

Healthy Homes/Healthy Children *Building a Safer, Stronger Ohio*

Ohio Healthy Homes Network
2024 Annual Spring Forum

May 10, 2024

Mary DiOrio, MD, MPH
Medical Director
The Ohio Department of Health

Overview

- Ohio Healthy Homes and Lead Poisoning Prevention Program.
- Public Health response to childhood lead exposure.
- Lead safe housing fund progress.

Central Ohio Family

- Two children diagnosed with lead poisoning.
- Both hospitalized.



Source: CDC



Lead exposure in children can cause:

- Damage to the brain and nervous system.
- Slowed growth and development.
- Learning and behavior problems.
- Hearing and speech problems.

This can cause:

- Lower IQ.
- Decreased ability to pay attention.
- Underperformance in school.

Source: CDC

Governor DeWine:

“Every child in Ohio deserves to live a fulfilling life where they have the opportunity to reach their God-given potential.”



Recommendations of the
Governor's
Lead Advisory Committee

--- REPORT ---



January 2021



MIKE DEWINE
GOVERNOR OF OHIO

www.Governor.Ohio.gov



GOVERNOR'S
CHILDREN'S INITIATIVE

www.ChildrenInitiatives.Ohio.gov



Department of
Health

Key Recommendation:

Adopt CDC's blood lead reference value of **3.5 $\mu\text{g}/\text{dL}$** .

- Ohio Administrative Code rule changes effective July 1, 2023.
- Changes align Ohio with the CDC Blood Lead Reference Value.
- Public health actions for EBLL cases commenced July 1, 2023.

Enhanced Services

- A home visit by a public health professional and education about lead exposure.
- Awareness of environmental intervention options available from local, state, and federal lead hazard control and rehabilitation programs.
- Links to the Lead Abatement Tax Credit Program, early intervention services, Help Me Grow programs, and other resources.

Families Reached

~ **1,500**

These are families who were previously ineligible for these services.

Workforce – Lead Abatement Workers

- Reduced training hours to 16, down from 24.
- ODH subsidizes training, licensure, exam fees.

Workforce Growth

Result: **16%** increase in
workforce since 2023!

> 1,500 individuals today

No. Children < Age 6 with EBLL $\geq 10\mu\text{g/dL}$

1999 = 8,968

2022 = 841

91% Reduction!

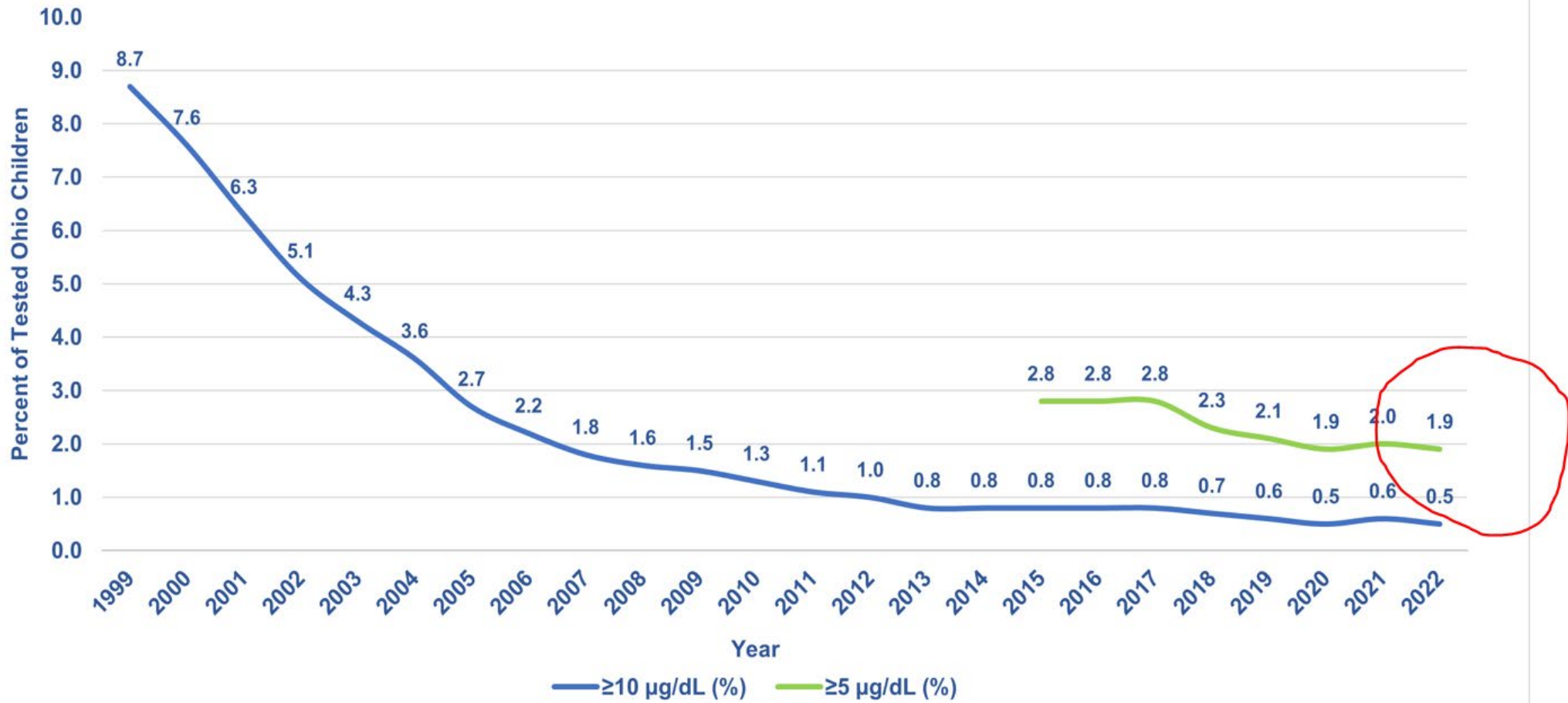


SHIP Target 2020-2022

Indicator (source)	Baseline (2017)	Short-term target (2022)	Intermediate target (2025)	Long-term target (2028)
CD6. Child lead poisoning. Percent of children, ages 0-5, with elevated blood lead levels (BLL \geq 5 ug/dl) (confirmed only) (ODH)	2.8%	2.25%	2.2%	2.15%
Priority population				
Residents of high-risk zip codes (As defined in ODH data warehouse)	3.5%	2.89%	2.52%	2.15%

Target source: ODH

Percent of Tested Ohio Children, Less than Six Years of Age, with a Confirmed Elevated Blood Lead Level ($\geq 10 \mu\text{g/dL}$ and $\geq 5 \mu\text{g/dL}$) (1999-2022)

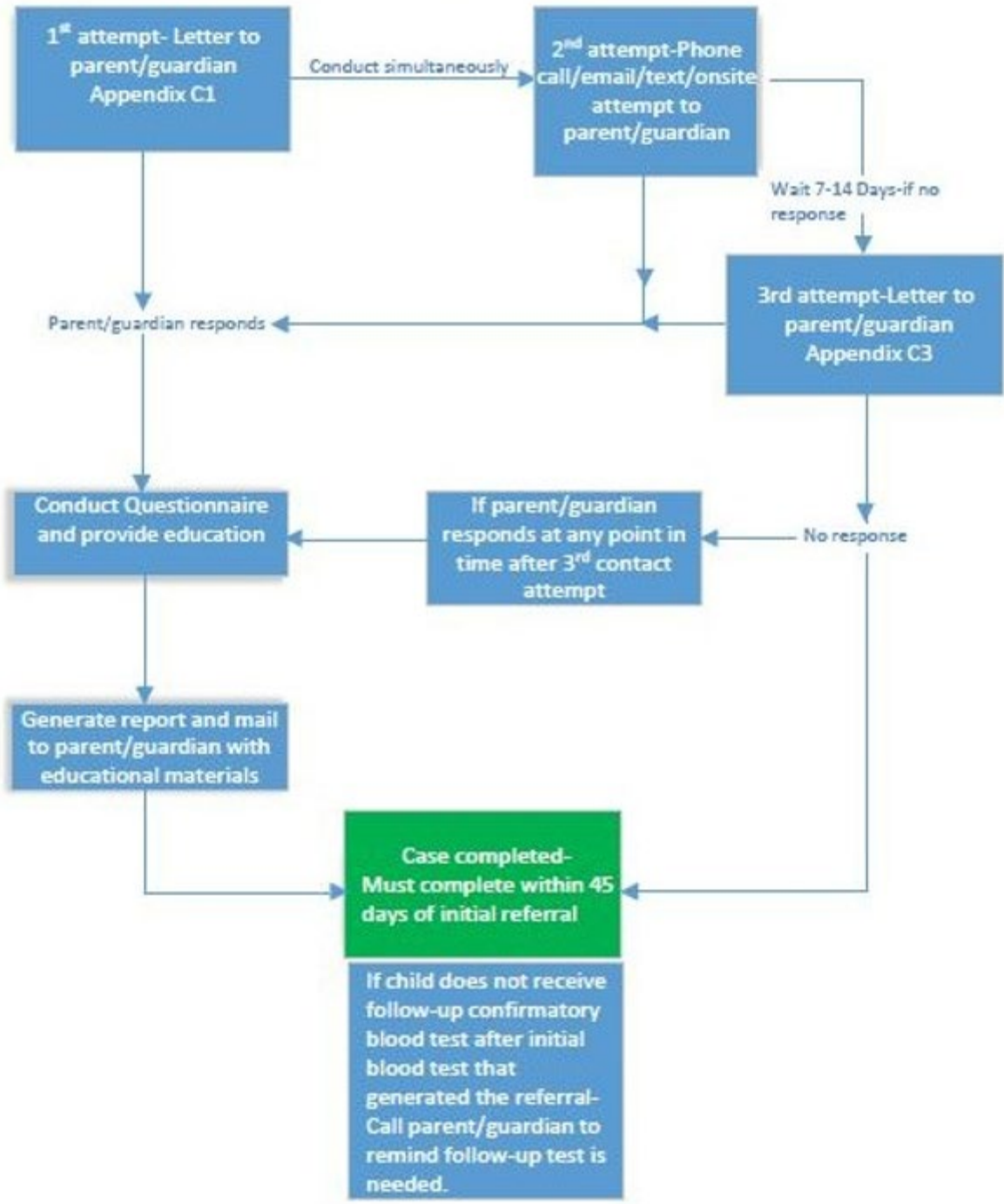


Abating Lead

- Grants offered through the **Ohio Healthy Homes and Lead Poisoning Prevention Program.**
- Typical grant, on average = **\$30,000.**

Lead Poisoned Child Referrals

- 10 μ g/dL or greater results.
 - Cases in this range are known as lead poisoned child cases.
 - Childhood Lead Exposure Questionnaire.
 - Onsite Lead Inspection/Risk Assessment (LIRA).
 - Public Health Lead Investigator will respond to these cases.



Elevated Blood Lead Level Cases

Jurisdiction	Cases	Completed Questionnaires	Completed Cases	Percent Complete
ODH	880	460	834	94.77
Delegated Authorities	1294	483	1017	78.59
Total	2174	943	1851	85.14

Ohio has **85%** case completion rate!

[Find Lead-Safe Housing](#)

[Register Lead-Safe Housing](#)

[Lead-Safe Definition](#)

The Ohio Housing Locator collaboration is committed to increasing access and awareness of lead-safe housing.

Ohio Lead-Safe/Free Registry

Lead has been used for many years in products found in and around our homes. Many homes built before 1978 have lead-based paint.

The owner or agent of the residential rental unit may register the rental unit on the lead-safe residential rental unit registry. Documentation must be provided by the owner or agent to identify all or some units/buildings that are lead-safe. Lead-safe certification is in accordance with [Ohio Administrative Code, 3701-81](#).

Searching for Lead-Safe Housing as easy as 1-2-3!

Step 1: Click on the "Find Lead-Safe Housing" box above.

Step 2: Type a city, county, or ZIP Code into the "Find your new home" bar and click the magnifying glass -OR- choose an area to search from the list of counties and cities.

Step 3: Sort through results or further refine the search as needed.

Search Tips: Do you see housing listings? If you see housing listings, there are 30 or fewer listings in the area you are searching.

Ohio Lead Safe Housing Fund (LSHF)

- General Revenue Fund (GRF) and American Rescue Plan Act (ARPA) funding for local high-risk communities.
- Funding dedicated to childhood lead poisoning prevention activities in high-risk zip codes.
- Fifteen local subrecipients were selected in a competitive bid process. Working on 16 total projects.
- Contracts awarded in November 2023.

LSHF Subrecipients

- Cincinnati Health Department.
- Cleveland Department of Public Health.
- Columbus Department of Development.
- City of Toledo.
- Clark County Combined Health District.
- Corporation for Ohio Appalachian Development.
- Erie County Health Department.
- Franklin County Health Department.
- Hamilton County General Health District.
- Historic South Initiative (2 awards).
- Maumee Valley Habitat for Humanity.
- Metro Health Systems.
- Ohio Healthy Homes Network.
- People Working Cooperatively.
- West Ohio Community Action Partnership.

Examples of LSHF Projects



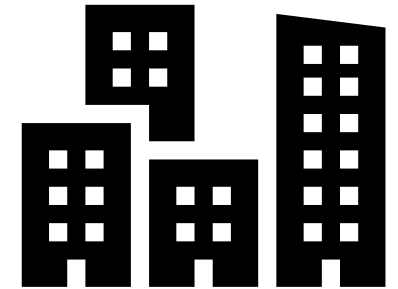
Lead poisoning prevention marketing, education/outreach, physician education.



Workforce Development at the community level.



Collaboration, partnership, coalition building.



Coordinating ODH funds with local housing grants (HUD, CDBG).

House Bill 45 – Coronavirus State and Local Recovery Funds

- Also known as American Rescue Plan Act (ARPA) funding.
- \$150 million allocated to the Ohio Department of Development (ODOD).
- \$20 million set aside for ODH.
- Funds to support:
 - Lead-safe building certification.
 - Screening and testing for lead poisoning.
 - Education and community engagement.
 - Early intervention for children and families impacted by lead.

ODH ARPA Funding

- Funding must be encumbered by September 30, 2024.
- Collaboration with ODOD and Office of Budget and Management.
- \$17 million of \$20 million encumbered as of March 31, 2024.

ODH ARPA Funding Examples

- Examples of funded projects include:
 - Local lead renovation projects.
 - Distribution of cleaning kits and High Efficiency Particulate Air (HEPA) vacuums.
 - Statewide marketing campaign.
 - Statewide distribution of storyboard books.
 - Health equity projects.





Billboards

**Protect your kids
from lead paint.**

VISIT [ODH.OHIO.GOV/LEAD](https://odh.ohio.gov/lead)



Social Media

ODH_LEAD_SOCIAL_- IMAGE 1

Ohio Department of Health
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Protect your child from lead poisoning. Schedule a checkup to get your child tested for lead.



Get your child tested for lead.

Ohio | Department of Health

ODH.OHIO.GOV
Ask their doctor to test for lead
Test for lead in kids

Learn more

ODH_LEAD_SOCIAL- IMAGE 2

Ohio Department of Health
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Protect your child from lead poisoning. Schedule a checkup to get your child tested for lead.



Ask your child's doctor about lead testing.

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Ask their doctor to test for lead
Test for lead in kids

Learn more

VIDEO

Ohio Department of Health
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Protect your child from lead poisoning. Schedule a checkup to get your child tested for lead.



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Learn more

Campaign Delivery – Fall 2023



Solution	Start Date	End Date	Budget	Estimated Impressions	Impressions Delivered	Impressions Overdelivered
Facebook	10/11/2023	12/23/2023	\$70,000.00	4,666,667	11,986,514	7,319,847
Instagram	10/11/2023	12/23/2023	\$60,000.00	4,000,000	8,047,127	4,047,127
X	10/11/2023	12/23/2023	\$30,000.00	1,304,348	2,297,658	993,310
OTT	10/10/2023	12/24/2023	\$100,000.00	2,324,000	2,373,254	49,254
YouTube	10/10/2023	12/24/2023	\$45,000.00	831,522	1,227,012	395,490
Radio	10/16/2023	12/17/2023	\$50,092.00	1,565,700	1,565,700	-
Billboards	11/6/2023	12/10/2023	\$83,000.00	33,863,748	33,863,748	-
Transit	10/21/2023	12/24/2023	\$45,000.00	19,123,634	19,123,634	-
GRAND TOTAL			\$483,092	67,679,619	80,484,647	12,805,028

New Hampshire Department of Health and Human Services

Offered in **eight**
languages.





SCAN ME
for more resources!

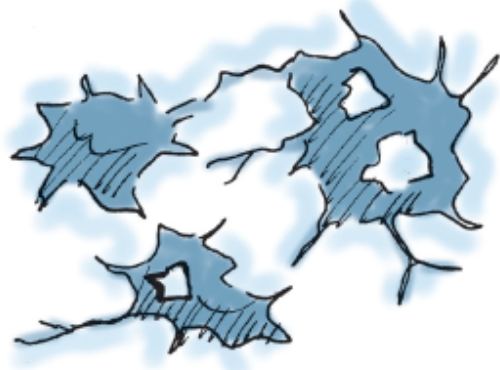


Thanks for Keeping Me Lead-Free

By Nicholas Newman, DO, MS, FAAP,
Roopa Thakur, MD, FAAP and Alexandra Miller, MPH
Illustrated by Jenny Campbell



Look at
lead-free me!



When we moved, our home
was checked for lead.
We covered chipping paint so that
it couldn't shed.

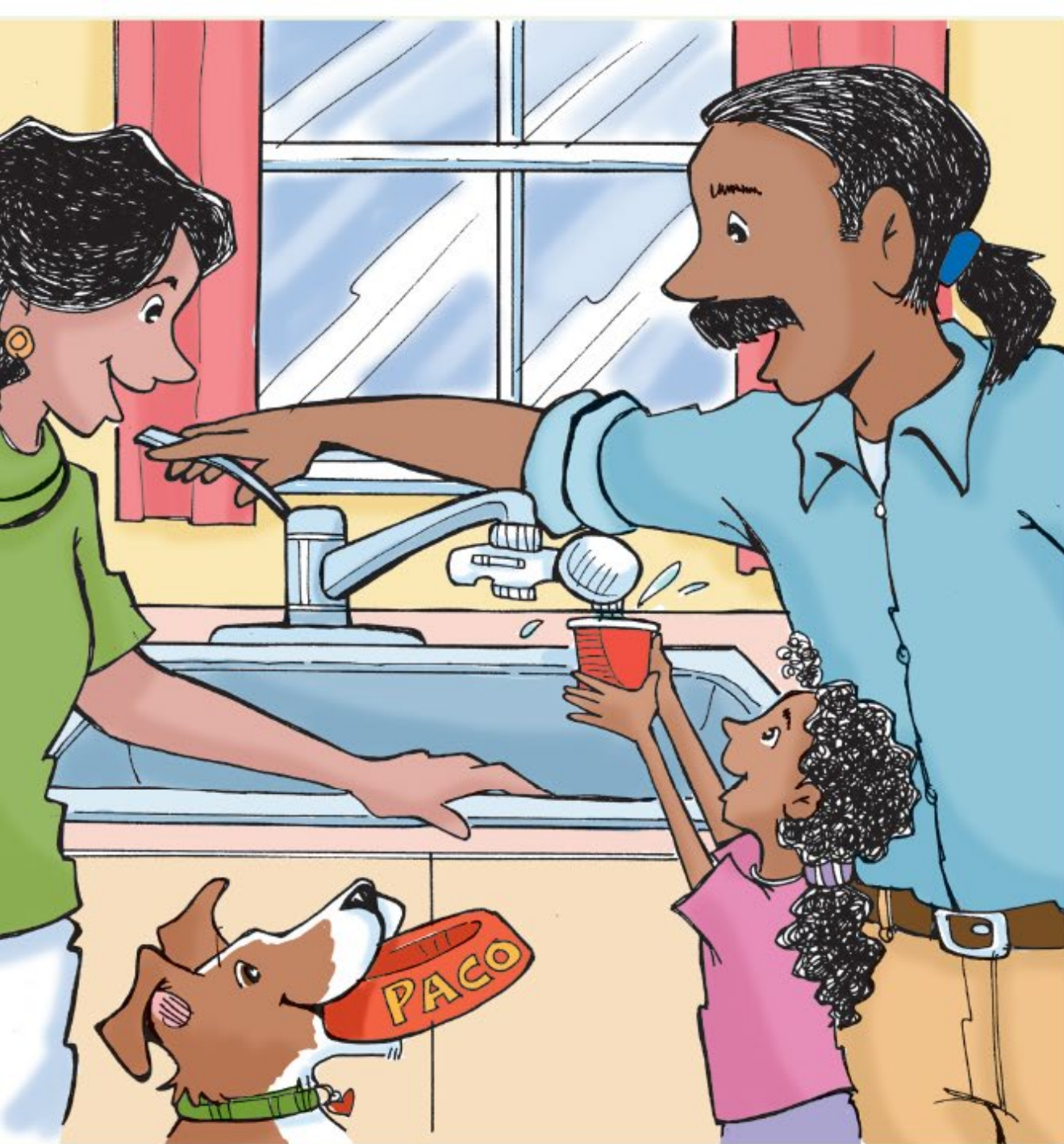


Look at
lead-free me!



After work, my dad changes clothes
and takes a shower.
Then he hugs me and plays for an hour.





Look at
lead-free me!



My parents put a filter on the kitchen sink.
That cleans the water before we eat or drink

Look at lead-free me!



We find lead-free products
at the grocery store.
This includes spices, makeup, and more!





Look at
lead-free me!



We use only lead-free pans and pots.
This helps my development a lot.



Look at
lead-free me!



Mom's always mopping and
putting the shoes away.
That keeps the lead from outside at bay.

Look at lead-free me!

When I go to the doctor, I get poked.
That's the only way lead poisoning
is diagnosed.



Do's & Don'ts

Do's

- moving in.
2. If you might be exposed at work, change clothes and clean up before going home (including underwear, hats, and cell phones).
3. Put a water filter on the kitchen faucet to keep the water you drink and cook with lead-free!
4. Use only lead-free cultural powders, spices and seasonings.
5. Use only lead-free cooking pots & pans, including aluminum pans.
6. Cover any areas of chipping/peeling paint immediately and fix them ASAP.
7. Clean the horizontal surfaces in your home with a damp mop at least 1x/week.
8. Leave your shoes at the door.
9. Keep bare soil in the yard covered with mulch or grass and grow vegetables in a raised bed more than 10 feet from your home.

Don'ts

2. Don't let your child put paint chips or dust in their mouth.
3. Don't grow vegetables in the ground near pre-1978 housing.
4. Don't assume that cultural powders, spices, and seasonings are lead-free.
5. Don't wear shoes from outside into your home.



The Ohio Chapter of the American Academy of Pediatrics promotes the health, safety and well-being of children and

QUESTIONS?

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