



# Childhood Lead Poisoning Prevention Program Revenue Agreement

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*Presented to  
Health Services Advisory Board  
February 16, 2017*



# HOW DO CHILDREN GET LEAD POISONING?



- The environment and products can contain lead or become contaminated with lead.
- Sources of lead exposure include:
  - Dust
  - Soil
  - Water
  - Food
  - Paint, toys, or other products



# WHY IS LEAD A PROBLEM?



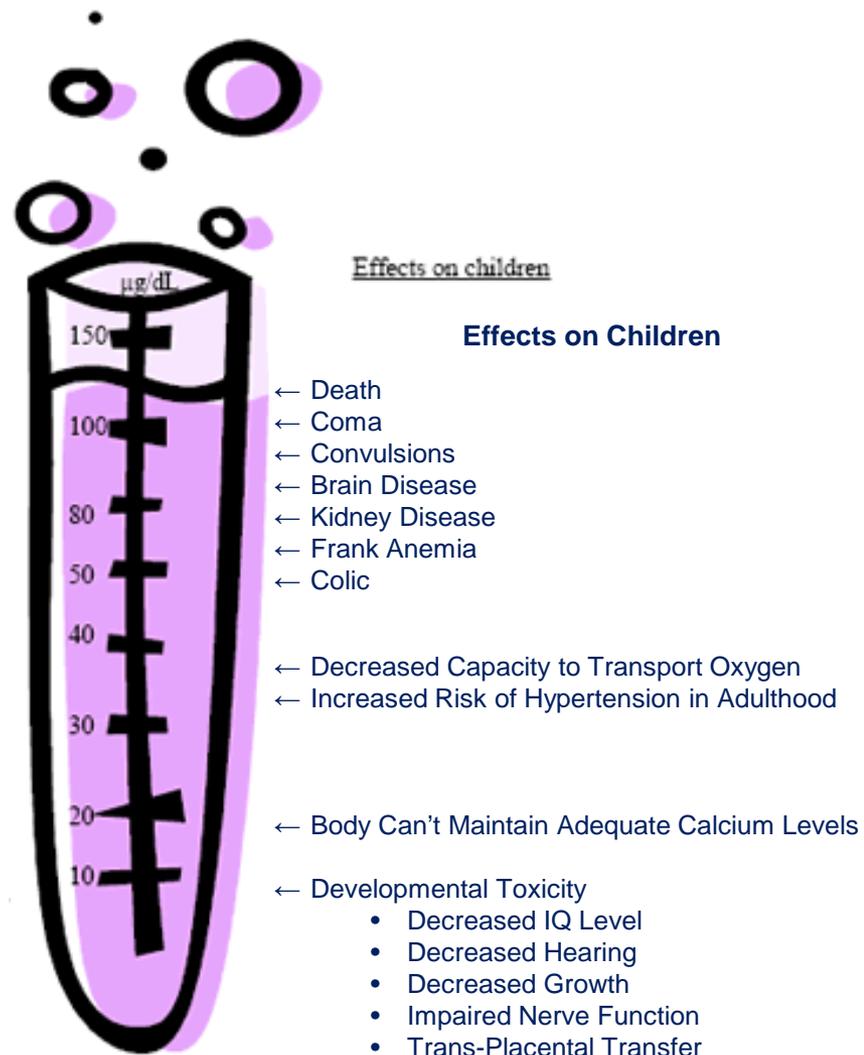
- Lead has no useful purpose in the body and can have toxic effects on people.
- Once in the body, lead is absorbed into the bloodstream, circulates, and is stored throughout the body.
- Lead poisoning is the accumulation of lead in the body.



# THE EFFECTS OF LEAD ON CHILDREN



- Harm a child's developing nervous system
- Cause anemia
- Decrease IQ
- Behavior problems (hyperactivity, irritability)
- Difficulty learning, paying attention
- Can damage kidneys and other organs
- Very high exposures can lead to seizures or death





- San Diego County receives approximately \$1.2 million annually from the State of California to provide lead poisoning prevention related services.
  - 87% of funding is received from taxes and fines imposed on current and past emitters of environmental lead (gasoline, paint, and air emitters).
  - 13% of funding comes from Medi-Cal matching funds.



# STAFFING



1. Public Health Nurse Supervisor
2. Public Health Nurse
3. Health Information Specialist
4. Community Health Promotion Specialist
5. Senior Office Assistant
6. Epidemiologist (.3FTE)
7. Administrative Analyst (.05FTE)
8. Contractors
  - Department of Environmental Health: \$109,130
  - City of San Diego: \$177,864
  - TBD: \$325,000





- Education to health care providers on screening, testing, and resources
- Outreach and prevention education to community partners, high risk groups and general public
- Case management services for children with elevated blood lead levels

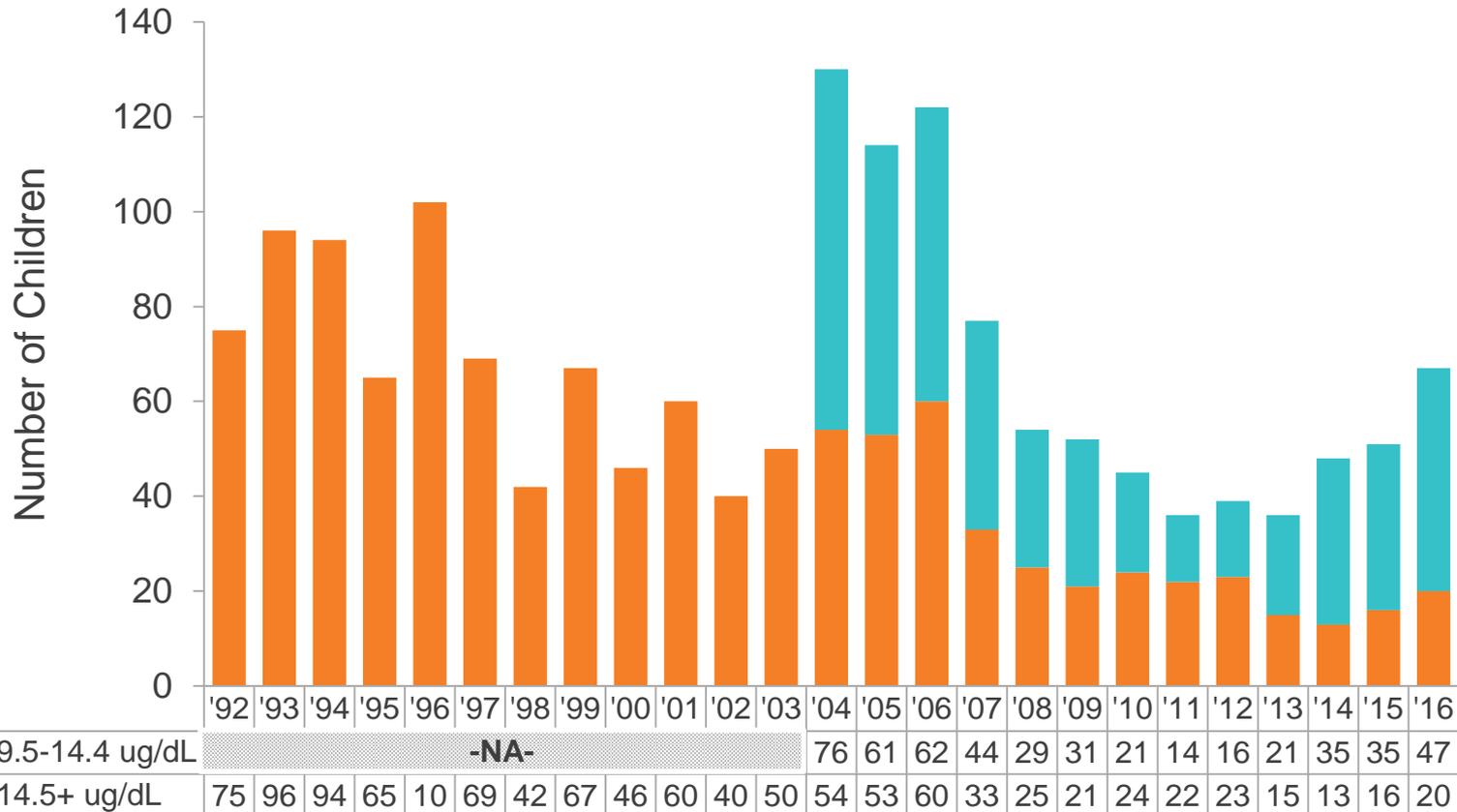


# CHILDHOOD LEAD POISONING PREVENTION PROGRAM (CLPPP) SUPPORT SERVICES



- California Lead Poisoning Prevention Branch
- Response and Surveillance System for Childhood Lead Exposures II (RASSCLE II) to receive alerts on blood lead level test results
- Coordinate with Department of Environmental Health (DEH) and City of SD to identify environmental lead hazards in homes of children with elevated blood lead levels
- Contract with City of SD for homes of children that live within the City boundaries and do not meet criteria for investigation by DEH

# NUMBER OF CHILDREN SERVED BY CLPPP



- BLL 14.5+ = children with a newly identified confirmed venous BLL 14.5 ug/dL or greater. Total cases since 1992 = 1185.
- BLL 9.5-14.4 = children with a newly identified confirmed venous BLL 9.5 – 14.4 ug/dL. Services to this group began in 2004. Total cases = 492.
- Children under 21 years of age
- Counts are subject to change as additional information becomes available
- San Diego County case counts reflect venous confirmation blood lead levels

Prepared by San Diego County CLPPP, 2/10/2017



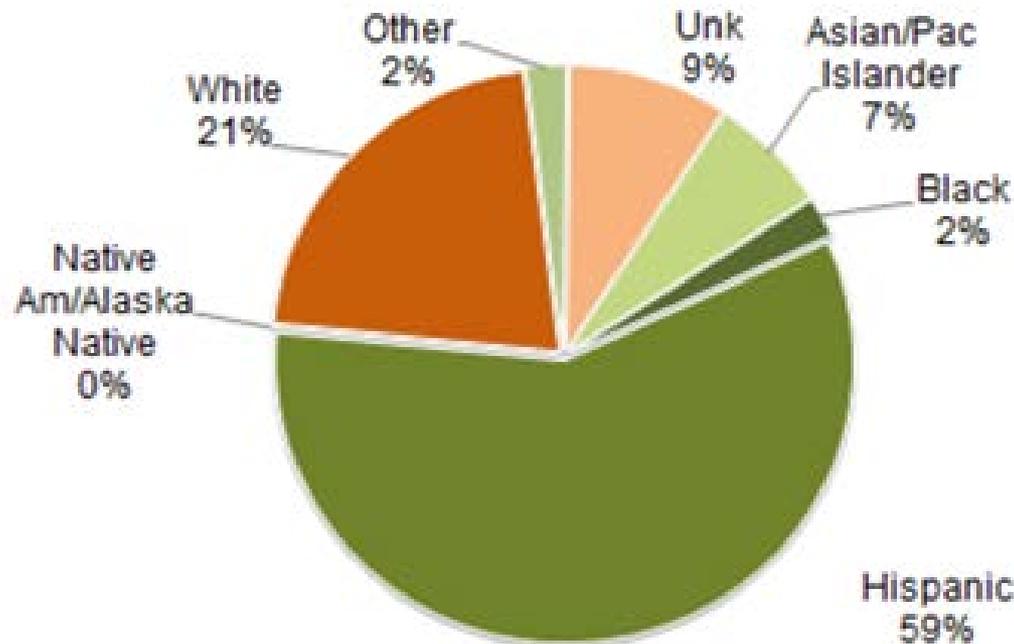
Activity	FY 15/16
Provide Public Health Nurse Case Management services for children with elevated blood lead levels as evidenced by laboratory testing and report	122 children
Provide information to families that don't meet criteria for case management, but have slightly elevated blood lead levels to reduce lead poisoning and improve their children's health	490 children



# DEMOGRAPHICS CASE MANAGED CLIENTS



## PERCENT OF TOTAL SAN DIEGO COUNTY CLPPP CASES, 2011-2015 BY RACE/ETHNICITY



N = 89 cases, children under 21 years of age with a newly identified confirmed venous BLL 14.5 ug/dL or greater

Prepared by San Diego County CLPPP, 1/9/2017

# OUTCOMES



Activity	FY 15/16
Provide trainings to medical providers and staff regarding their legal responsibilities related to lead poisoning	396 healthcare providers and staff
Provide lead poisoning prevention education at health fairs and community events (i.e. Protecting Children's Environmental Health Fair in the U.S. – Mexico Border Region)	36 events
Provide community presentations to individuals living in high risk areas (ie. City Heights, Oceanside, El Cajon)	1,662 individuals participated





- To approve submission of a three-year grant application to CDPH for the period July 1, 2017 to June 30, 2020 for lead poisoning prevention related services.
- To approve execution of all required grant documents with CDPH for current three- year period and subsequent agreements or renewals that do not materially impact the program or funding level.
- To authorize the Health and Human Services Agency to pursue future funding opportunities to fund efforts for childhood lead poisoning prevention



# THANK YOU

## For More Information:

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**619-692-5633**

COUNTY OF SAN DIEGO



**HHSA**

HEALTH AND HUMAN SERVICES AGENCY