



Environmental Health II

Session 4 Leader SALTA



EHC Mission Statement



We organize and advocate to protect the public health and the environment threatened by toxic pollution.

Health



Government



Corporate Accountability



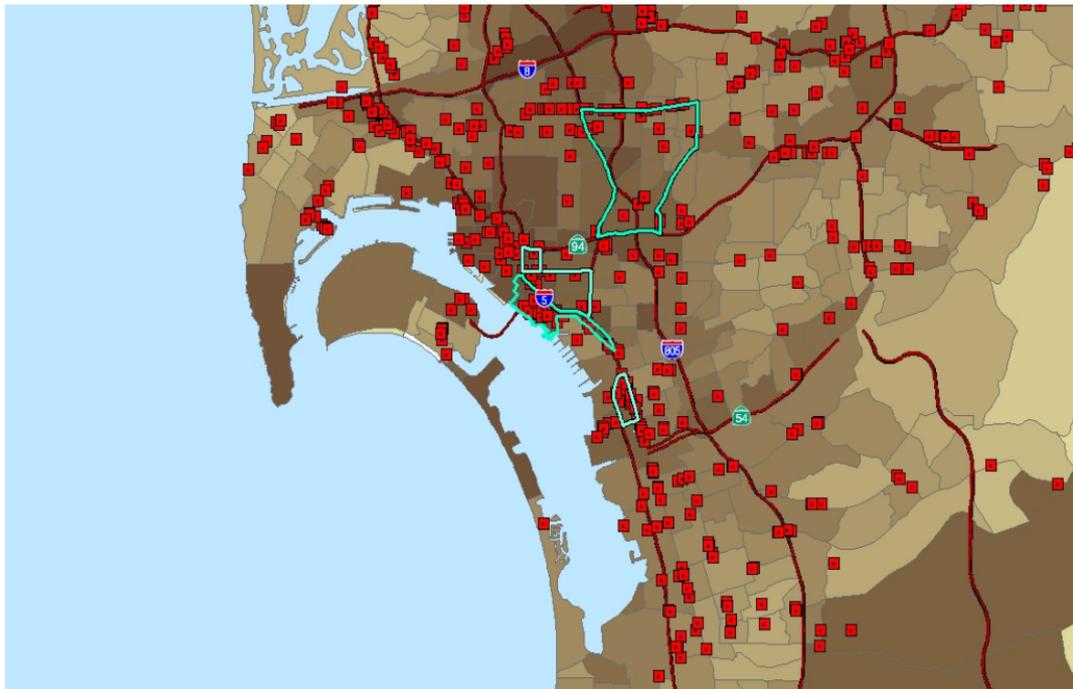
Prevention



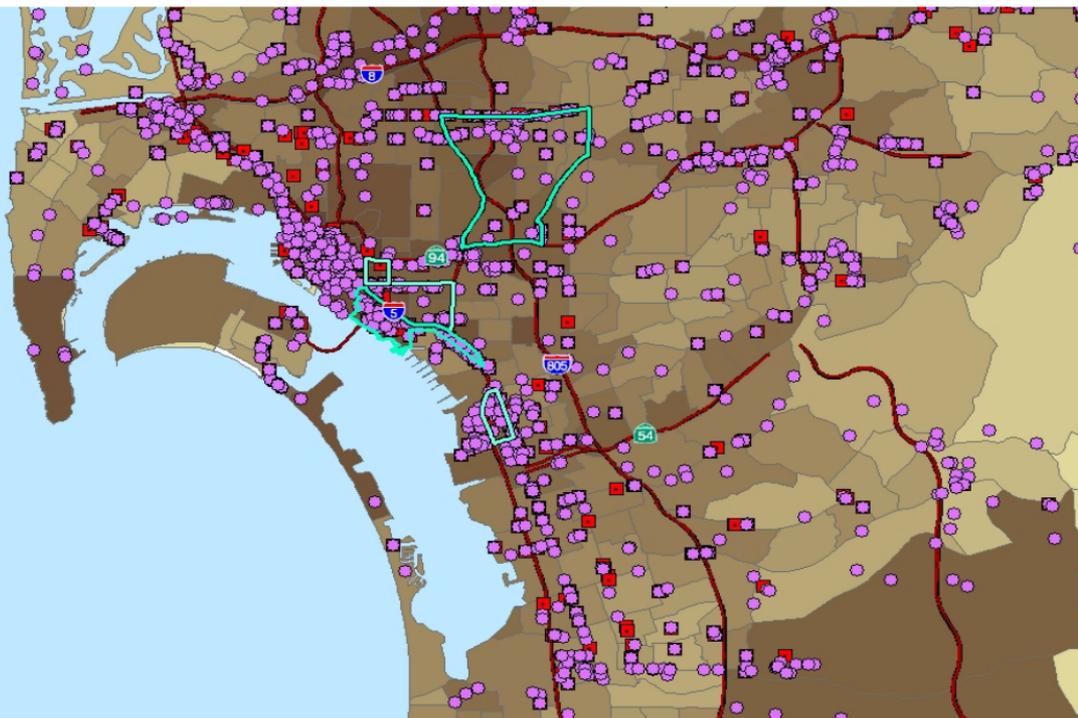
Environment

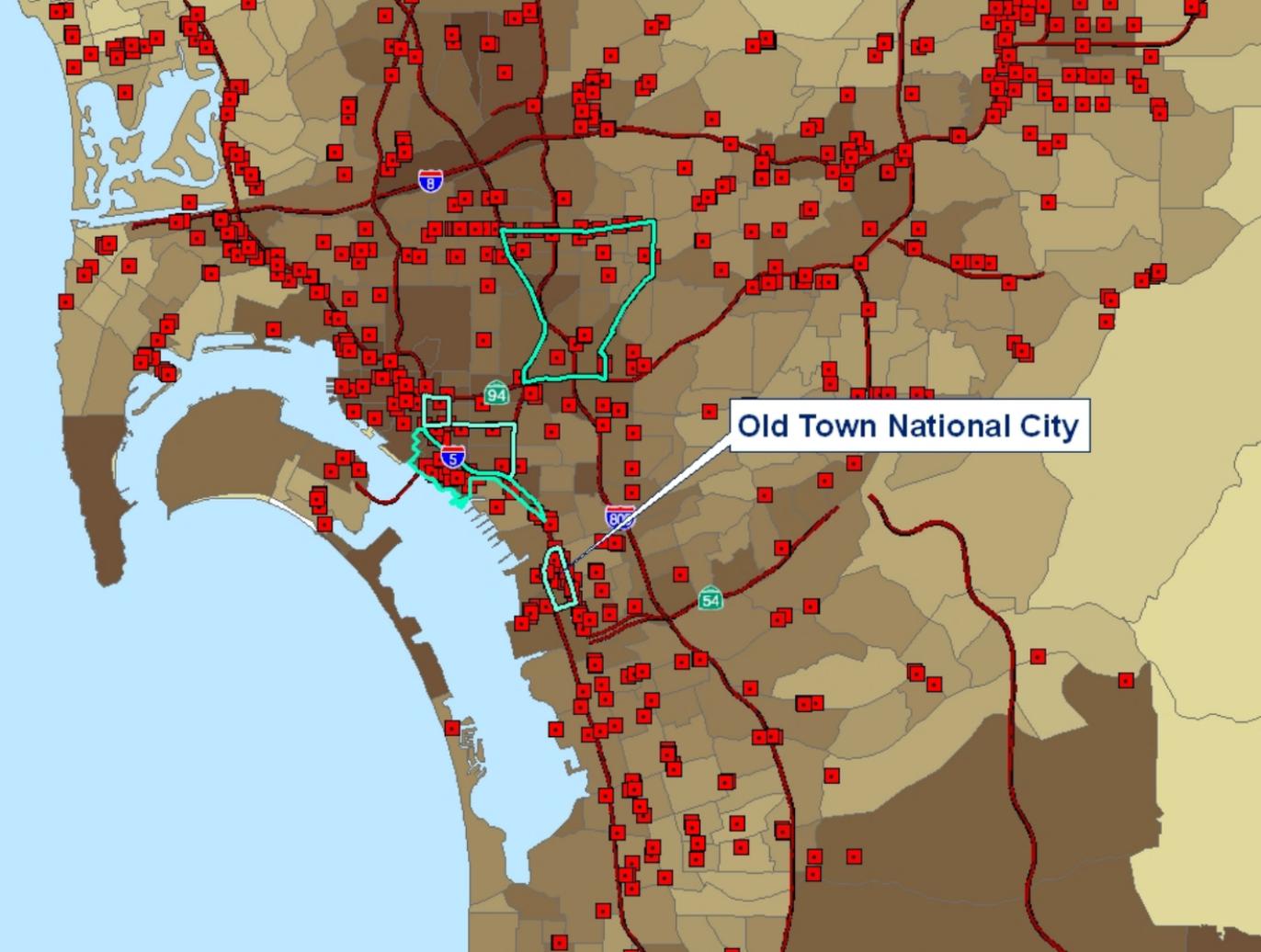


Companies that Emit Toxic Air Contaminants



All Facilities that have an Air Permit





Old Town National City



ENGINEERED FOR GREATER PROTECTION AGAINST BREAKDOWN

Castrol

GTx

MOTOR OIL

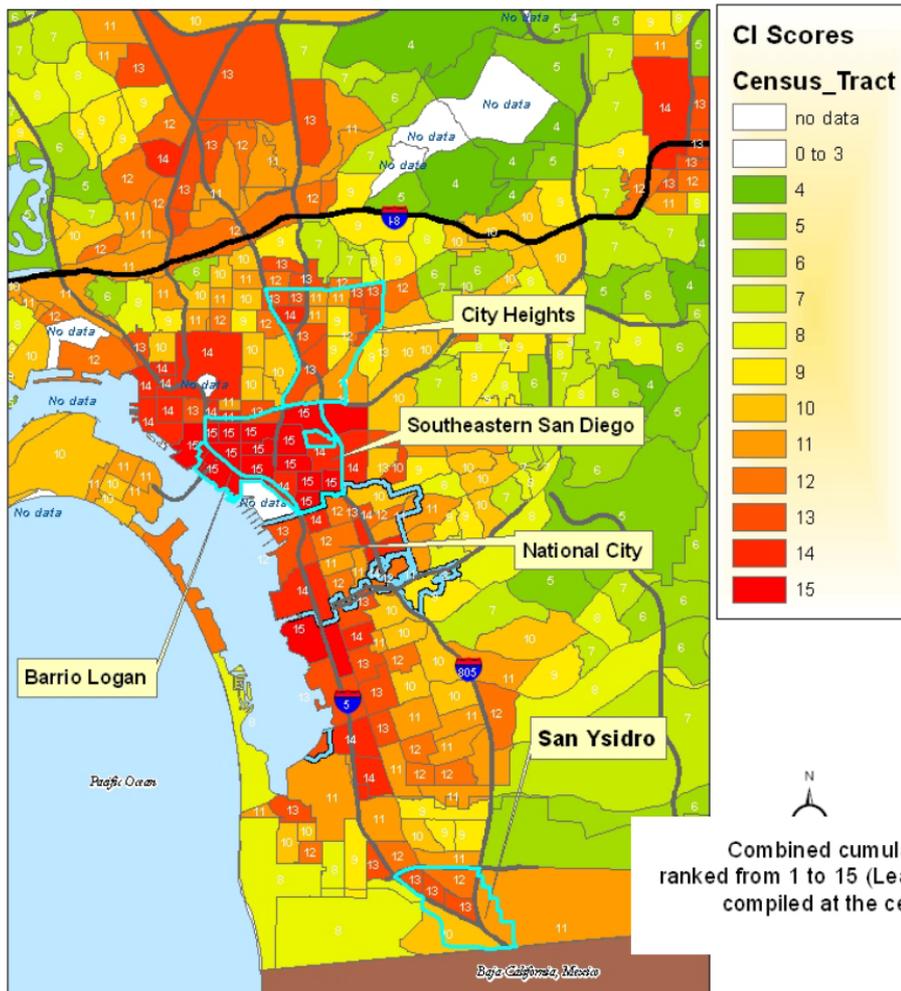
WEST COAST
 AUTOMOTIVE
 474-0777
 Castrol
 THE TECHNOLOGY LEADER

NAPA AutoCare Center
 We Install Quality NAPA Parts

WIPER CENTER

TOW AWAY
 WE TOW AWAY VEHICLES
 FROM THE STREET AND
 FROM THE LOT
 24 HOURS A DAY
 714-944-0007
 www.towaway.com





Combined cumulative impacts indicators, ranked from 1 to 15 (Least impacted to most impacted) compiled at the census tract level. DRAFT.

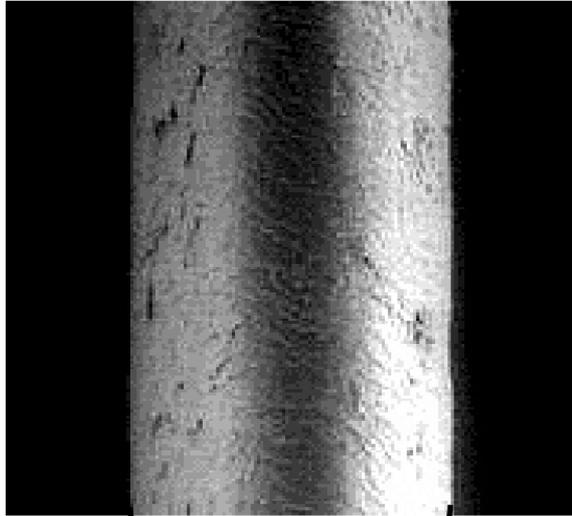
Where does diesel pollution come from?



Diesel Particulate Matter (PM)

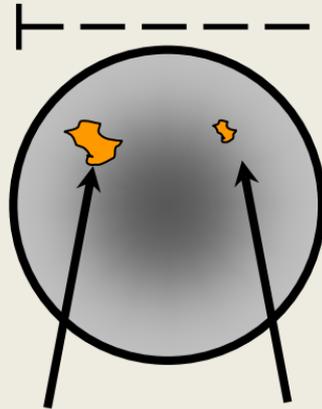


PM in the Cross-hair



Human Hair
(60 μm diameter)

Hair cross section (60 μm)



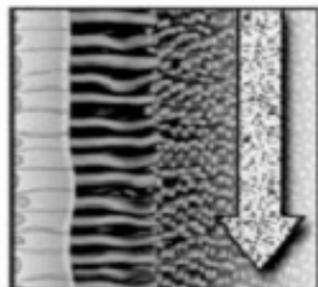
PM10
(10 μm)

PM2.5
(2.5 μm)

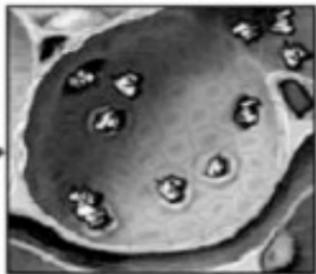
1. Particle pollution inhaled



2. Microscopic particles evade body's natural defenses



3. Particles lodge deep in lung's air sacs



4. Particles damage the lungs



Health Effects of Diesel

- 70% of cancer risk from outdoor air pollution comes from diesel exhaust

CALIFORNIA

PROPOSITION 65 WARNING

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm

- (diesel exhaust was listed as a carcinogen under California's Prop. 65 in 1990)

Health Effects of Diesel



Momax National City







Global Climate Change



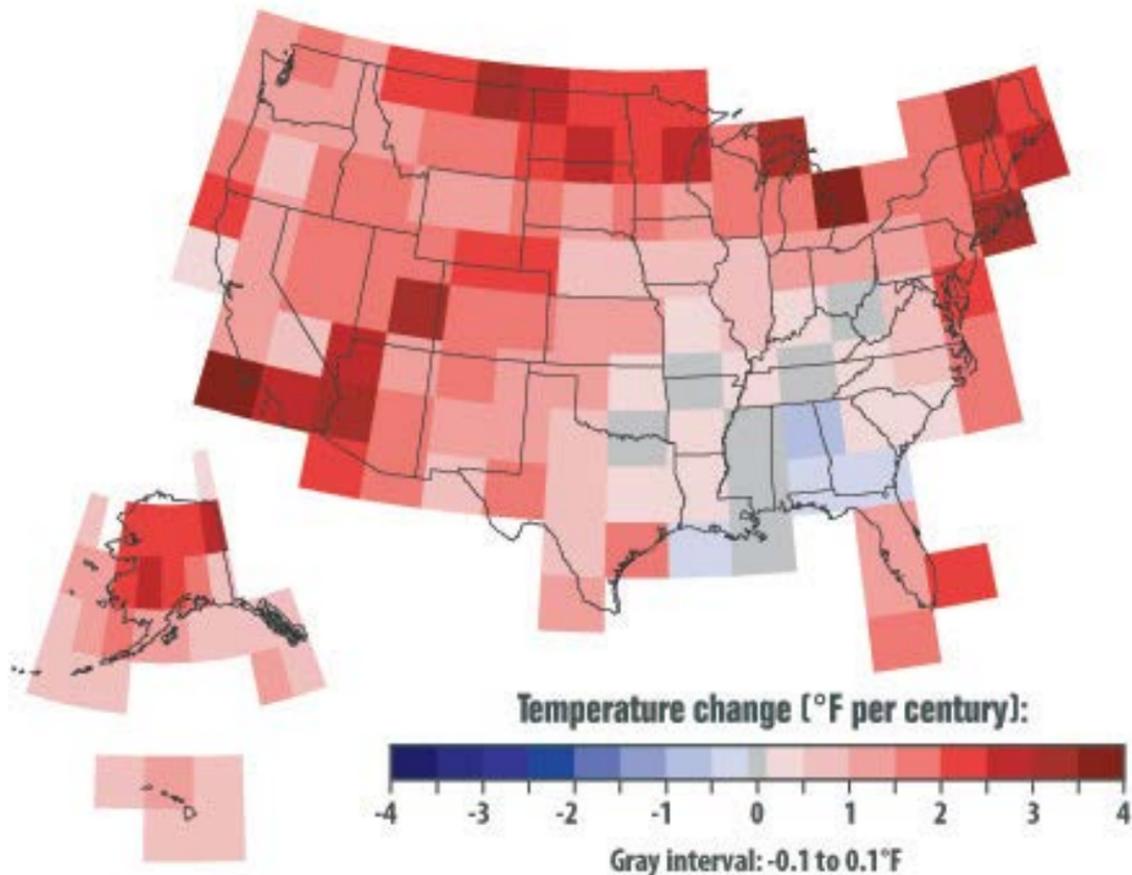
EHC's Goal for the Environment



A Few Facts about Global Warming



Rate of Temperature Change, 1901–2008



Global Warming

**Glaciers are
disappearing**

Muir Glacier, Alaska, 1941 and 2004



It's more than Global Warming – *It's Global Climate Change*

- **More *extreme* weather**
 - Heat Waves
 - Hurricanes
 - Droughts
 - Floods
 - Wild fires



SAN DIEGO'S CHANGING CLIMATE

SALTA
COMMUNITY
LEADERSHIP
TRAINING PROGRAM

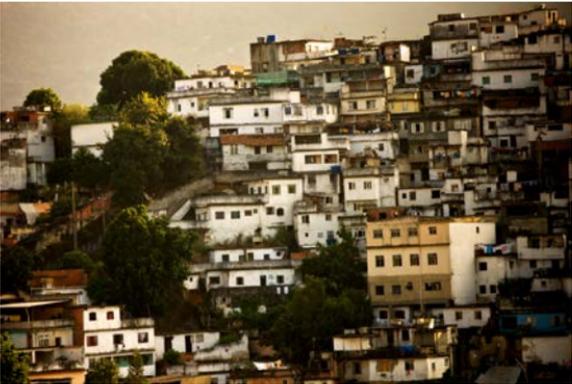


Concentrations of Carbon Dioxide in the Atmosphere from 650,000 Years Ago to Present Day

647,426 BC to 2009 AD



Is there Climate Injustice?



Victories/Ongoing Work: Corporate Accountability



**MMC Energy Plant
Expansion Permit DENIED**



**South Bay Power Plant
SHUT DOWN**

Victories/Ongoing Work: Helping Families



Energy Efficiency...

What can you do???



Evaluation