



# Greater Sacramento Affordable Housing Forum

*July 23, 2014*

**Will Barrett**

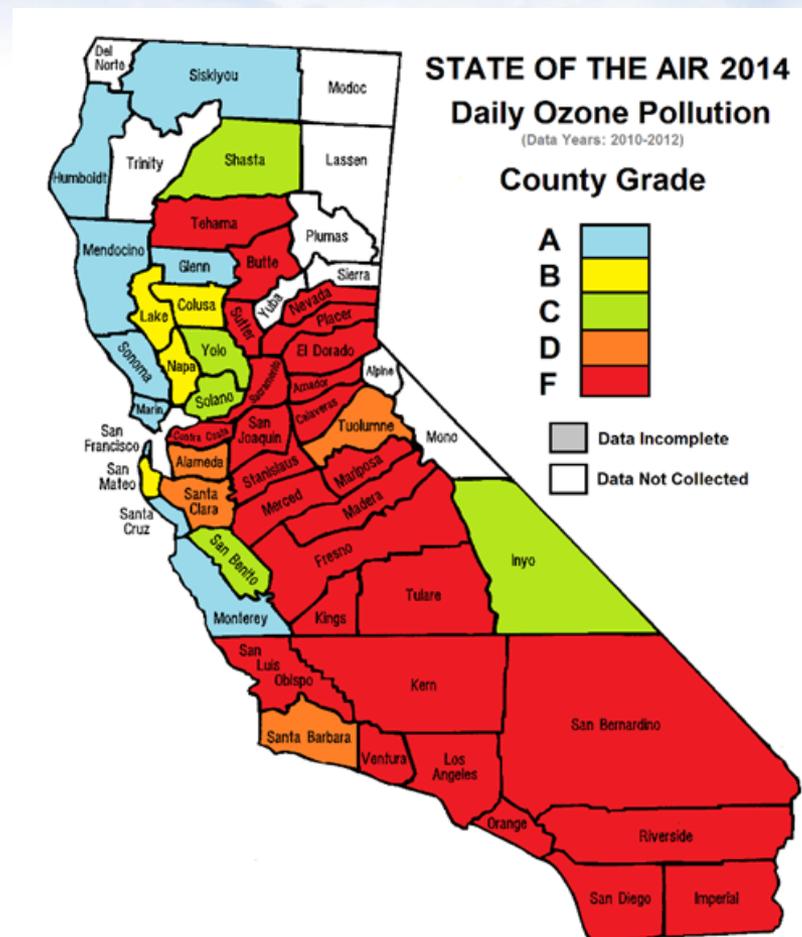
Policy Manager

American Lung Association in California

 **AMERICAN LUNG ASSOCIATION.**  
Fighting for Air

# The American Lung Association's State Of The Air 2014 report findings:

- 77 percent of Californians in counties with unhealthy ozone (30 million residents)
- Central Valley, Southern California cities top the lists
- Sacramento = 5<sup>th</sup> in US for ozone pollution



## State of the Air 2014 Most Polluted U.S. Cities

Unhealthy Ozone Days		Unhealthy Particulate Days		Annual Particulate Pollution	
1	<b>Los Angeles-Long Beach</b>	1	<b>Fresno-Madera</b>	1	<b>Fresno-Madera</b>
2	<b>Visalia-Hanford</b>	2	<b>Visalia-Hanford</b>	2	<b>Visalia-Hanford</b>
3	<b>Bakersfield</b>	3	<b>Bakersfield</b>	3, tie	<b>Bakersfield</b>
4	<b>Fresno-Madera</b>	4	<b>Los Angeles-Long Beach</b>		<b>Los Angeles-Long Beach</b>
5	<b>Sacramento</b>	5	<b>Modesto-Merced</b>	5	<b>Modesto-Merced</b>
6	Houston, TX	6	Pittsburgh, PA	6	Pittsburgh, PA
7	<b>Modesto-Merced</b>	7	Fairbanks, AK	7	<b>El Centro</b>
8, tie	Dallas, TX	8	Salt Lake City, UT	8	Salt Lake City, UT
	Washington, DC	9	El Paso, TX	9	El Paso, TX
10	Las Vegas	10	<b>SF Bay Area-Stockton</b>	10	Phoenix, AZ

# Air Pollution Health Risks

- ↑ Premature deaths
- ↑ Asthma attacks
- ↑ Heart attacks and strokes
- ↑ Risk of infection
- ↑ Lung Cancer
- ↑ Premature Birth
- ↑ Hospital admissions
- ↑ Emergency room visits
- ↑ Diabetes impacts
- ↓ Respiratory and cardiovascular health
- ↓ Lung growth and development in children
- ↓ Lung Function
- ↓ Birth Weight

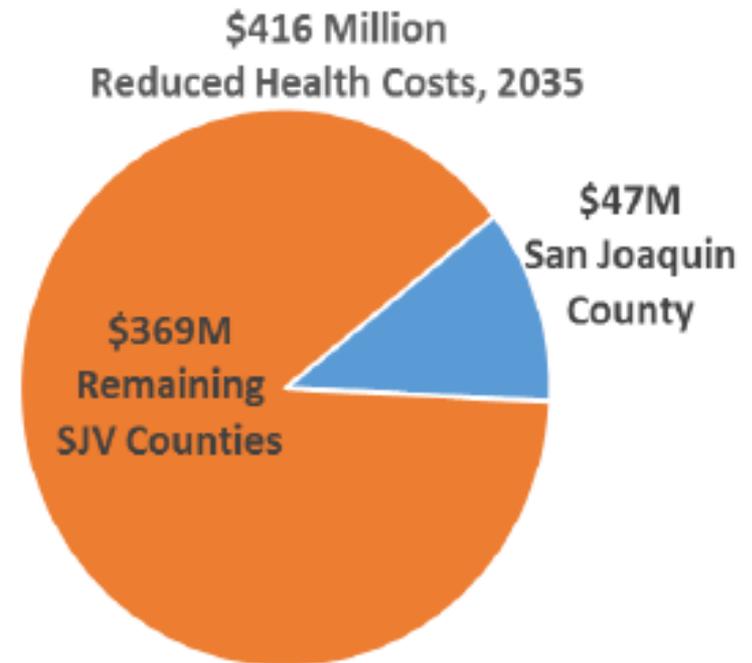
# Public Health Crossroads: San Joaquin County

Respiratory Health Impacts Avoided through more walkable communities

- \$47 Million in reduced traffic pollution-related health and economic impacts
- 5,070 fewer asthma, other respiratory impacts
- 942 fewer lost work days

Even greater benefits possible through increased physically active transportation like walking and biking, such as:

- Obesity
- Diabetes
- Heart Disease
- Senior and youth independence





**Planning  
Decisions  
Are  
Health  
Decisions**

**Safe  
Affordable  
Housing**

**Social  
Isolation**

**Mental  
Health  
Issues**

**Fresh  
Food  
Access**

**Health  
Care  
Access**

**Traffic  
Injury**

**Physical  
Activity  
Rates**

**Cancers**

**Obesity  
and  
Diabetes**

**Heart  
Disease**

**Asthma**

**Air and  
Climate  
Pollution**

**Health  
Inequities**

# SB375 Health & Equity Metrics

- Exposures to traffic pollutants
- Use of active transportation (time/mode share)
- Household proximity to active transportation
- Pedestrian/bicycle collisions



## **FUTURE GROWTH**

8.
  - a) Share of housing growth in transit priority areas, targeting measures of how many large (3-4 bedroom) units, senior housing, and low-income units will be built.
  - b) Proportion of projected population growth in transit priority areas.
  - c) Proportion of projected jobs in transit priority transit areas.

## **ECONOMIC**

9.
  - a) Percent of household income consumed by housing and transportation costs combined.
  - b) Percent of income consumed by housing costs.
  - c) Percent of income consumed by transportation costs.





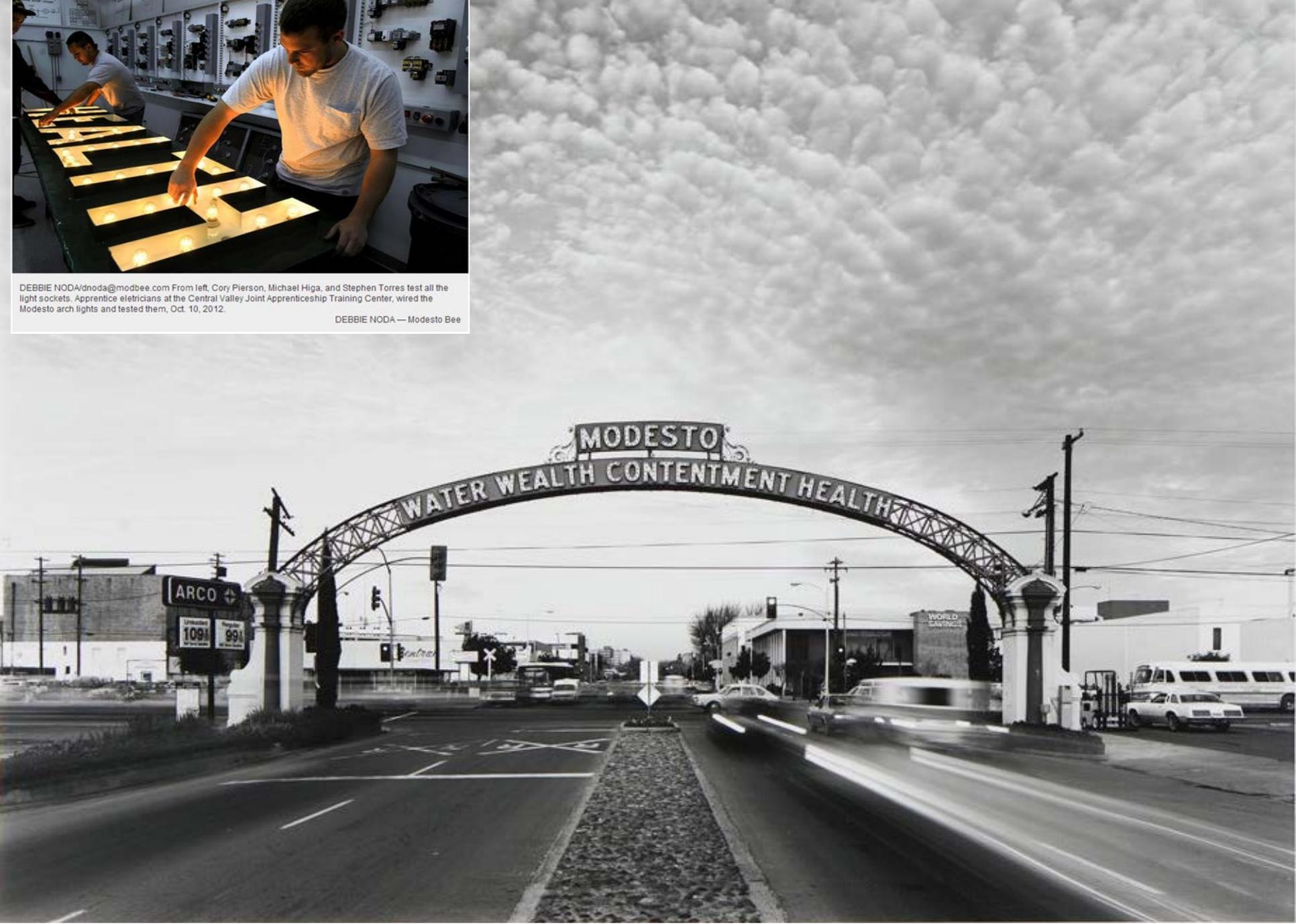
***“It is critical that we grow healthy communities that reduce the need to drive and provide more transportation options to create cleaner air and improved breathing for everyone.”***

**Dr. Praveen Buddiga, MD  
Physician Volunteer  
American Lung Association in California**



DEBBIE NODA/dnoda@modbee.com From left, Cory Pierson, Michael Higa, and Stephen Torres test all the light sockets. Apprentice electricians at the Central Valley Joint Apprenticeship Training Center, wired the Modesto arch lights and tested them, Oct. 10, 2012.

DEBBIE NODA — Modesto Bee



Robert Dawson, Modesto Arch, Modesto, CA 1986



# Questions?

## Contact

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