



CHILDHOOD LEAD POISONING PREVENTION PROGRAM REVENUE AGREEMENT

EPIDEMIOLOGY AND IMMUNIZATIONS SERVICES BRANCH

Presented to Health Services Advisory Board

April 4, 2023



EPIDEMIOLOGY & IMMUNIZATION SERVICES BRANCH



Epidemiology Unit

- Epidemiology and Surveillance
- Disease Investigation and Control
- HIV Surveillance
- **Childhood Lead Poisoning Prevention Program**
- Healthcare Associated Infections
- Hepatitis C Surveillance

Immunization Unit

- Disease Investigation & Control
- Clinical Services
- Community Education/Outreach
- Contracts Administration
- San Diego Immunization Registry

Public Health Lab

- Public Health Laboratory
- Laboratory Support
- Administration and Quality Assurance
- Water Testing

Vital Records Unit

- Administration
- Birth Registration
- Death Registration
- Medical Marijuana Cards
- Cashiers

WHAT IS LEAD POISONING?



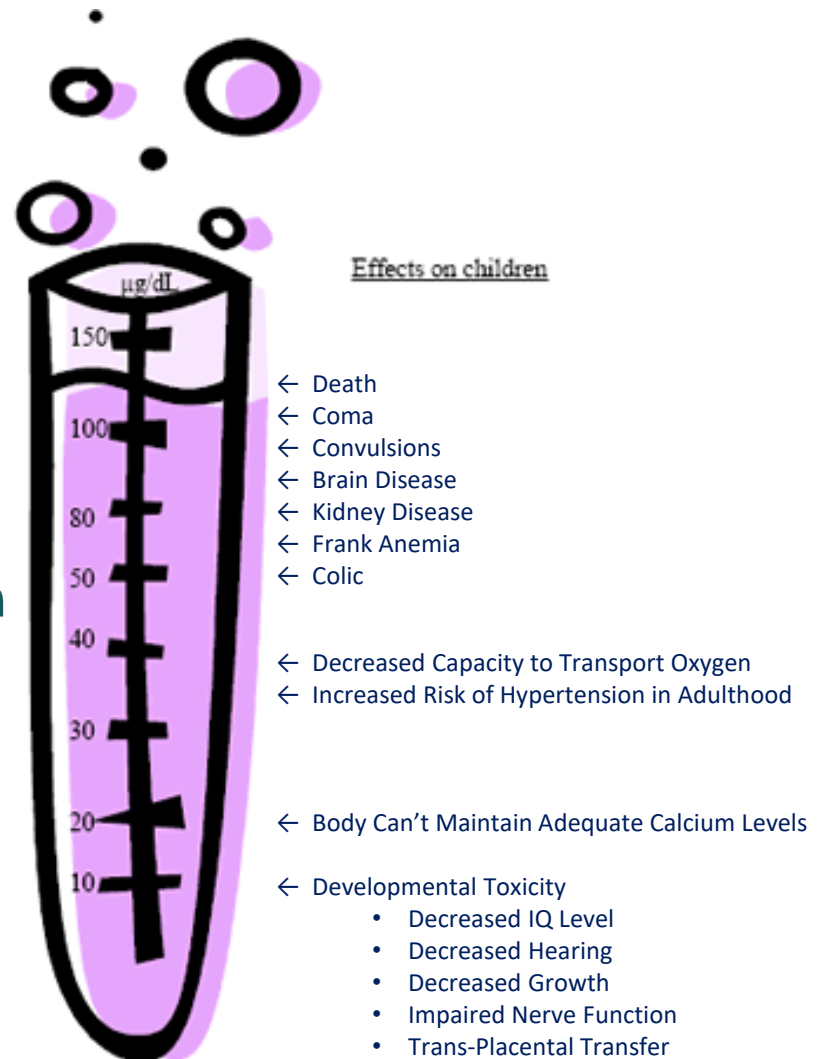
- **Lead poisoning is the accumulation of lead in the body**
- **Long-term exposure to lead can cause serious health problems**
- **Lead poisoning is 100% preventable**
- **Sources of childhood lead exposure include:**
 - **Dust**
 - **Soil**
 - **Water**
 - **Food or spices**
 - **Paint, toys, or other products**



THE EFFECTS OF LEAD ON CHILDREN



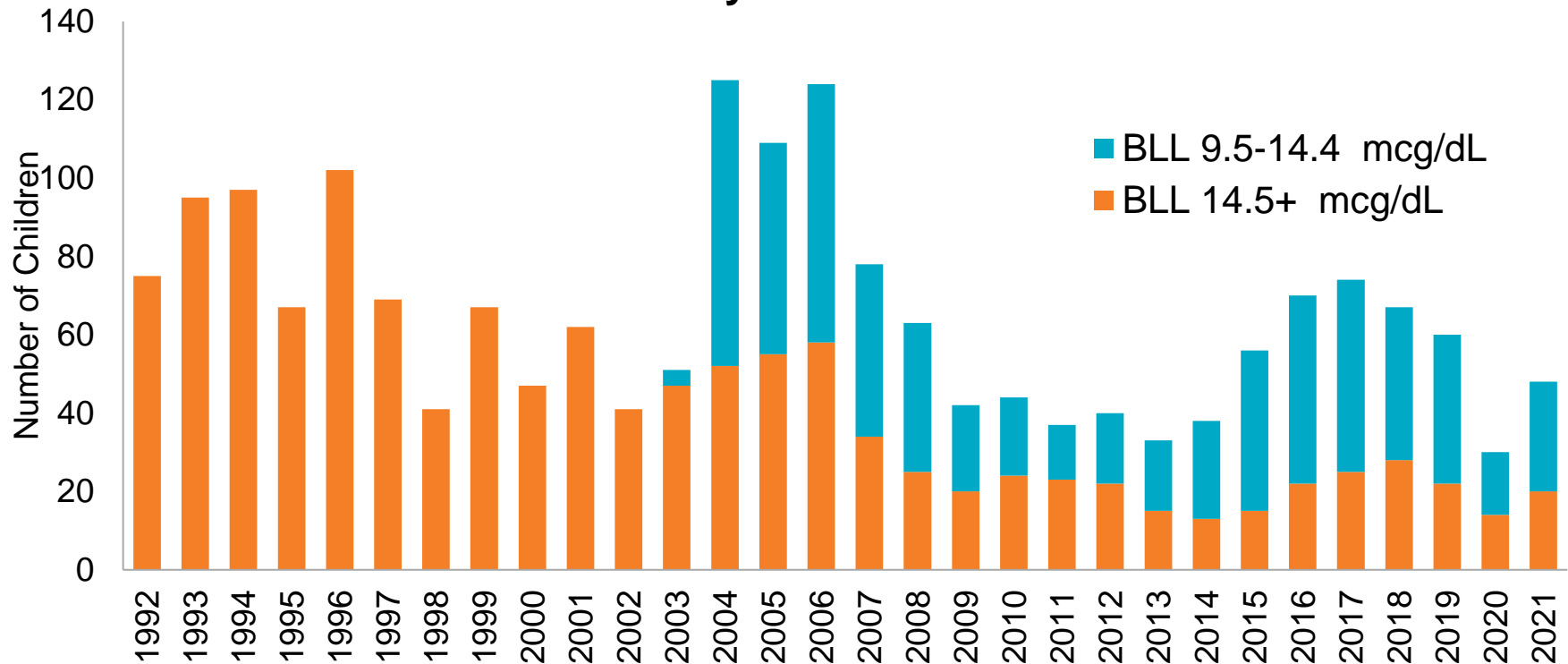
- Harm a child's developing nervous system
- Cause anemia
- Decrease IQ
- Behavior problems (hyperactivity, irritability)
- Difficulty learning, paying attention
- Can damage kidneys and other organs
- Very high exposures can lead to seizures or death



SAN DIEGO COUNTY CHILDREN RECEIVING SERVICES BY YEAR, 1992-2021



Children Receiving Services from the County of San Diego Childhood Lead Poisoning Prevention Program (CLPPP) by Year

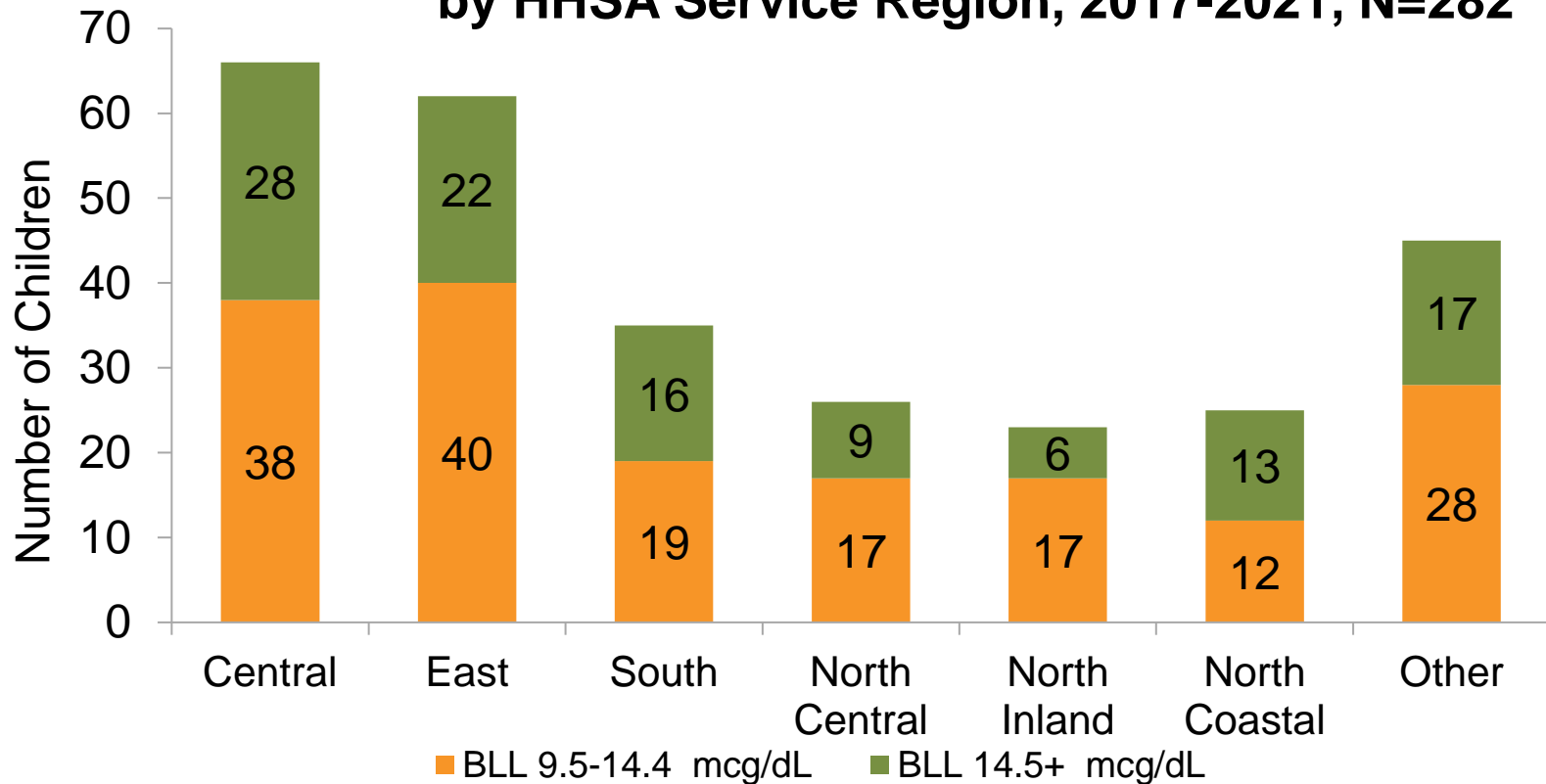


BLL = Blood lead level. Includes children under 21 years of age at case identification. Services to children with a BLL 9.5-14.4 mcg/dL began in 2004. Categorization by level is based on a newly identified venous BLL. Grouped by year that CLPPP was notified of the BLL which may not be the same year services were initiated. Counts are subject to change as additional information becomes available.

CHILDREN RECEIVING SERVICES BY HHSa SERVICE REGION



Children Receiving CLPPP Services by HHSa Service Region, 2017-2021, N=282

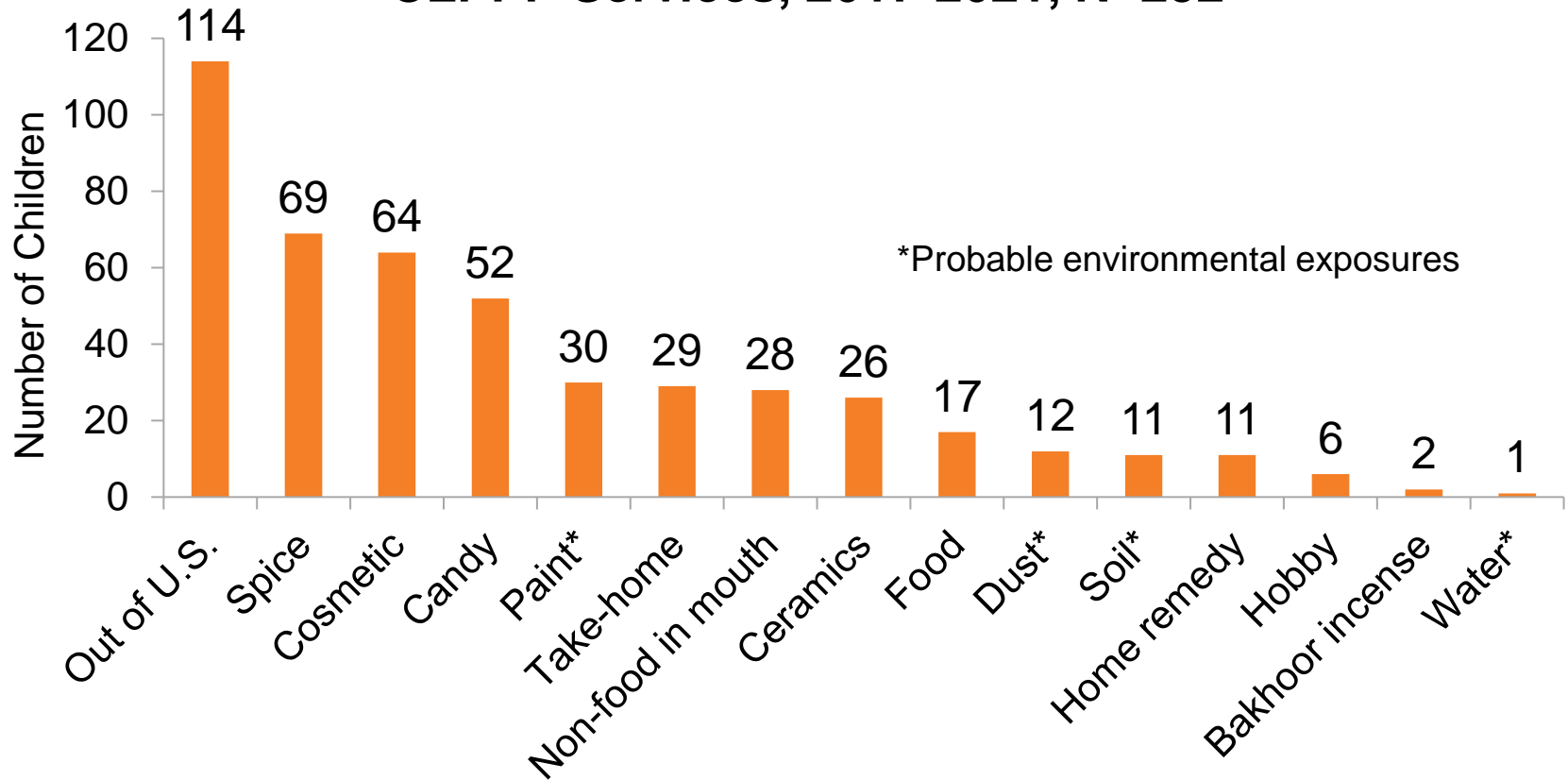


Includes children with a newly identified venous BLL 9.5 mcg/dL or greater. Based on address at case identification. Three cases resided at two separate addresses at case identification; these addresses were located in separate regions. One case was identified out of county and 44 had unknown addresses at case identification. San Diego County is divided into six Health and Human Services Agency (HHSa) service regions, created by grouping contiguous zip codes.

PROBABLE SOURCES OF LEAD EXPOSURE



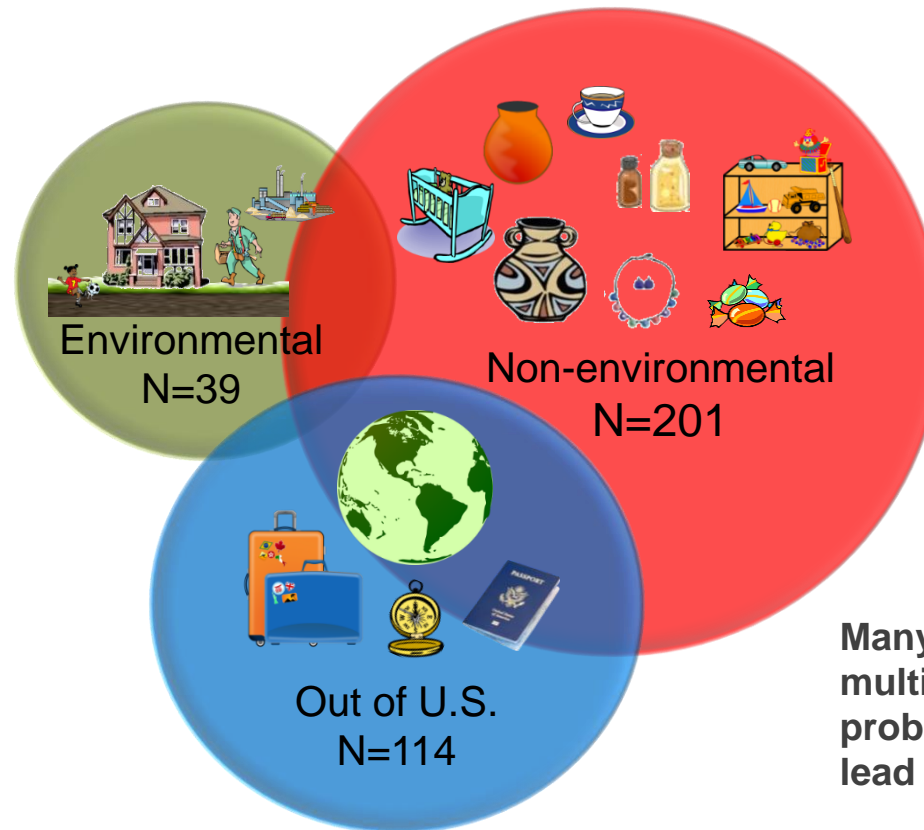
Probable Exposures of Children Receiving CLPPP Services, 2017-2021, N=252



Environmental sources continue to be the main sources of lead exposure in California. Includes children with a newly identified venous BLL 9.5 mcg/dL or greater. A case may have more than one exposure or there may be no source of exposure identified. Some cases were not assessed because a home visit was not done. In some cases, other potential sources, such as volcanic rock and home construction were found. The sources listed on this slide are not inclusive of all potential sources of exposure.

CATEGORIES OF PROBABLE SOURCES OF LEAD EXPOSURE

Categories of Probable Exposures of Children Receiving CLPPP Services, 2017-2021, N=252



Environmental sources continue to be the main sources of lead exposure in California.

Many children have multiple overlapping probable sources of lead exposures.

Children under 21 years of age with a newly identified venous BLL 9.5 mcg/dL or greater. Includes cases where a probable source or sources were determined. Sources are grouped into three categories. Cases may have more than one source and fall into more than one category.

CDPH FUNDING BY TERM



FY 17/18-19/20

3-Year Term

\$3,865,721

\$1,288,573
per year avg

FY 20/21-22/23

3-Year Term

\$4,234,905

\$1,411,635
per year avg

FY 23/24-25/26

3-Year Term

\$5,190,000

\$1,730,000
per year avg

- *\$955,095 increase in new term*
- *Increase of \$318,365 per year*



- **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**
- **Environmental investigations of homes for children with elevated lead levels**





New Funding Requirements:

- Proactive inspections to identify and reduce lead hazards in high-risk areas to prevent lead-exposure to children.
- Activities to reduce risks of children being exposed to environmental lead hazards by investigating locations where children are being exposed, could be exposed, or have been exposed in the past, and responding as necessary with appropriate enforcement actions.

PROPOSED NEW TERM COST ALLOCATIONS



1. Public Health Nurse Supervisor
2. Two Public Health Nurses
3. Health Information Specialist
4. Community Health Promotion Specialist
5. Senior Office Assistant
6. Epidemiologist (.2 FTE)
7. Administrative Analyst (.07 FTE)

8. Contractors

- Department of Environmental Health: \$109,130
- City of San Diego: \$174,064
- TBD Contractor: \$150,000



SELECTED PROGRAM OUTCOMES FROM FY 21/22



Outcome Indicators FY 21/22

168	Children who received full case management services
141	Children and families who received health education information about their slightly elevated blood levels
488	Healthcare providers who received training on lead poisoning prevention
163	Community events where lead poisoning prevention health education was provided

NATIONAL LEAD WEEK 2019



LIVE WELL
SAN DIEGO

**Lead is a
hidden poison.**

**Get your child
tested!**

Plomo es un veneno oculto. ¡Hágale la prueba a su hijo!
سرب سمی است مخفی. آزمایش اندازه گیری سرب را برای کودکان خود انجام دهید!
رهنماشته ده. ۲. خپل ماشوم ما معتابه كوه خپ -

(619) 692-8487 | www.sdlead.org



- 1. Authorize the approval and acceptance of \$5,190,000 in funds from CDPH for the period July 1, 2023 through June 30, 2026 for lead poisoning prevention services.**

- 2. 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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COUNTY OF SAN DIEGO



HHSA

HEALTH AND HUMAN SERVICES AGENCY