

CHILDHOOD LEAD ADVISORY WORKGROUP

IDPH
IOWA Department
of PUBLIC HEALTH

IOWA
Institute of Public Health
Research and Policy

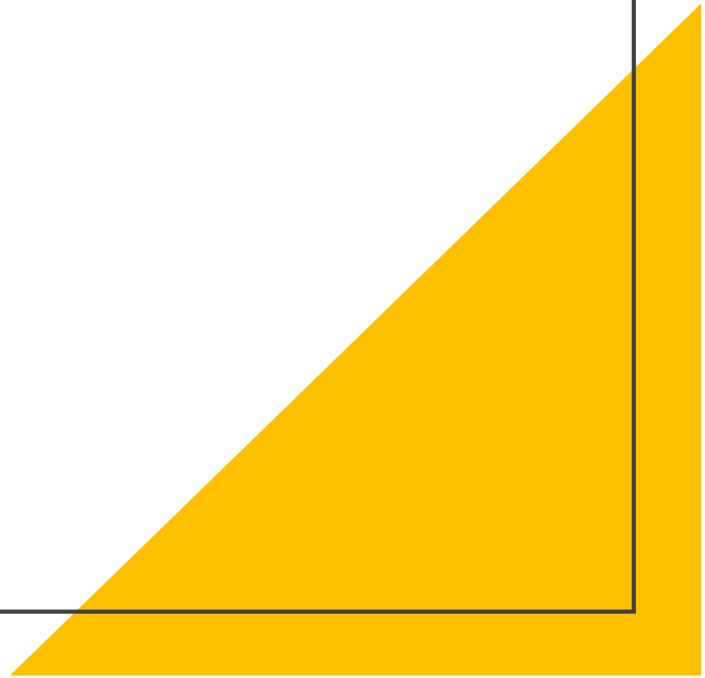


MEETING

January 20, 2022

Introductions in the chat

- Name
- Organization





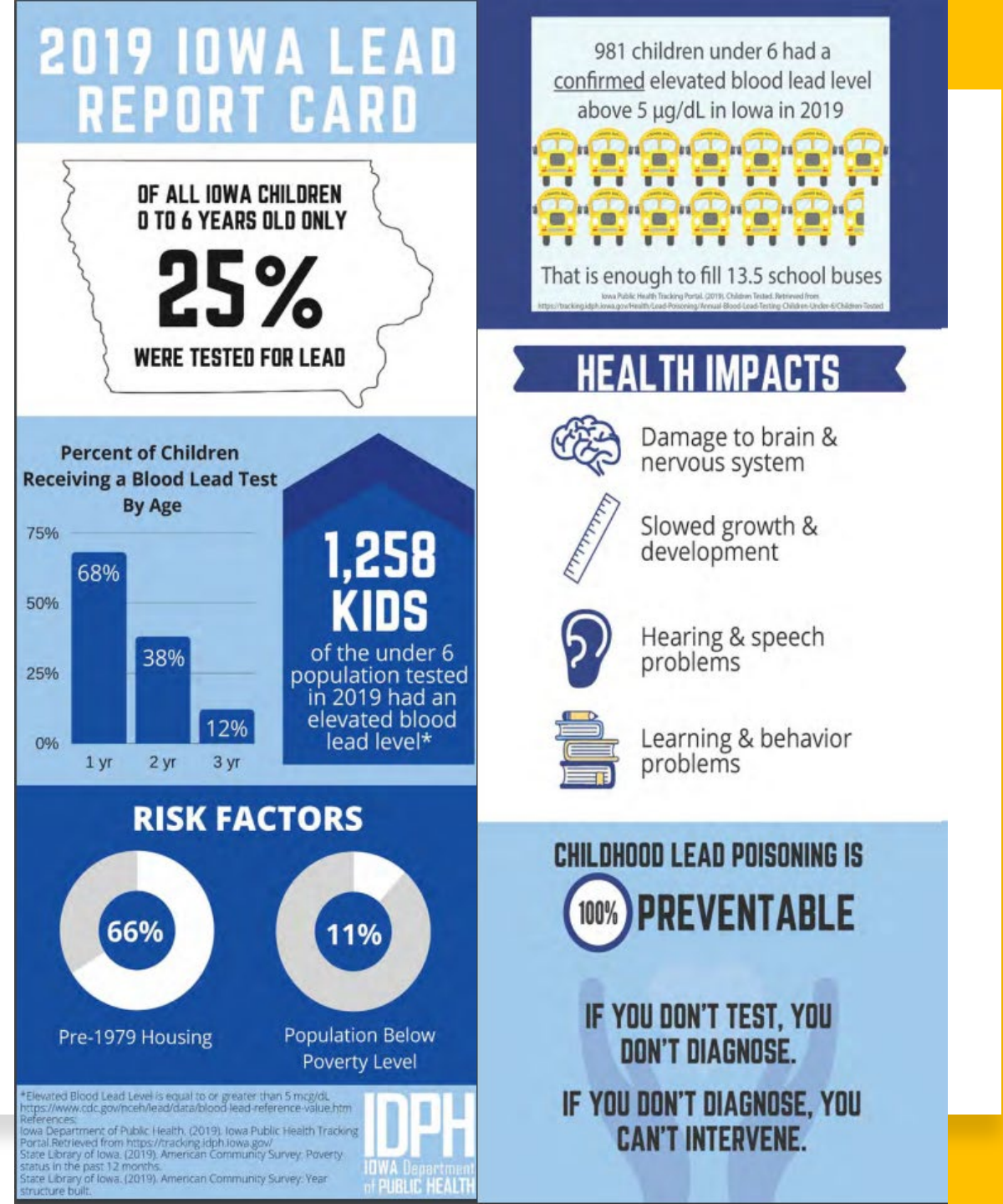
Meeting Agenda

Time	Topic
1:00pm – 1:05pm	Introductions
1:05pm – 1:25pm	CHEEC Presentation – Lead in Drinking Water Assessment Tool
1:25pm – 1:30pm	CHEEC time for questions
1:30pm – 1:45pm	SHL Presentation – Guidance on Blood Lead Sample Submission and Analysis
1:45pm – 1:50pm	SHL time for questions
1:50pm – 2:05pm	2020 County Lead Report Card Discussion
2:05pm – 2:25pm	Reference Value update, LeadCare II recall survey results, other things impacting BLT
2:25pm – 2:30pm	Wrap up

2020

County Lead Report Cards – We need your feedback!

- Are you using them?
 - If so, what can we do to improve them?
 - If not, why? (difficult to find, formatting, forget they are there)
- Is there any information you feel we should add?
 - Testing reminders
- Is there a better way to format these for easier printing?



Updates

- Impact of LeadCare II Test Kit Recall
- Updated CDC Blood Lead Reference Value (3.5 $\mu\text{g}/\text{dL}$)

Recall of LeadCare® Blood Lead Tests Due to Risk of Falsely Low Results

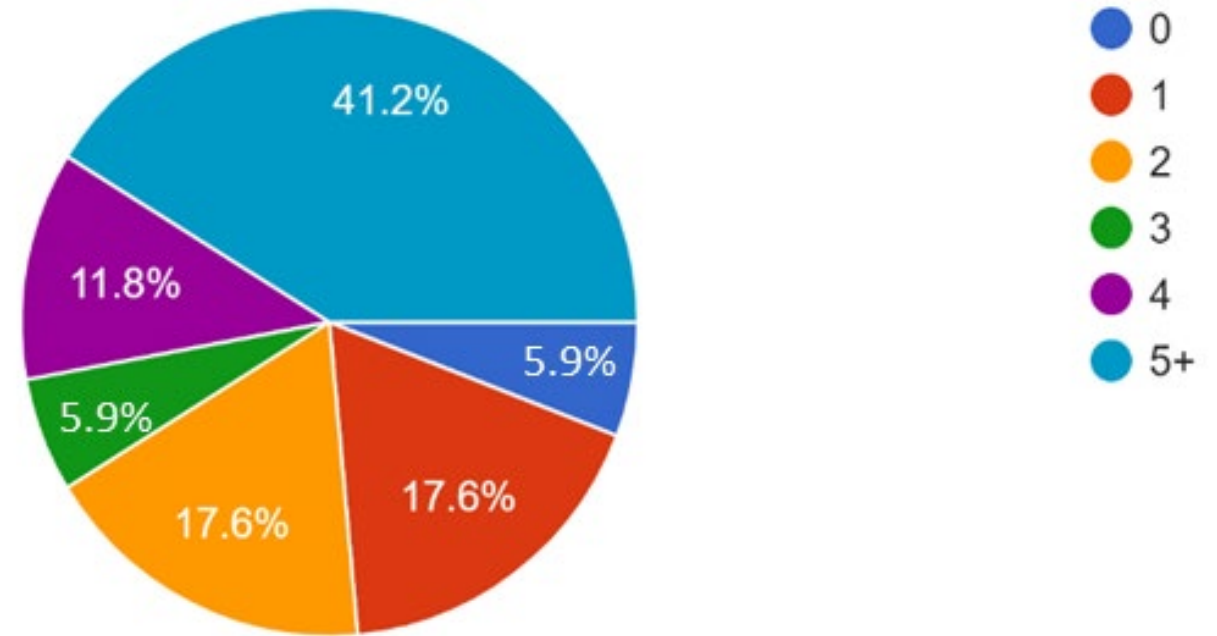


- FDA Class I Recall – Highest level due to serious injury
- Magellan Diagnostics - LeadCare II, LeadCare Plus, and LeadCare Ultra Blood Lead Tests Kits
- All test kits distributed from October 27, 2020 – August 12, 2021
- Product distribution has been paused until further notice
- Replacement product is currently unavailable
- It is unknown when replacement product will be available

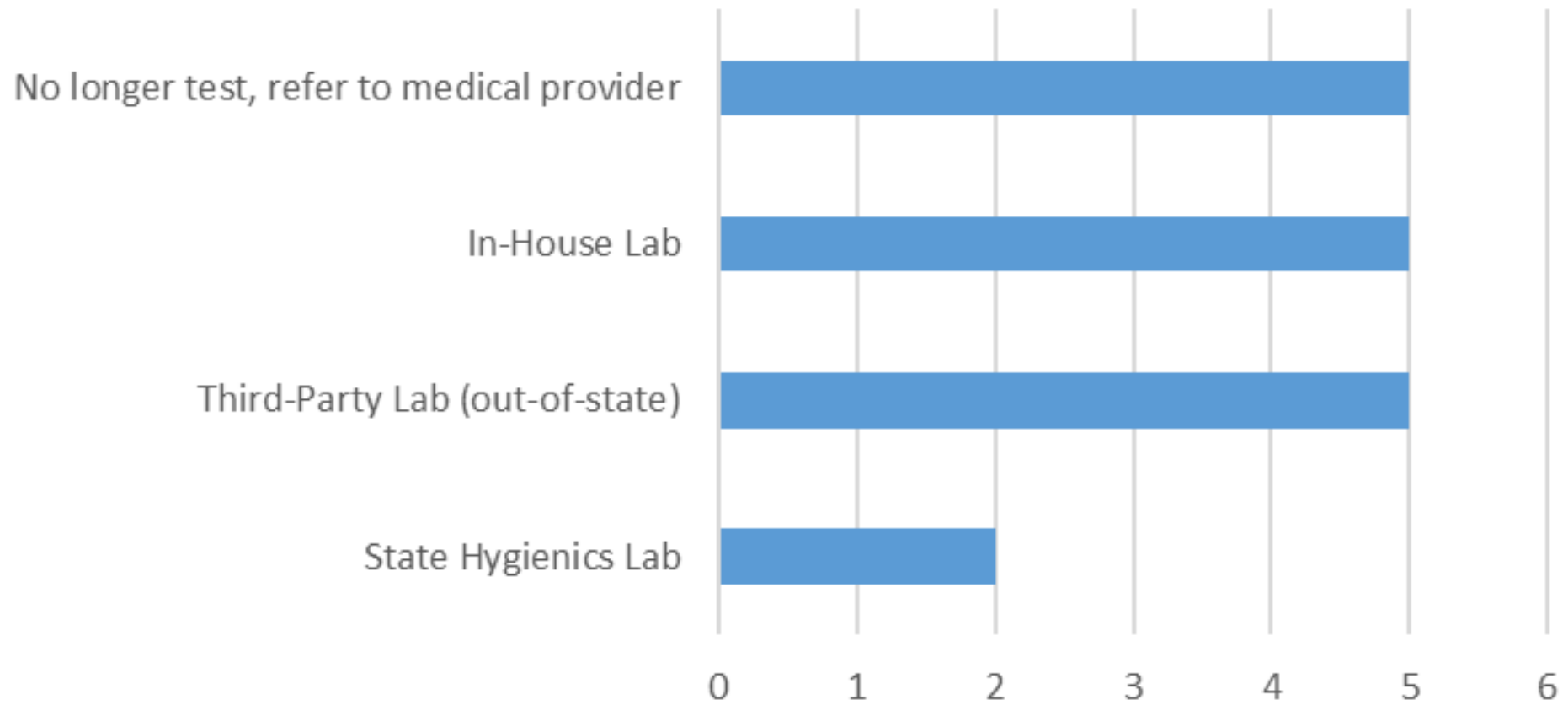
IDPH Survey on Impact of FDA Recall on LeadCare® Test Kits

- November 2021
- 87 Lead Care II users surveyed
- 17 Responses
- 14 Counties
 - 9 – Rural (<50K)
 - 5 – Metropolitan (>50K)

Number of individual providers in clinic/practice conducting blood lead tests



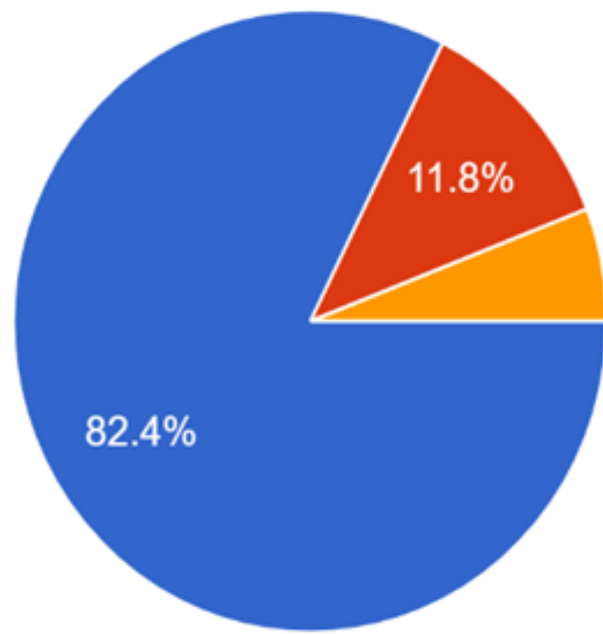
How are LCII™ blood samples currently being analyzed?





Since the July 2021 recall has the clinic/practice experienced a decline in the number of tests performed using LeadCare devices?

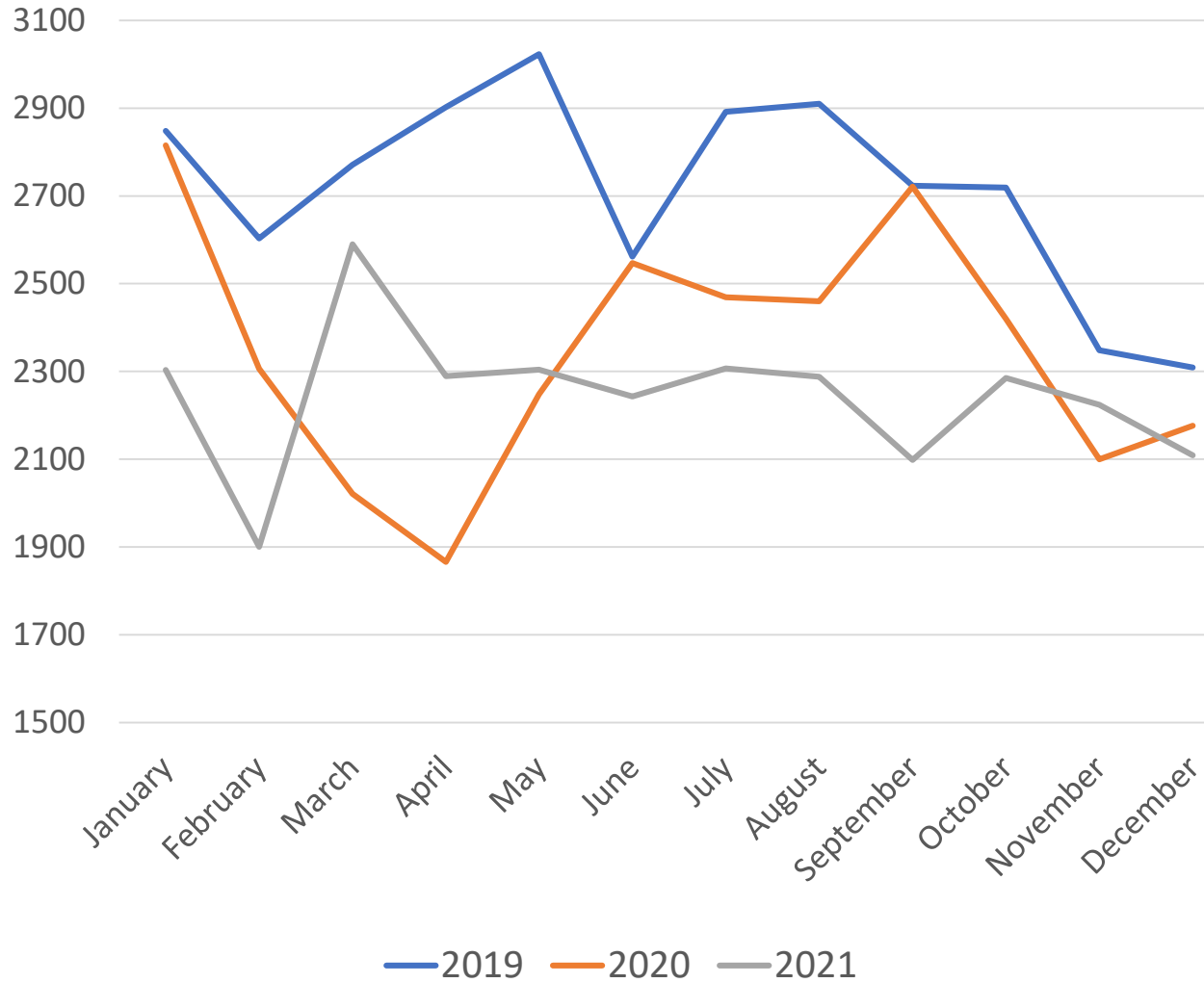
17 responses



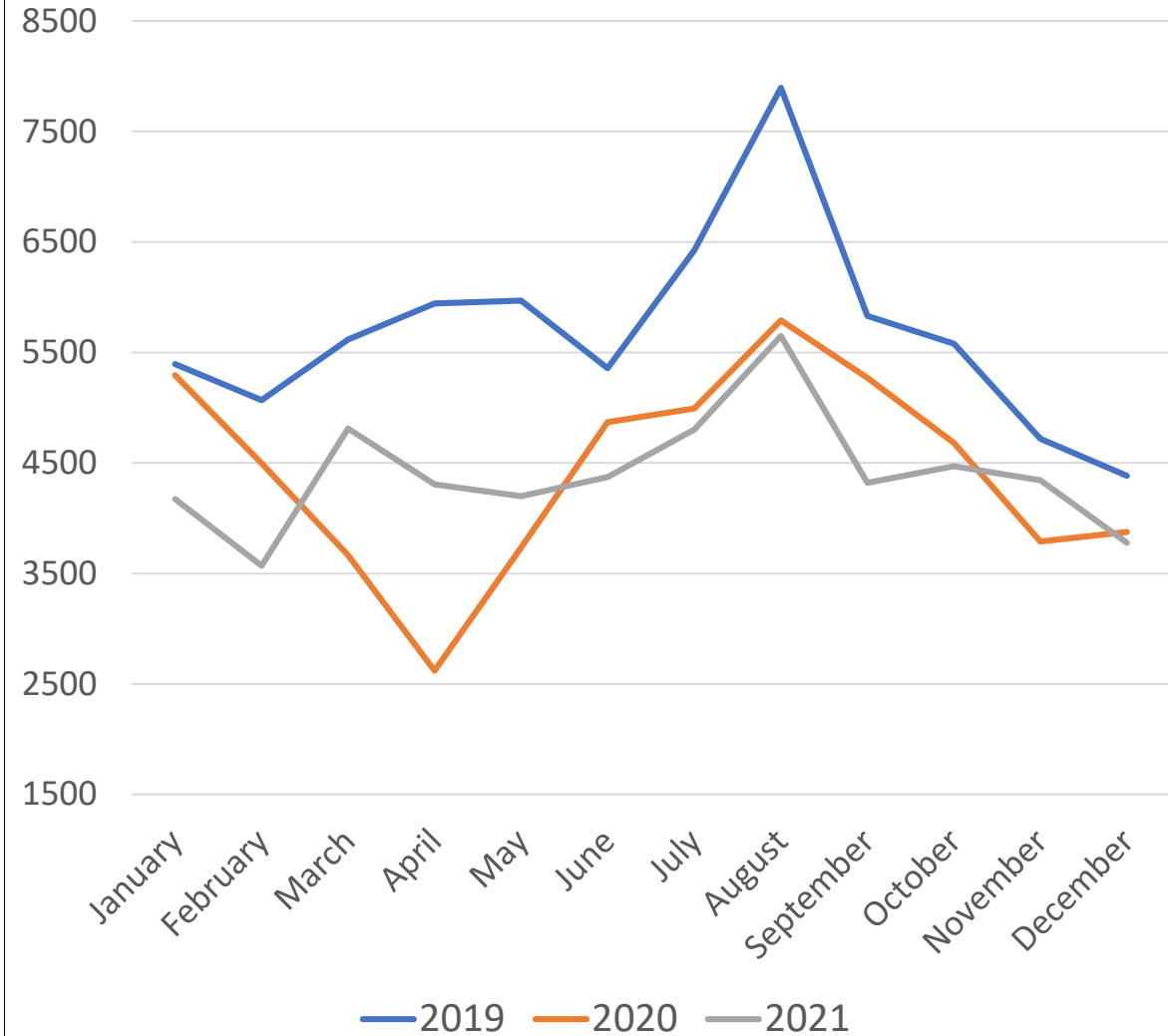
- Yes
- No
- Unknown

Impact of COVID-19 and Test Kit Recall on Blood Lead Testing

Number of children tested per month (1-<2 years in age)



Number of children tested per month (<6 years in age)





Recommendations for Providers & Clinicians

1. Continue to schedule and perform required blood lead tests for patients
2. Discontinue using all test kit lots identified as part of the recall
3. Prioritize testing for children:
 - With clinical concerns or developmental problems related to lead exposure,
 - Populations at higher risk of elevated blood lead levels,
 - Pregnant or breastfeeding women, or
 - Recent immigrant or refugee children.

Recommendations for Public Health Professionals

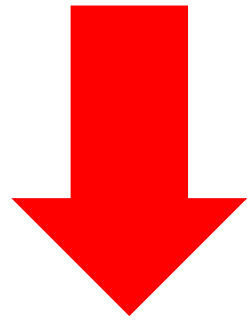
1. Work with healthcare providers in their jurisdictions to ensure patients receive their required blood lead tests.
2. Make providers aware that:
 - Delaying testing or not testing misses lead exposed kids needing treatment or services
 - State and public health laboratories may be able to help with additional demands for higher complexity testing
 - New Iowa blood lead testing and screening guidelines are in place. Search: IDPH>Childhood Lead>Blood Lead Testing



CDC Updated Blood Lead Reference Value (BLRV) in October 2021



5_{ug/dL}



3.5_{ug/dL}

BLRV is:

- A measure for identifying children with higher levels of lead in their blood compared to most children (2.5% of children tested)
- A policy guide to identify children needing follow-up actions
- Not a health-based standard or a toxicity threshold
- A means for prioritizing communities with the most need for primary prevention of exposure
- A tool to measure the effectiveness of prevention efforts

Four Primary Actions for ALL Blood Lead Levels

1. Inform family of blood lead result and what it means for their child.
2. Provide information to the family regarding the health effects of lead poisoning.
3. Educate the family on the importance of hygiene (washing of hands & face regularly), proper nutrition, and housekeeping (minimizing dust & dirt).
4. Schedule initial and follow up blood lead tests.



IDPH Guidance for Implementation - Online Resources

- Childhood Lead Poisoning Prevention Program – All Resources Page
<https://idph.iowa.gov/Environmental-Health-Services/Childhood-Lead-Poisoning-Prevention/resources>
- Updated Screening Tool and Blood Lead Testing Recommendations for Children 12 and 24 Months of Age
 - 6 languages (English, Spanish, French, Swahili, Laotian, and Arabic)
- Guidelines for Treatment and Follow Up on Childhood Blood Lead Levels
- 2019 Iowa County Lead Report Cards
- Education & Outreach Materials
- Childhood Lead Program Video Training Modules & Educational Videos

Thank you!

- Keep an eye out in your email for the next CLAW meeting!
- Upcoming meetings:
 - Blood Lead Testing Subgroup: February 7th, 2022
 - Housing Subgroup: February 14th, 2022