



Childhood Lead Poisoning Prevention Program (CLPPP)



**SNOHOMISH
COUNTY** 
HEALTH DEPARTMENT

Our Team



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Leah Bretland, Program Specialist, Program Administrative Support



Micha Horn, Environmental Health Specialist, Co-Principal Investigator



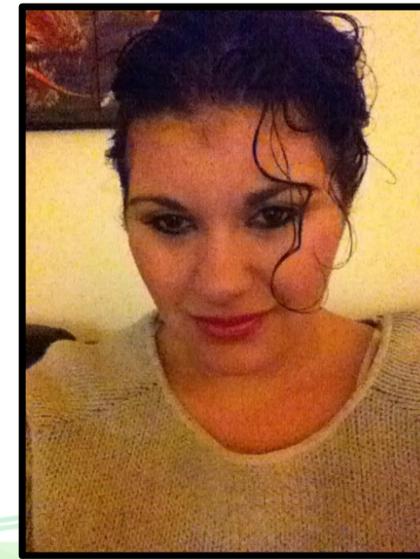
Melinda Lozovoy, Public Health Nurse, Co-Principal Investigator



Lindee Tollefsen, Public Health Nurse, Case Management



Christin Seo, Public Health Nurse, Case Management



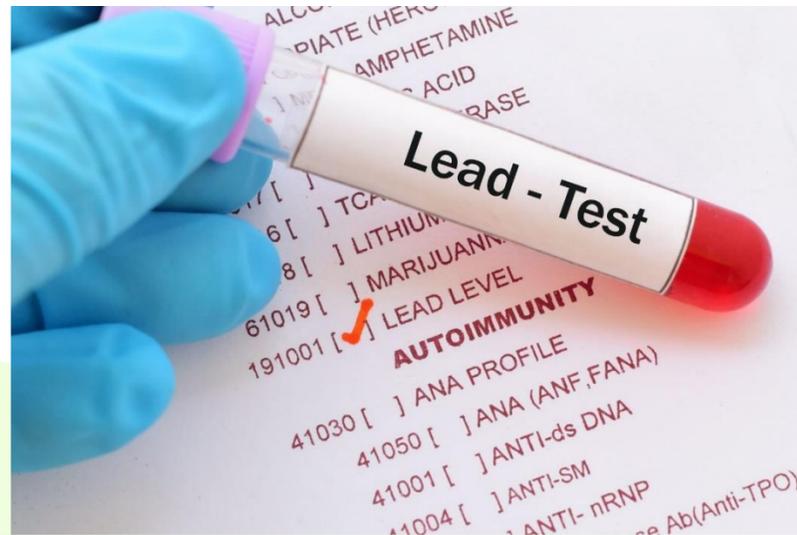
Michelle Rolfson, Public Health Nurse, Child Care



Megan Bertolacci, Environmental Health Supervisor, EH CLPPP Support

Program Goal

To increase blood lead testing of children under the age of 6 years old and awareness of the risk of lead exposure in Snohomish County.





It only takes
this much

lead



to **poison**
a child.¹

Adverse Health Effects of Lead

- Damage to the brain and nervous system
- Slowed growth and development:
 - Decreased muscle and bone growth
- Learning and behavior problems:
 - Learning disabilities and lower IQ
 - Attention deficit disorder
 - Underperformance in school
 - Speech and language impairment
- Other physical health effects:
 - Kidney damage
 - Anemia





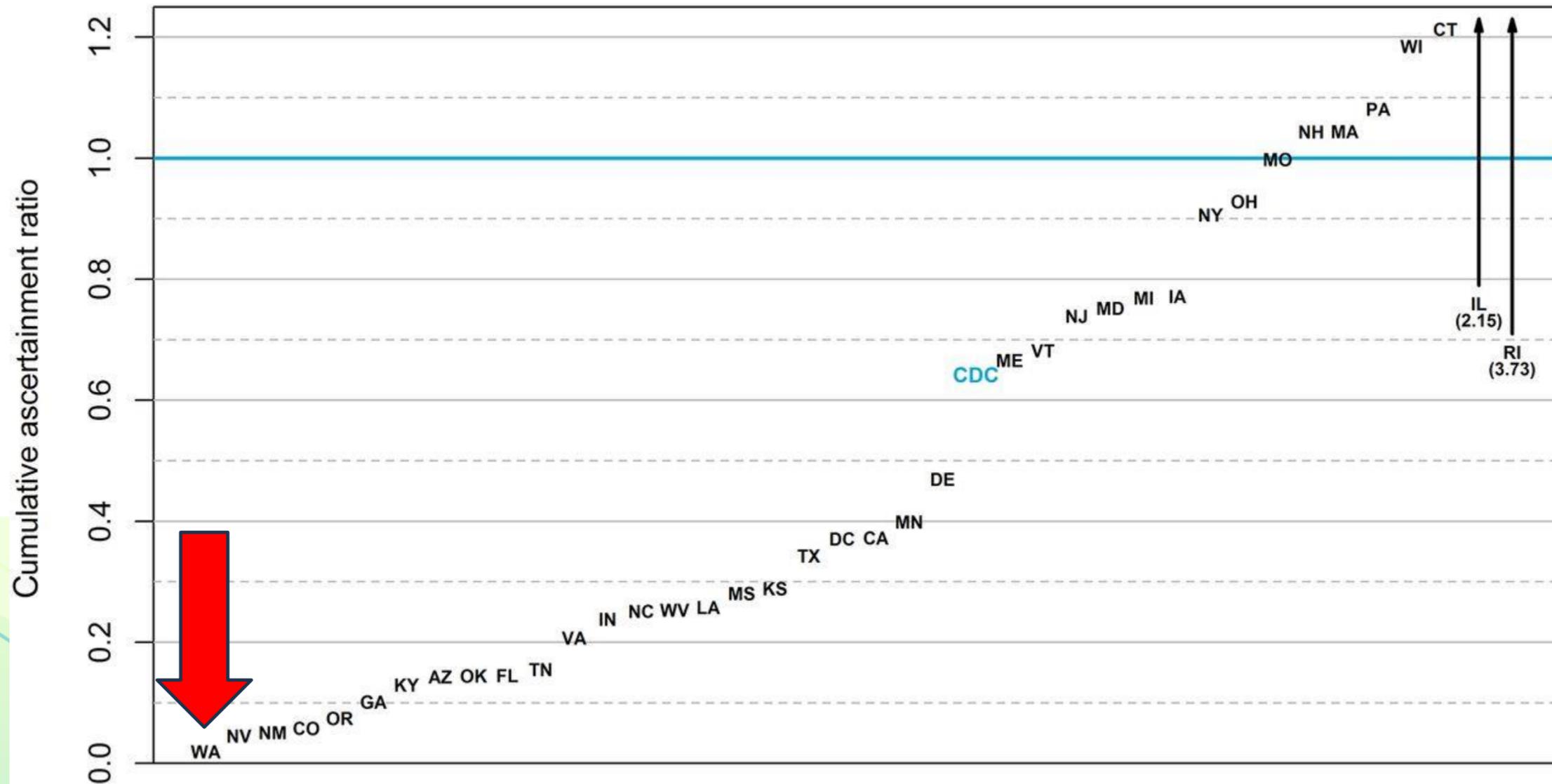
**Lead Hides
Beyond Paint**

The Opportunity to Know



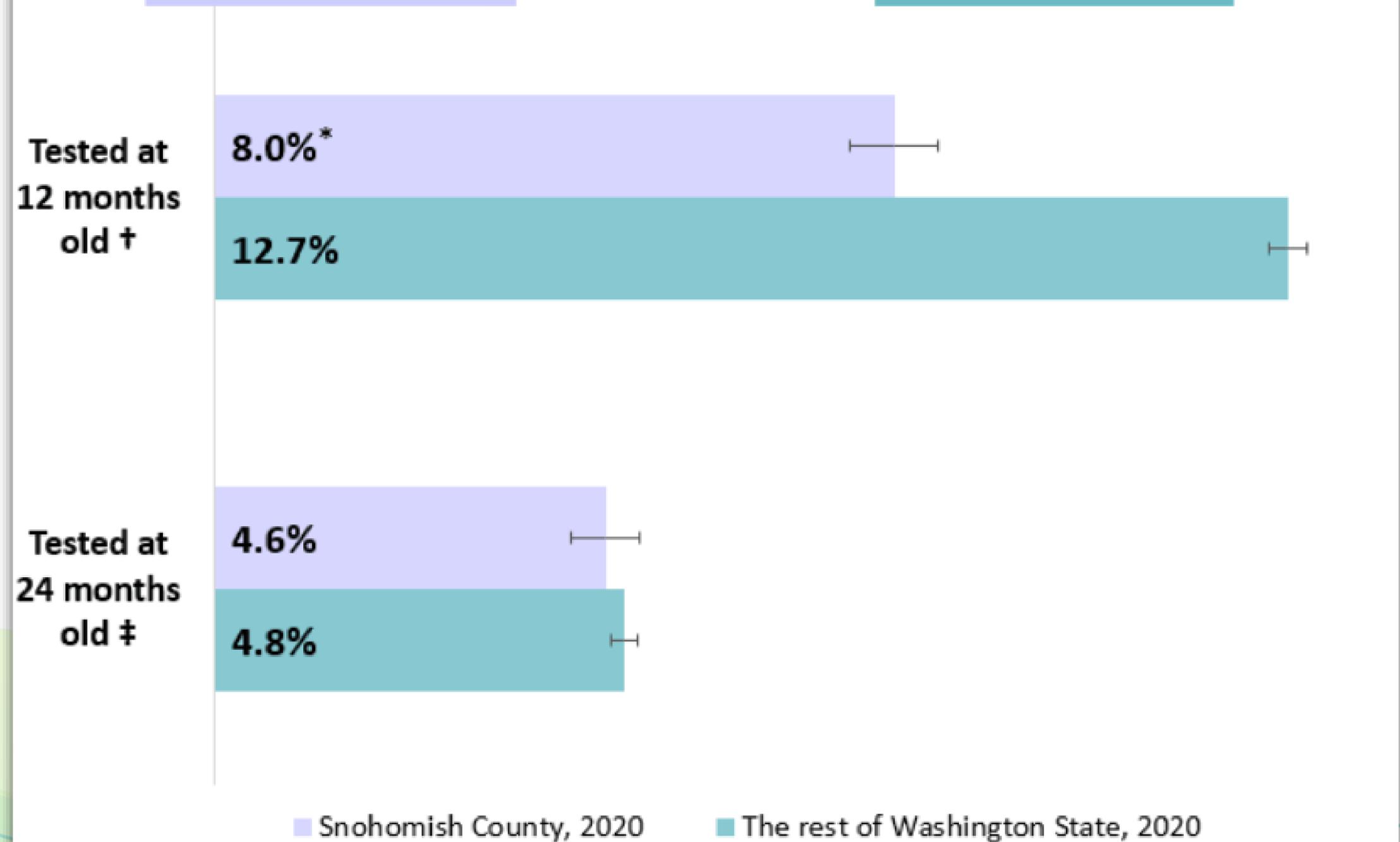
Data

Case Ascertainment Ratio, Equity, & Disproportionate Effect of Lead Poisoning



BIPOC and low-income children are more disproportionately affected by lead poisoning.

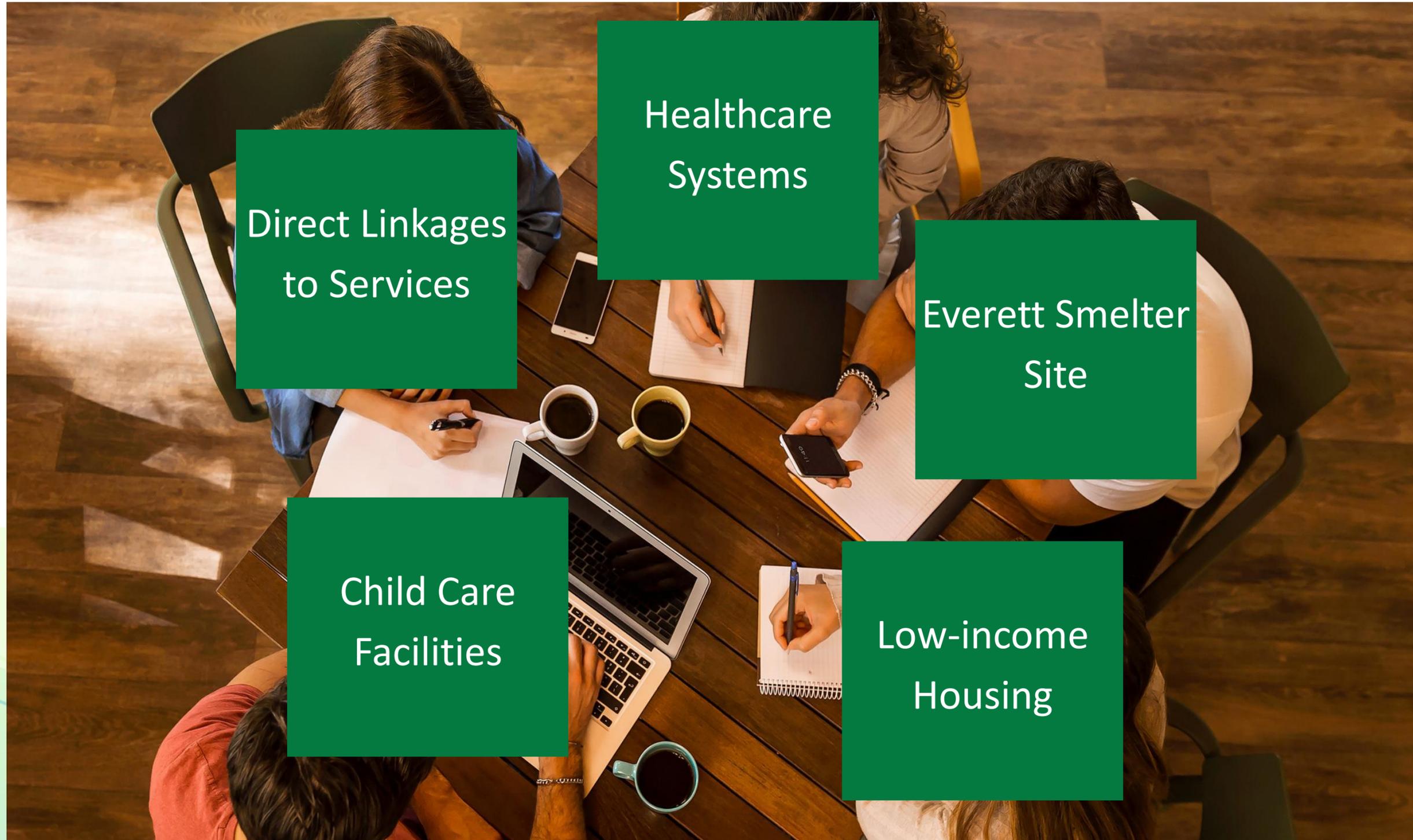
Blood lead testing rates are lower in Snohomish County than in the rest of Washington State



† Children tested at the ages of 9-15 months
‡ Children tested at the ages of 21-27 months

* Significantly different compared to the rest of Washington State
— 95% confidence intervals

How are we working to reach our goal?



Direct Linkages
to Services

Healthcare
Systems

Everett Smelter
Site

Child Care
Facilities

Low-income
Housing

Prong 1: Direct Linkages to Services

- Telephone Investigation
- Home Visits
- Plan of Care
- Developmental and Nutritional Screenings
- Education & Prevention
- Healthcare Provider Liaison



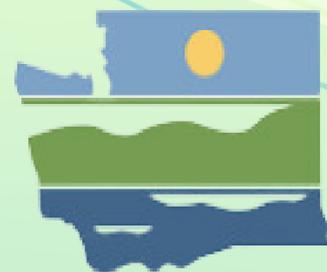
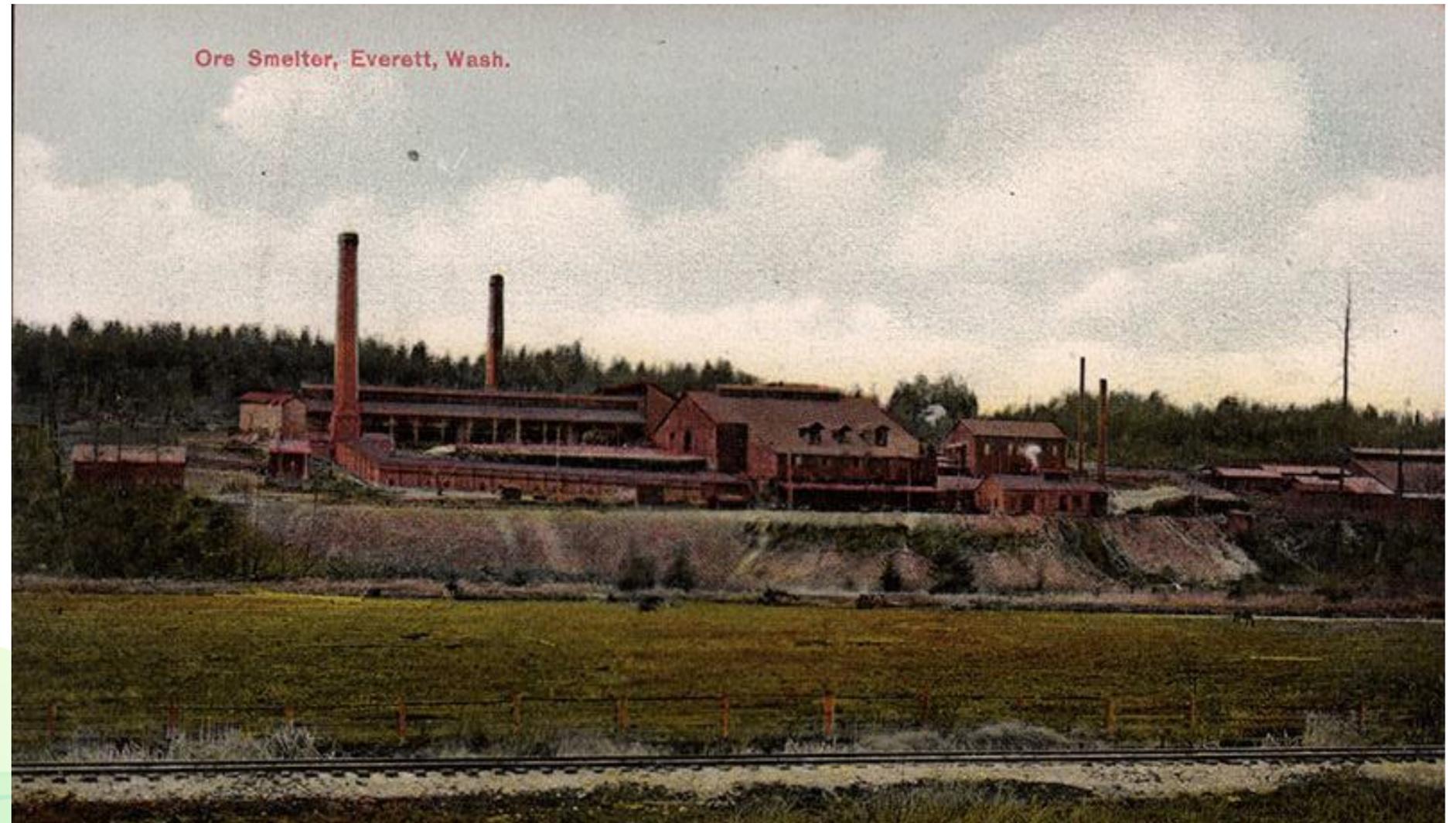
Prong 2: Healthcare Systems

- Increase blood lead level testing
- Educational materials
- Provider toolkit
- Continuing education for providers



Prong 3: Everett Smelter Site

- Partner with Department of Ecology
- Educate families



DEPARTMENT OF
ECOLOGY
State of Washington

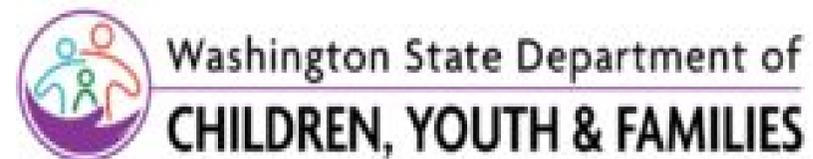
Prong 4: Low-income Housing

- Ensuring housing policies include lead-safe practices
- Housing provider and resident education



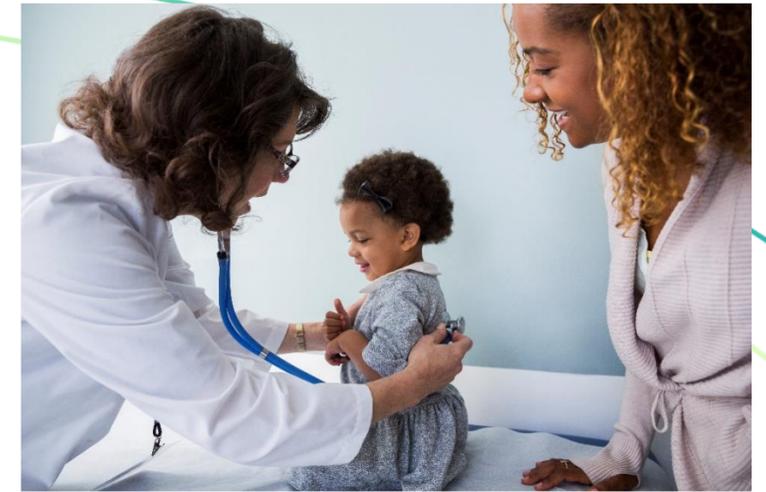
Prong 5: Child Care Facilities

- Lead-safe child care spaces
- Parent education
- Childhood Lead Poisoning Prevention class
- Educational resources to child care providers, licensors, & families



Next Steps

- Continue to educate healthcare providers on when and how to test children for lead
- Recognize National Lead Poisoning Prevention Week (NLPPW), October 20-26, 2024
- Ongoing projects in every prong to increase awareness and education
- Development of Point-of-care Blood Lead Testing course to train volunteers and staff



National Lead Poisoning Prevention Week

October 20-26, 2024

Get the facts

Get your child tested

Get your home tested

Bright futures begin lead-free

#LeadFreeKids
#NLPPW2024

A promotional banner for National Lead Poisoning Prevention Week. It features three icons: a laptop for 'Get the facts', a family for 'Get your child tested', and a house for 'Get your home tested'. Below the icons is the slogan 'Bright futures begin lead-free'. At the bottom, there are social media hashtags and logos for Lead Free Kids, EPA, the Department of Housing and Urban Development, and the CDC.

Accomplishments

- Development of multiple resources and distributable materials
 - Updated website including online toolkits for health care providers and early learning professionals
 - Zine (or small magazine) brochures available in 13 different languages
- Collaboration with community partners
- Attendance at community events



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Questions?

PUBLIC HEALTH
always working for a safer & healthier
SNOHOMISH COUNTY