

Best Practices for Primary Prevention

Experiences and Results from 10 Years
of the NYSDOH Childhood Lead Poisoning
Primary Prevention Program

Session Goals

- Reflect upon the purpose and outcomes of the NYSDOH CLPPPP
- Share lessons learned and highlight program priorities
- Discuss innovative best practices from a range of county-level landscapes and translate CLPPP experiences for application to other local settings



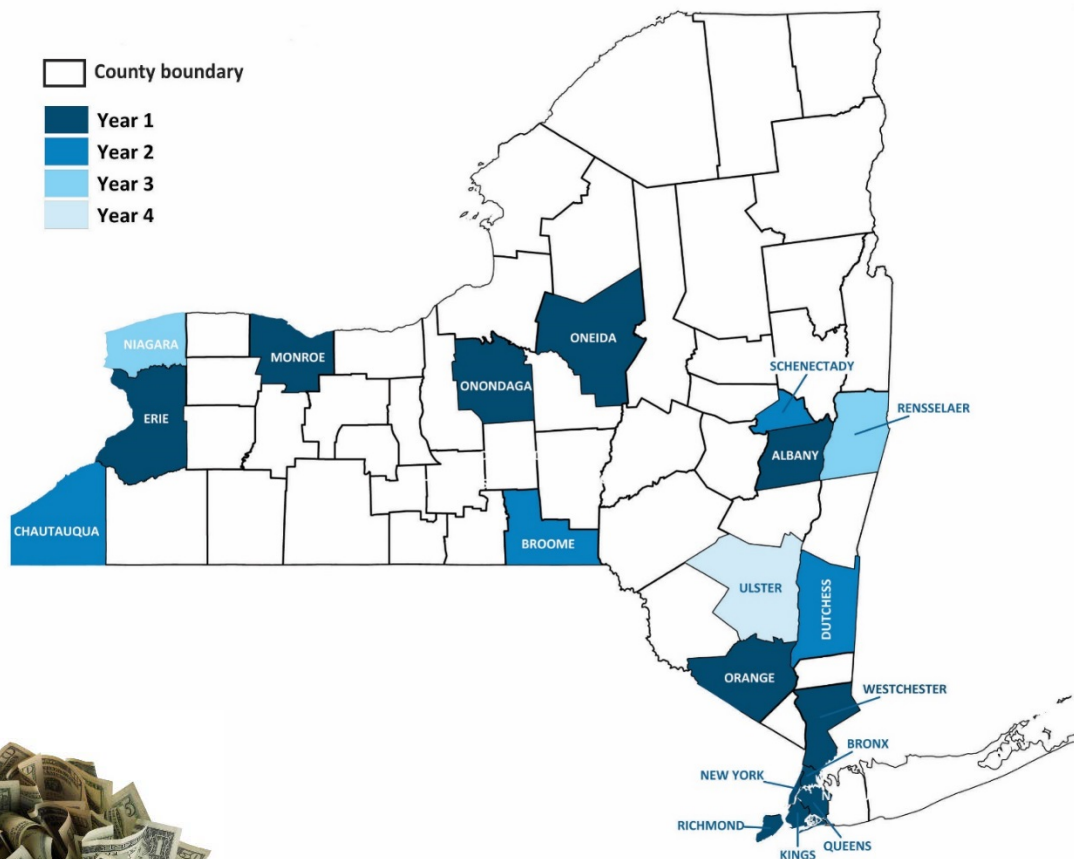
NYSDOH CLPPPP

Background & History

- **Program inception:**
2007
- **Funding range:**
\$3 – \$8.7 million
- **Program goal:**
Use proactive prevention approaches
- **Grantee selection:**
Incident cases of childhood lead poisoning at the municipality and ZIP code level

NYSDOH CLPPPP Funding History

15 counties



\$70.16 million
(2007-2017)


Intervention Methods



Target

Pre-1940, multi-family, child-occupied, rental

Assess



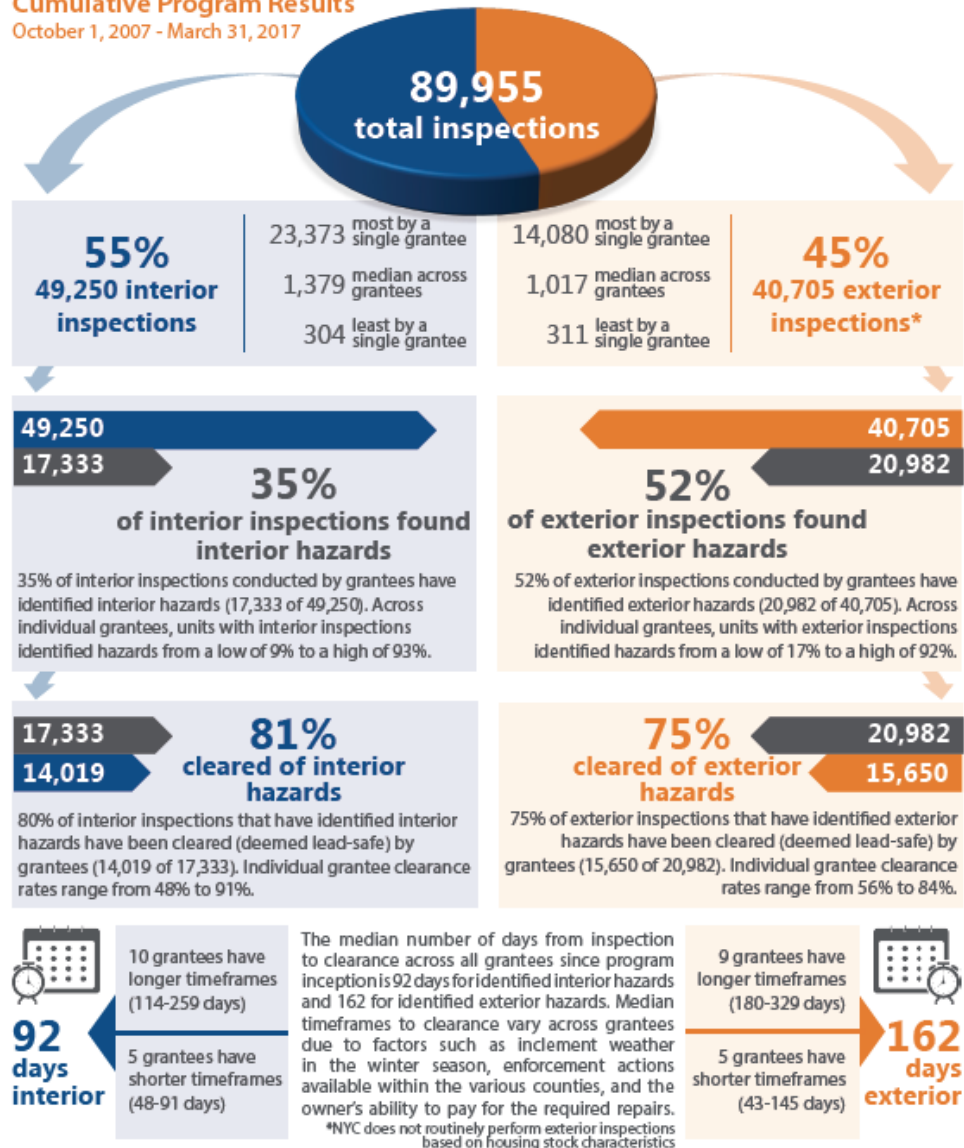
Visual, XRF, soil, dust



Enforce

Notify, enforce, clear

Cumulative Program Results
October 1, 2007 - March 31, 2017



**National Center for
HEALTHY HOUSING**

DRAFT

**New York State
Childhood Lead Poisoning Primary Prevention
Year 10 Summary (October 1, 2007 - March 31, 2017)**

Introduction

Childhood lead poisoning remains a significant public health problem in the United States (NYS), which consistently ranks high on key risk factors associated with lead poisoning: young children living in poverty, a large immigrant population, and an older, deteriorating housing stock. This document summarizes the progress of 15 NYS jurisdictions in implementing the Childhood Lead Poisoning Primary Prevention Program from its inception in 2007 through the end of the Year 10 period. Annual reports for the program are available at www.nchh.org/Program/NewYork.

Background

In 2007, the NYS legislature passed, and the governor signed into law, a program to reduce childhood lead poisoning by increasing the number of inspections and the number of jurisdictions participating in the program.

**National Center for
HEALTHY HOUSING**

Between 2007 and March 2017:

- Conducted almost **90,000 inspections** in almost **47,000 unique homes** in over **35,000 unique buildings**
- Impacted over **15,000 children** by clearing identified interior hazards
- Deemed over **14,000 interior units** lead-safe
- Emerged as a national leader with state investment in primary prevention
- Fostered model practices/innovations in many counties



	New York State	Broome	Erie	Monroe	New York City	Onondaga
Childhood lead poisoning ≥ 10 $\mu\text{g/dL}$						
Incidence rate	5.1	14.8	24.6	11.3	2.2	14.7
Prevalence rate	0.91	1.0	1.0	0.1	2.9	0.6
Children tested twice before age 36 months	56%	41%	45%	44%	67%	41%
Housing						
Housing built pre-1950	41%	34%	41%	32%	51%	31%
Rental housing	46%	35%	35%	36%	68%	35%
Pre-1979 renter occupied housing	81%	82% (87%)	83% (92%)	75% (88%)	85% (86%)	77% (90%)
Demographics						
Children under 5 years of age	6.0%	5.1%	5.4%	5.4%	6.6%	6.0%
Children under age 5 living in poverty	24%	30%	27%	26%	28%	27%

ERIE COUNTY CLPPPP



Thomas Muscarella
ECDOH Environmental Health
Non-Permitted/Grant Director

Sanitary Code Revision

2011

Language added to allow for the **presumption of conditions conducive to lead poisoning** in pre-1978 housing.

Allows EC Sanitarian to **visually assess for deteriorated paint and cite owners** to correct using lead-safe work practices.



EPA Renovating, Repair, and Painting Rule (RRP)

2011 ECDOH certified to be a **trainer for RRP**.

- Focus on certifying renovators that are under notice for conditions conducive to lead poisoning
- Train partners – for example, code enforcement officials – in RRP.



215 RRP classes completed
with over 1800 certifications issued



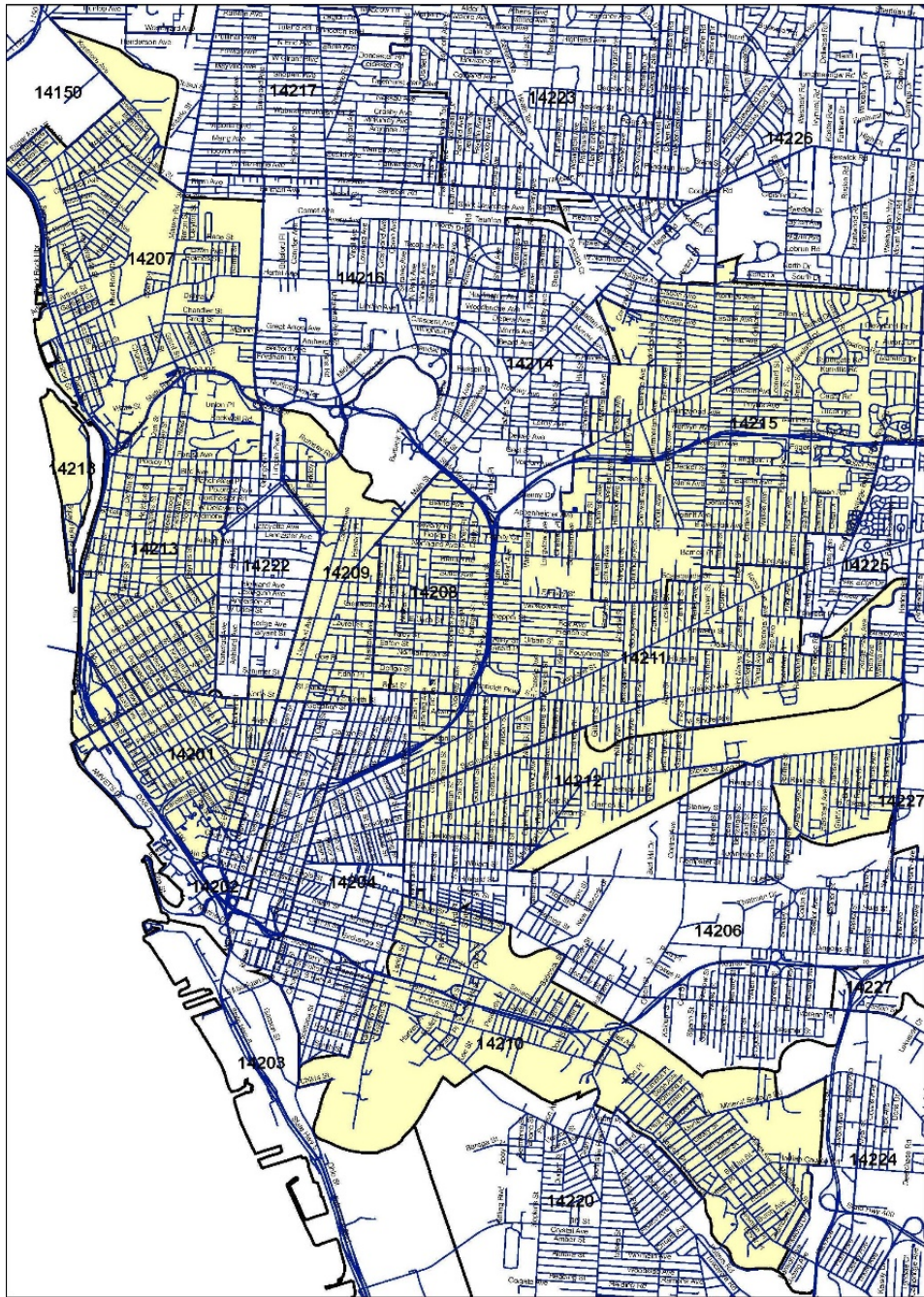
Unit Production

High-Risk Area Designations –
Block groups within target
area of high-risk ZIPcodes

Internal Referrals from case
management of BLL's 5-9
 $\mu\text{g/dL}$

Housing Agencies – Buffalo
Code Enforcement, Section 8

Community Partner and
Client Self-Referrals





Enforcement

City of Buffalo Housing Court

- Unique relationship
- Arrangement between Erie County and City of Buffalo
- All lead poisoning enforcements from the City of Buffalo are seen in this court

1110 properties
referred for legal action



844 subsequently cleared of
hazards (76%)

The First 10 Years



8,179 Inspections/Assessments

- 6,822 via XRF, exterior only
- 2,976 with interior/interior visual
- 5,791 units under notice
- 5,090 units corrected (88%)
- Over **2,600 children under 6 years old protected**



BROOME COUNTY CLPPPP

Barbara West



• Broome County



Typical Housing Units

How Are We Different?

Performance Management

- Policies and procedures
- Training
- Scripts
- Standardized forms and letters
- Tracking forms and checklists
- Data tracking systems
- Property reviews with assigned staff
- Bimonthly team meetings
- Scheduled inspector pairings (with follow-up conversations)
- Use of quarterly reports as opportunity to review work plan objectives
- Program evaluations



How Else Are We Different?

**Production (Property
unit follow-up)**

**Extensive staff field
work and
rigorous program
requirements**

- Inspections followed by Notice and Demand
- Work plan meetings with property owners and/or contractors
- Plan to Remediate
 - Must be signed by owner and contractor
 - Must have proof of RRP training
 - Require stripping, replacement, or enclosure of friction/impact and mouthable surfaces
- Strip inspections required of **all** stripped surfaces
- Spot checks for lead work safety
- Visual and dust clearance testing



Window Interventions

Friction/impact or mouthable surfaces





SAVE THE DATE!

**A housing summit sponsored by the
Broome County Health Department**



HEALTH STARTS
AT HOME

Improving lead safety in housing, one home at a time



**ONONDAGA COUNTY
CLPPPP**

The Three “P”s of Primary Prevention



**Debra Lewis, LMSW
Lead Program Coordinator**



Implementing the Three “P”s: Start with the CLPPPP Goals

Identify housing at greatest risk of lead-based paint hazards

Develop partnerships and community engagement to promote primary prevention

Build LSWP **workforce capacity**

Promote **interventions to create lead-safe housing** units

Identify community resources for lead hazard control



Recipe:

The Three “P”s Recipe for Success:

Partners and Performance Evaluation



Partners, Partners, Everywhere!



Recipe:

The Three “P”s Recipe for Success:

Partners and Performance Evaluation



ONONDAGA

Partners, Partners, Everywhere!

Natural Partners

FUNDERS



Where the Smart Money Gives.



HOUSING & HEALTH PARTNERS



Unexpected Partners



Recipe:

The Three “P”s Recipe for Success:

Partners and Performance Evaluation



MONROE COUNTY CLPPPP



Paul Hunt
Lead Program Coordinator



Local Partnerships

- Monroe County Department of Public Health
- City of Rochester Code Enforcement
- Monroe County Department of Social Services
- Rochester Housing Authority
- Rochester Coalition to Prevent Lead Poisoning





Monroe County Health

Lead Poisoning Prevention Program

5% incidence
rate for EBL'S
>10 in 1993 to
1.2% in 2017

Childhood Lead Poisoning Primary Prevention Program

over 20,000
units inspected
between
partners

HUD Office of Healthy Homes and Lead Hazard Control Grants

over \$20 million
between city
and county



City of Rochester

Certificate of Occupancy for all Rental Units (C of O)

- Certificate of Occupancy (C of O) Program
- **Proactive** rental property inspection and maintenance program
- LBP hazards are now **health and safety violations**
- 4,000 units inspected per year

City of Rochester

Lead Law – 2006

- Citywide **presumption of LBP** in pre-1978 housing
- Visual inspection and lead dust wipes
- Designated “**Areas of High Risk**” per Health Department data
- Complaint Protocols

14,000 housing units
inspected per year



City of Rochester

Lead Law – 2006

AMENDED

- RRP added
- Informed targeted approach
- Exempted Housing Authority dwellings
- Limited to 5-unit structures
- Incentivized permanent controls



Monroe County DSS

Spiegel Act

Stop Rent Program

- Data share between city and county
- DSS has direct access to city inspection data
- Owners issued letter of intent to withhold rent if applicable
- Rent withholding is automatic after 90 days





Rochester Coalition to Prevent Lead Poisoning

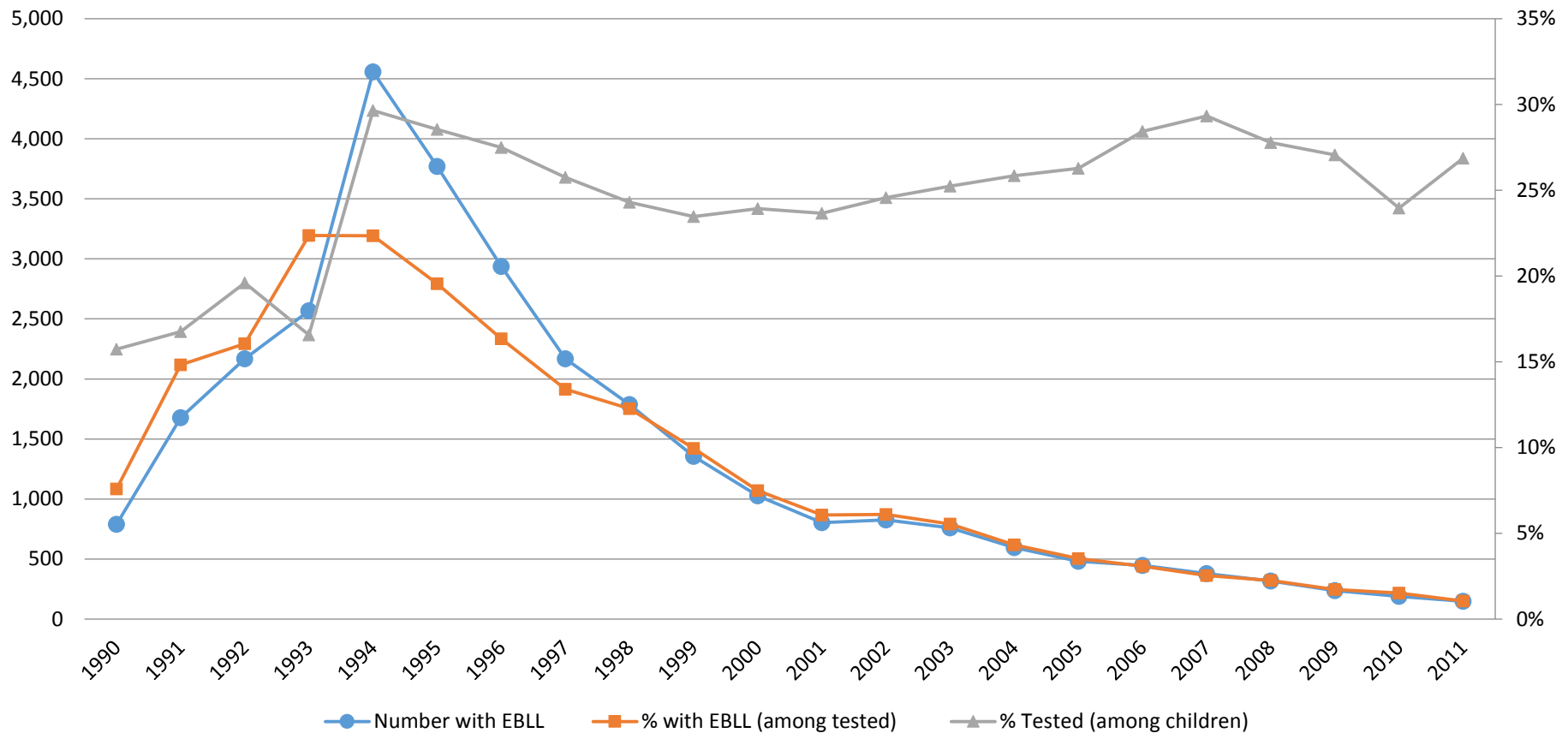
Coalition Benefits

- Political will and community support
- Strong, multisector leadership: health, housing, academic, medical
- Policy infrastructure
- Accountability
- Leveraged resources

Results



**Children < 6 Years Old with EBLI $\geq 10 \mu\text{g/dL}$
Monroe County, New York, 1990 - 2011**





NEW YORK CITY
CLPPPP

Unsafe
Renovation Practices
Campaign

Amanda Sudhu, MPH
Healthy Homes Program
NYC Department of Health and Mental Hygiene

Tenant Notification: Unsafe Renovation Work

HHP responds to complaints of unsafe work where children reside

- If dust conditions identified, inspector stops the work, orders immediate cleanup and safe work practice. Inspectors also take dust samples to test for lead
- Complaints of unsafe renovation work have doubled over three years

Tenant Notification

- Posting a *Dust Hazard Warning* sign – relatively new; triggered by concerns/calls by tenants
- Empower tenants with more information

Referrals to other agencies

- EPA – compliance with RRP rule
- Tenant Protection Taskforce – for instances of very bad/possible tenant harassment



NOTICE OF DUST HAZARDS

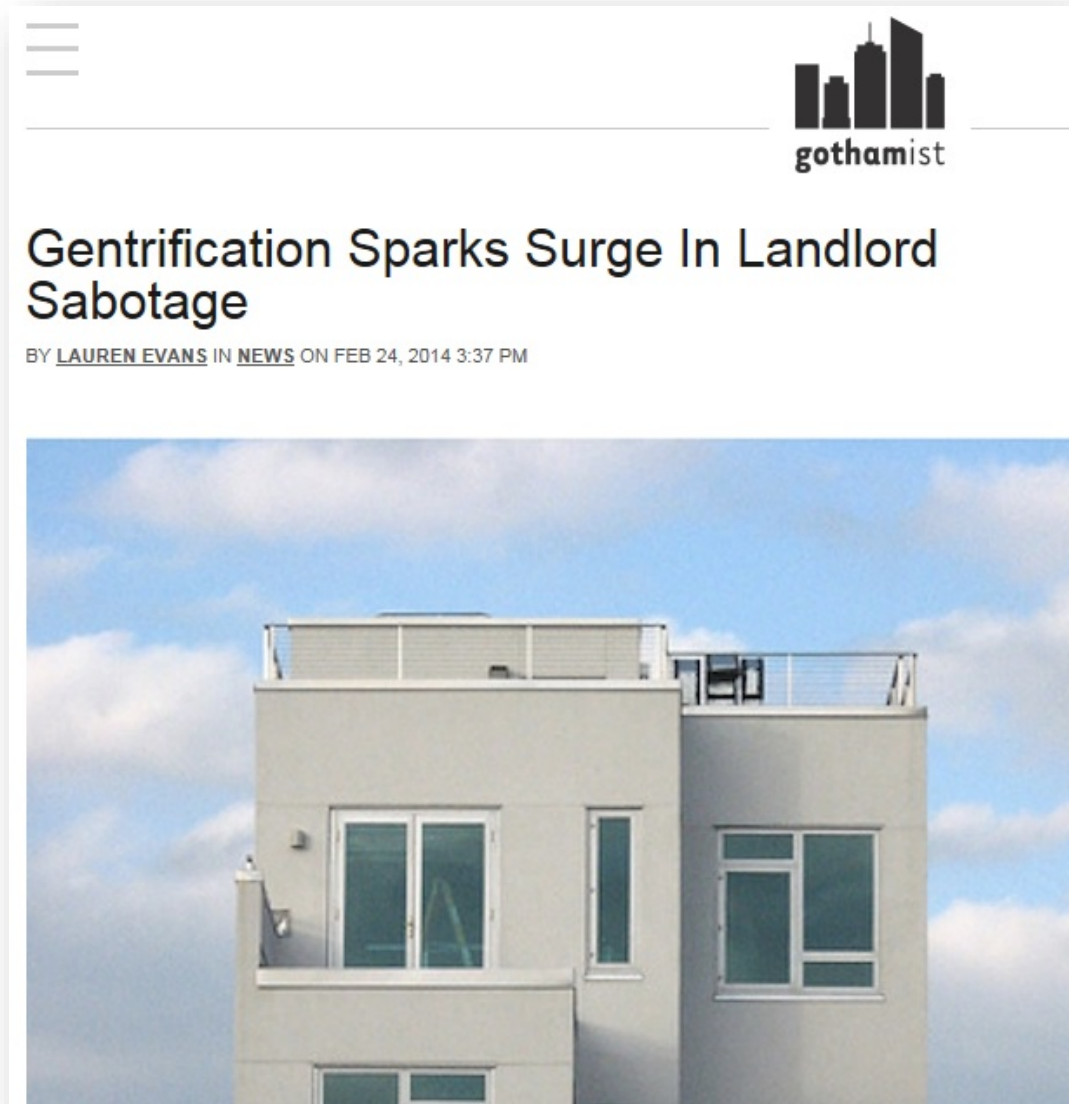
The NYC Health Department conducted an inspection at this building on _____ and observed dust caused by unsafe work. Construction dust in older buildings may contain lead which is a health hazard, especially for young children. Dust samples are being tested for lead.

Building management has been ordered to clean up dust and debris in and around the work area. When clean-up is completed, work practices to minimize dust must be used for any further work.

For more information call 646 632-6023.

Background

- “Bad actors” have **used aggressive or unsafe renovation practices to drive out rent-regulated tenants**, other building owners may simply be unaware
- Lots of **construction activity**
- We were also concerned about the **number of complaints around unsafe work being lower than expected in certain areas**; especially in areas where lead poisoning rates are higher than the citywide average





Building owners must...

Hire trained workers who use safe work practices when disturbing lead paint:

Use dust renovation methods that contain and minimize dust –

- Wet cleaning:
 - HEPA vacuum
- Containment:
 - Seal openings, cover floors and furniture





And if they don't...

Tenants have the **right to call 311** to complain about renovation being done unsafely and creating dust



Unsafe Work Ad Campaign

Targeting – We looked at neighborhoods with:

- High risk for lead poisoning
- Lots of renovation work (DOB permits)
- Lower than our average complaints (311)

We chose Stapleton, St. George in Staten Island because it ticks all the boxes we're targeting:

- lots of development, lots of old homes, high poverty and high risk for lead poisoning

...and we are hoping to see an impact



Messaging and Placement

- Lead dust from unsafe work is a health and safety threat. Keep children away.
- **Call 311 to file a complaint** if there is dust-generating or unsafe renovation work in your building
- Traditional and digital media placement:
 - Bus shelters, community spaces (e.g., check-cashing facilities)
 - Targeted ads on social media platforms (Facebook, Twitter, etc.)



Timeline

**Spring
2018**

Develop and finalize campaign design

**Summer 2018
—
Fall 2018**

Place advertisements in targeted neighborhoods
(time of year when construction activities are highest)
**Work with local community group if possible to
reinforce messages to families**

**End of
2018**

**Conduct a pre- and post-campaign evaluation to see
if we get more 311 calls for unsafe work**



Ad Campaign 1st Concept



**IS LEAD DUST
POISONING
YOUR CHILD?**

**LEAD DUST IS A SERIOUS HEALTH THREAT.
CALL 311 TO REPORT DUST FROM CONSTRUCTION.
IT'S YOUR RIGHT.**

LEARN MORE AT [NYC.GOV/LEAD](https://nyc.gov/lead).

NYC
Health

Bill de Blasio
Mayor
Mary T. Bassett, MD, MPH
Commissioner

Ad Campaign 2nd Concept



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Ad Campaign 3rd Concept



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THANK YOU

www.nchh.org ♦ [@NCHH](https://twitter.com/NCHH) ♦ facebook.com/HealthyHousing

National Center for
HEALTHY HOUSING