

# Childhood Lead Poisoning in Connecticut, 2014 surveillance data

Denise Ortiz, MPH

Tracy Hung, MHS

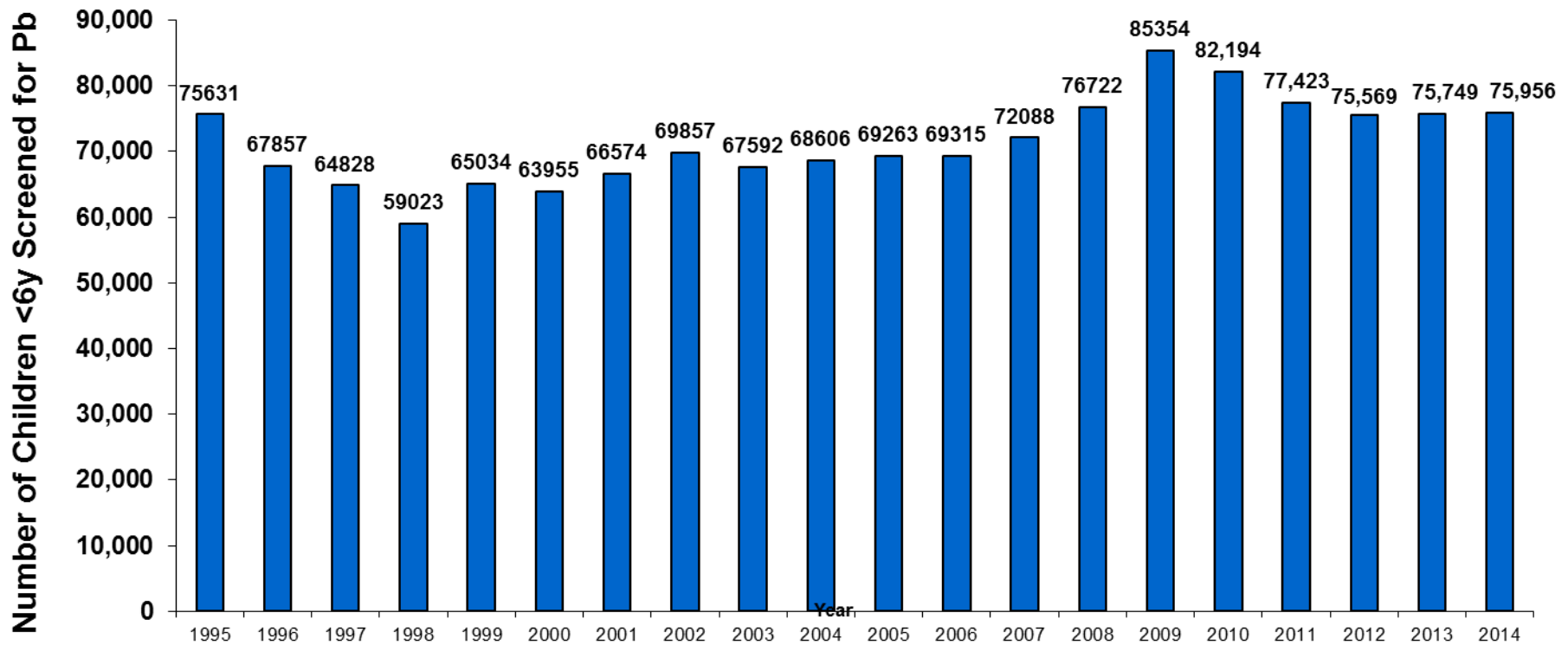
Epidemiologists

Connecticut Department of  
Public Health

Public Health

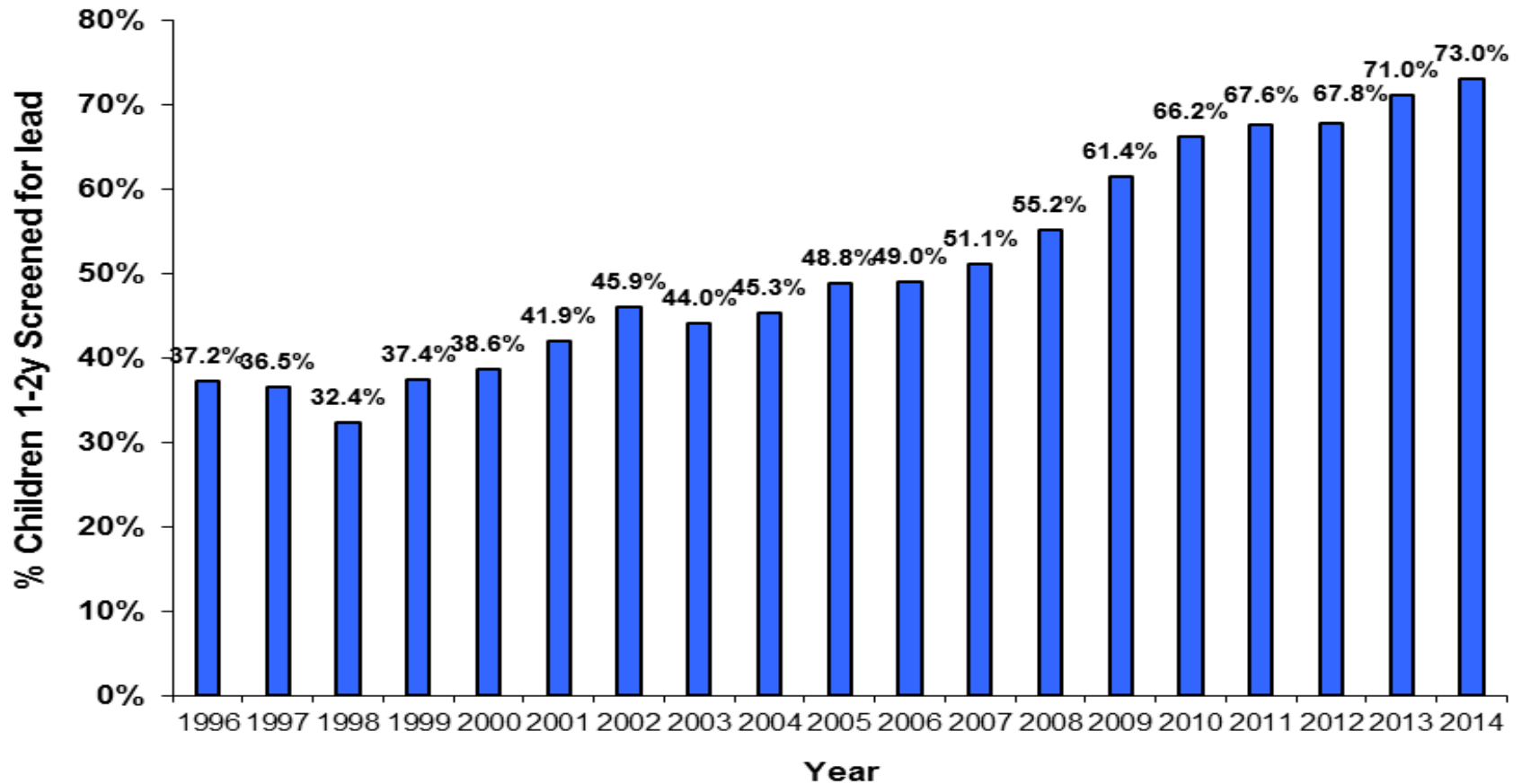


# Statewide Screening Children under 6 years of age



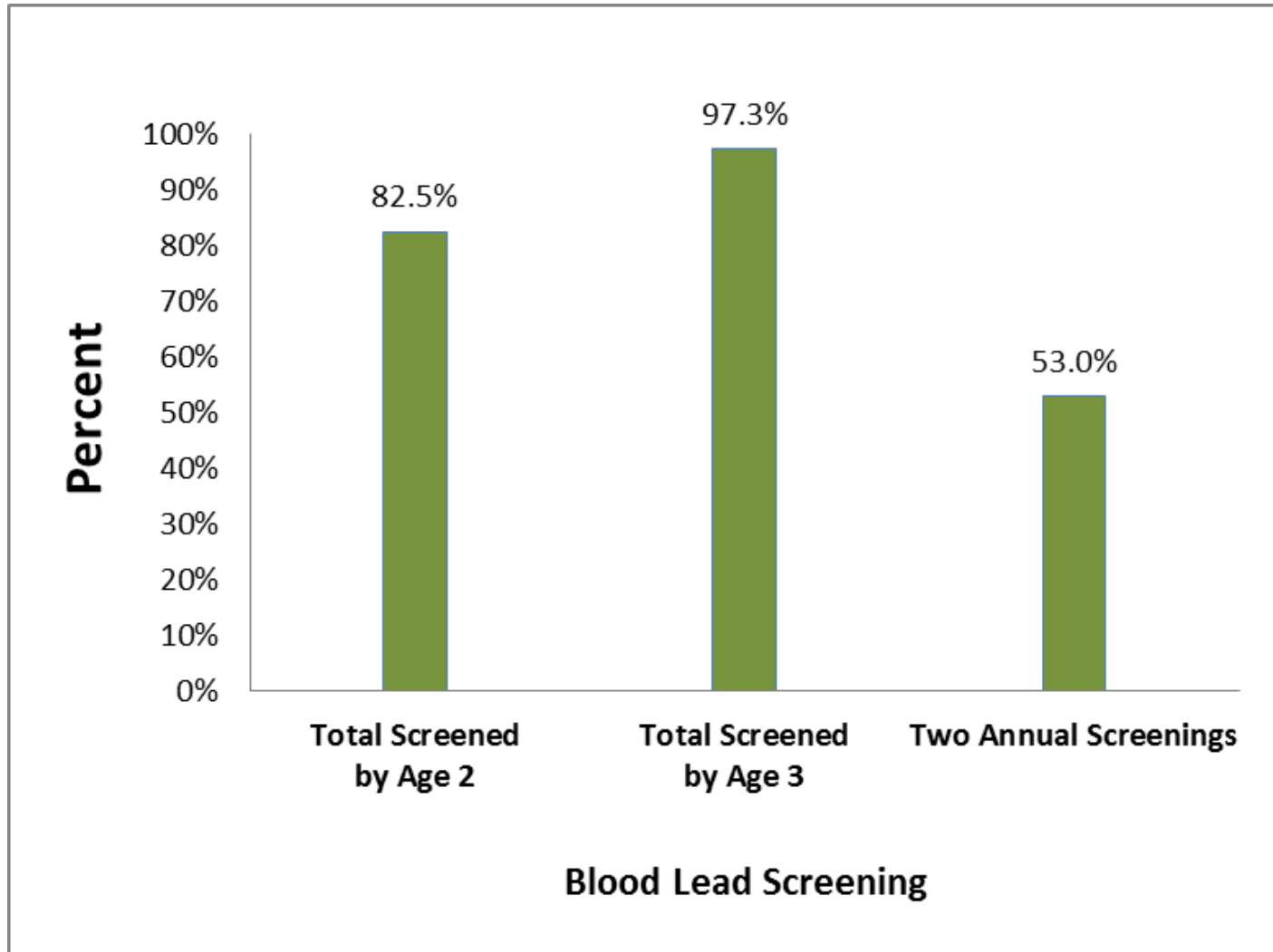
75,956 children under age of 6 were tested in 2014

# Statewide Blood Lead Screening- 1 and 2 years old



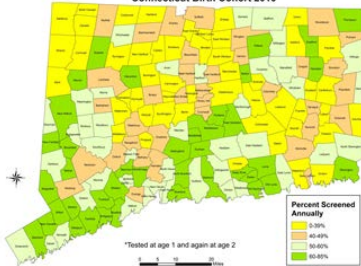
56,349 (73.0%) children between 9 months and 35 months years old were tested

# Statewide Blood Lead Screening compliance among birth cohort 2011

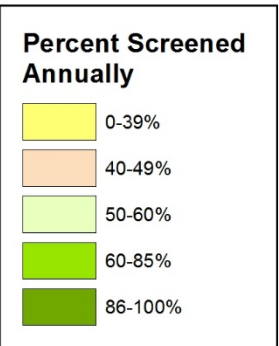
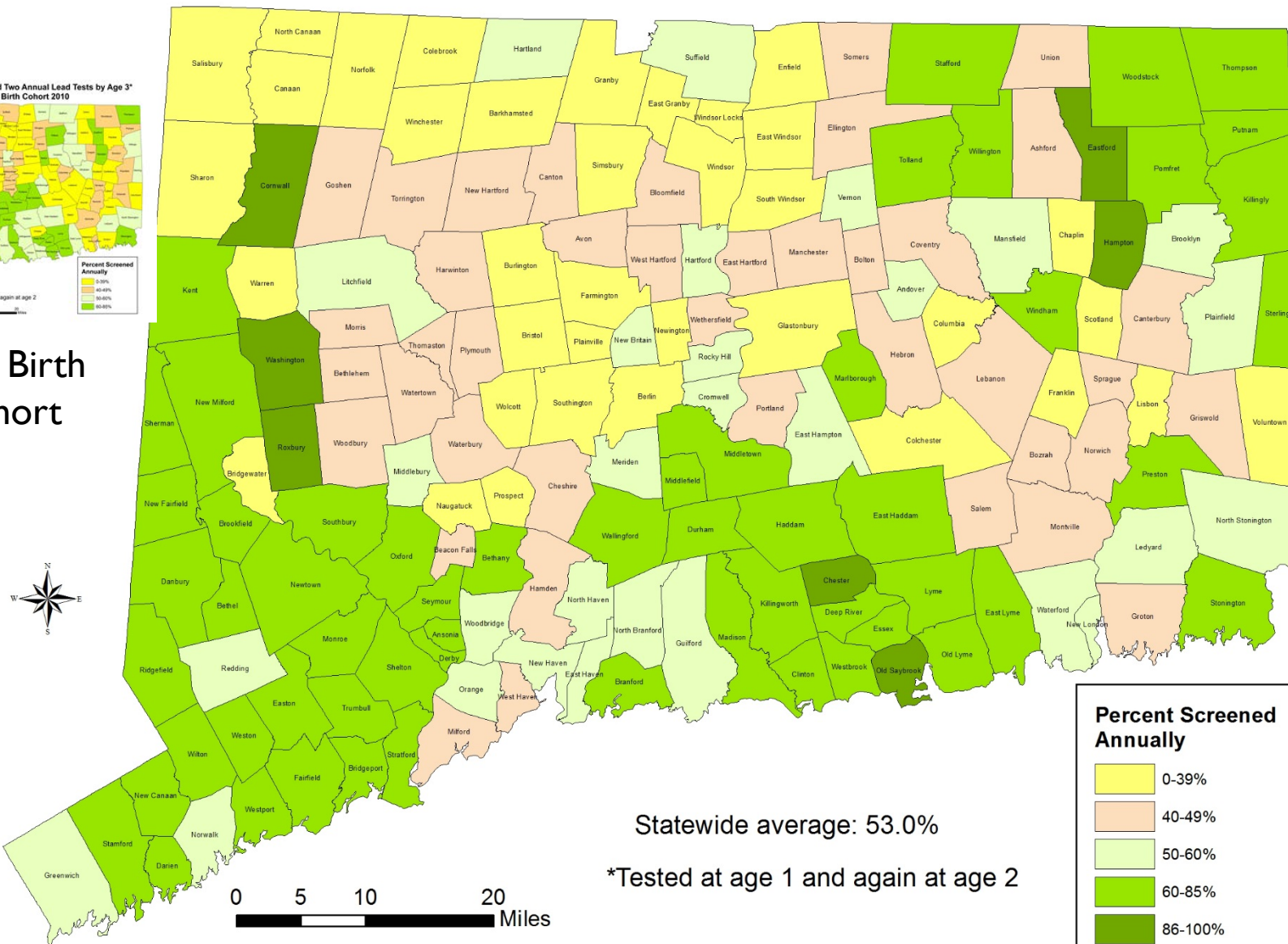


# Percent of Children Who Received Two Annual Lead Tests by Age 3\* Connecticut Birth Cohort 2011

Percent of Children Received Two Annual Lead Tests by Age 3\*  
Connecticut Birth Cohort 2010

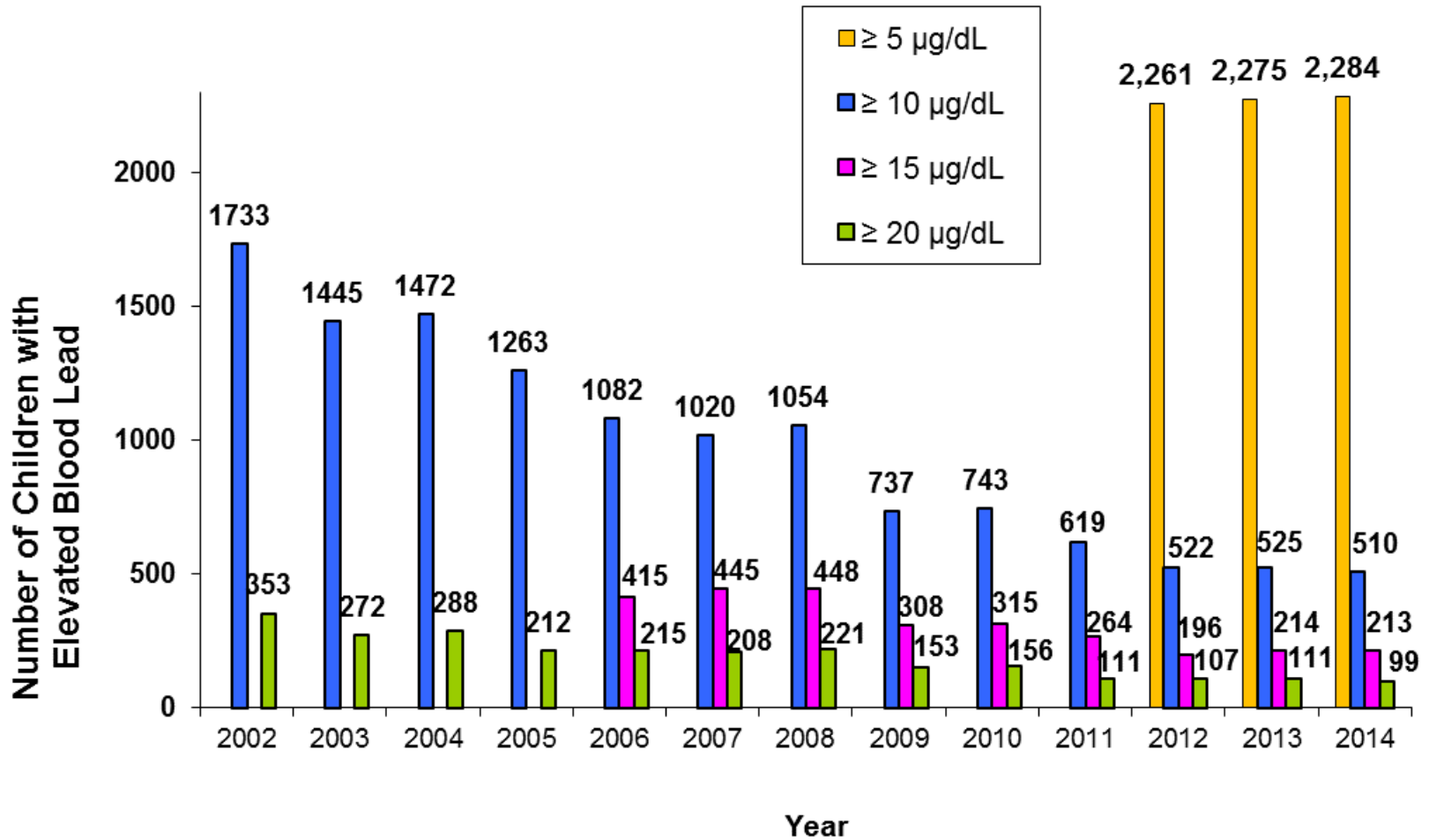


2010 Birth Cohort



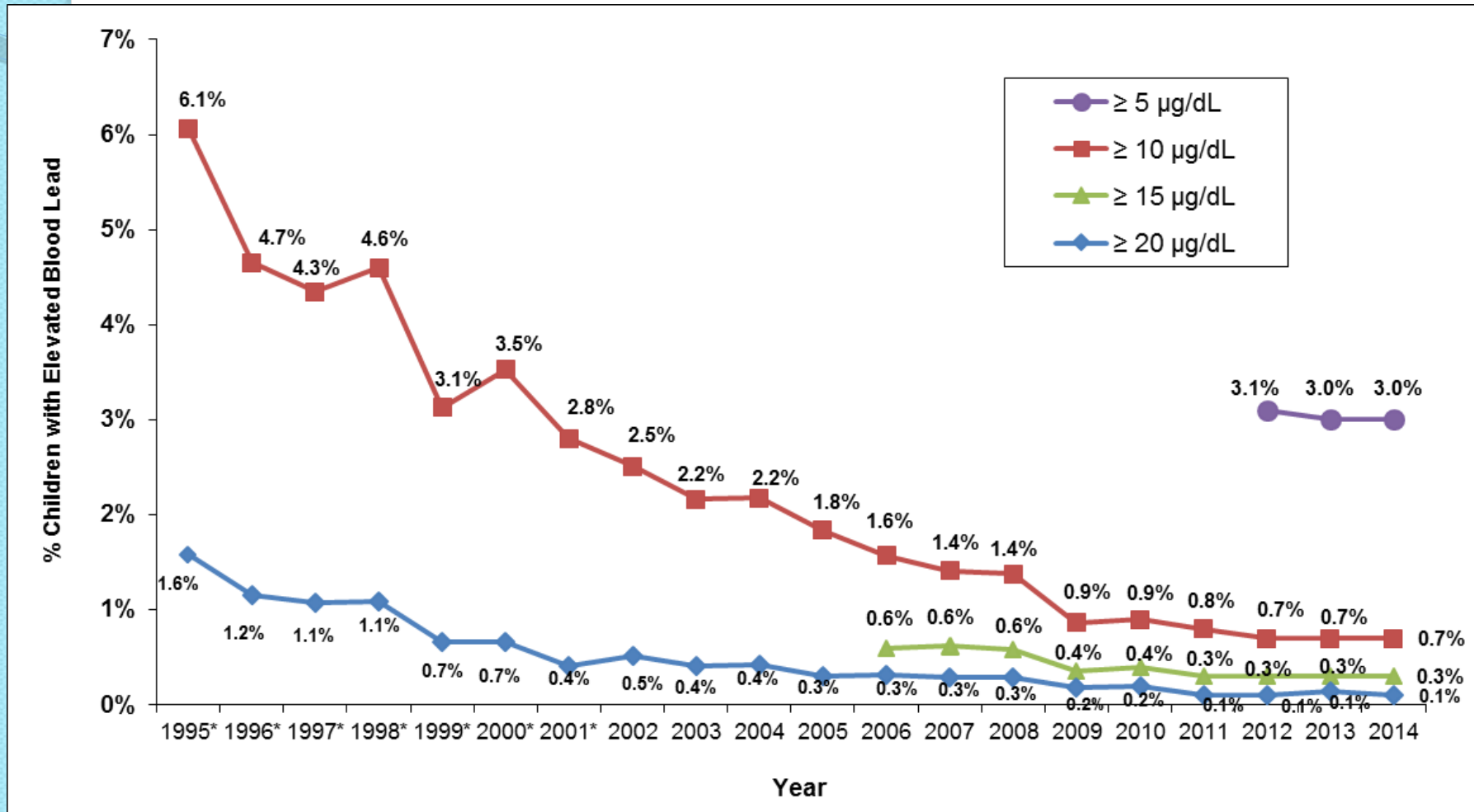
# Prevalence Trends

## Number of children under 6 years of age with lead poisoning, Connecticut 2002-2014

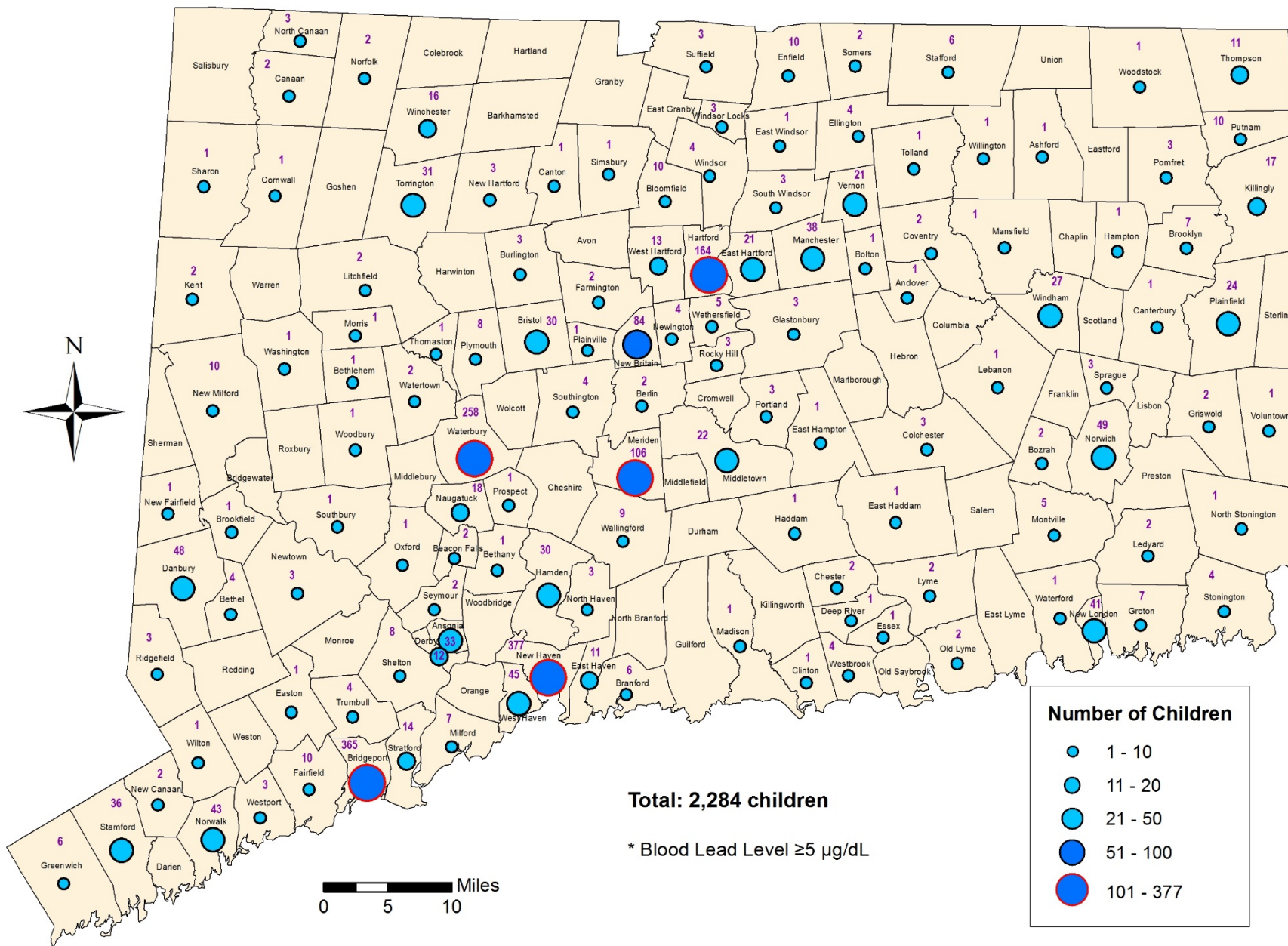




# Prevalence Rate of Childhood Lead Poisoning – Connecticut 1995-2014

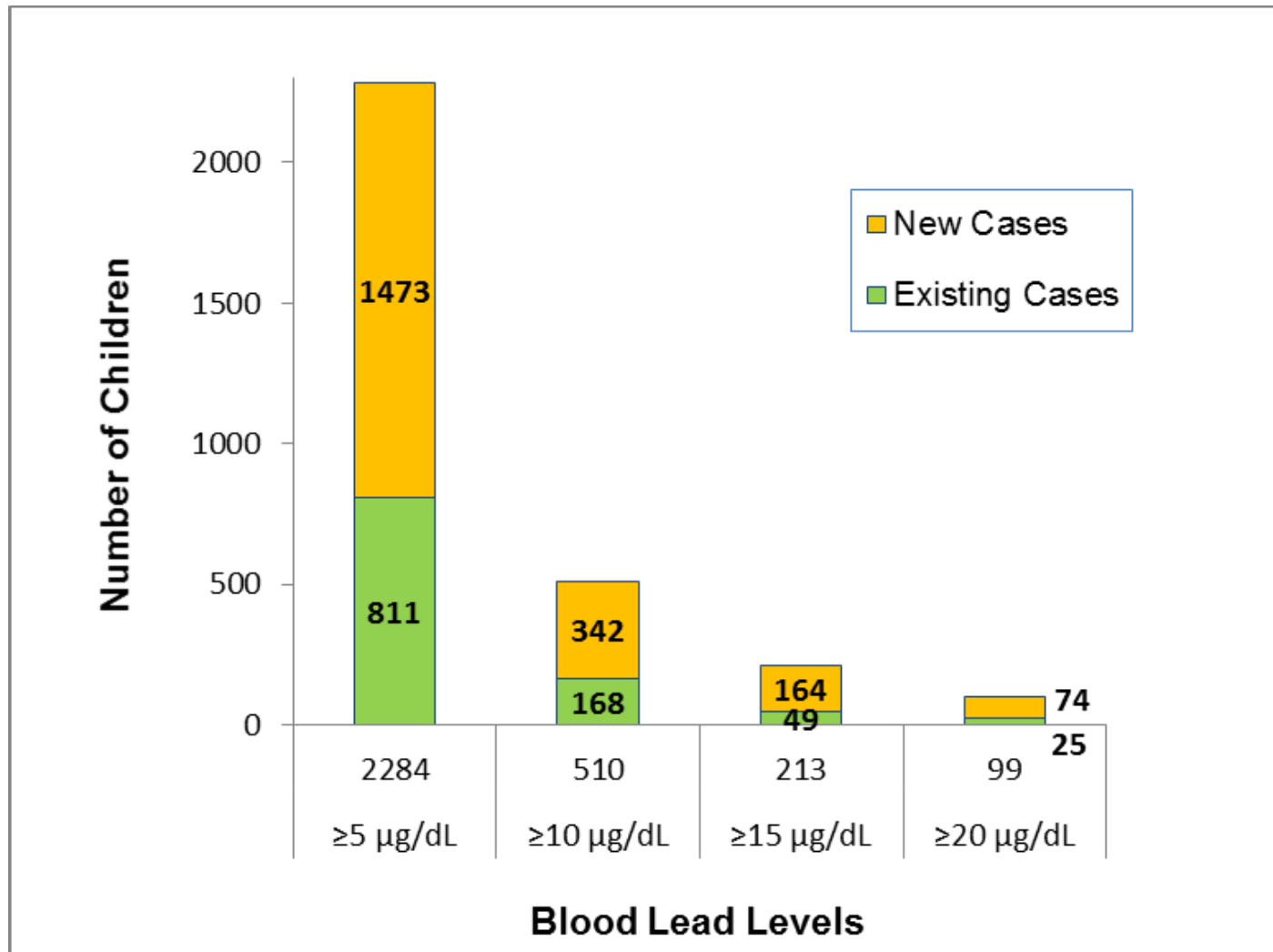


# Number of Lead Poisoned Children\* Under 6 Years Old by Town, Connecticut 2014

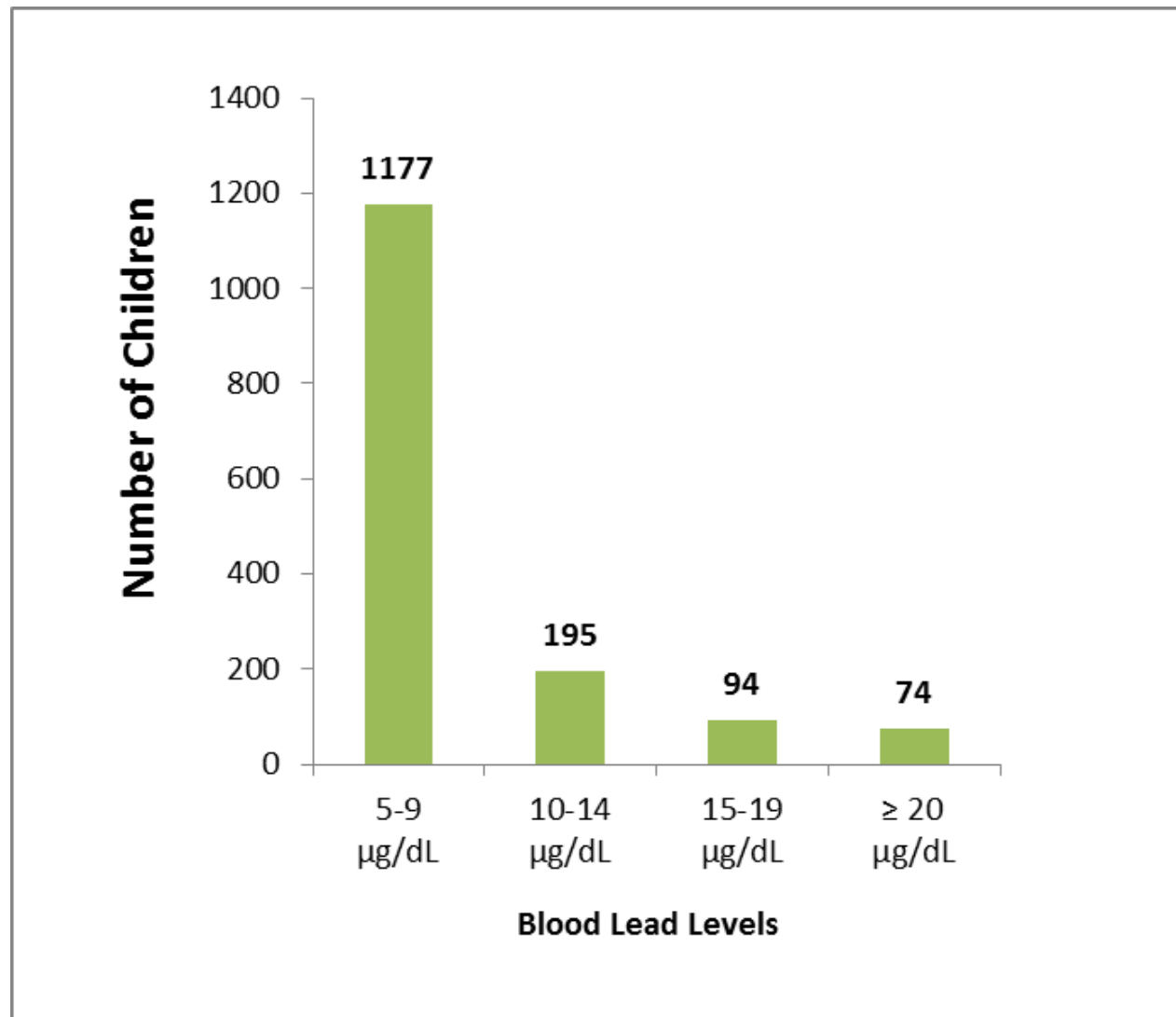




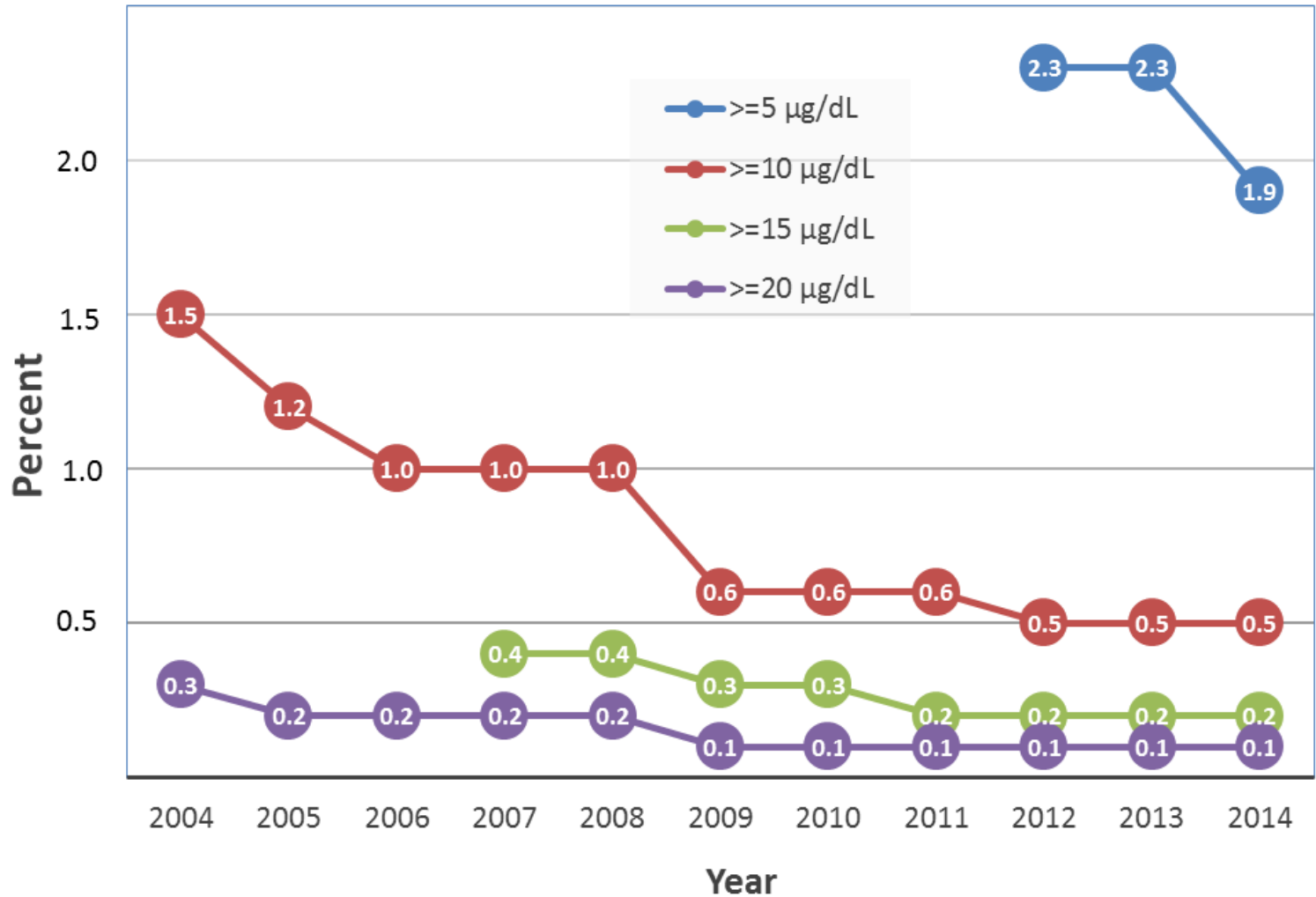
# Number of existing and new cases of lead poisoning among children under 6 years of age, Connecticut CY 2014



# Incidence of lead poisoning by blood lead levels, 2014

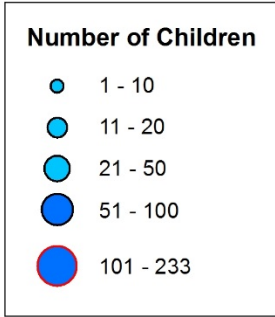
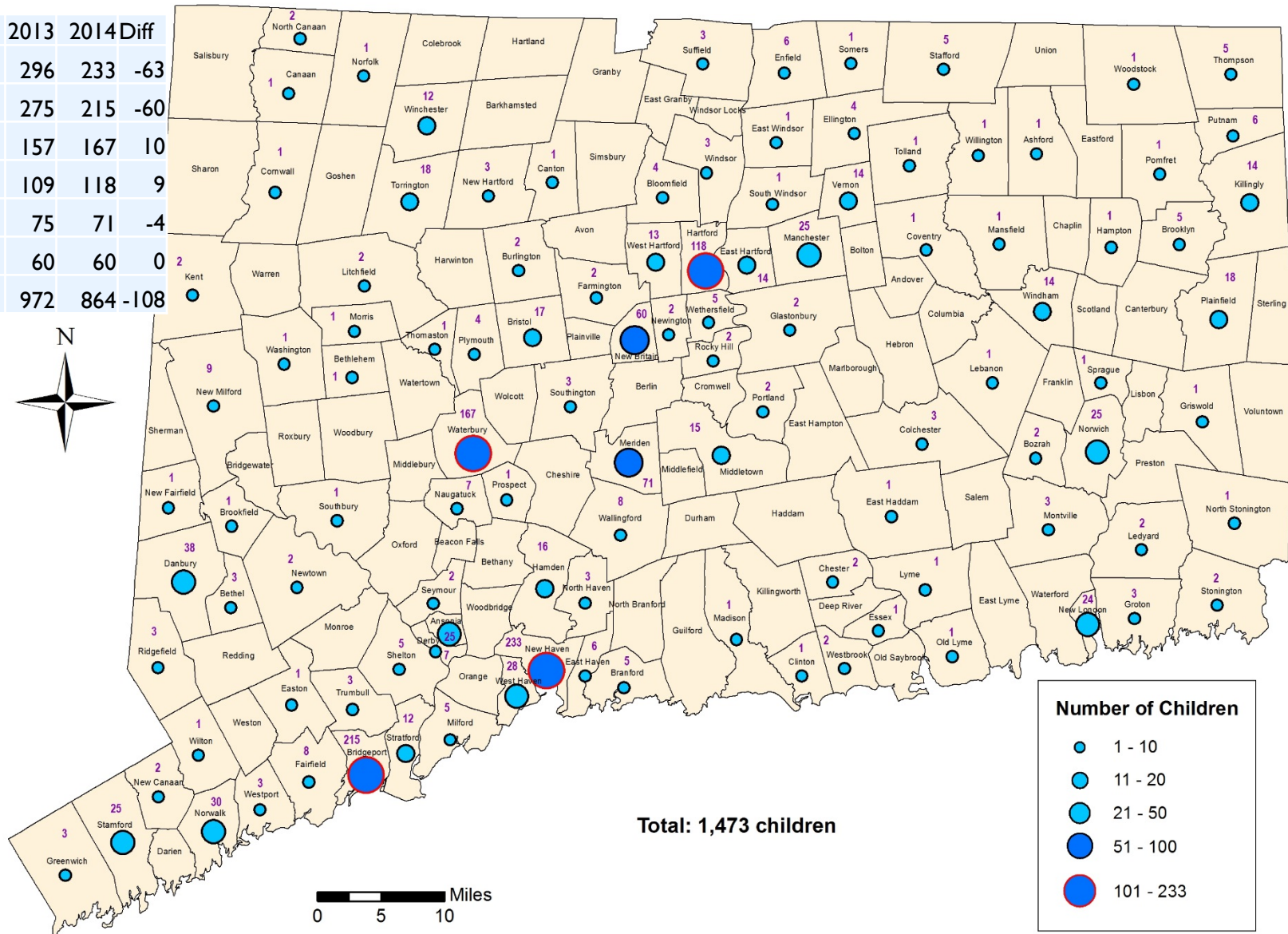


# Incidence Rate of Lead Poisoning among Children under 6 Years of Age 2004-2014



# Number of New Cases $\geq 5 \mu\text{g/dL}$ By Town Among Children Under 6 Years Old Connecticut 2014

	2013	2014	Diff
NEW HAVEN	296	233	-63
BRIDGEPORT	275	215	-60
WATERBURY	157	167	10
HARTFORD	109	118	9
MERIDEN	75	71	-4
NEW BRITAIN	60	60	0
<b>TOTAL</b>	<b>972</b>	<b>864</b>	<b>-108</b>



**Total: 1,473 children**

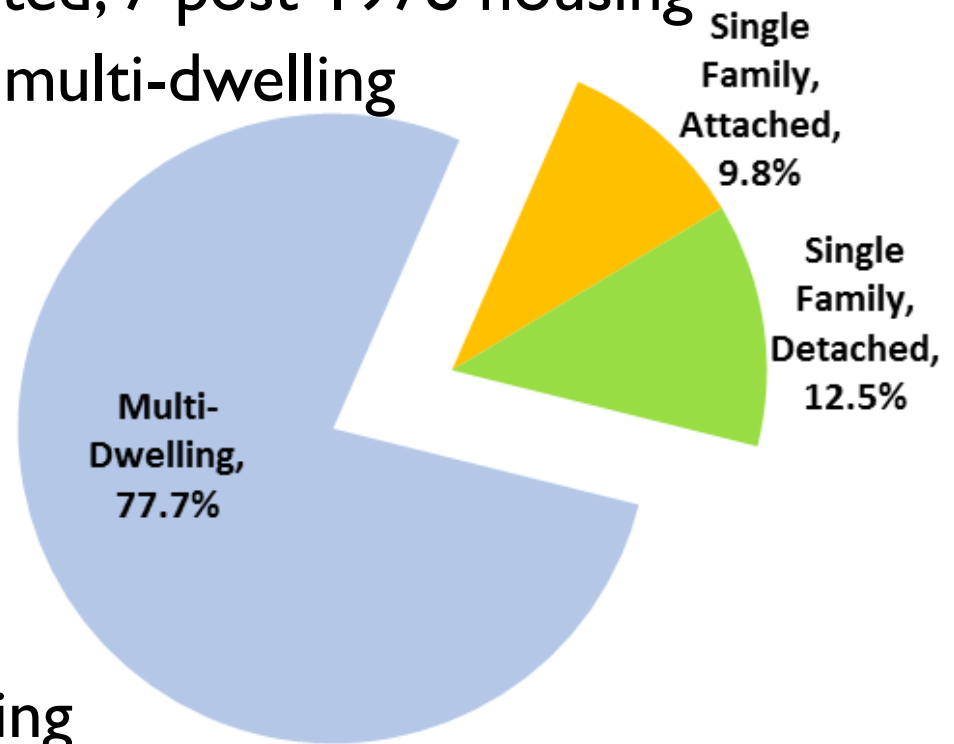






# Environmental Investigations & Dwelling Type

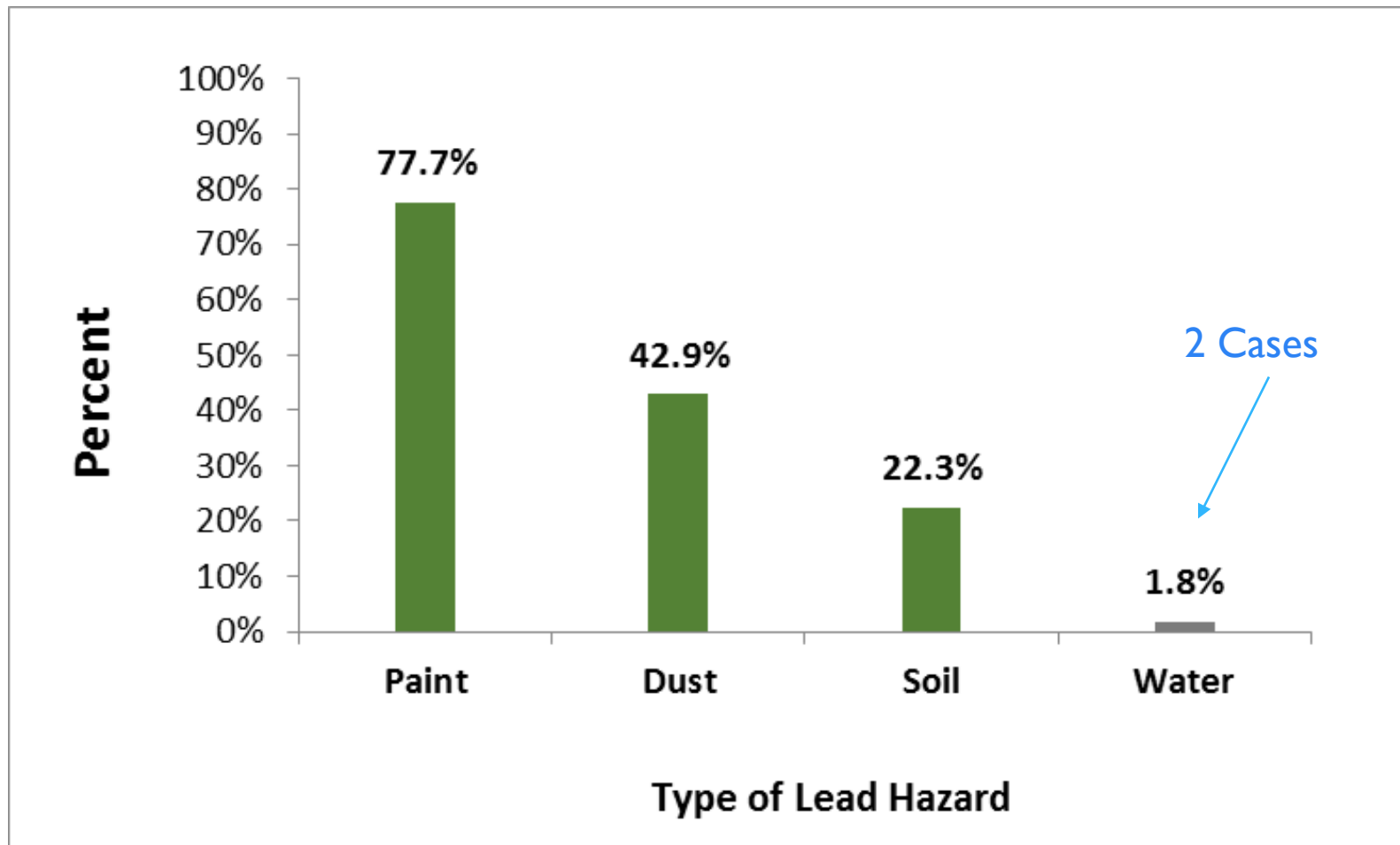
- 120 environmental cases were opened;  
111 were inspected; 7 post-1978 housing
- 87 (77.7%) were multi-dwelling



- 2 Section 8 housing

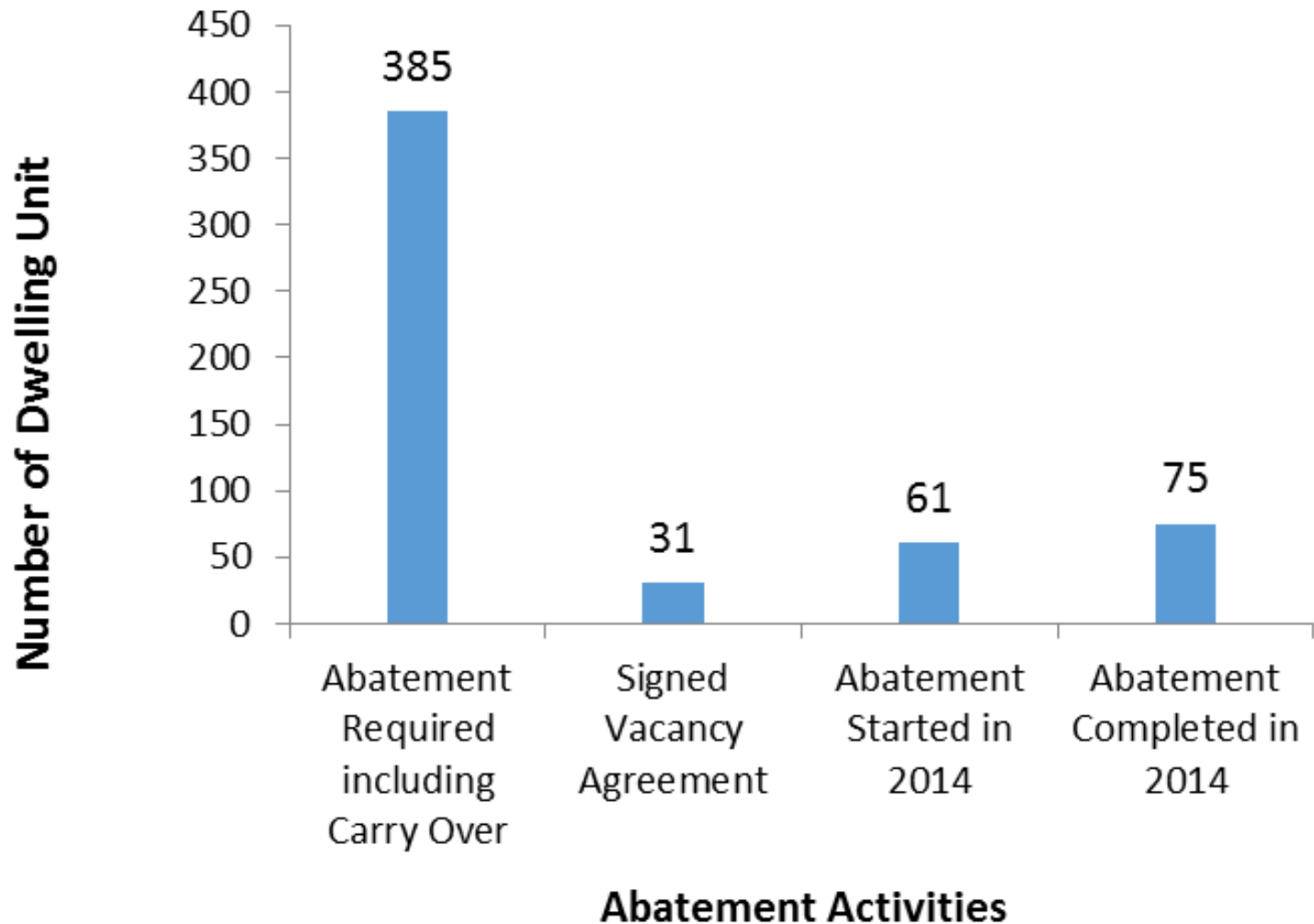
(children who were tested with a venous  $\geq 5$  in 2014 resided at a section 8 dwelling unit)

# Environmental Lead Hazards Identified by Source

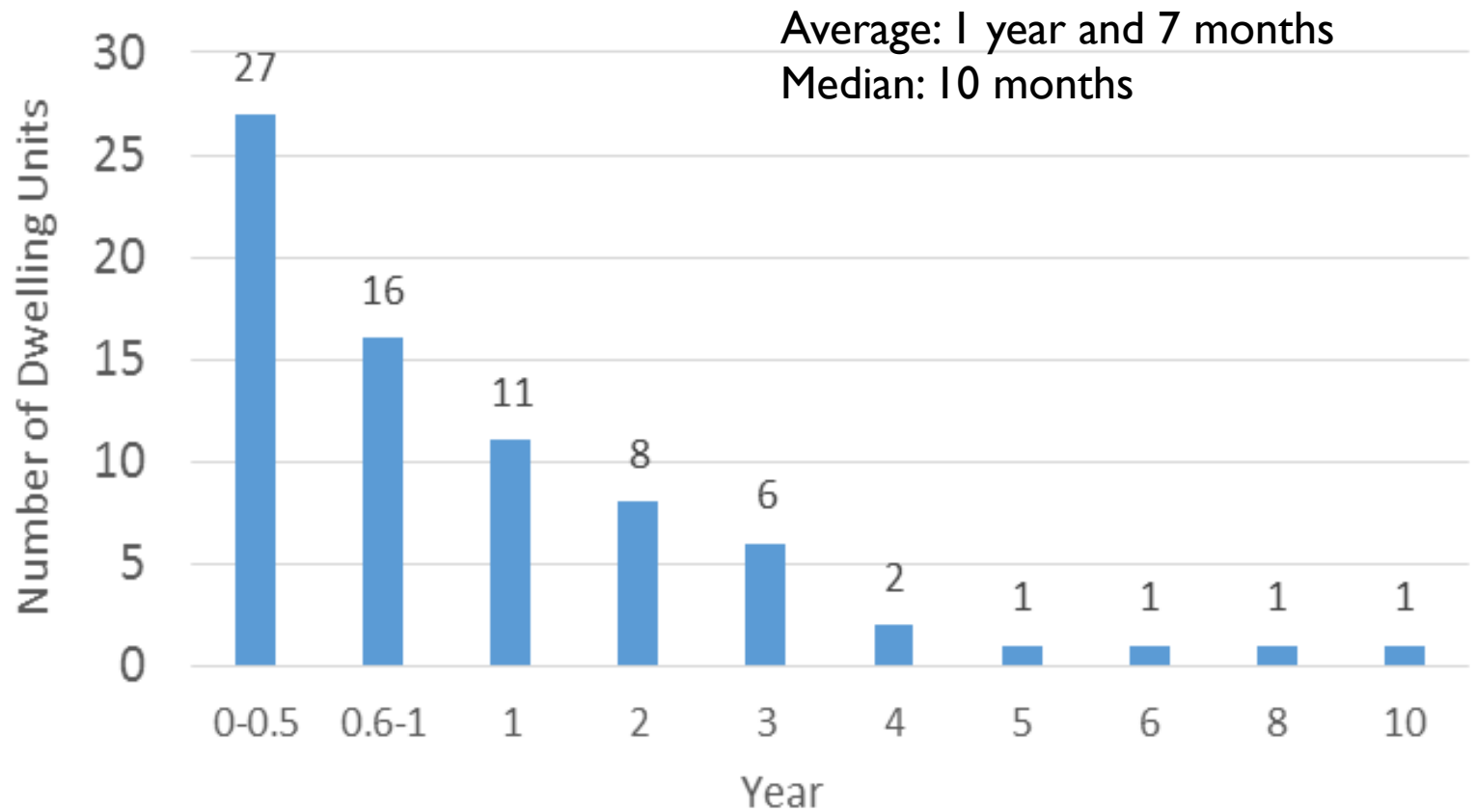


111 dwelling unit inspected

# Abatement activities among dwelling units requiring abatement of lead hazards

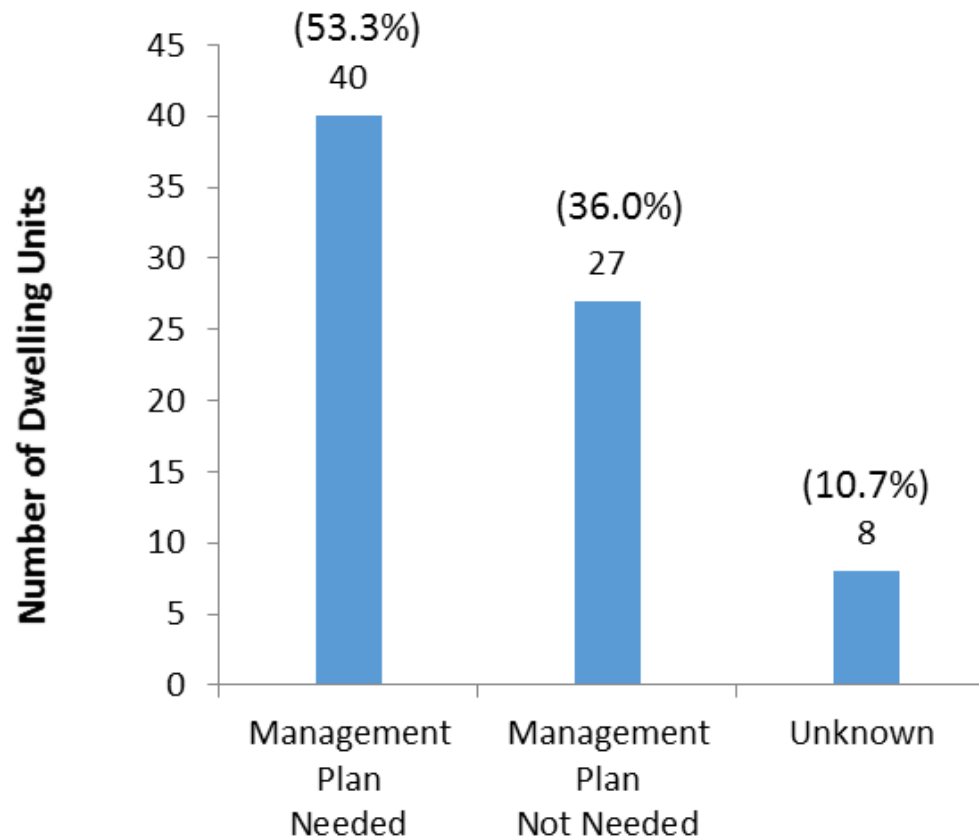


# How long does it take to complete abatement\*



**\*Order issue date to compliance letter issue date**

# Lead management plans among dwelling units where lead abatement was completed in 2014



Post-Abatement Lead Management Plan Activities



