

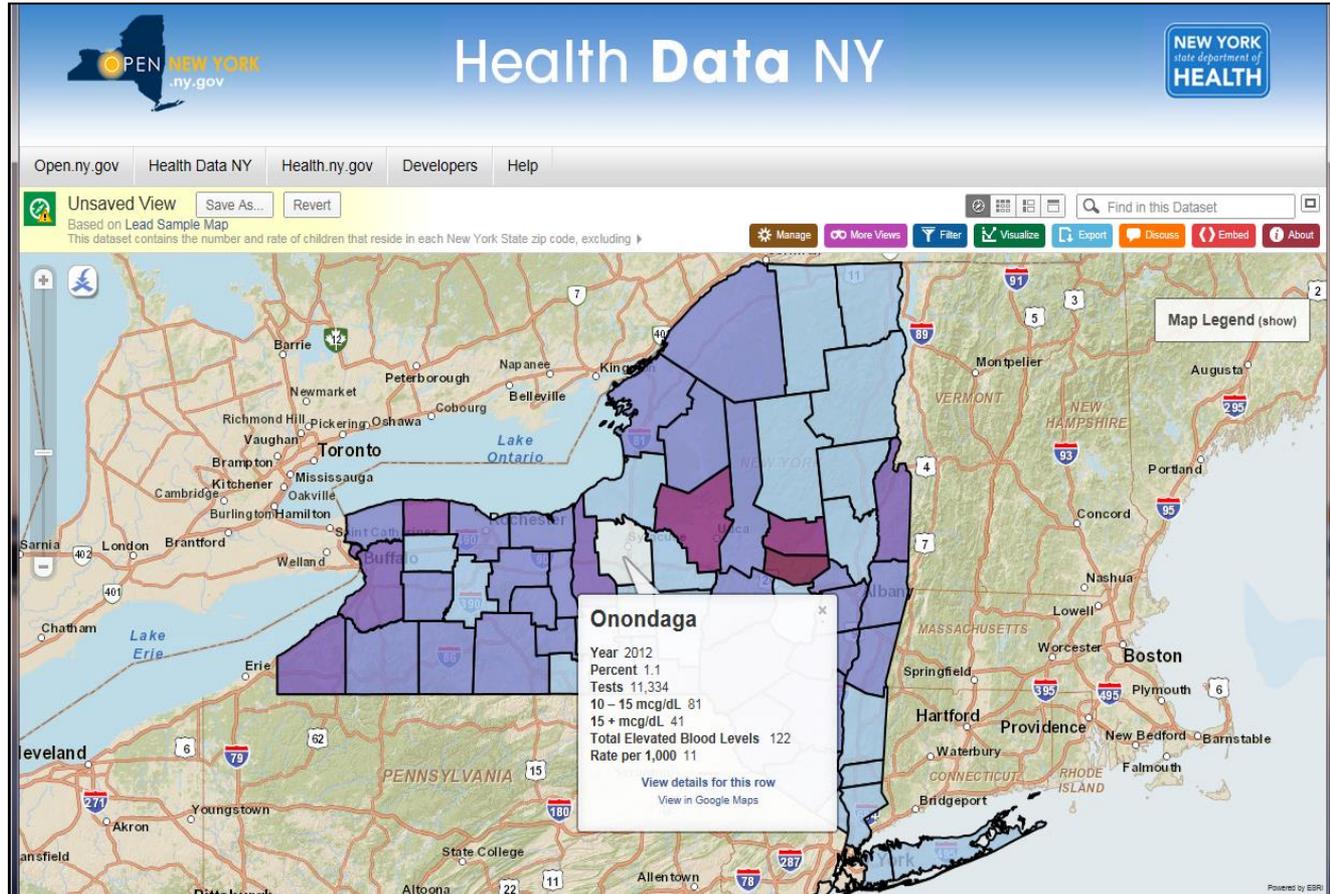


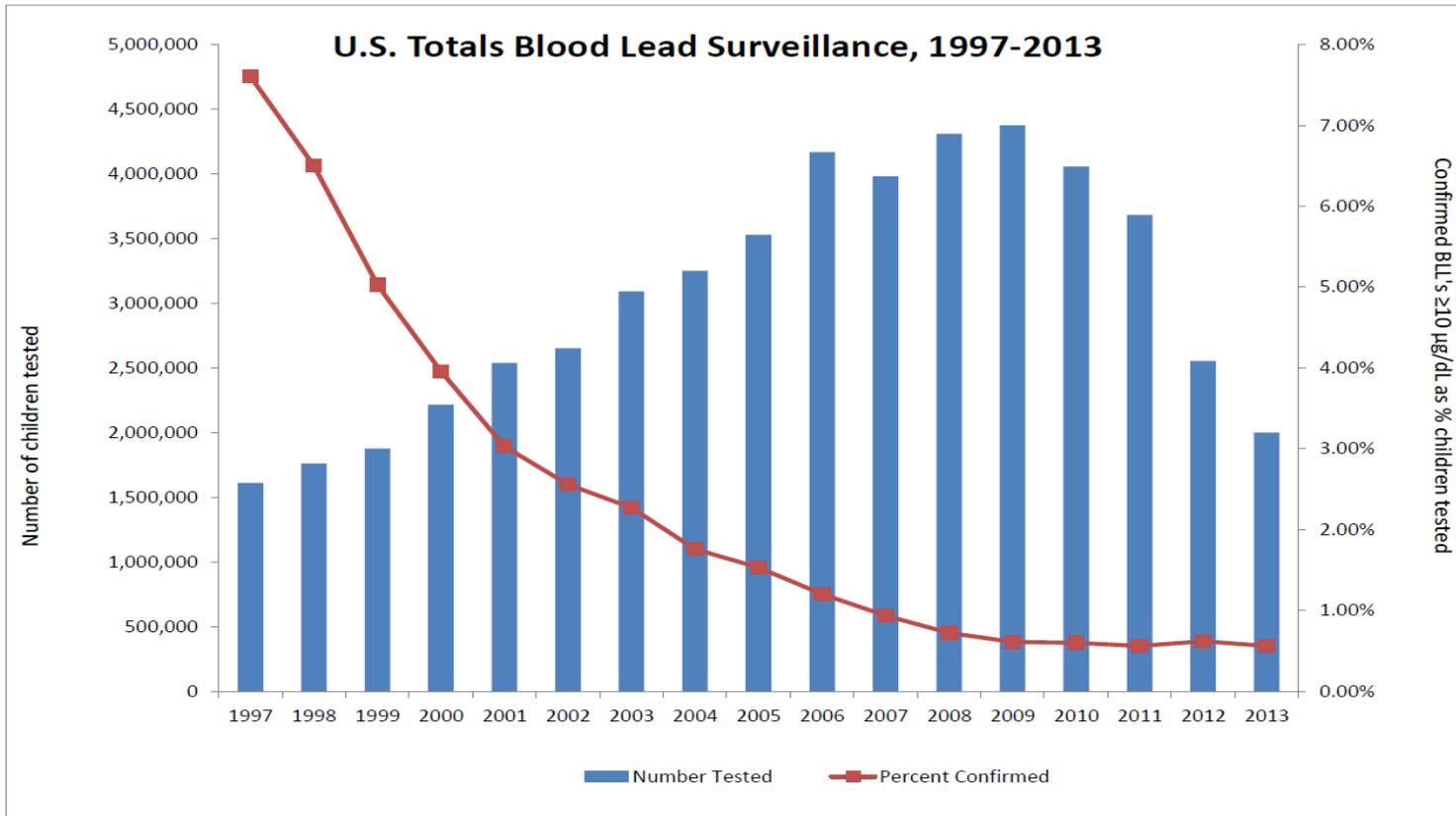
**Department  
of Health**

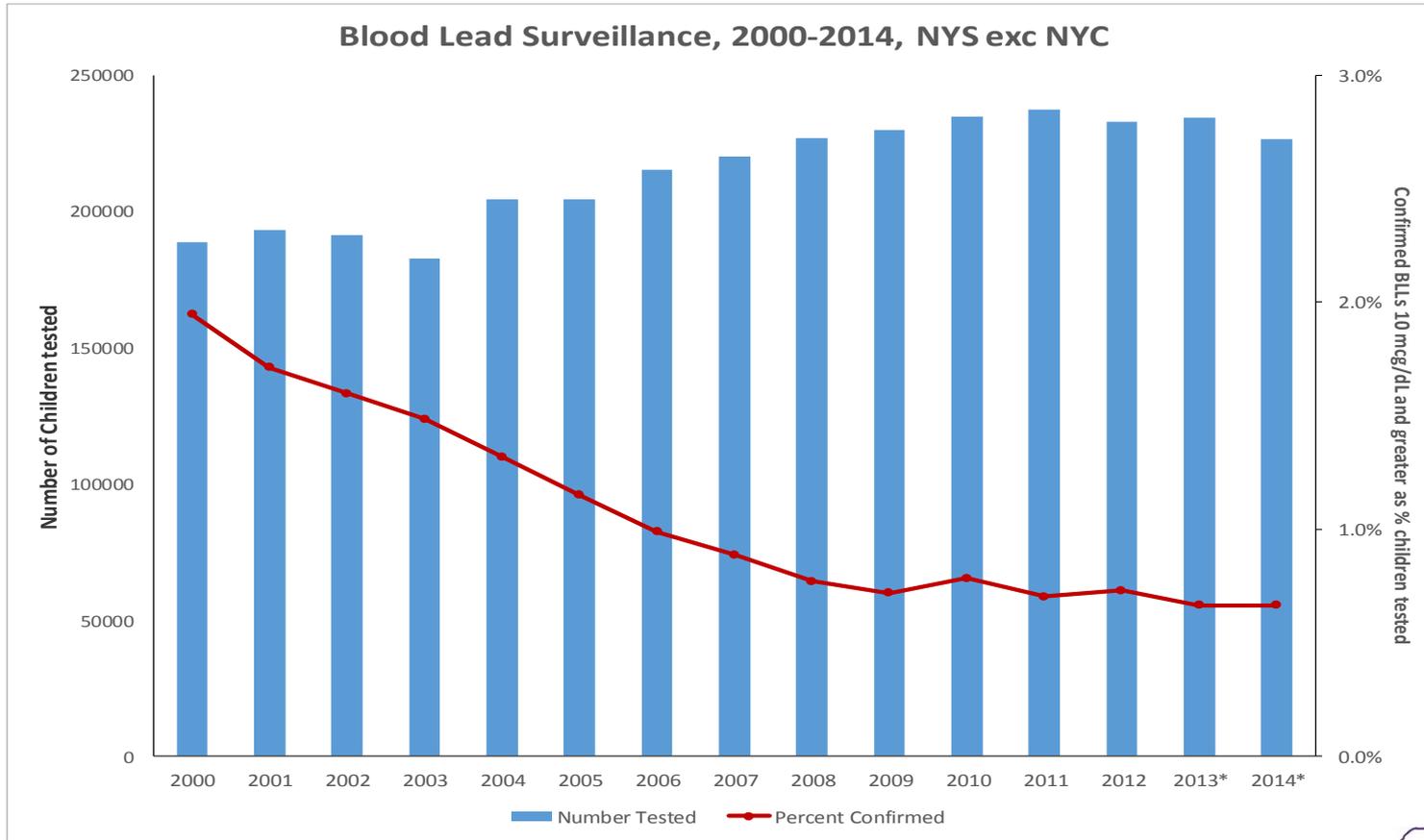
# **Healthy Homes**

**New York State Department of Health  
May 6, 2015**







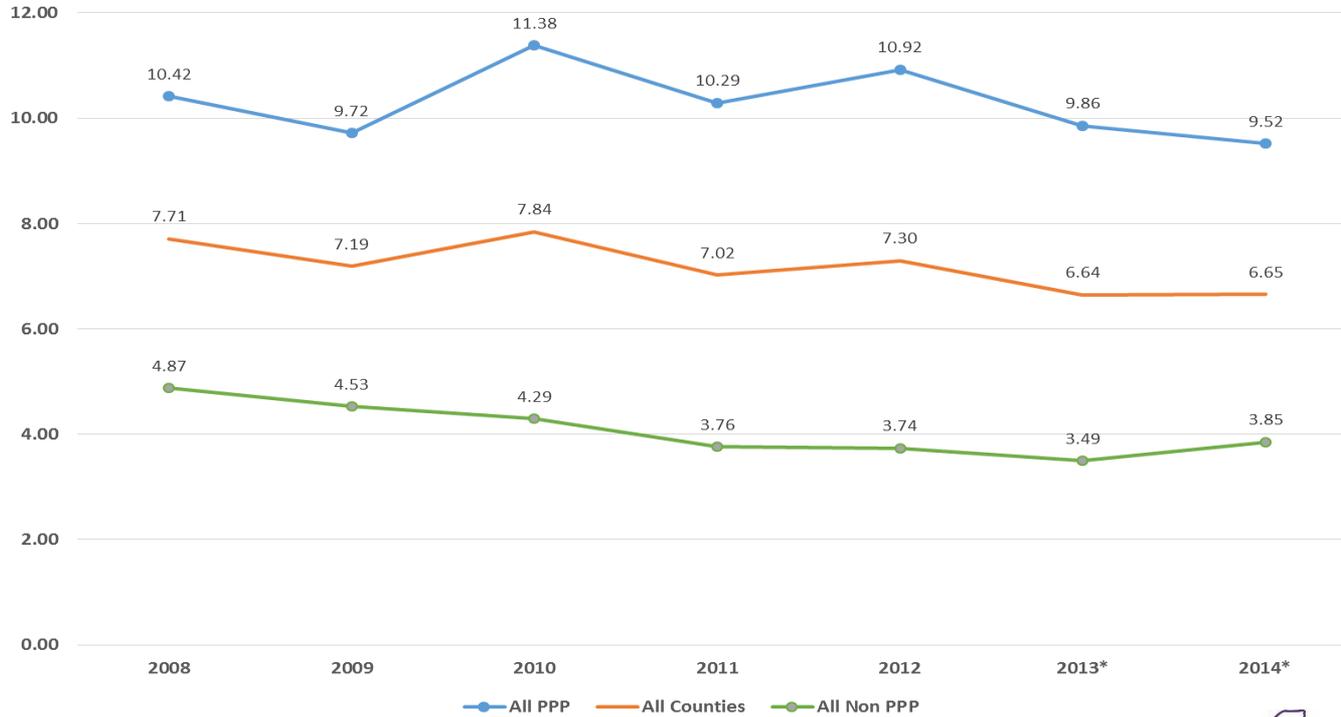


\* Data for 2013 & 2014 are preliminary and subject to change



**Department  
of Health**

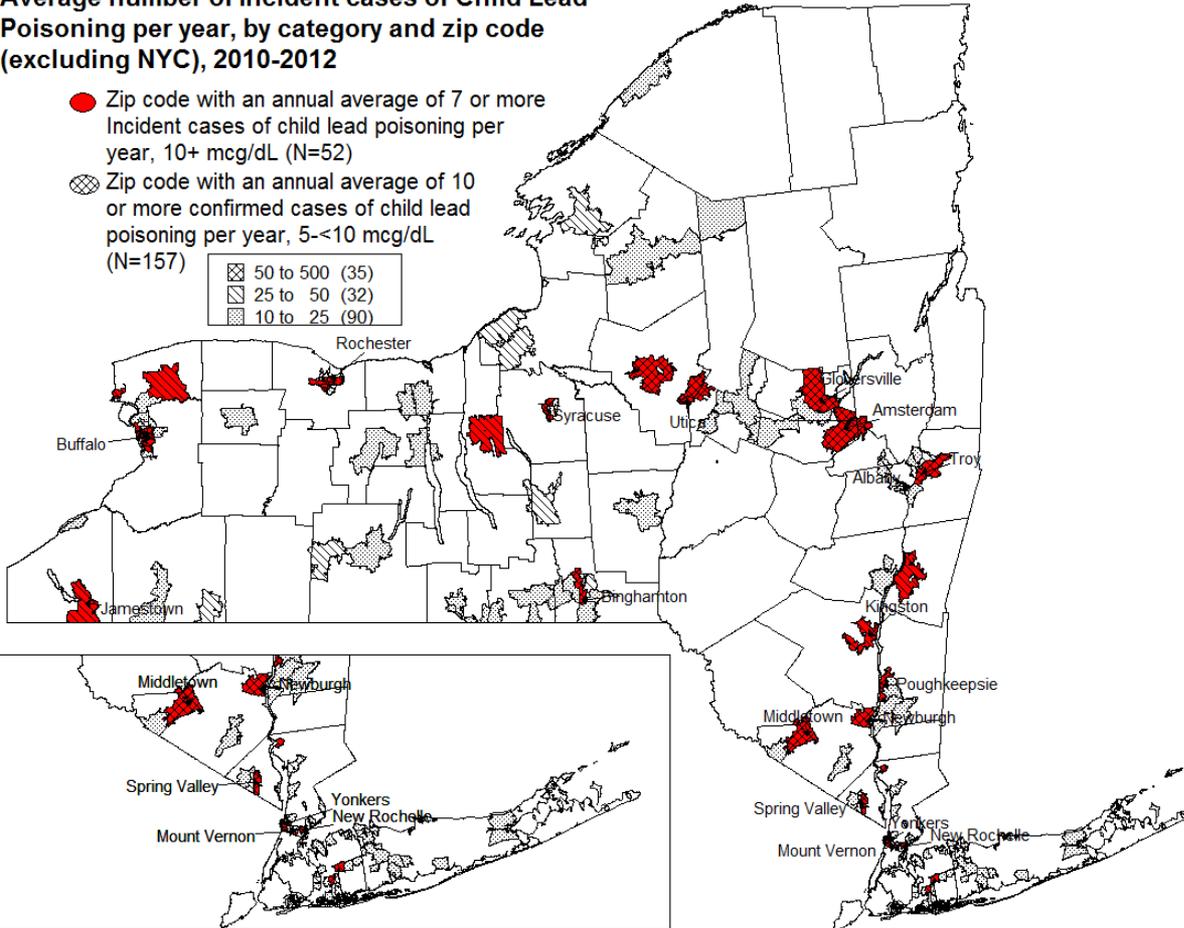
Incidence of Blood Lead Levels  $\geq 10$  mcg/dL  
(per 1,000 children tested)  
NYS exc NYC



**Average number of Incident cases of Child Lead Poisoning per year, by category and zip code (excluding NYC), 2010-2012**

- Zip code with an annual average of 7 or more Incident cases of child lead poisoning per year, 10+ mcg/dL (N=52)
- ⊗ Zip code with an annual average of 10 or more confirmed cases of child lead poisoning per year, 5-<10 mcg/dL (N=157)

⊗	50 to 500 (35)
⊗	25 to 50 (32)
⊗	10 to 25 (90)



# Link Between Housing & Health

*“The connection between health and the dwelling of the population is one of the most important that exists.”*

*Florence Nightingale*



Department  
of Health

# Why Do We Care?

- **Housing impact on health:**
  - Physical, chemical, biological exposures
  - Psychological
- **Young children spend about 70% of the time in their home.**



# How Significant is the Problem?

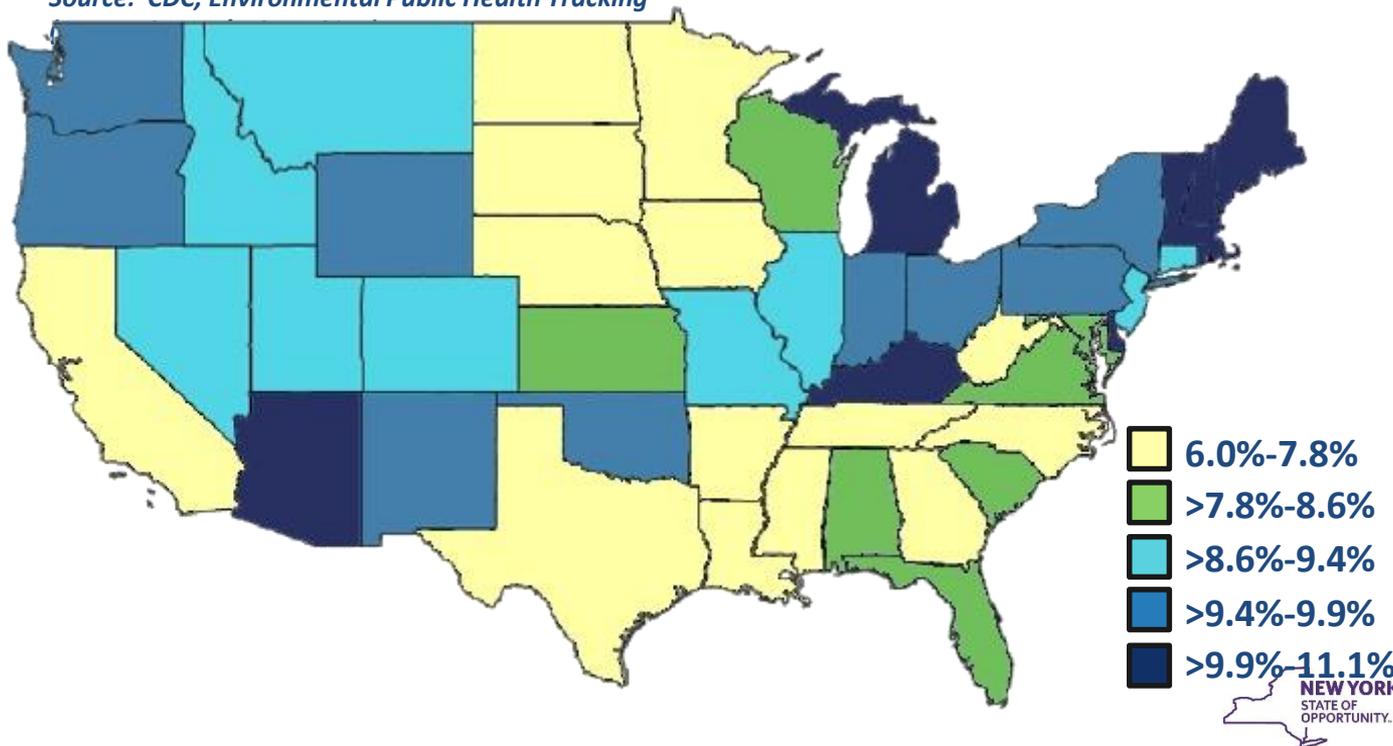
<i>American Housing Survey - 2011</i>			
Occupied Housing Units	Severe Physical Problems	Moderate Physical Problems	Total
2007	1.8 million	4.0 million	5.8 million
2009	1.9 million	3.9 million	5.8 million
2011	2.1 million	4.1 million	6.2 million



# Adult Asthma

Current prevalence, 2010 BRFSS data

Source: CDC, Environmental Public Health Tracking



**Overview**

**Start  
with  
People**

**House  
as a  
System**

**Keep It:**

- Dry
- Clean
- Pest-Free
- Ventilated
- Safe
- Contaminant-Free
- Maintained

**Making  
It Work**

# Holistic Approach

**Integrated approach that considers:**

People living in the home

The structure

Potential health hazards



Moisture/water intrusion



Mold



Asthma exacerbation

## Why a Holistic Approach?

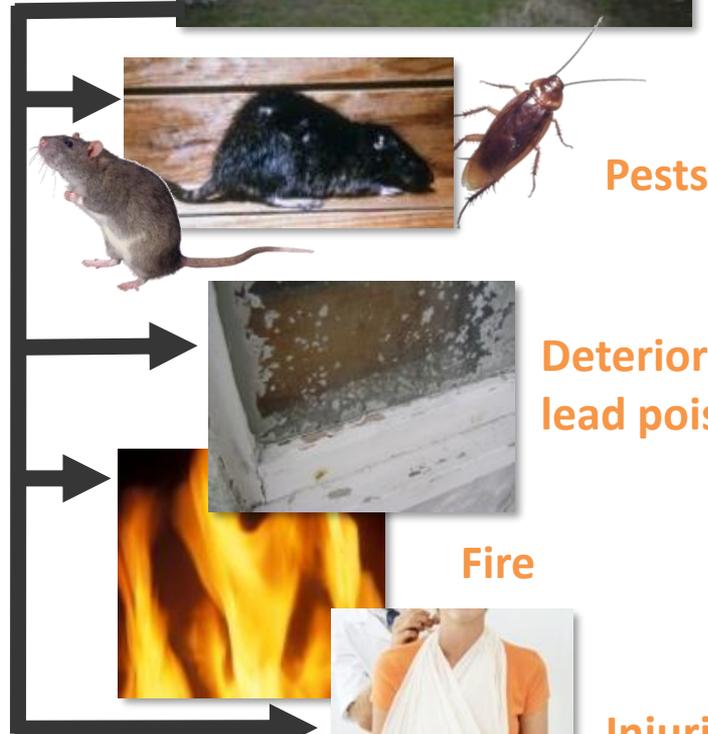


**Moisture/  
water intrusion**



**Structural damage**

# Structural damage

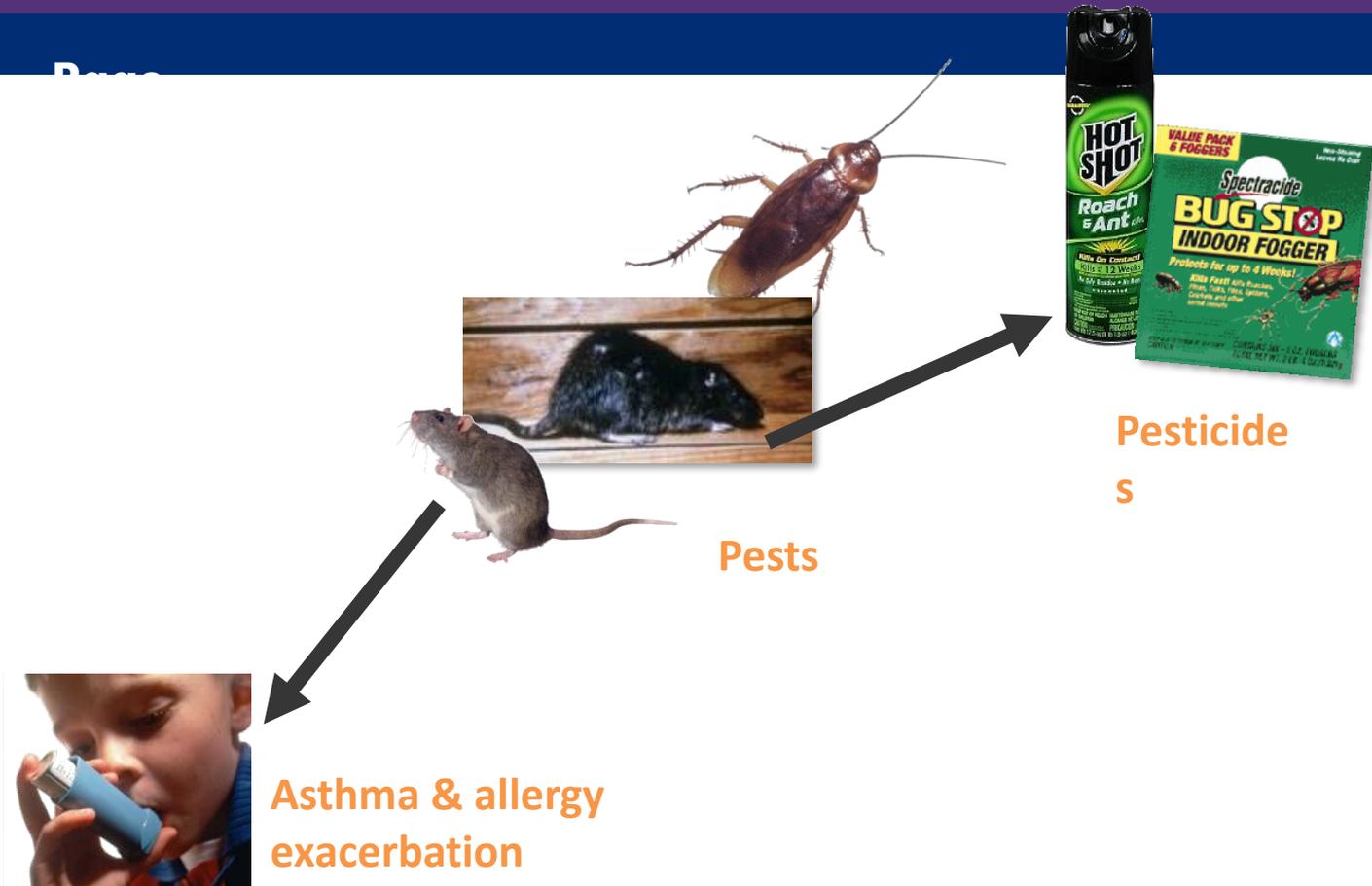


Pests

Deteriorated lead paint/  
lead poisoning

Fire

Injuries

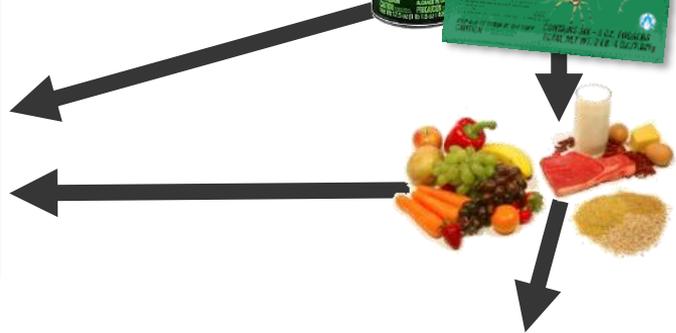


Pesticides

Pests

Asthma & allergy exacerbation

# Pesticides





# Different Approaches

## HEALTH

- Primary Prevention
- Secondary Prevention
- Epidemiologic Triangle

## HOUSING

- Well constructed
- Well maintained
- Comfortable
- Affordable
- Healthy

## ENVIRONMENTAL HEALTH

Lead  
Radon  
Allergens/asthma  
Combustion products  
Unintentional Injuries  
Insects & Rodents  
Mold & Moisture  
Pesticides  
Asbestos

# What is Healthy Housing?

Healthy  
Housing  
is:

- Designed,
- Constructed,
- Maintained, and
- Rehabilitated

in a manner that is conducive to  
good occupant health.

# Healthy Homes Principles



1. Keep it DRY



2. Keep it CLEAN



3. Keep it PEST-FREE



4. Keep it VENTILATED



5. Keep it SAFE



6. Keep it CONTAMINANT-FREE



7. Keep it MAINTAINED

# Essentials for Healthy Homes Practitioners

**National Healthy Homes  
Training Center  
and Network**



# Training for Healthy Homes Practitioner

[www.NCHH.org](http://www.NCHH.org)

# Questions?

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