

# Childhood Lead Poisoning in Connecticut

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Annual Disease Surveillance Report  
on  
Childhood Lead Poisoning  
*based on 2012 data*



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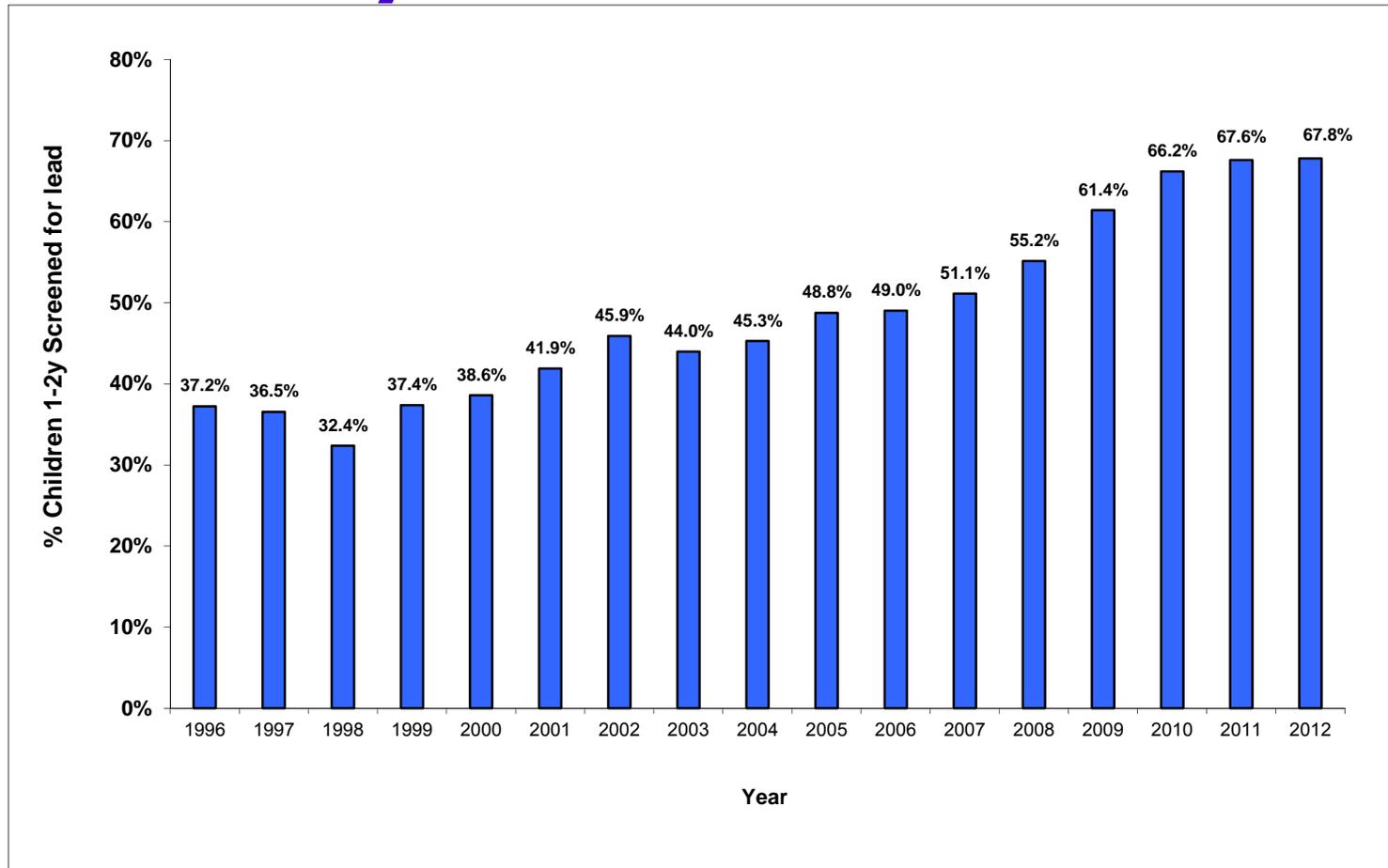
# Data Source- 2012 Blood Lead Surveillance



- 75,569 children under 6 tested

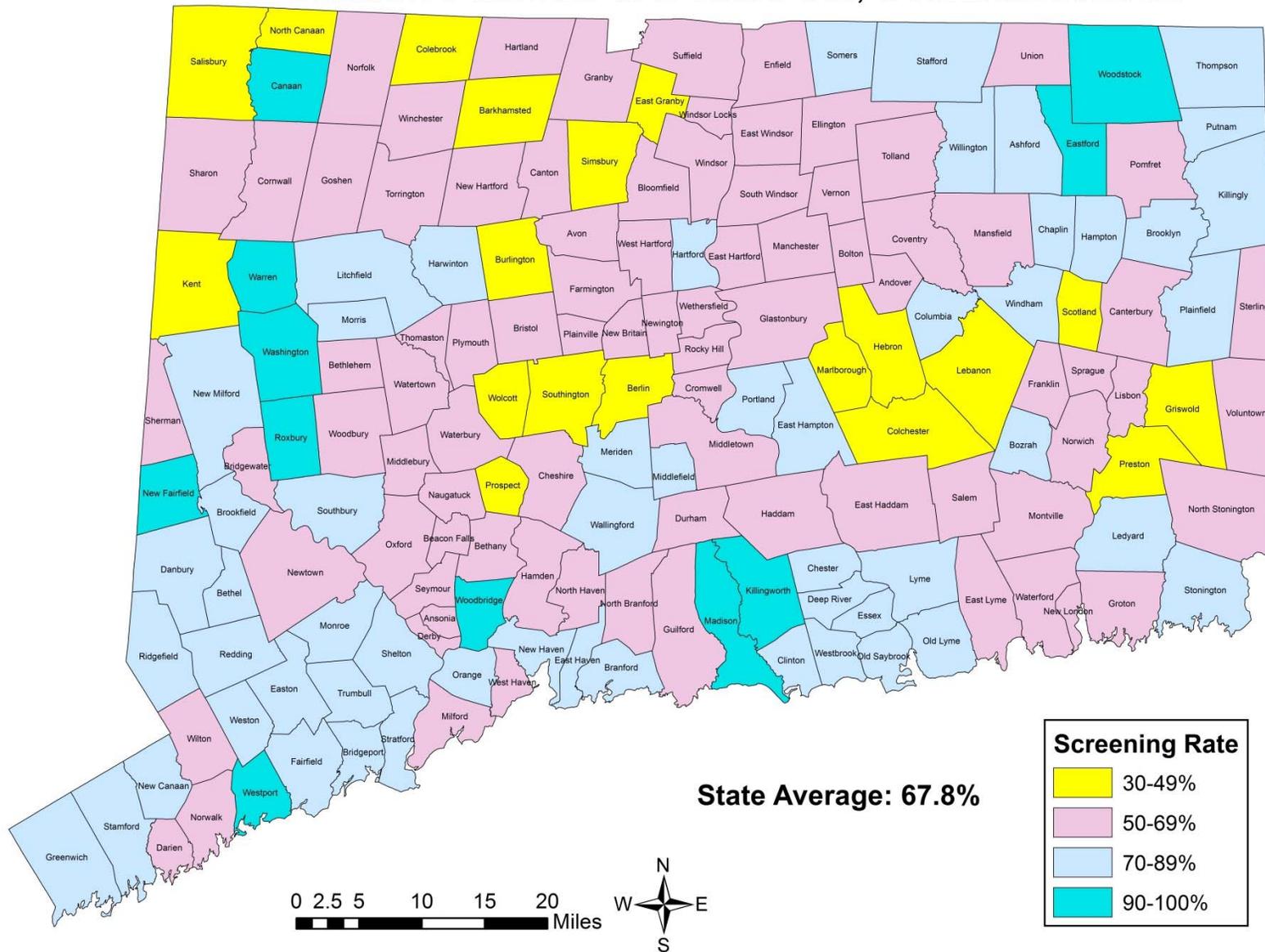
- 61 LHDs adopted Lead Maven

# Statewide Blood Lead Screening- 1 and 2 years old

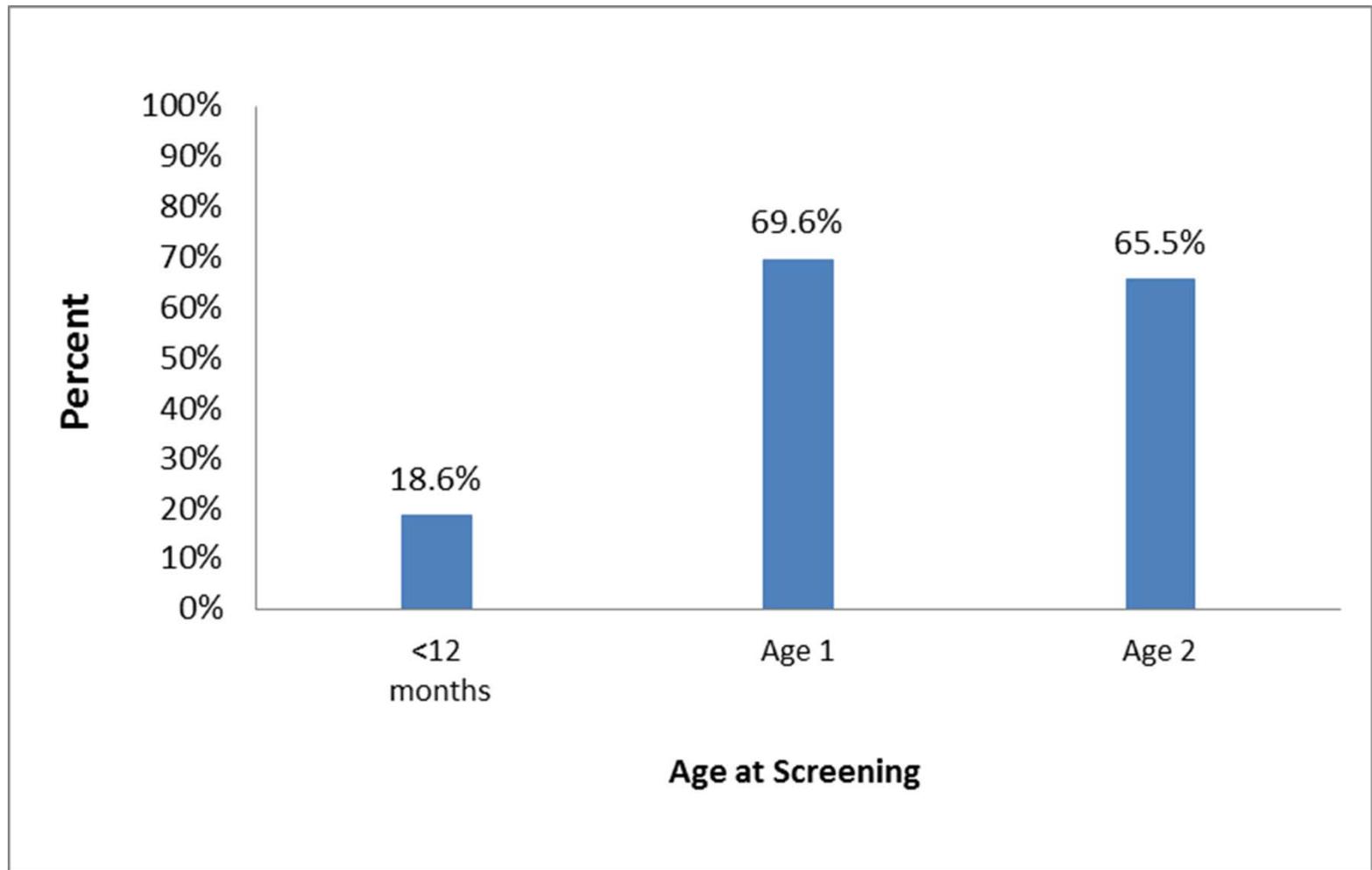


- 54,524 (67.8%) children between 9 months and 35 months years old were tested

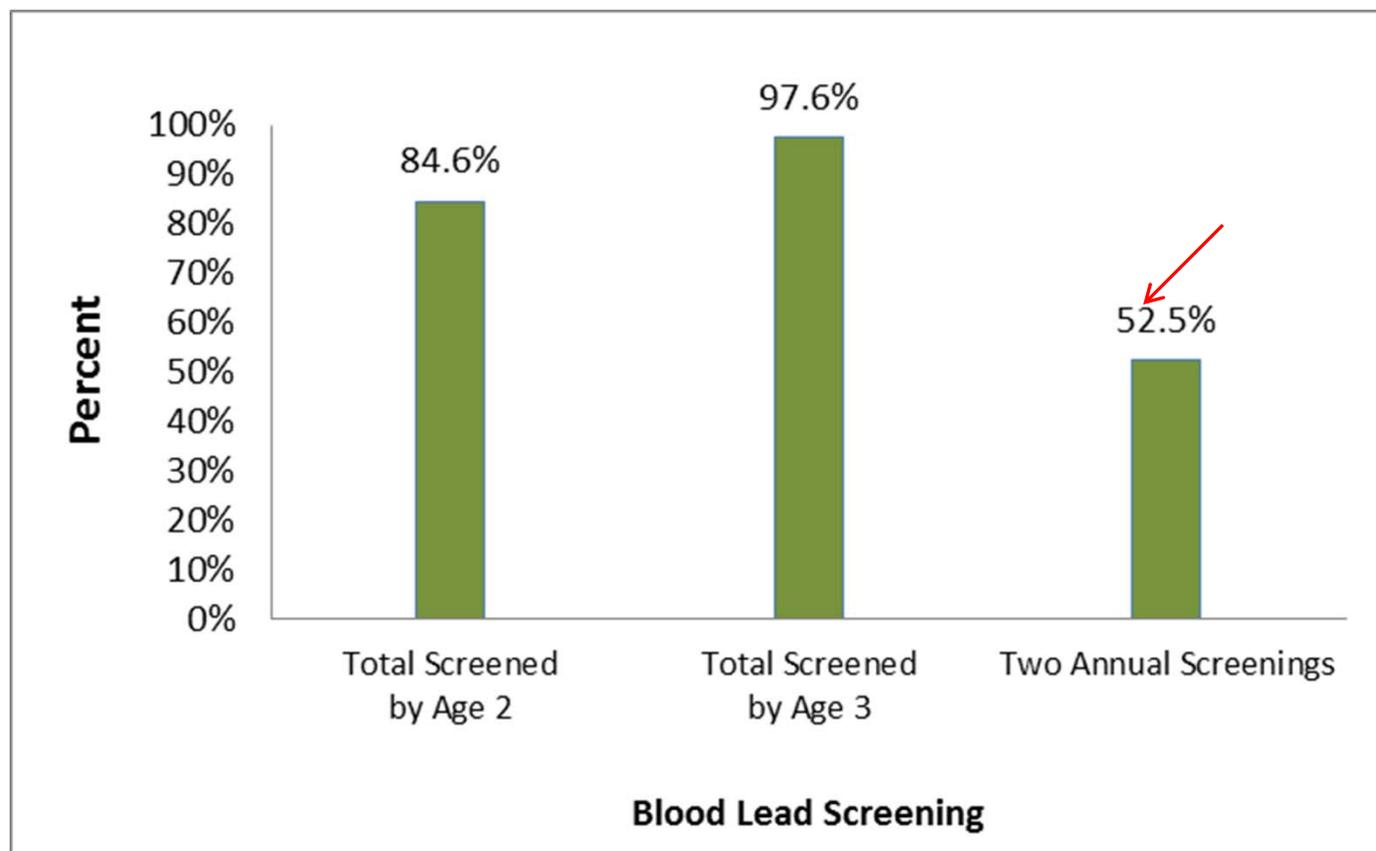
# By Town Blood Lead Screening Rate Children 9 Months to 2 Years Old, Connecticut 2012



## Screening rate by age at blood lead testing among birth cohort 2009

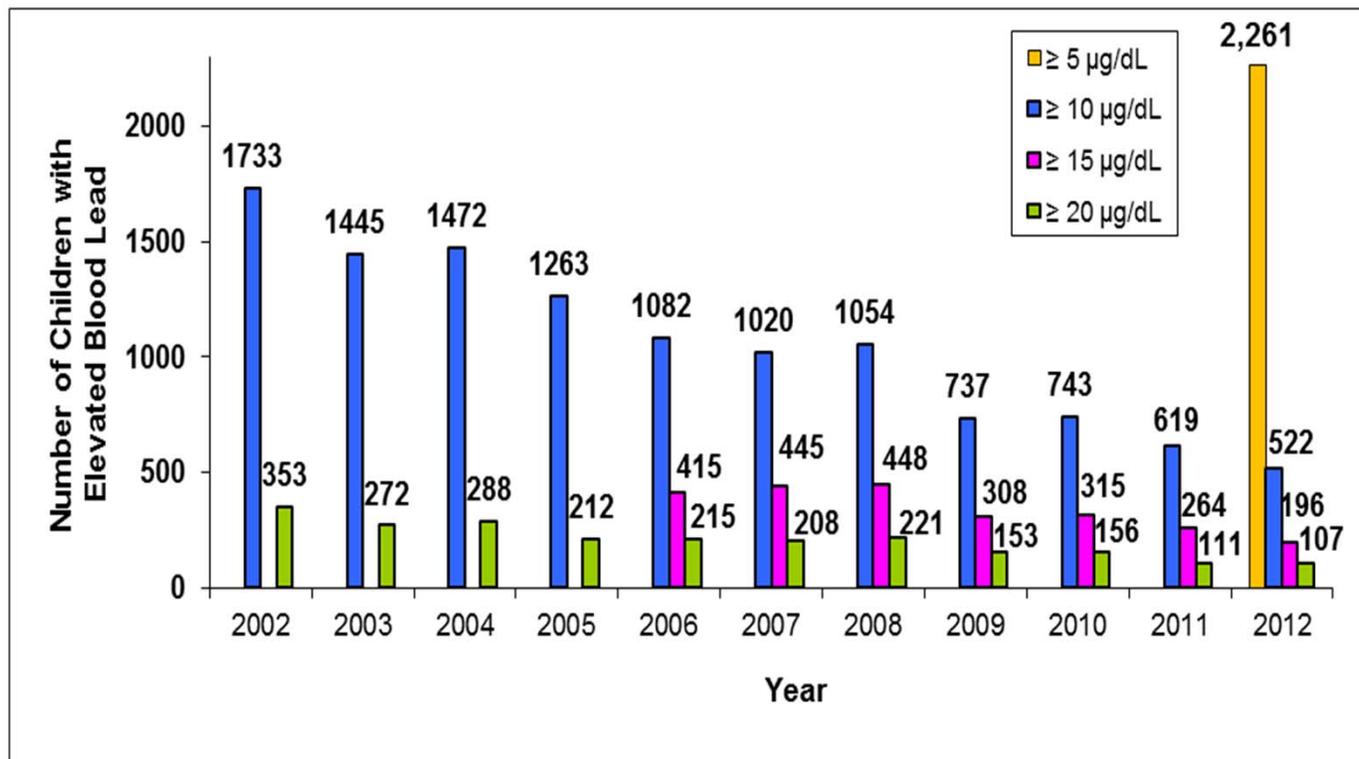


# Compliance with Mandatory Blood Lead Screening - 2009 Birth Cohort

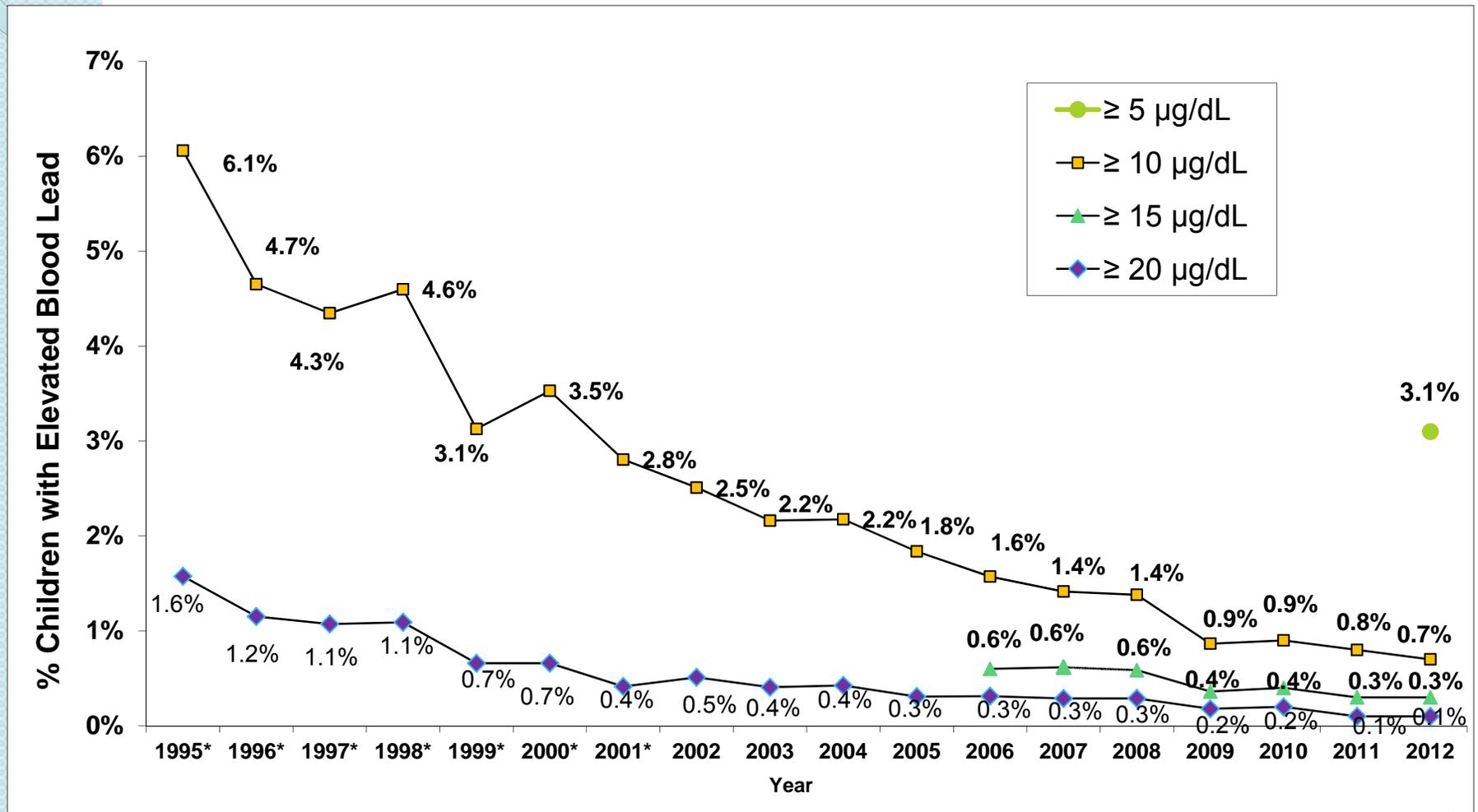


# Prevalence Trends

**Number of children under 6 years of age with lead poisoning, by calendar year and by blood lead levels – Connecticut 2002-2012**

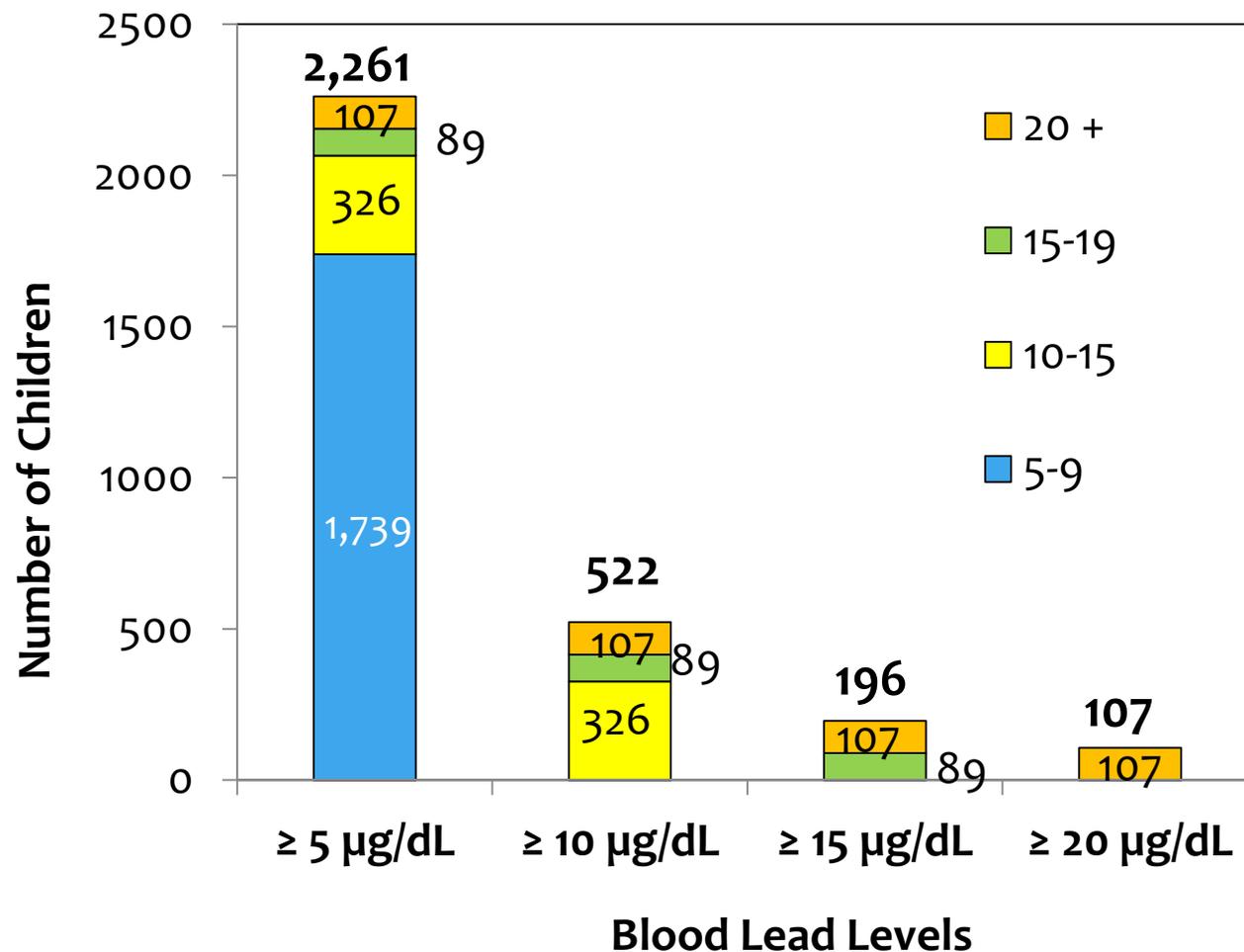


# Prevalence Rate of Childhood Lead Poisoning – Connecticut 1995-2012

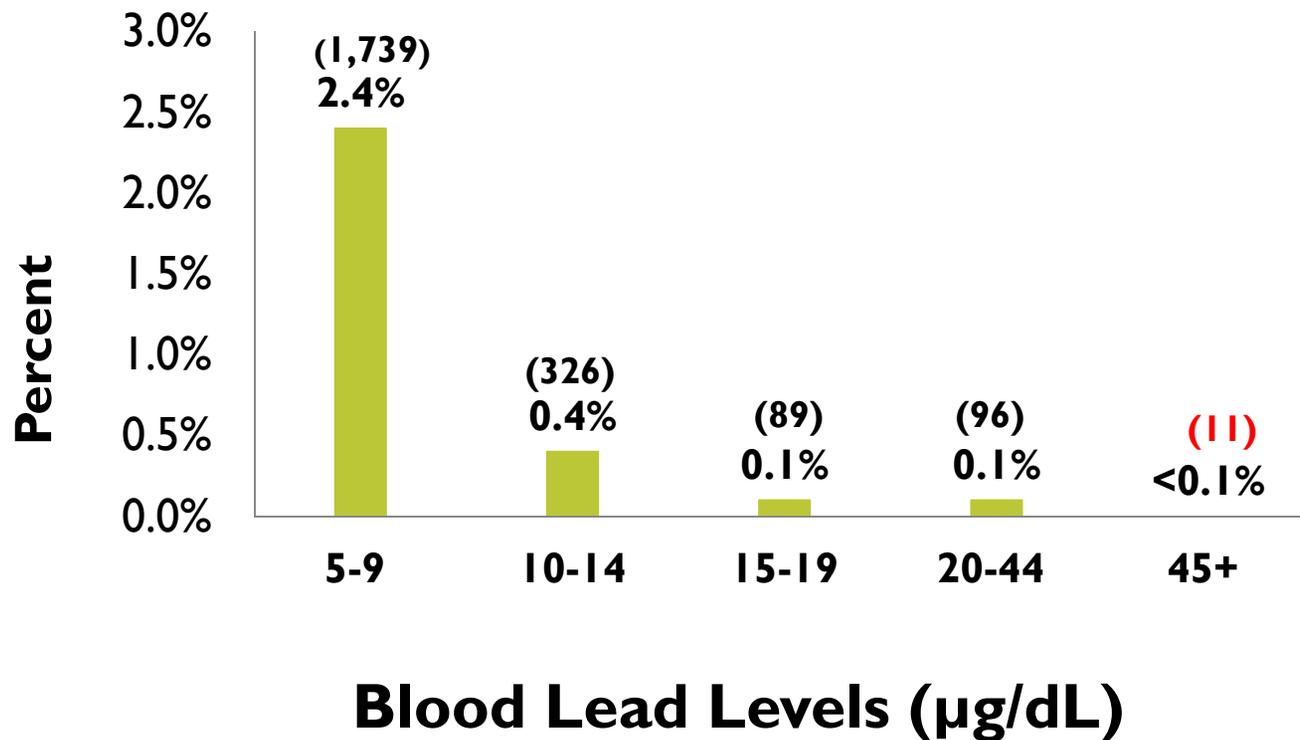


# Prevalence of Lead Poisoning

Number of children under 6 years of age diagnosed with lead poisoning, CY 2012



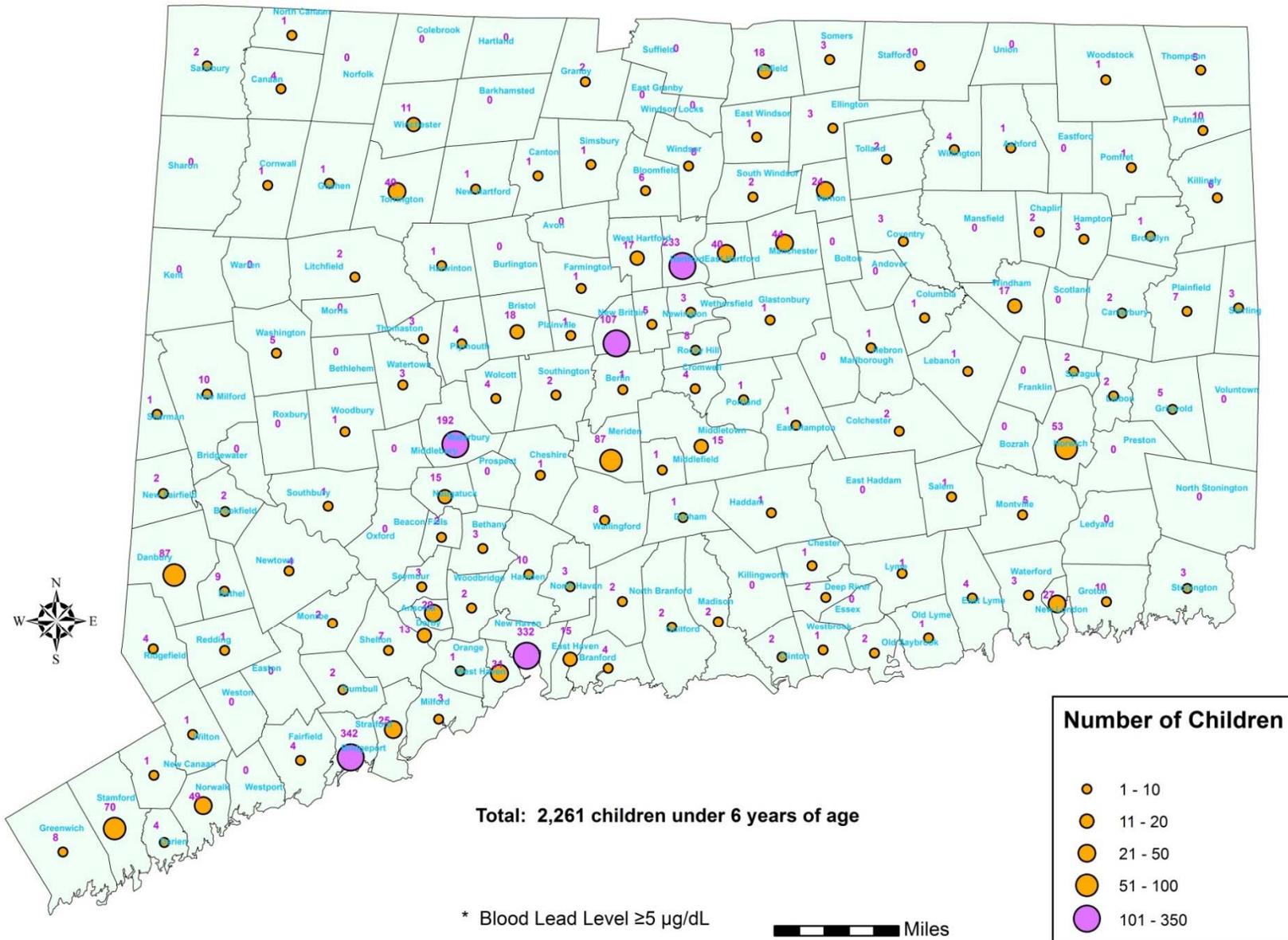
# Percentage and Number of Lead Poisoned Children\*



Total  $\geq 5 \mu\text{g/dL}$ : 3.1%

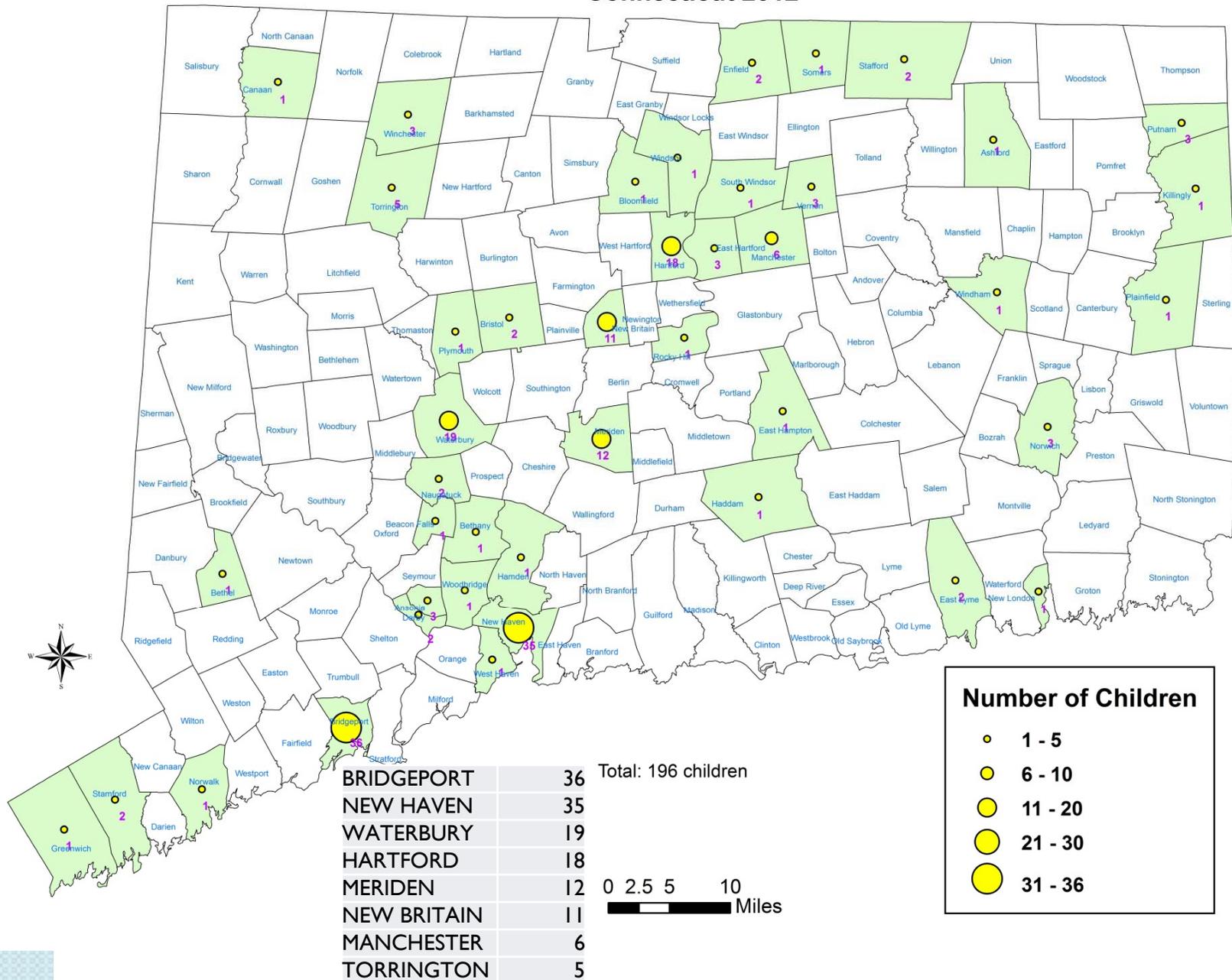
\* children under 6 years of age

# Number of Lead Poisoned Children\* by Town, Connecticut 2012

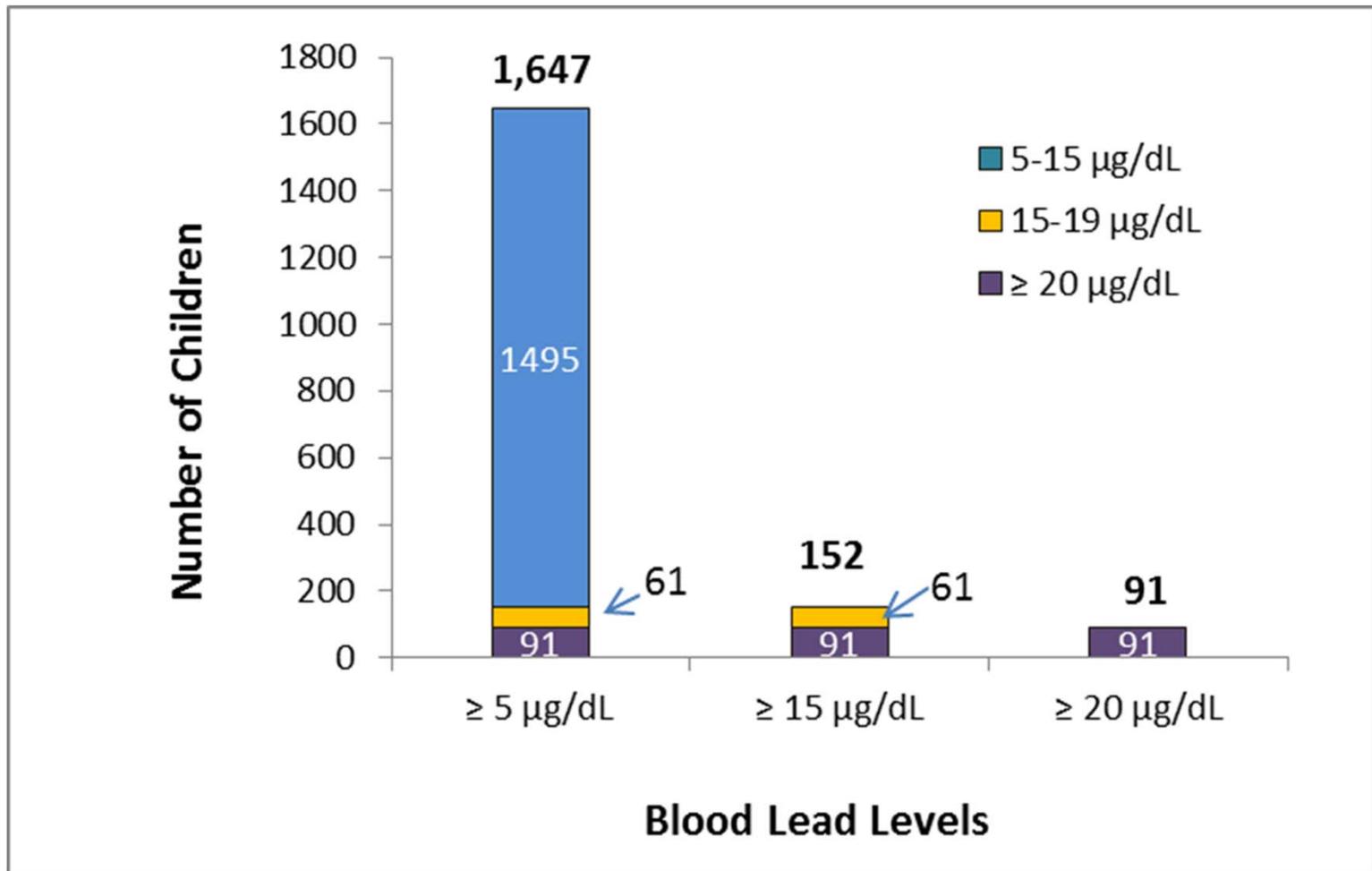


**Top Cities: Bridgeport (342), New Haven (332), Hartford (233), Waterbury (192), New Britain (107), Danbury (87), Meriden (87)**

## Number of Children under 6 Years Old with Blood Lead Levels $\geq 15 \mu\text{g/dL}$ by Town Connecticut 2012

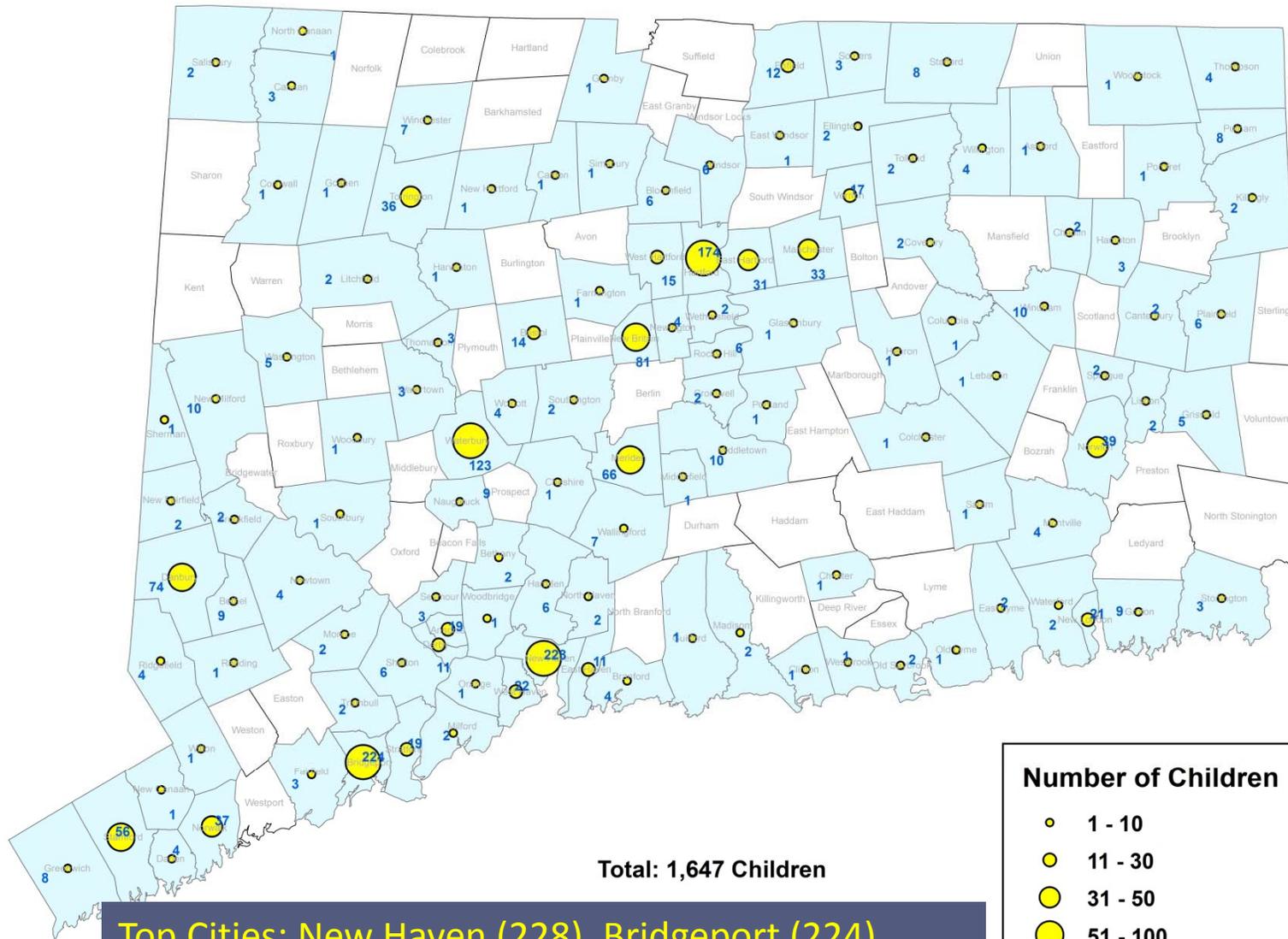


# Incidence of lead poisoning by blood lead levels



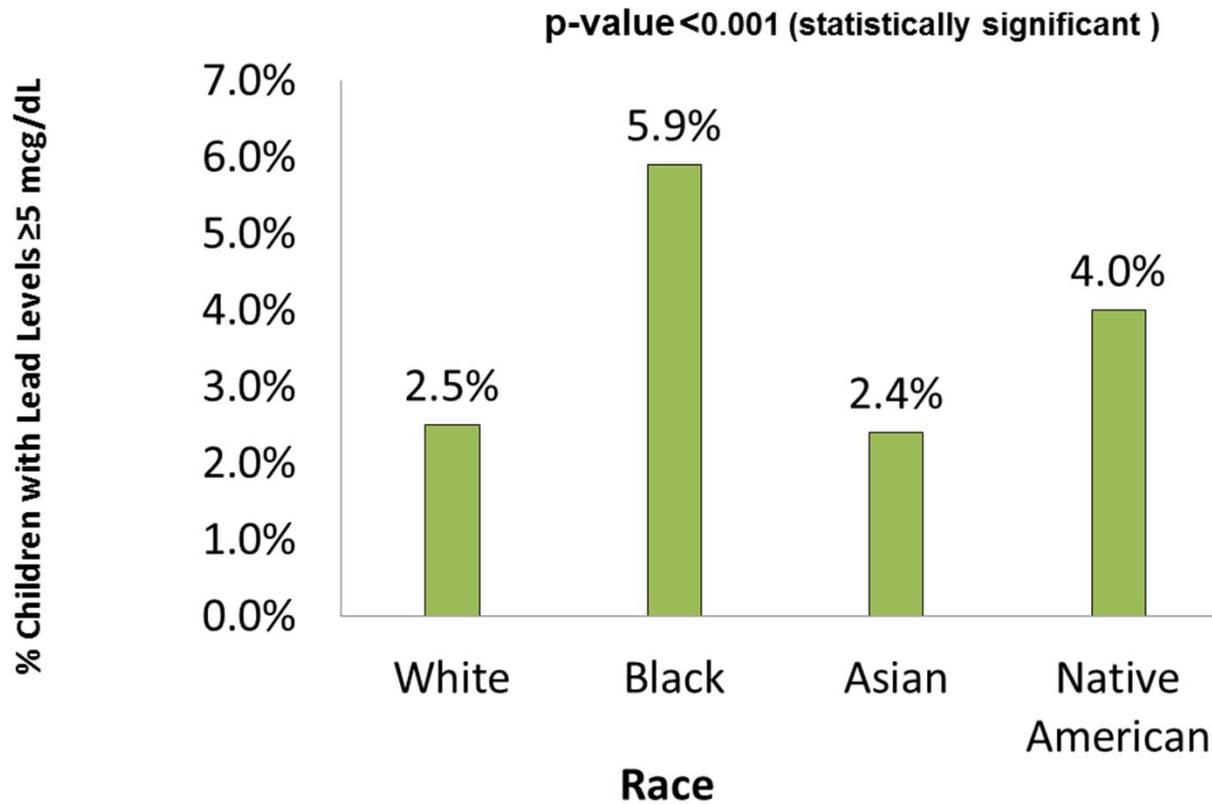
\* children under 6 years of age

## Number of New Cases $\geq 5 \mu\text{g/dL}$ By Town Among Children Under 6 Years Old Connecticut 2012



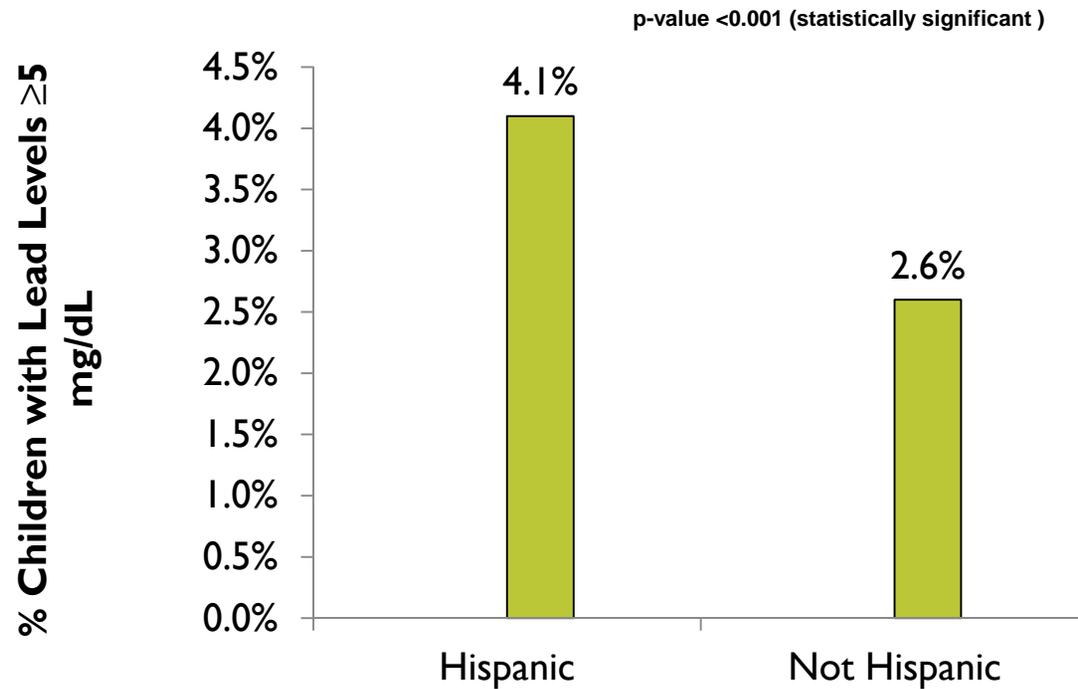
**Top Cities: New Haven (228), Bridgeport (224), Hartford (174), Waterbury (123), New Britain (81), Danbury (74), Meriden (66)**

# Percentage of Lead Poisoned Children\* by Race



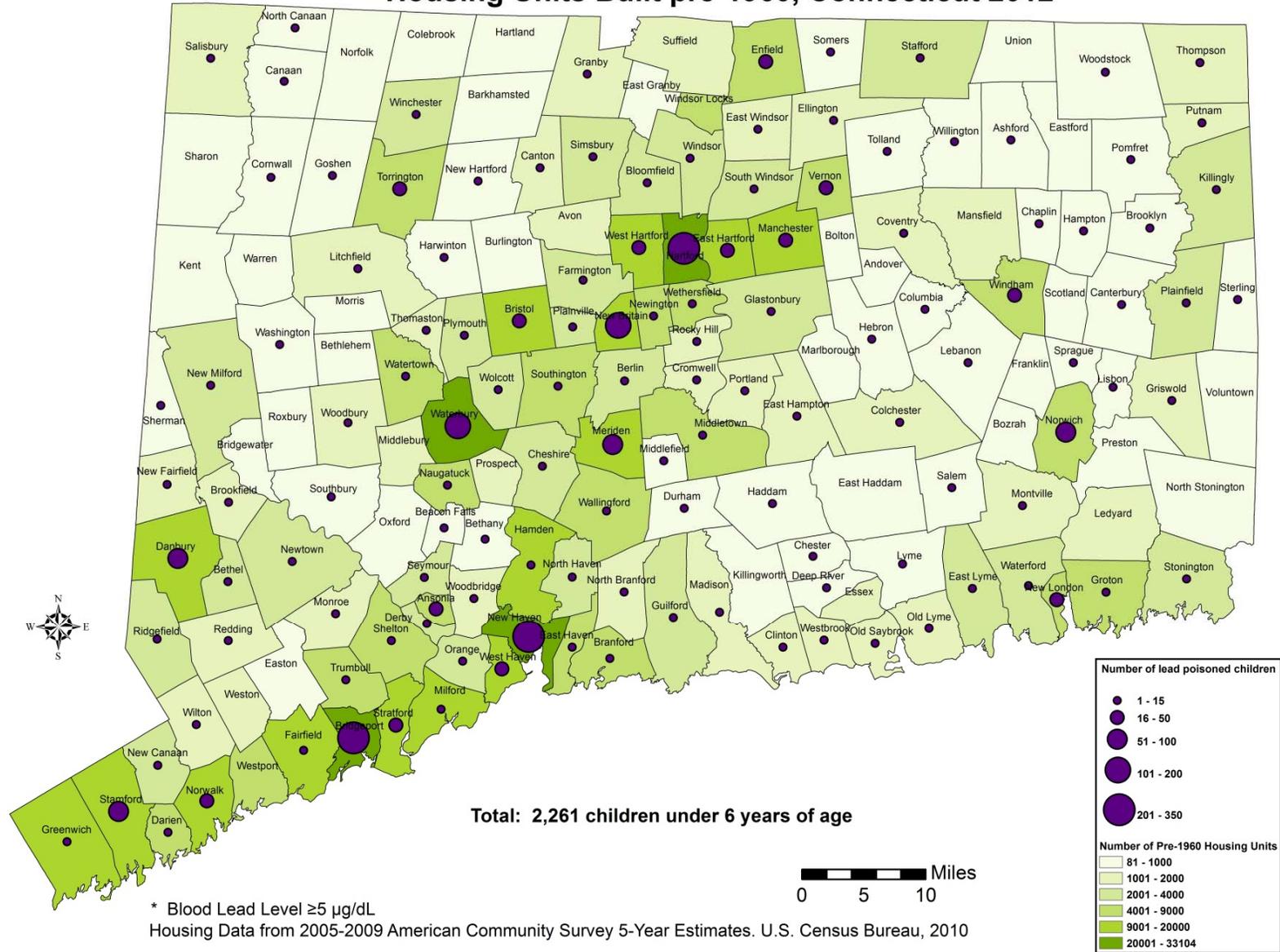
\* children under 6 years of age

# Percentage of Lead Poisoned Children\* by Ethnicity



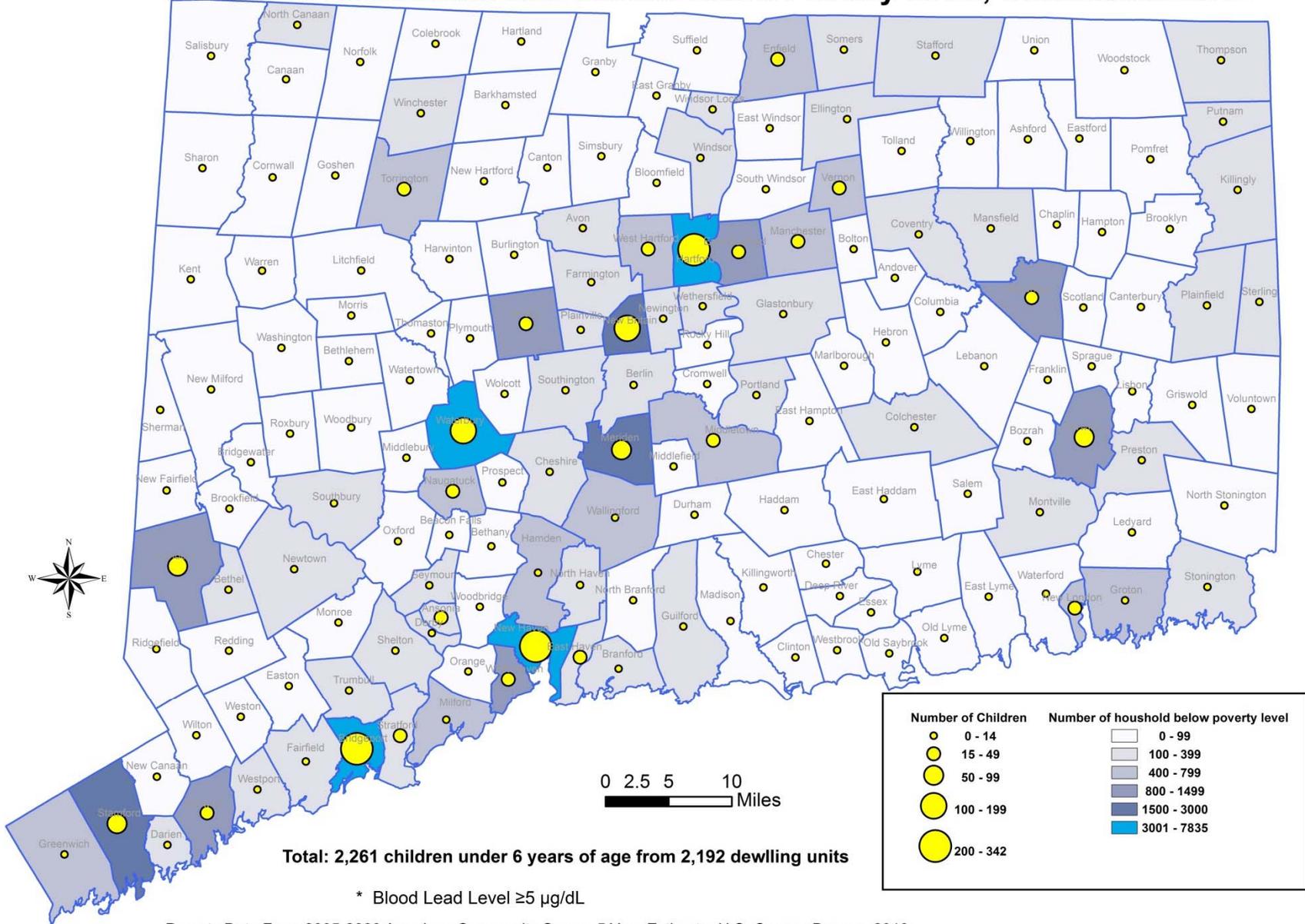
\*children under 6 years of age

## Number of Lead Poisoned Children\* & Housing Units Built pre-1960, Connecticut 2012



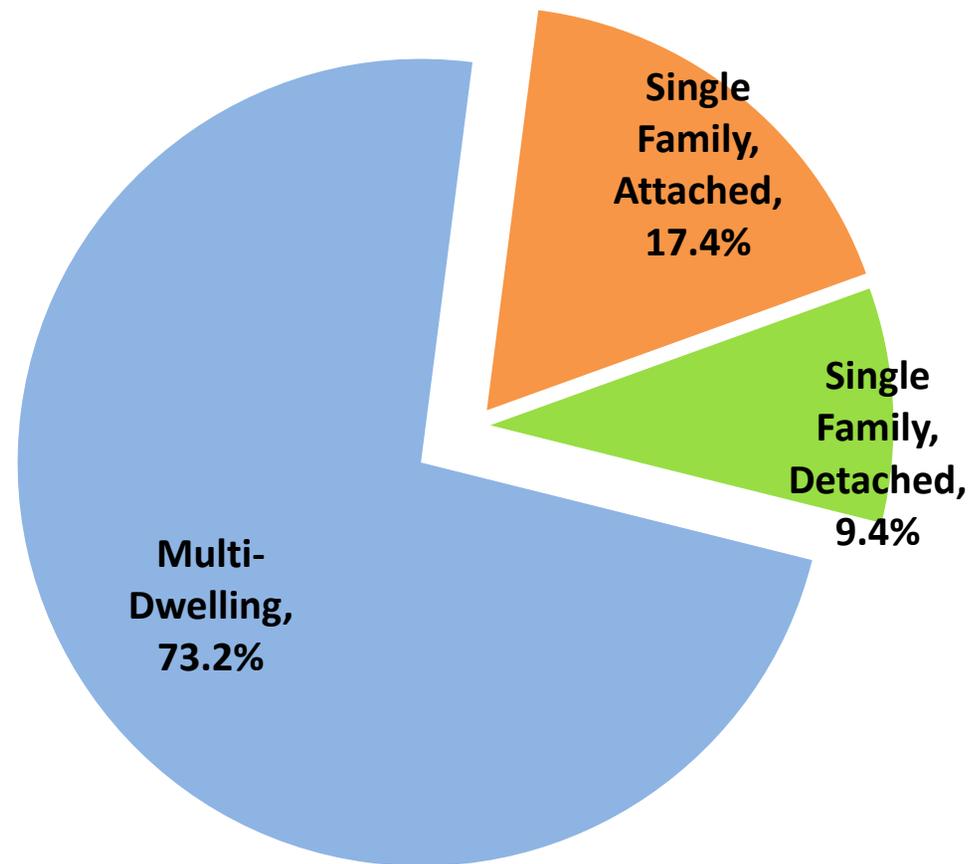
\* Blood Lead Level  $\geq 5 \mu\text{g/dL}$   
 Housing Data from 2005-2009 American Community Survey 5-Year Estimates. U.S. Census Bureau, 2010

# Number of Lead Poisoned Children\* & Number of Households with Income Below Poverty Level, Connecticut 2012



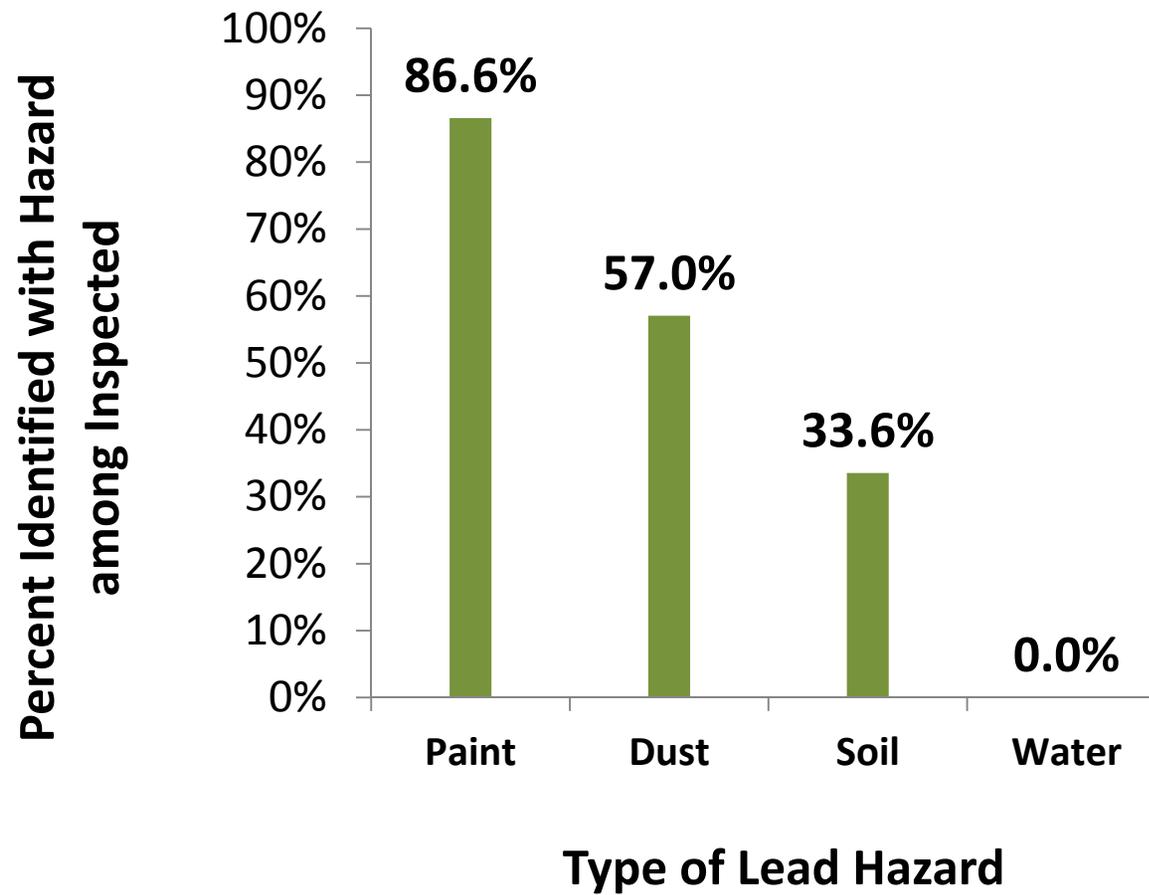
Poverty Data From 2005-2009 American Community Survey 5 Year Estimate. U.S. Census Bureau, 2010

# Housing Style among Inspected Housing Units

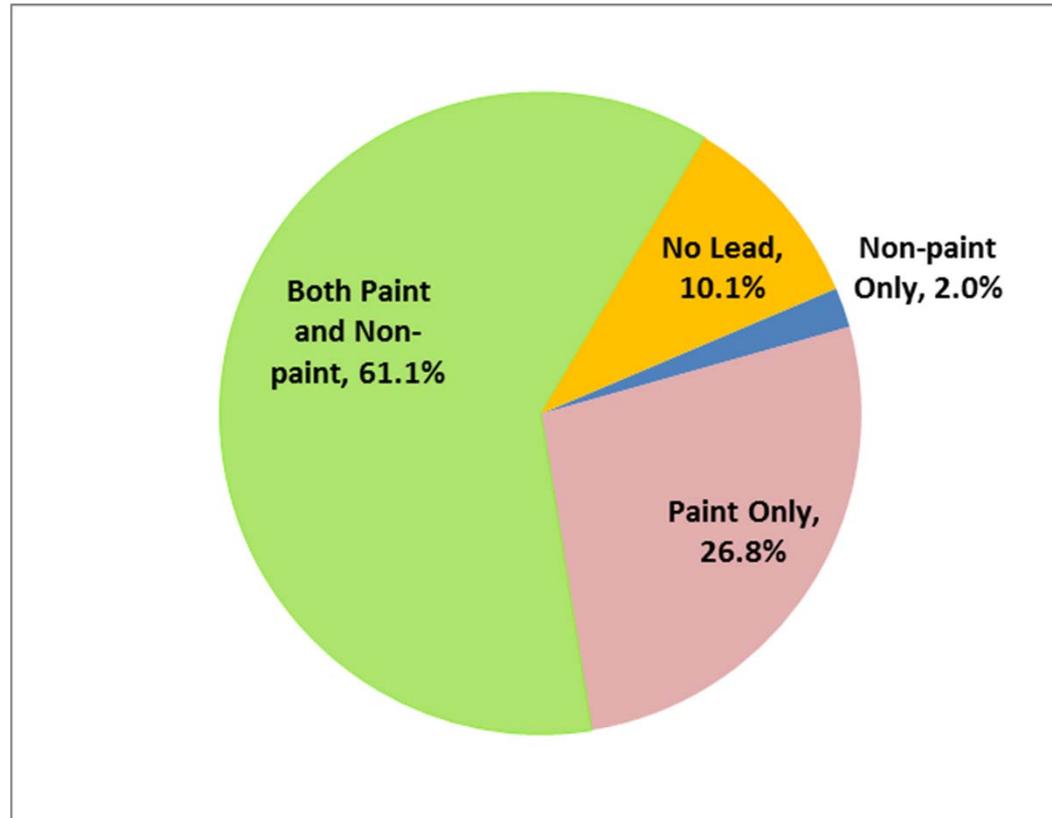


N=149 inspected housing units

# Environmental lead hazards identified by source



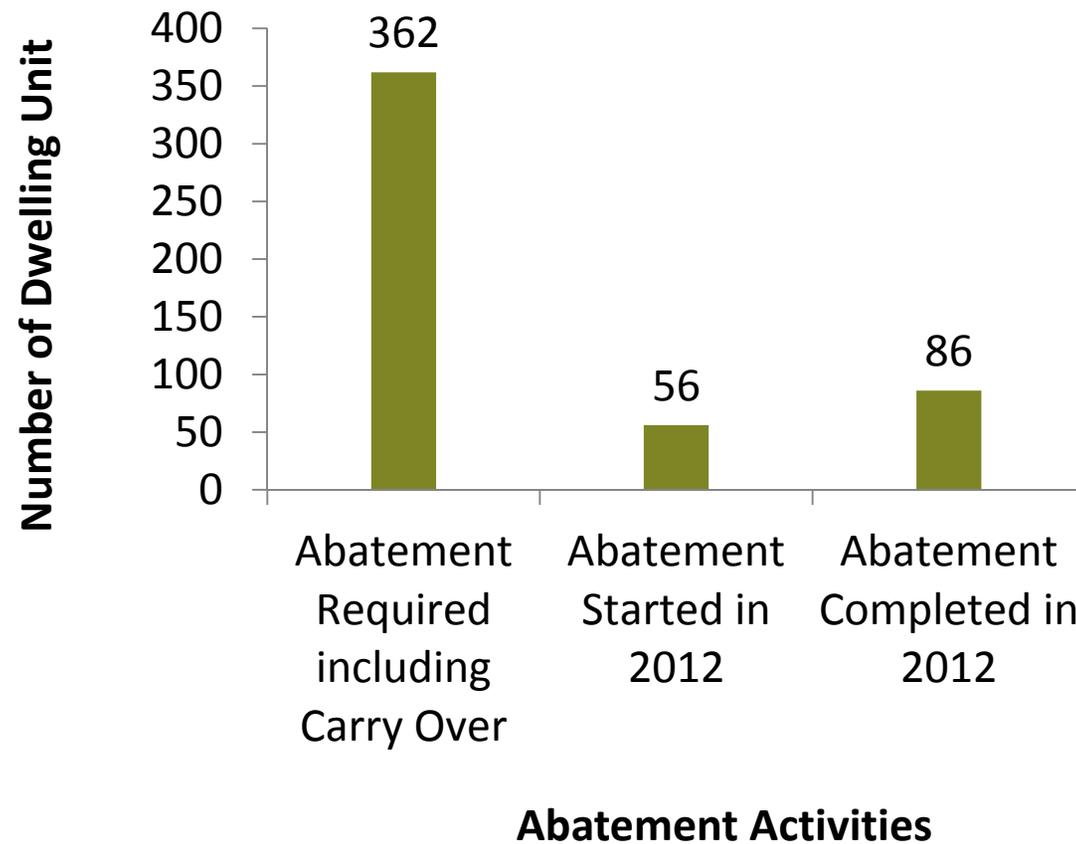
# Environmental lead hazards related to paint or non-paint hazards



Non-paint hazards consist of lead dust, lead in soil, or lead in water

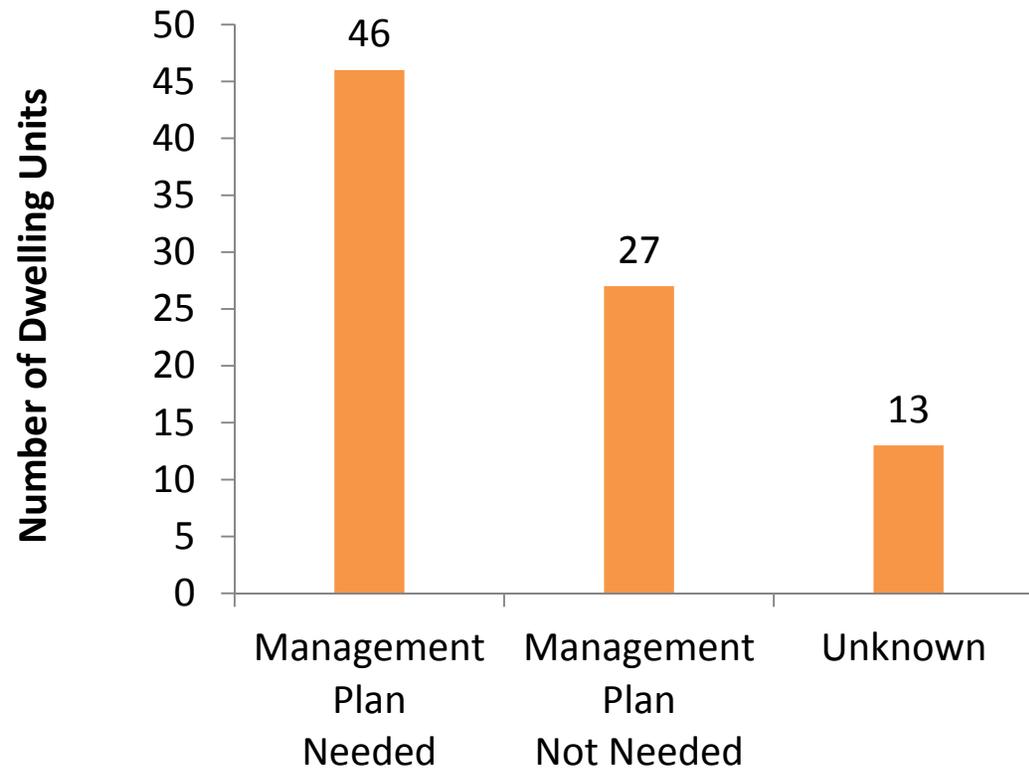
# Abatement activities

Among dwelling units requiring abatement of lead hazards-



# Lead Management Plans

Among dwelling units where lead abatement was completed in 2012 --



Post-Abatement Lead Management Plan Activities