



**CLEAR
Corps**

Creating Healthy Homes for Children and Families

WAYNE STATE UNIVERSITY



CENTER FOR URBAN STUDIES

Lead Safe Blocks Project

A Primary Prevention Model

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The Objective: Primary Prevention in 48206



The 48206 Lead Safe Blocks Project further tested a model to address lead-based paint hazards before children become lead-poisoned.

48206 -- A Primary Prevention Model

- 1. The Challenge**
- 2. Outreach** throughout 48206 (WSU)
- 3. Case Management** of all qualified households
 - EBL CM - CLEARCorps (CCD)
 - Primary Prevention CM – Center for Urban Studies at WSU
- 4. Relocation** as appropriate and desired (Relocation Intervention Model, CCD)

The Challenge – Lead in Housing

48206 -- Zip with the highest percent of children with EBLLs in 2016

- 301 EBLLs in 2016 (22%) - MDHHS
- 116 EBLLs in 2017 (19.2%) - MDHHS
- 145 EBLLs in 2018 (23%) - MDHHS
 - Many of these were multiple EBLLS



The Challenge --why ZIP 48206?

Primary Contributing Factors

- 94.4% of all housing stock was built before 1980
- 52.4% of structures are rental properties
- 7.4% of the population is under the age of 5 (under 6 not available)
- Contribution of lead-contaminated house dust, deteriorating lead paint, or disturbed lead paint from demolitions give rise to lead poisoning in children.



Three children with EBL's in the household unit

Outreach

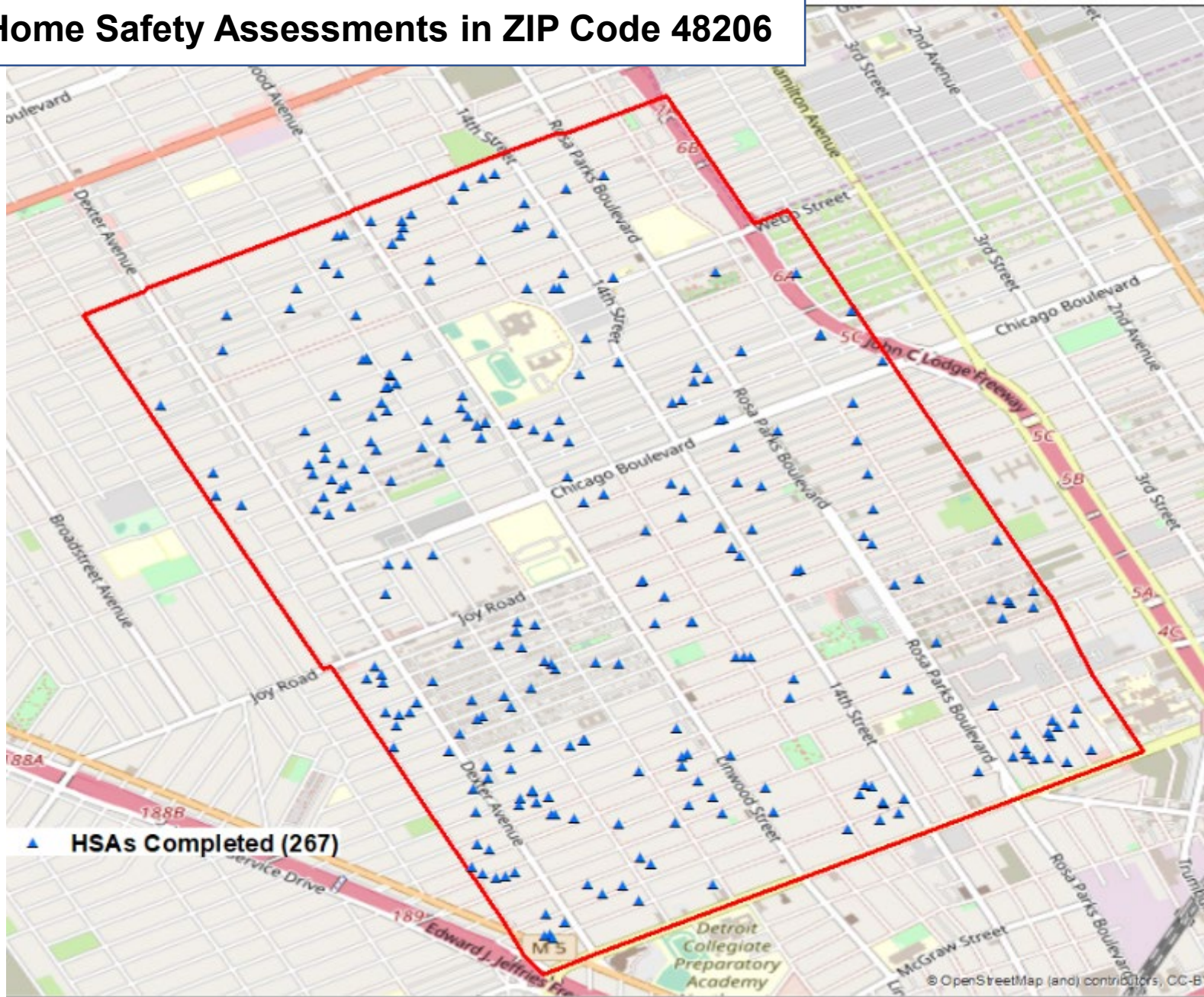
- Inventory* of housing. Through our knocking and visits of households the Center has identified the housing types and unit dispositions.
- Doors were knocked to offer residents a Home Safety Assessment (HSA)
- The HSA consisted of an observation of the home, an interview with a resident, safety assessment, safety product installation, safety and lead education information, and four instant lead swabs to assess the presence of lead in the home for household that qualified.
- Requirements to qualify:
 - Pregnant women
 - children under 6

* CUS used the County Assessor Parcel Data to define Housing Type so individual units are defined by lots that tracked by assessor for ownership and taxation purposes



Larger map is 5% of whole area

Home Safety Assessments in ZIP Code 48206

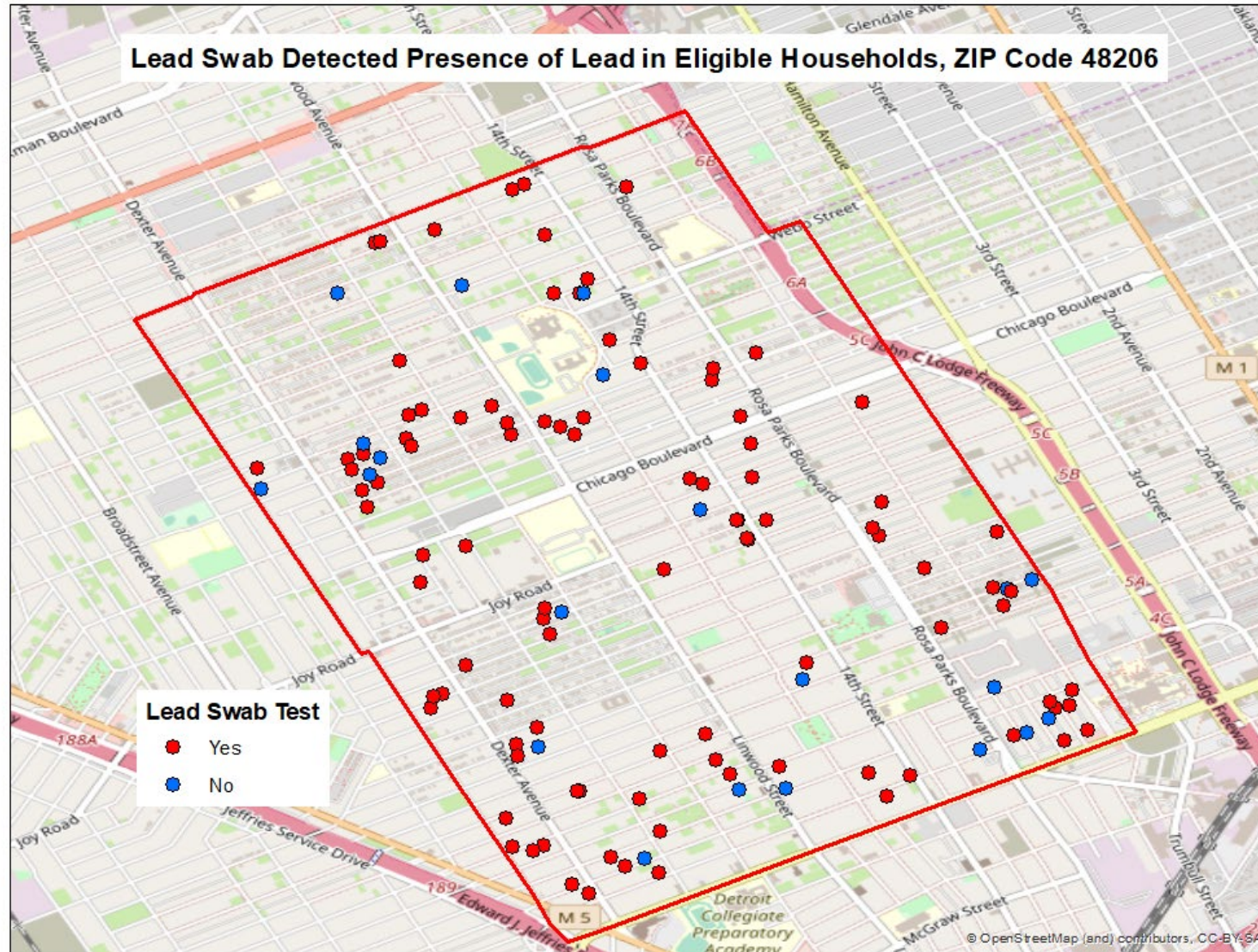


Lead Safe Blocks: 48206 Project

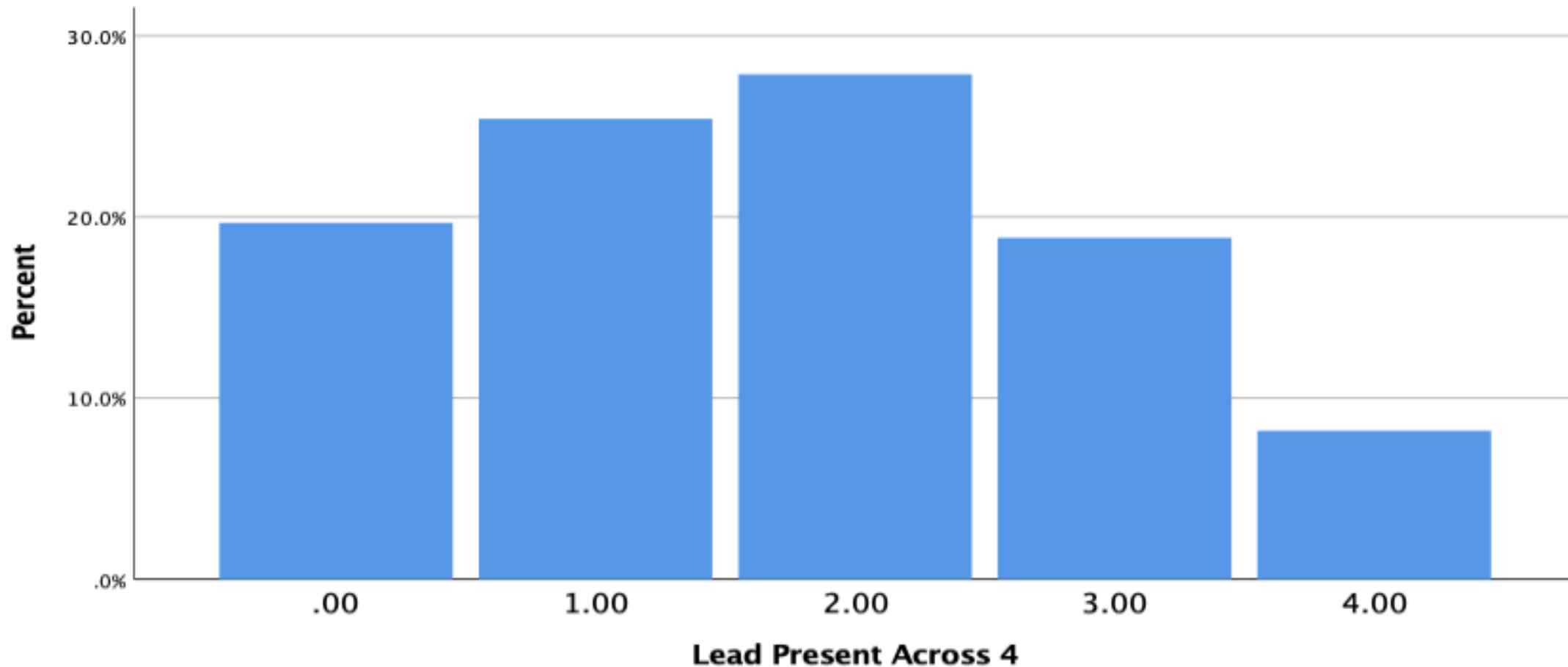
Home Safety Assessments: Safety Product Installation

Item	Number Distributed
Alarms	
Door Wedge Alarm	39
2 Pack Window/Door Alarms	150
Security Bar	1
Basic Security Items	
Deadbolt Installed	131
Pack of Light Bulbs	187
Door Viewer	2
Car Club	21
Fire Safety Equipment	
Carbon Monoxide Detector	234
Smoke Alarms	248
Fire Extinguisher	23

Lead Swab Detected Presence of Lead in Eligible Households, ZIP Code 48206



Percent of Cases Where Lead Swab Was Positive
80.3 Percent Had at Least One Positive Swab

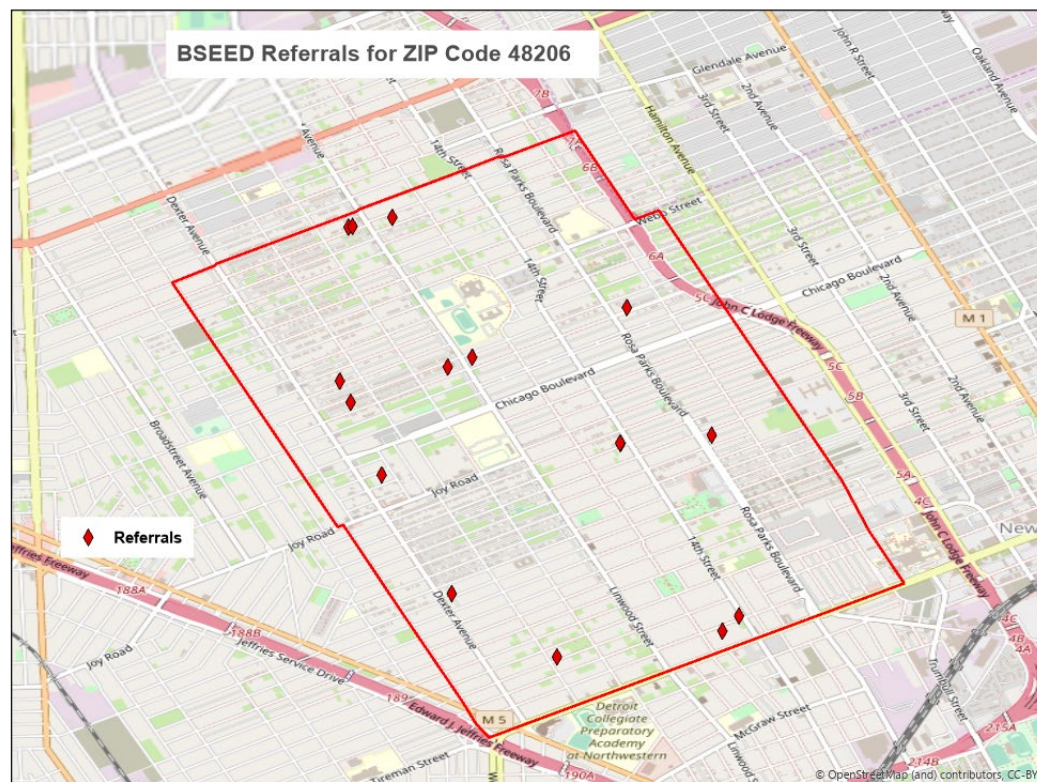


Based on the 122 cases where lead swabs were used.

Additional Outreach Activities – Code Enforcement

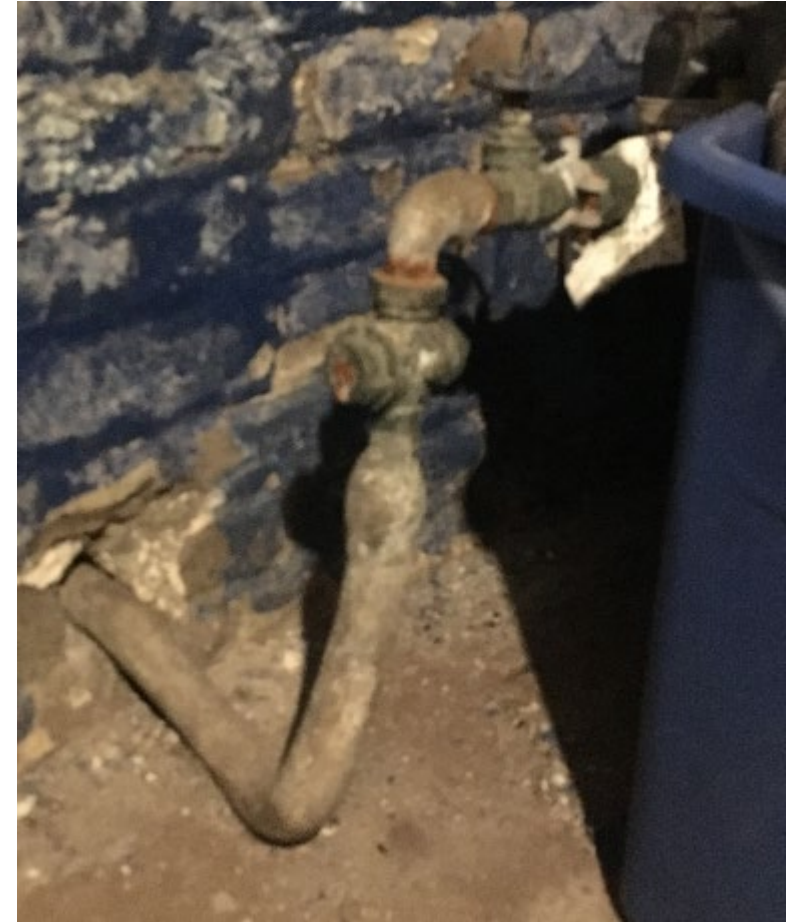


The Center has referred 16 cases to CLEARCorps for BSEED **Code Enforcement** of rental properties where lead has been identified in the household unit. Clearcorps referred three of these cases to Terry Martin



Additional Outreach Activities – Lead Service Line (LSL) Referrals

- Detroit Water & Sewerage Department has grant funds to replace lead service lines. In total, The Center has completed application and referral process 68 households for Lead Service Line Replacement.
- Clear Corps has completed 16 LSL Replacement Referrals made to DWSD



48206 Lead Service Line

Additional Outreach Activities – 48206

Demolitions Notifications

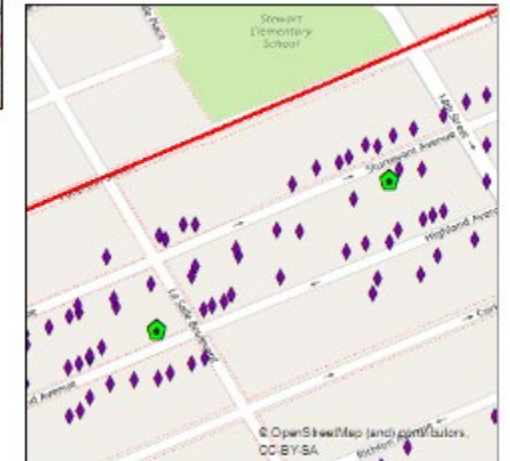
# of Demolitions	40
# of households that fell into the .5 mile proximity to the unit to be demolished	1847*
# of households that residents answered the door	98
# of households with Children Under 6	16
# of households with a Pregnant Women	1
# of Residents who Received Education Only	53**
# of Residents who Declined Cleaning Kits	11
# of Residents who Received Cleaning Kits and Education	5

*There are duplicate notification addresses because a household may fall into the .5 proximity to the demolition unit more than once.

** All household units that that did not answer the door still received lead education leaflet materials



● Demolitions (40)
◆ Notifications (1,842)



Additional Outreach Activities – Cleaning Kits

The Center has provided 73 Cleaning kits through case management and demolition notifications

- 68 during case managements
- 5 during demo notifications



Case Management

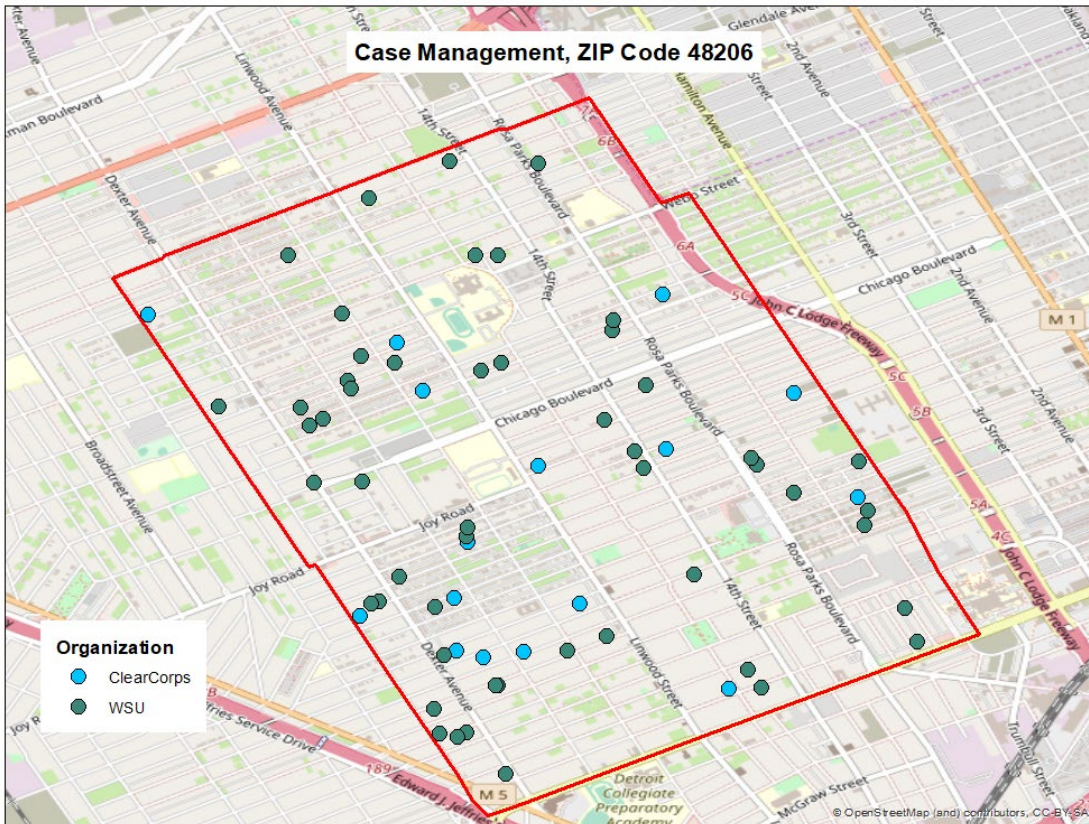
Case Management Meetings

- To educate the family and offer to help to sign the family up for abatement, CLEARCorps met with 39 households (for a child with an EBLL), while Center staff met 68 families where lead was identified. One-on-one meetings included:
 - Lead Poisoning Prevention Education
 - Healthy Homes Resources
 - Information and application assistance for Lead Safe Home Program
 - Lead-Specific Cleaning Kit



There were 50 children with an elevated lead levels within the 39 household units

Lead Safe Blocks: 48206 Project Case Management



LSB staff have met with 107 families. Of these **68 families** were referred to State for Lead Abatement. This included completing the lead abatement application. Many were also provided with lead education and cleaning kits.

52 cases were submitted by WSU (mostly Primary Prevention)

- Application was approved by LSHP* = 2 approved (16 denied or closed)
- Application was referred to CDU**/HRD*** = 34 referred
- 16 cases were submitted by ClearCorps Detroit (Mostly EBLLs)
 - Application was approved by LSHP = 6 approved (4 denied or closed)
 - Application was referred to CDU/HRD = 6 referred

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*LSHP- MDHHS Lead Safe Home Program

**CDU- MDHHS Community Development

***HRD- Housing Revitalization Department, Detroit

Relocation

The Need for Healthy Homes Relocation

- Lead Abatement Programs are not able to complete needed abatements.
- Rental Property Owners are often unresponsive to lead laws and enforcement.
- Low-Income rents do not cover needed repairs.
- Tenants unable to move financially
- Tenants do not believe next house will be any better.



Section 8 Rental with five children with EBL's in the household unit

Relocation Intervention Process

1. Intensive Case Management
 - i. Pull Rental History Report
2. Identify Healthy Rental Units
3. Assistance with Application
4. Navigating Rental Search
5. Funding to cover move –
First Month's Rent + Security
Deposit.



Relocation Intervention Model

Minimum qualifying Healthy Home Standards

- No exposed exterior paint (e.g. wrapped trim)
- All replacement windows and doors
- All interior paint must be intact
- No visible dust or debris
- Not adjacent to vacant house
- All systems intact (heat, water, roof)
- Not in foreclosure



Relocation

- CLEARCorps relocated 12 families across 48214 and 48206 covering 24 EBLLs
- In 48206 CLEARCorps relocated 3 families
- Barriers include:
 - Affordable income
 - Prior evictions
 - Criminal Convictions
 - First month's rent (CLEARCorps)
 - Security deposit (CLEARCorps)
- Average Cost per relocation is **\$4,000 (with cash assistance averaging \$1,700. Program cap is \$2,000.)**

Thank you.

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