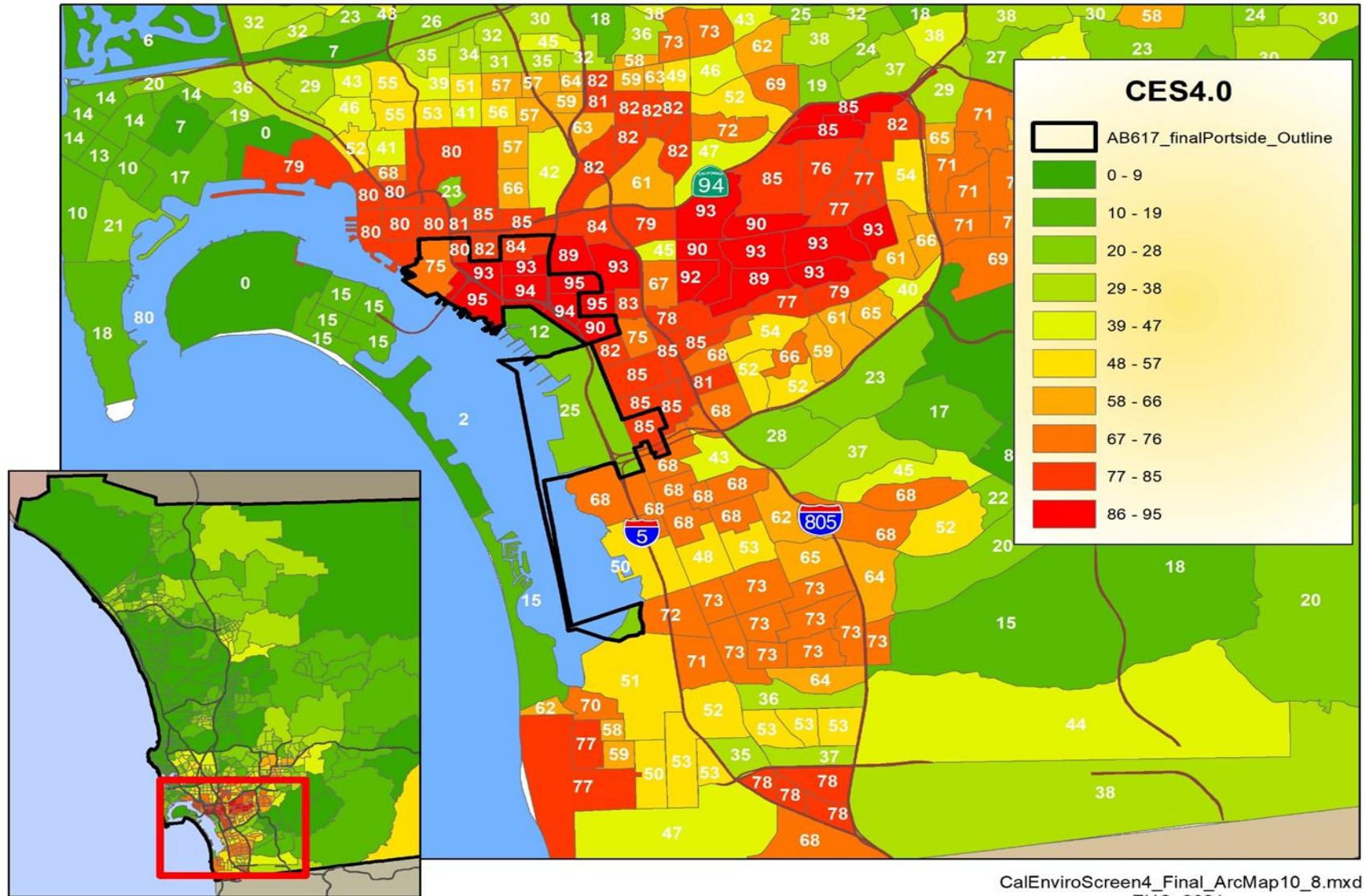


CalEnviroScreen 4.0 Final, Diesel PM Percentiles

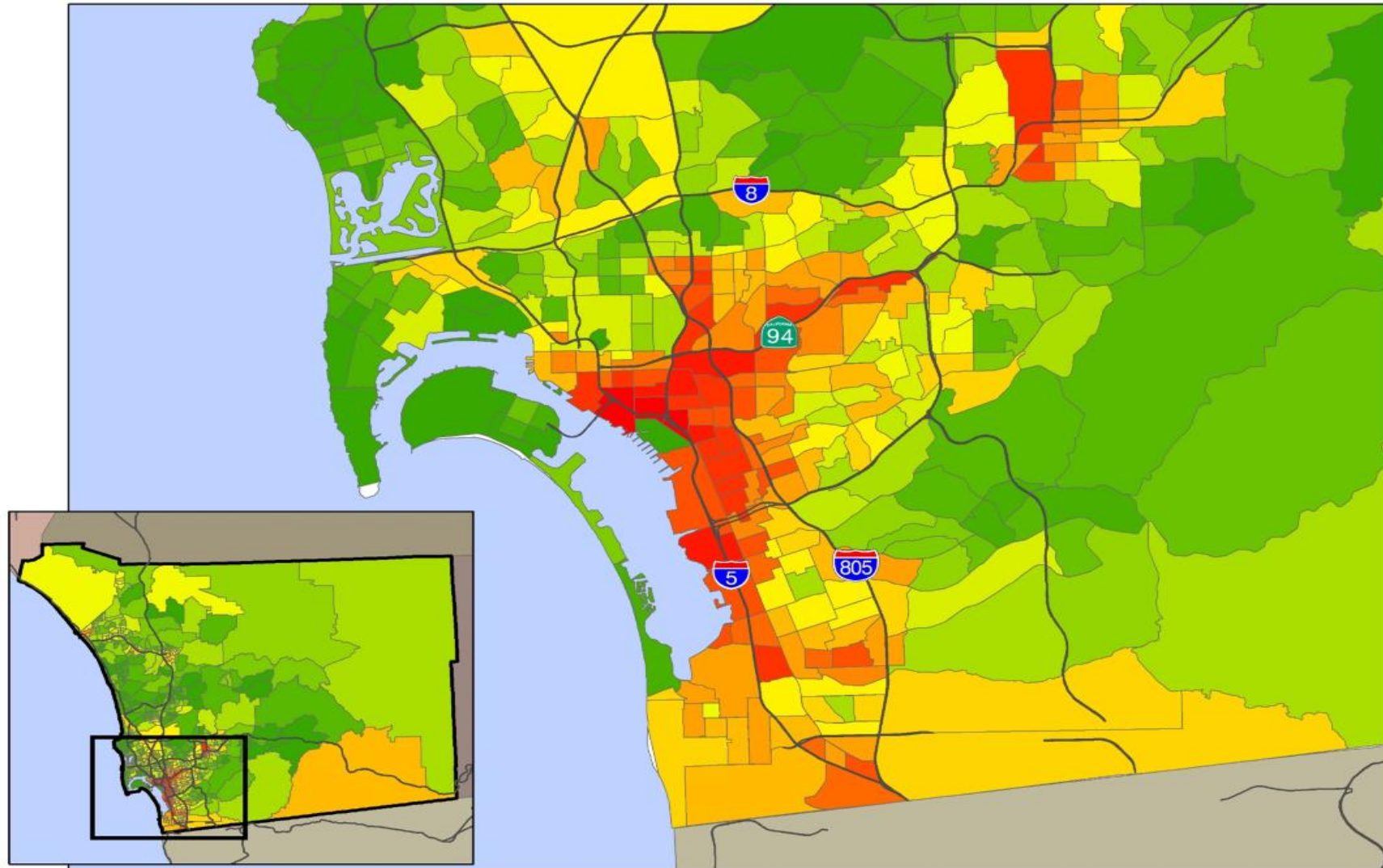


CalEnviroScreen4_Final_ArcMap10_8.mxd
EHC, 2021.

CalEnviroScreen 4.0 Final, Asthma ER Percentiles

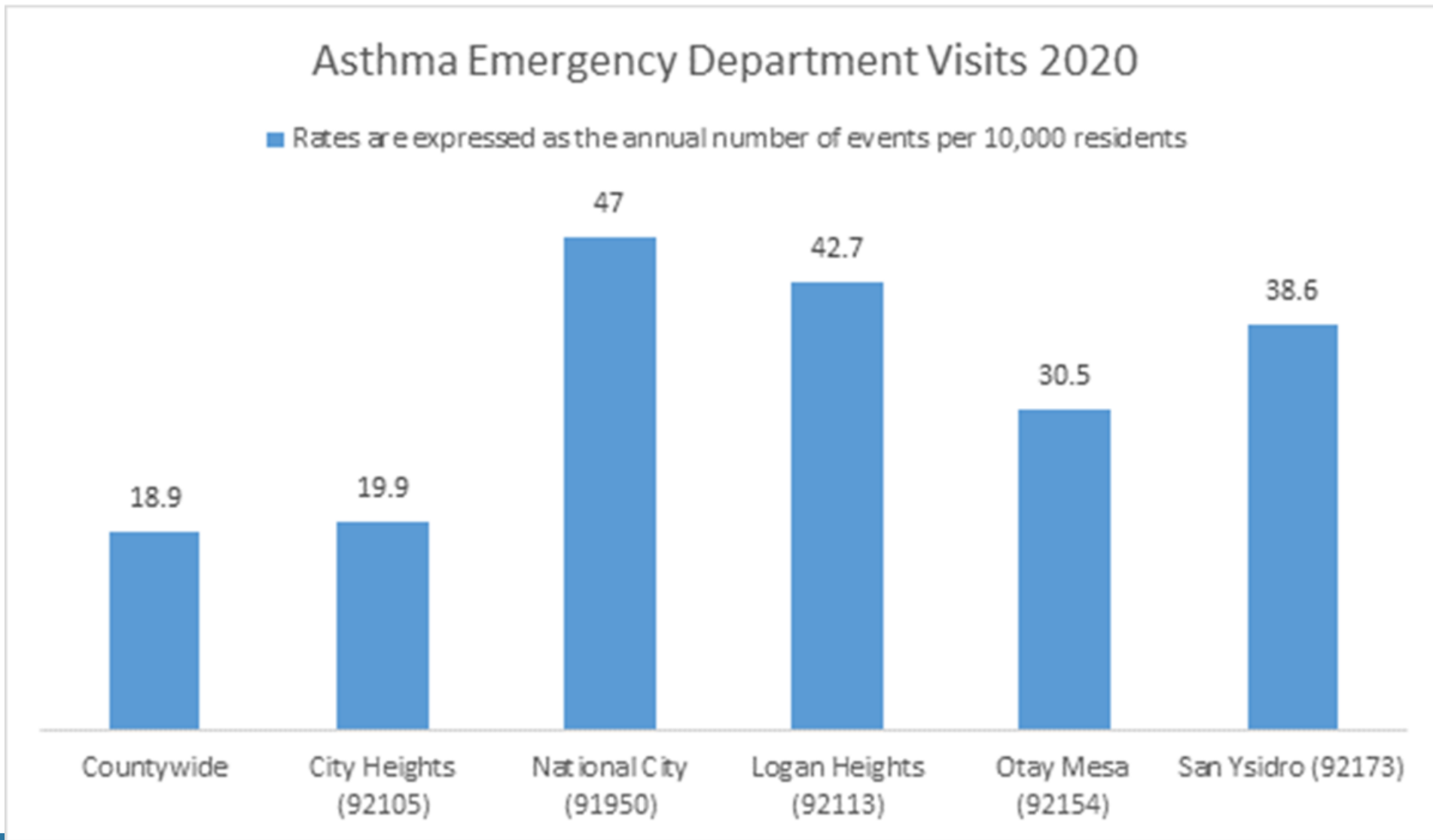


CalEnviroScreen 4.0 Final, Overall Percentiles, San Diego County



CalEnviroScreen4_Final_ArcMap10_8.mxd
EHC, 2021.

HEALTH IMPACTS



SOURCES OF POLLUTION



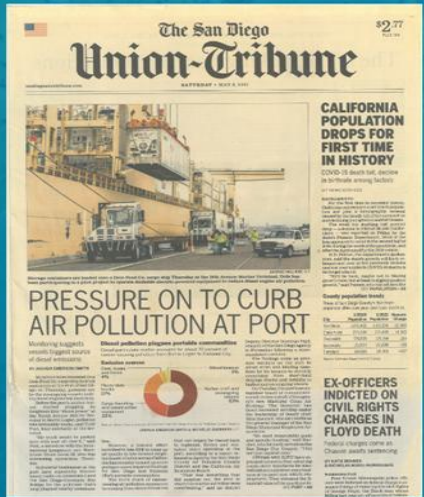
COMMUNITY ACTION TEAMS



Maritime Clean Air Strategy

100% Pollution-Free Trucks by 2030

at the Port of San Deigo



WE GOT LOUD 2021

Breathing some of the most harmful air in the state, Barrio Logan residents and neighboring Portside communities demanded no more deadly diesel-polluting trucks driving past their homes and schools heading to and from the Port of San Diego.

AND WON

After feeling the community pressure, Port Commissioners passed the most ambitious Maritime Clean Air Strategy in the state with the goal to transition to 100% pollution-free trucks by 2030 - five years ahead of the state's goals.

-  +300 emails sent
-  +260 signatures collected
-  XX community testimonies

The San Diego Union-Tribune

Residents in Barrio Logan experience asthma at more than twice the national average, and the risk of cancer is in the 80th to 90th percentile, according to the U.S. Environmental Protection Agency.



Marissa Garcia, a community member in Barrio Logan, San Diego, CA, who grew up and lives in the area, has started working with community groups to clean up the air pollution that has impacted her family for generations. (Eduardo Contreras/The San Diego Union-Tribune)



Overall Emissions

2024 Maritime Air Emissions Inventory

percent change since 2019



137%



increase in use of electric cargo handling equipment has helped decrease diesel particulate matter emissions since 2019



85%



of vessel calls at the Cruise Ship Terminals connected to Shore Power during the 2024 calendar year



77%



of vessel calls participated in the Port's Vessel Speed Reduction Program, 40 nautical miles seaward from Point Loma, from July 2024 through June 2025



52%



reduction in electricity costs from the use of Tenth Avenue Marine Terminal's Microgrid System from July 2024 through June 2025



32%



reduction in diesel particulate matter emissions from assist tug activity serving the two marine cargo terminals due to operation of Crowley's all-electric tugboat in 2024

MCAS Highlights

- \$227 Million Committed to Maritime Electrification & Freight Efficiency/ **227 millones de dólares comprometidos con la electrificación marítima y la eficiencia del transporte de carga**
- Zero Emission fleet/trucks **Flota/camiones de cero emisiones (SkyCharger)**
- Harbor Drive 2.0
- Tenth Avenue Marine Terminal Microgrid **Terminal Marítima de la Décima Avenida Microrred**
- Electric Cargo Handling Equipment **Equipo de Manipulación de Carga Eléctrico**

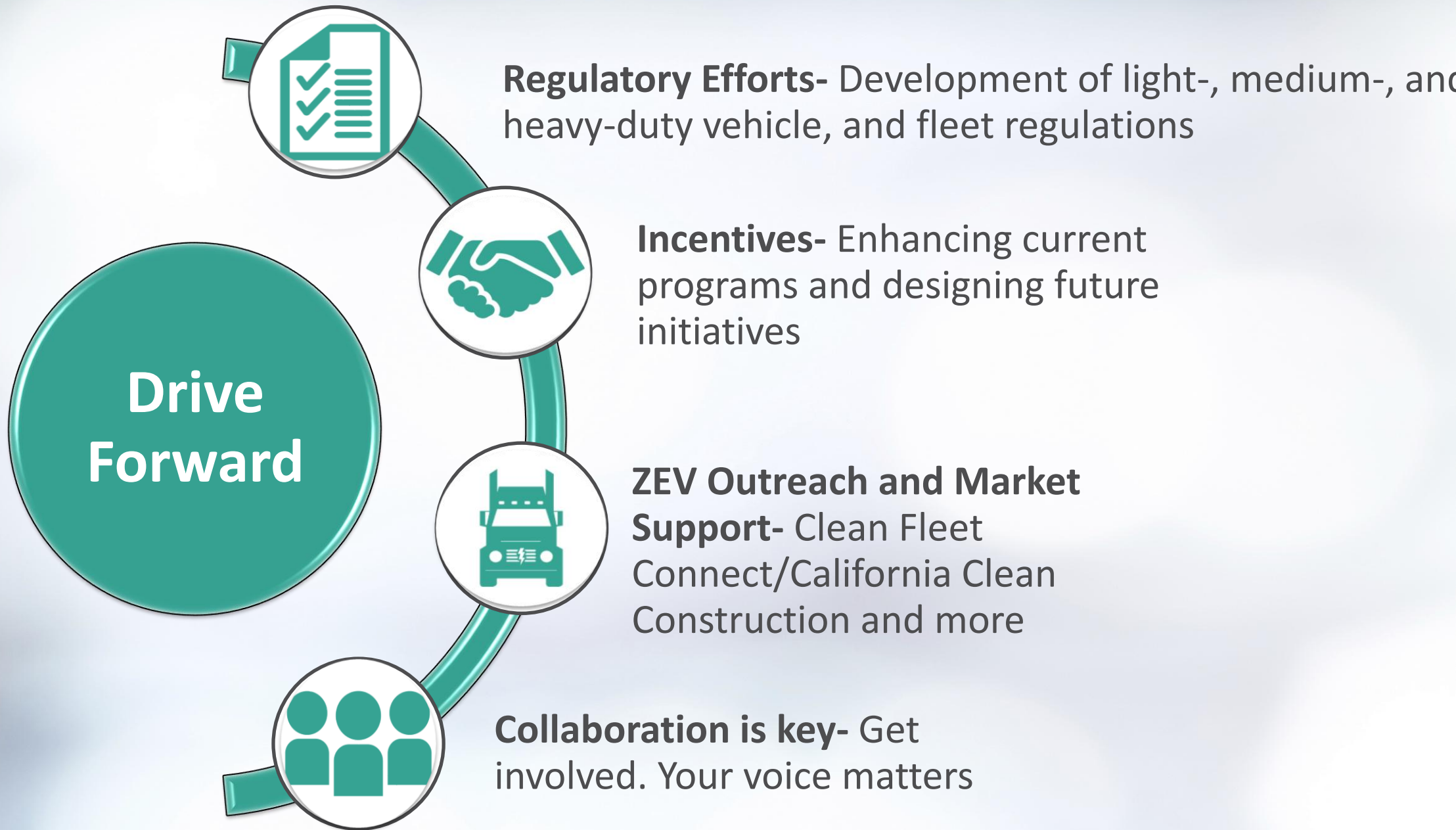


Drive Forward Town Hall ZEV Showcase

**April 29, 2026
San Diego, CA**

Today's Landscape



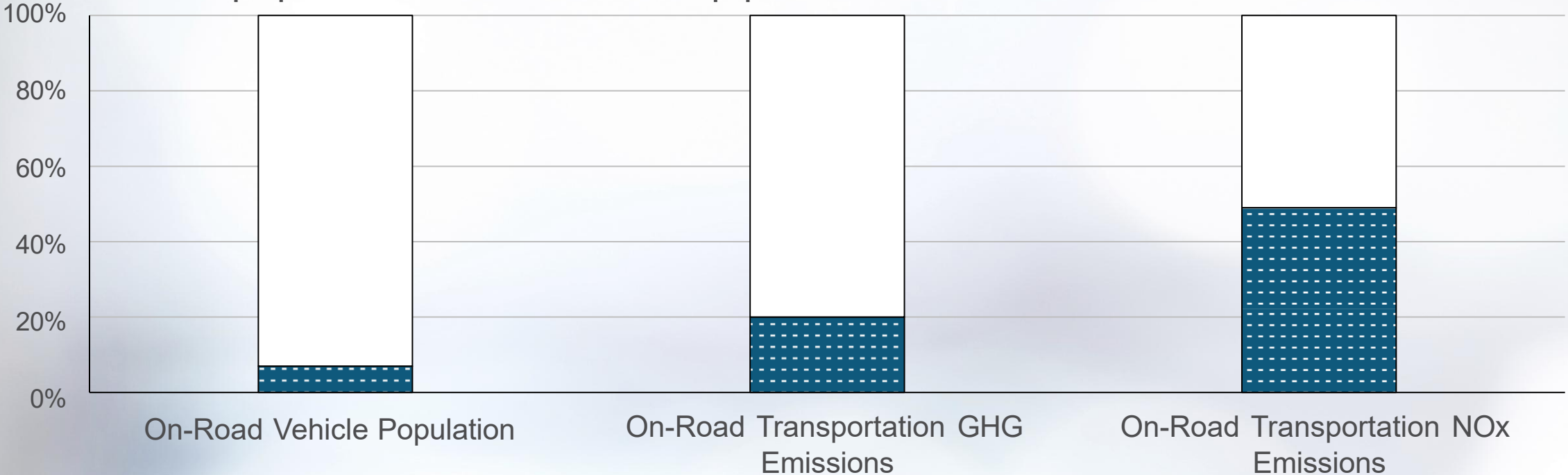


The Importance of Addressing Truck Emissions

Trucks only make up 7% of the state's vehicle population...

...but represent 20% of on-road transportation greenhouse gas (GHG) tailpipe emissions...

...and nearly half of on-road transportation NOx emissions



■ Medium- and Heavy-duty Vehicles □ Rest of the Fleet

*Data from EMFAC2025v2.0.0 for 2025 calendar year

Principles for Potential New Heavy-duty Rules

- Protect public health with a focus on overburdened communities
- Achieve cost-effective and technologically feasible emission reductions
- Simple and streamlined compliance and enforcement
- Maintain a level playing field
- Incentivize early action
- Avoid unintended consequences for businesses and consumers



Scope of Potential Heavy-duty Rules

- General focus on medium- and heavy-duty vehicles
 - Gross vehicle weight rating (GVWR) >8500 lbs.
- Suggestions from the public apply to:
 - Manufacturers
 - Vehicle owners and operators, and
 - Other entities that hire truck services



Fleet Owner Framework Concepts

- Retire and replace*
 - Retire vehicle at end of useful life
 - Replace with new or used best available control technology
- Green zones*
 - Establish zones or regions that only cleaner vehicles can enter
- Clean Mile Standard for heavy-duty*
 - Establish a percentage of miles that must be driven with cleaner vehicles
- Fleet emissions target
 - Meet a NOx or GHG emission target based on fleet average

Hiring Entity Concepts

- Hiring requirements*
 - Entities must hire fleets that meet existing fleet rule requirements
- Green contracting*
 - Entities hiring Class 7-8 tractors must hire green fleets (i.e.. fleets that voluntarily exceed the minimum requirements)
- Could apply to shippers, third party logistics, other hiring entities

*Ideas collected from public input at ZEV Forward Dialogue Sessions

We Want to Hear from You

- Are there other frameworks to be considered?
- What entities should be included?
- Should requirements differ by industry/by sector?
- What trucks are most suited to be zero emission in the short term?
- What considerations should be given for fleets that took early action?

Getting More Input

- Which organizations, associations, or groups should we meet with?
- What methods should we use to collect feedback?
- What types of events should we attend to ensure that we meet with broad and diverse audiences?

We want to ensure that all voices are heard

Drive Forward Schedule

2025 – Build & Launch

- Portal launch with form
- Develop materials
- Initial workshops

2026 – 2027
Deep Engagement

- In-person events
- Community and fleet listening sessions
- Tribal engagement
- Public workshops

2027 – 2028
Proposals & Board Meetings

- Proposals
- Board meetings
- Share what we heard
- Continue discussions
- Evaluate effort

Upcoming 2026 Meetings & Events

Event	Date
Clean Transportation Equity Symposium (Sacramento): CarbSymposium.org	May 5
One Stop Truck Event: Bakersfield: arb.ca.gov/OneStopTruckEvent	May 15
Evening Community Meeting*	May 19
Valley Vision Drive Forward Listening Session (Sacramento): arb.ca.gov/Events-TruckStop	May 20
Zero-emission Bus Workforce Roadmap Tribal Community Session (Virtual): arb.ca.gov/Events-TruckStop	May 28
Drive Forward Fleet Workshop	TBD
Drive Forward Heavy-duty Manufacturer Workshop	TBD

***Evening Community Meetings are held the third Tuesday of every month:**
arb.ca.gov/CleanTransportationMeetings

Drive Forward Programs

- Drive Forward Heavy-Duty Vehicle Standards and Strategies
- Drive Forward Light-Duty Vehicle Program
- Drive Forward Incentives
- Drive Forward Truck Forums:
 - Outreach Workgroup
 - Incentives Workgroup
- <https://ww2.arb.ca.gov/drive-forward>



Your Voice Matters!

Subscribe for email updates and to stay involved.

