

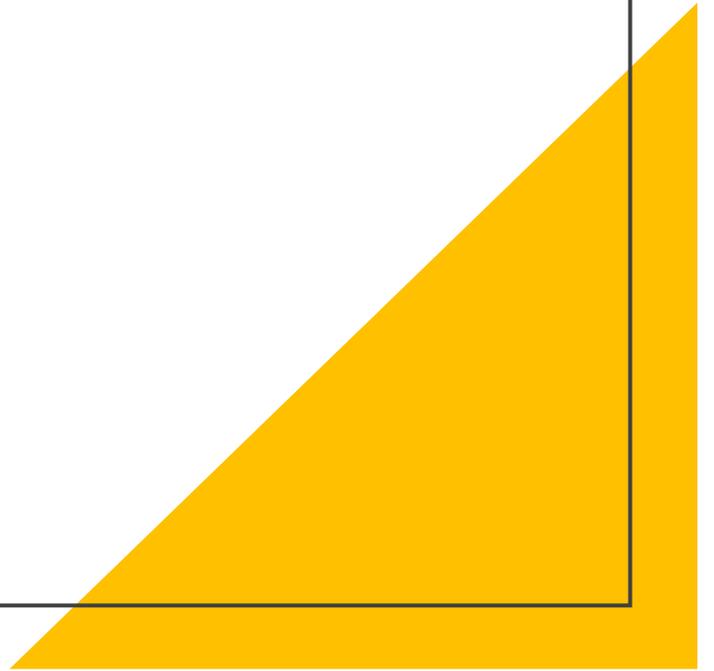
# CHILDHOOD LEAD ADVISORY WORKGROUP

HOUSING POLICY  
SUBGROUP

MEETING  
MINUTES  
February 14<sup>th</sup>, 2022

# Introductions

- Name
- Organization



# Meeting Agenda

- HUD targeted outreach plan
  - Discussion of areas in the state high rates of children with ELLs with low rates of testing
  - Potential partnership with HUD for targeted outreach and testing
  - Updates with funding
  - Next steps for subgroup
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# HUD Targeted Outreach



# High Blood Lead Levels Among Children Ages 1-2 Years of Age



Data Evaluation 2019-2020, n = 57,103

Performed by Amanda C. Hagerman, MPH

Newborn Screening & Childhood Epidemiologist

From 2019 to 2020, **2.5%** of children ages  
1-2 had a high blood lead test result

Children tested = 57,103



# What are the Measures and Trends to Explore?

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## Geographic Variation

County of Residence &  
Statistical Region



## Demographic Variables

Race/Ethnicity



## High Blood Lead Levels

Definition: Children with a result of 5  $\mu\text{g}/\text{dL}$  or higher

\* If a child was retested, the most recent test was analyzed.

# Where do Children Reside Who Had a High Blood Lead Test?

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**44.3%** reside in Metro (> 50 K)

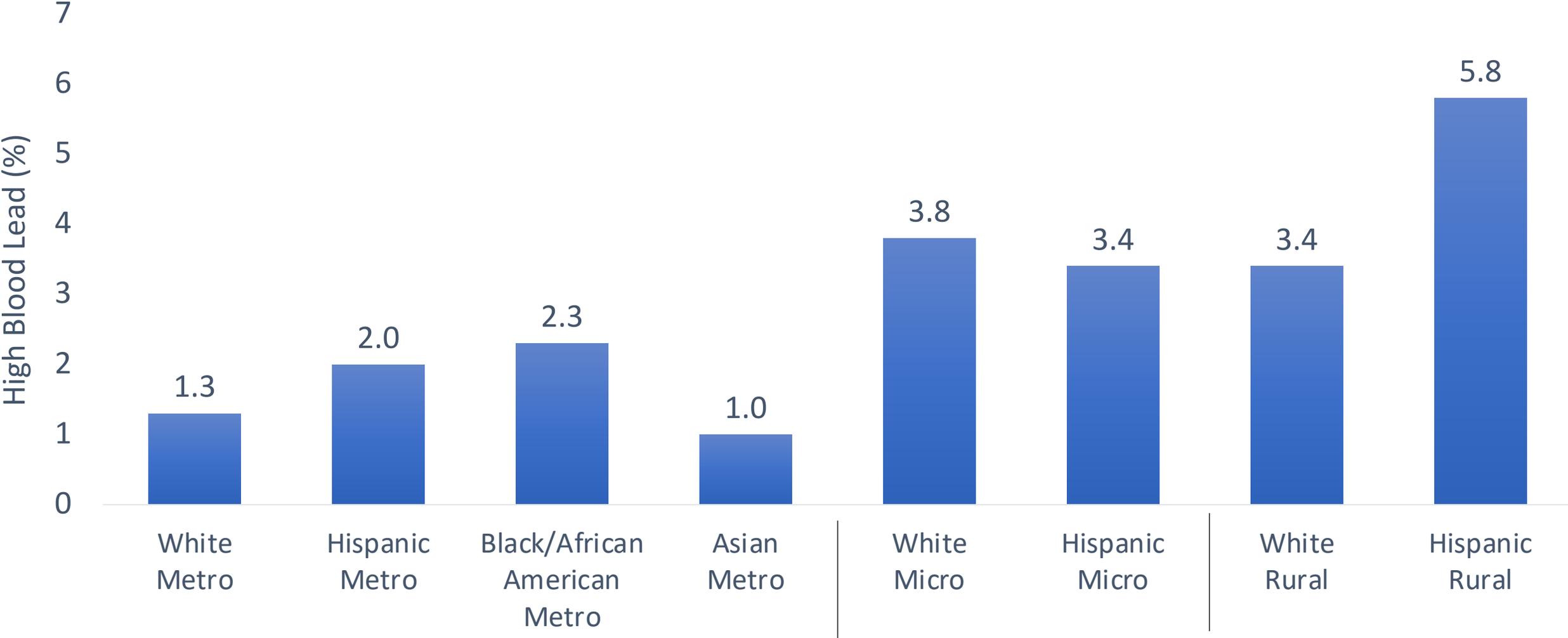


**22.6%** reside in Micropolitan (10K<50K)



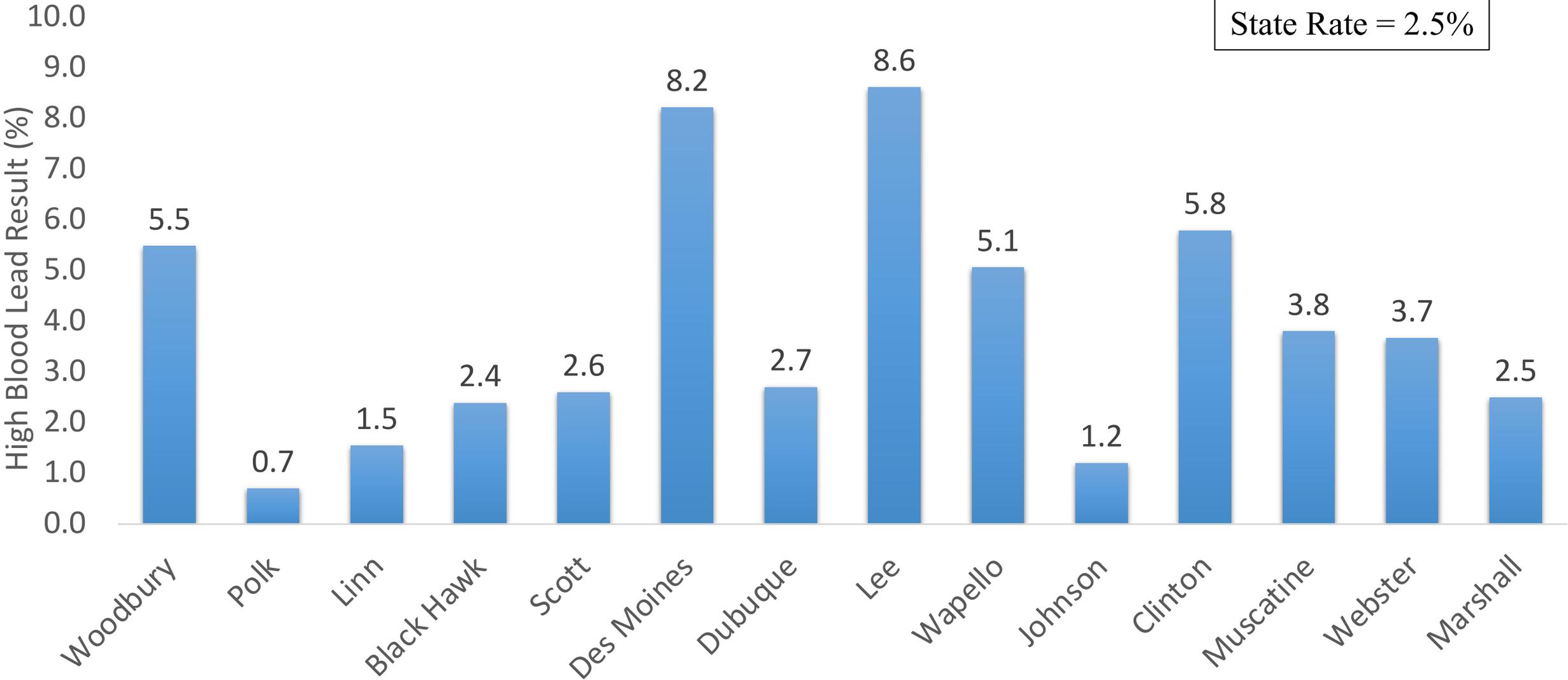
**33.1%** reside in Rural (< 10 K)

# What is the % of Children with a High Blood Lead Test Result by Race/Ethnicity & Statistical Region of Residence?



*\*AI/AN & Hawaiian/Pacific Islander not displayed due to low denominator.*

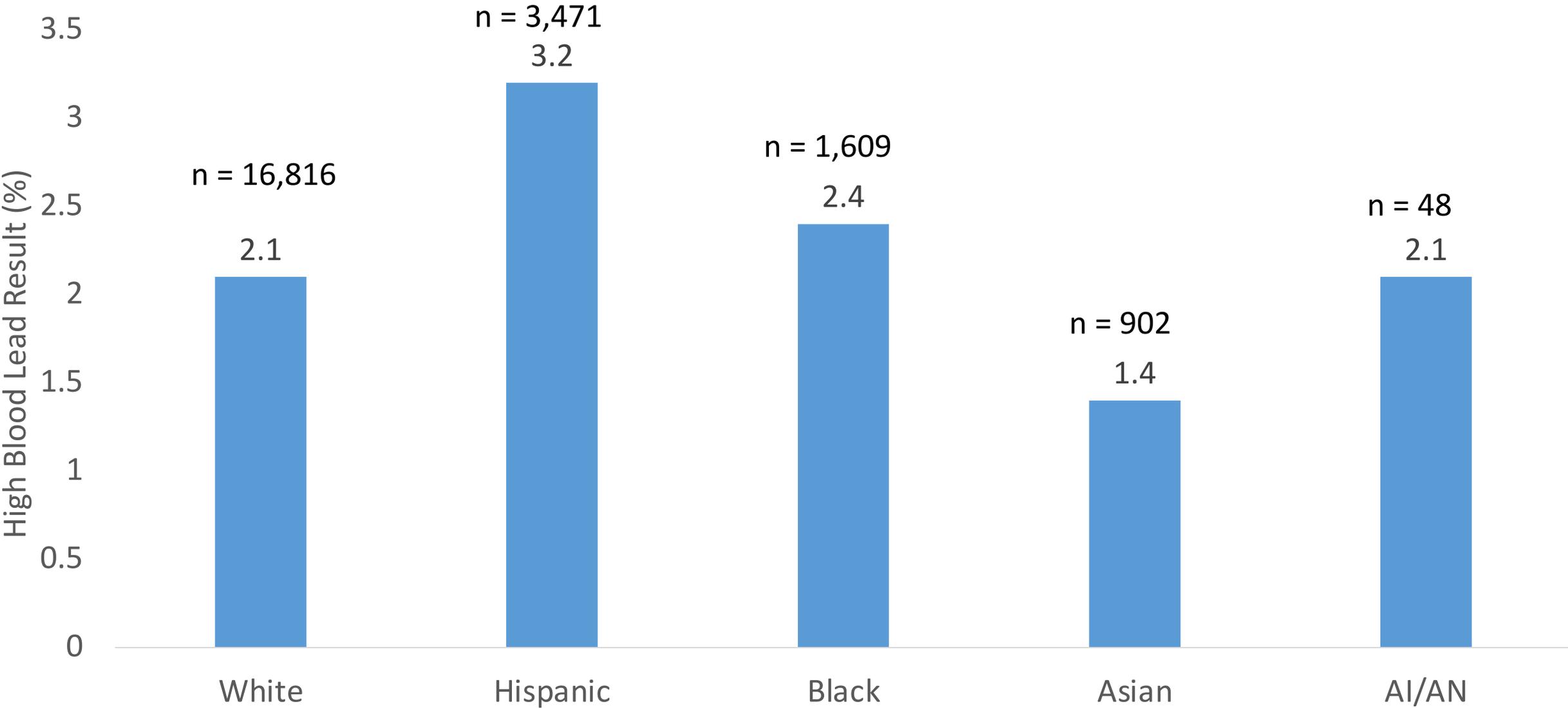
# What is the Proportion of Children with a High Blood Lead Test Result Among Top Contributing Counties of Residence?



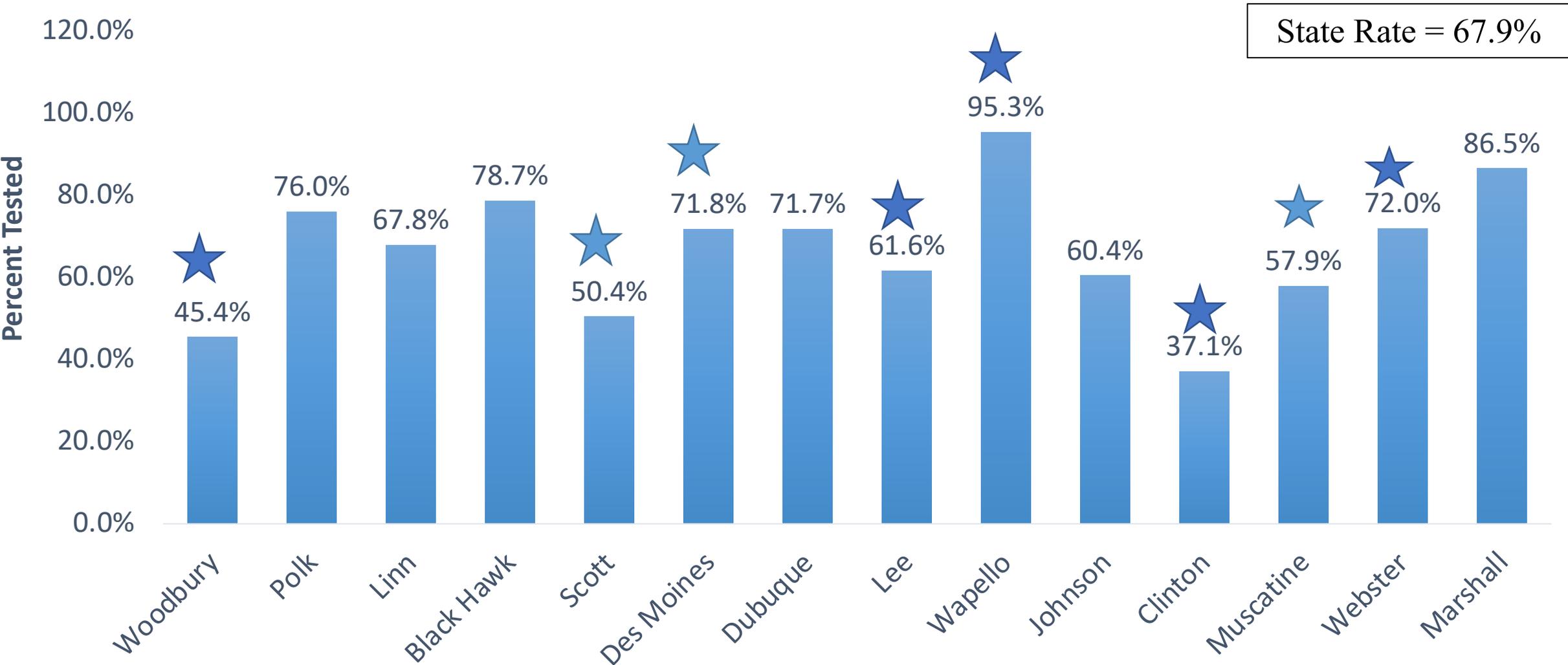
State Rate = 2.5%

\*Represents Top Contributing Counties of Residence with a High Blood Lead Test.

# What is the % of Children with a High Blood Lead Test Result by Race/Ethnicity?



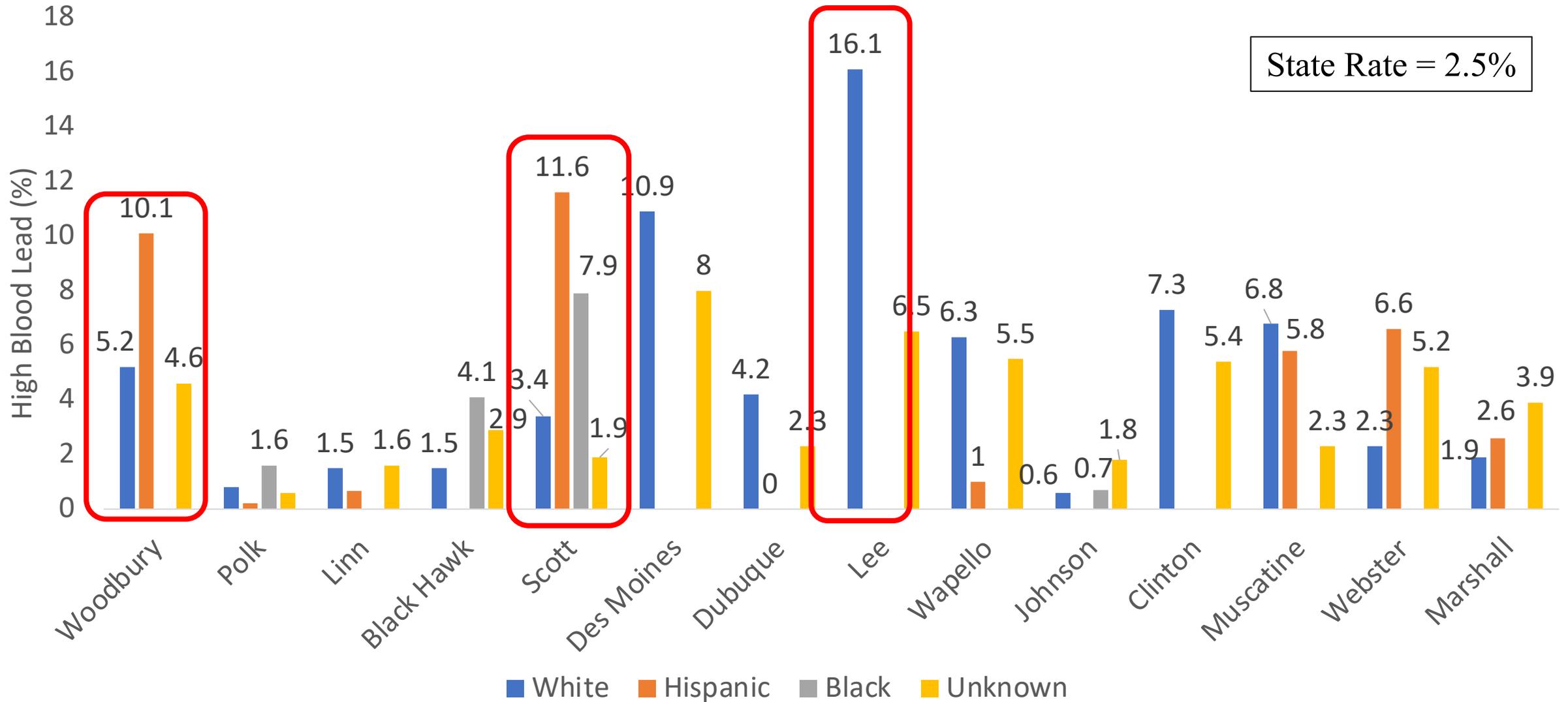
# What is the Avg. Percentage of Children Who Received a Blood Lead Test for 2019 and 2020 Among Top Contributing Counties for High Blood Lead Test Result?



State Rate = 67.9%

\*Represents Top Contributing Counties of Residence with a High Blood Lead Test. ★ Indicates counties with high % of High Blood Pb.

# What is the % of Children with a High Blood Lead Test Result by Race/Ethnicity Among Top Contributing Counties of Residence?



\*Represents Top Contributing Counties of Residence with a High Blood Lead Test. Asian, AI/AN, and Hawaiian/Pacific Islander not displayed.

# Conclusion



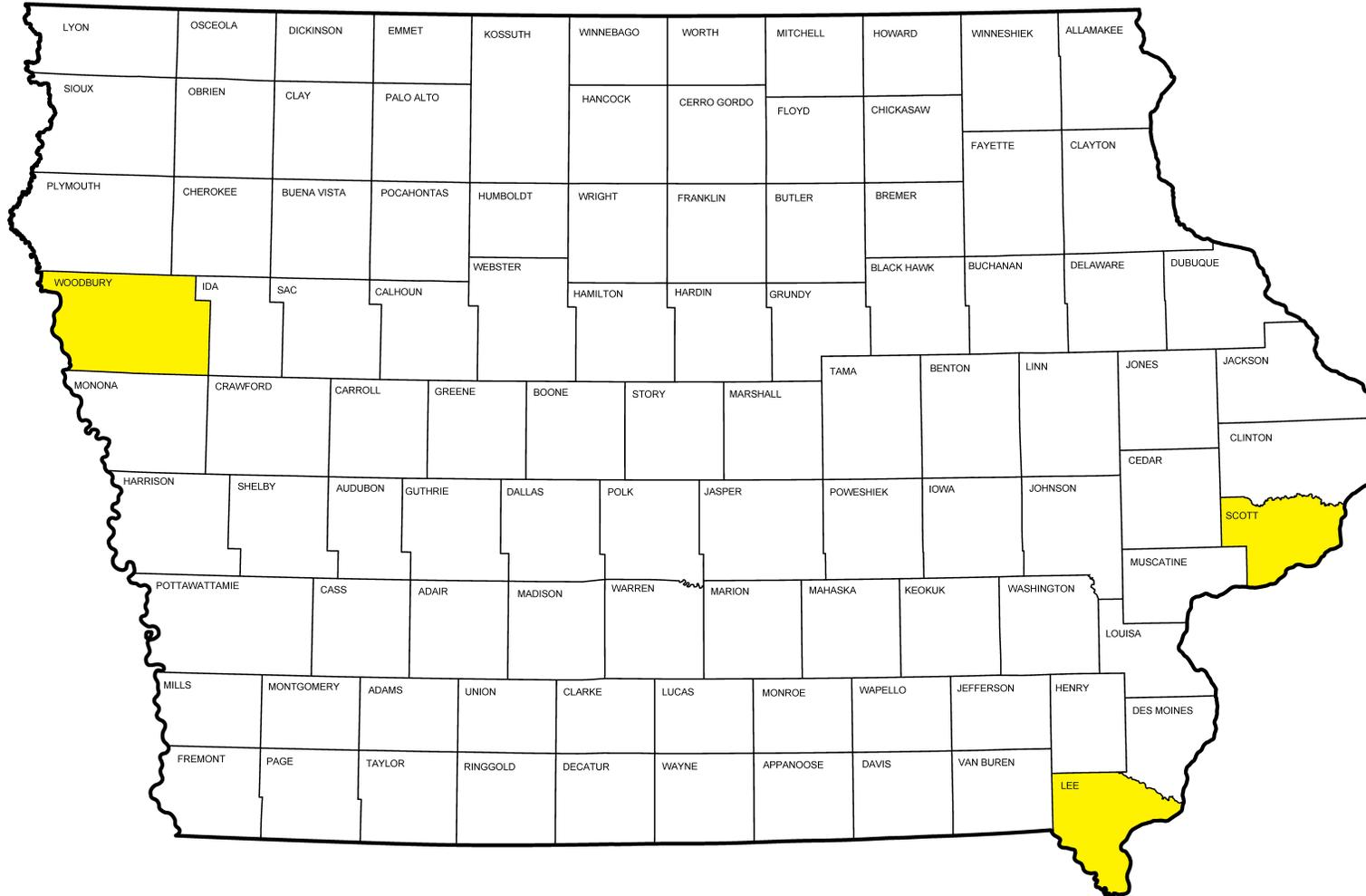
- The percentage with a high BLL result was more than 2 times higher among children from Rural & Micropolitan communities (3.7%) when compared to Metropolitan (1.6%).
- Hispanic/Latino children had the highest percentage with a high BLL result (3.2%) followed by Black/African American (2.4%).
- Hispanic/Latino children who resided in rural areas had the largest percentage with a high blood Lead test (5.8%) followed by White children who reside in Micropolitan communities (3.8%).
- In Metropolitan locations, children who identified as Black/African American had the largest % (2.3%) of children with a high blood Lead test result.
- The counties Woodbury, Scott, Des Moines, Lee, Wapello, Clinton, & Muscatine not only contribute a larger percentage of children with high Lead levels in their blood but also have higher proportions.
- 20% of Hispanic children (n=72) in Wright County have a high blood Lead test result.

# Moving Forward...



- ❑ The counties highly impacting the data are Woodbury, Scott, Des Moines, & Lee
- ❑ The counties that are impacting the data for the Hispanic population are Woodbury, Scott, & Wright.
- ❑ Testing and programming need to be strengthened in Scott County for the Black/African American community.
- ❑ There is a double burden in several counties (higher rates of lead in blood & lower rates of testing) such as Woodbury, Scott, Lee, Clinton, Muscatine, Wright, & others. This needs to be further evaluated and targeted.

# Targeted Outreach - Lead



- In Woodbury, Scott, and Lee counties
- How can we partner to accomplish this?
  - Targeted education
  - Targeted testing

# Updates

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- IEDA funding updates
- HUD Radon funding

# CLAW Housing Subgroup – Next Steps

- Survey recommendations
  - Central repository for open funding opportunities, available intervention services, resources for targeted outreach
  - Provide regular communication to all sectors
  - Make certification training more accessible



# Lead & Housing Resource Document

- What should be included?
  - Open funding opportunities for lead
  - Funding opportunities not specifically for lead but addresses lead issues
  - Rules/regulations
- Where should this be housed?



Thank you!