

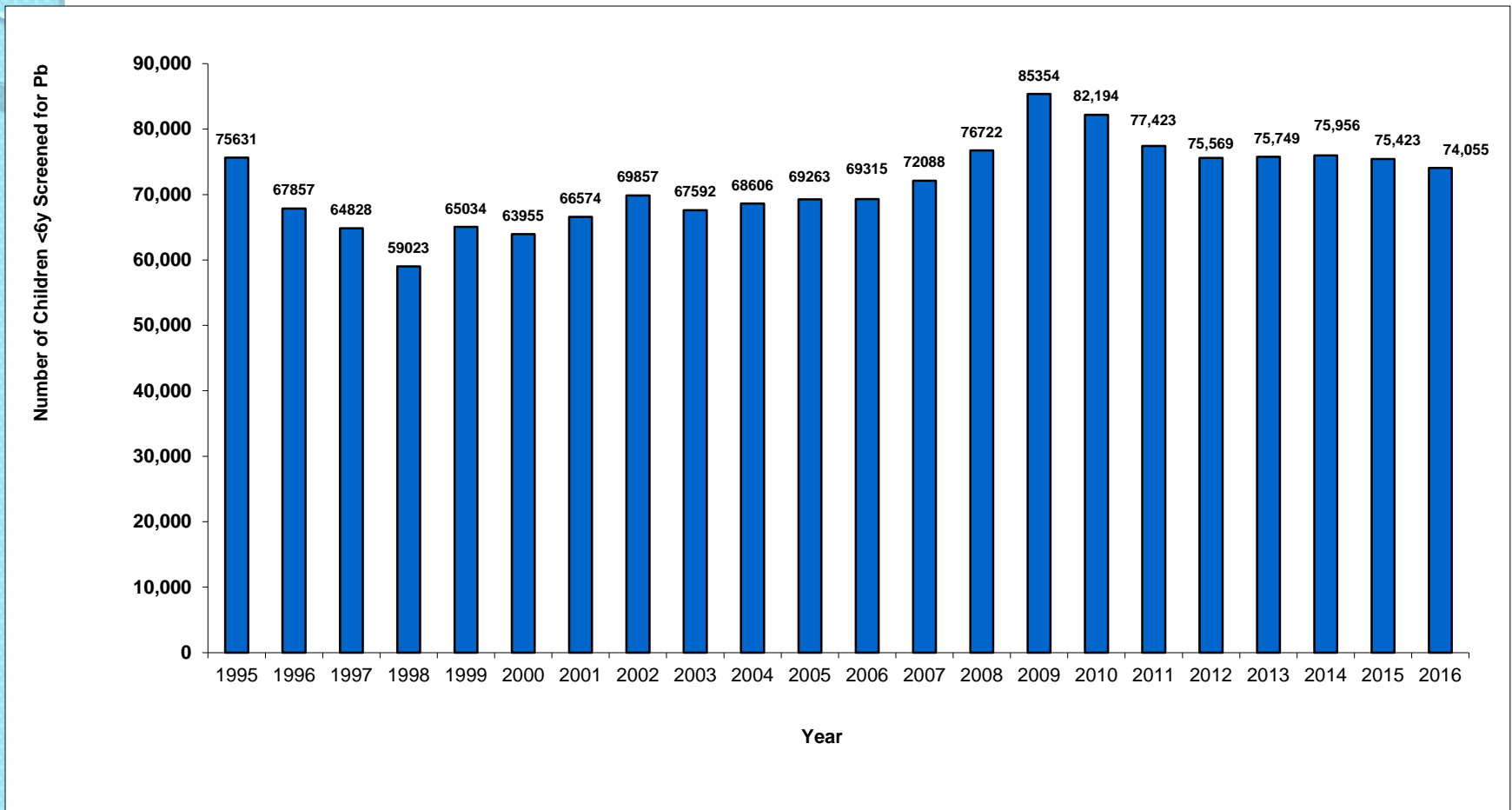
Childhood Lead Poisoning in Connecticut, 2016 Surveillance Data

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Public Health

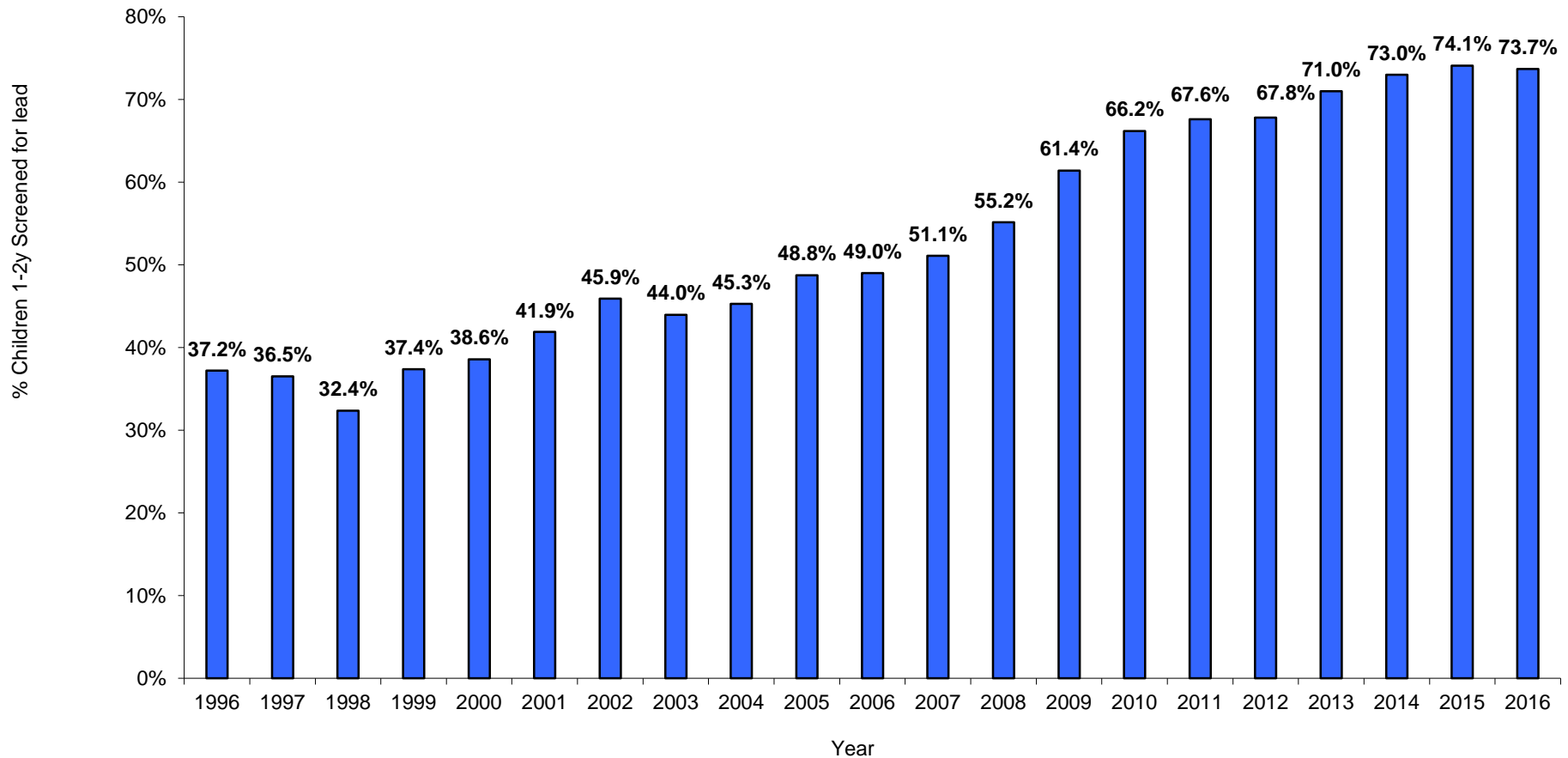


Statewide Screening Children under 6 years of age



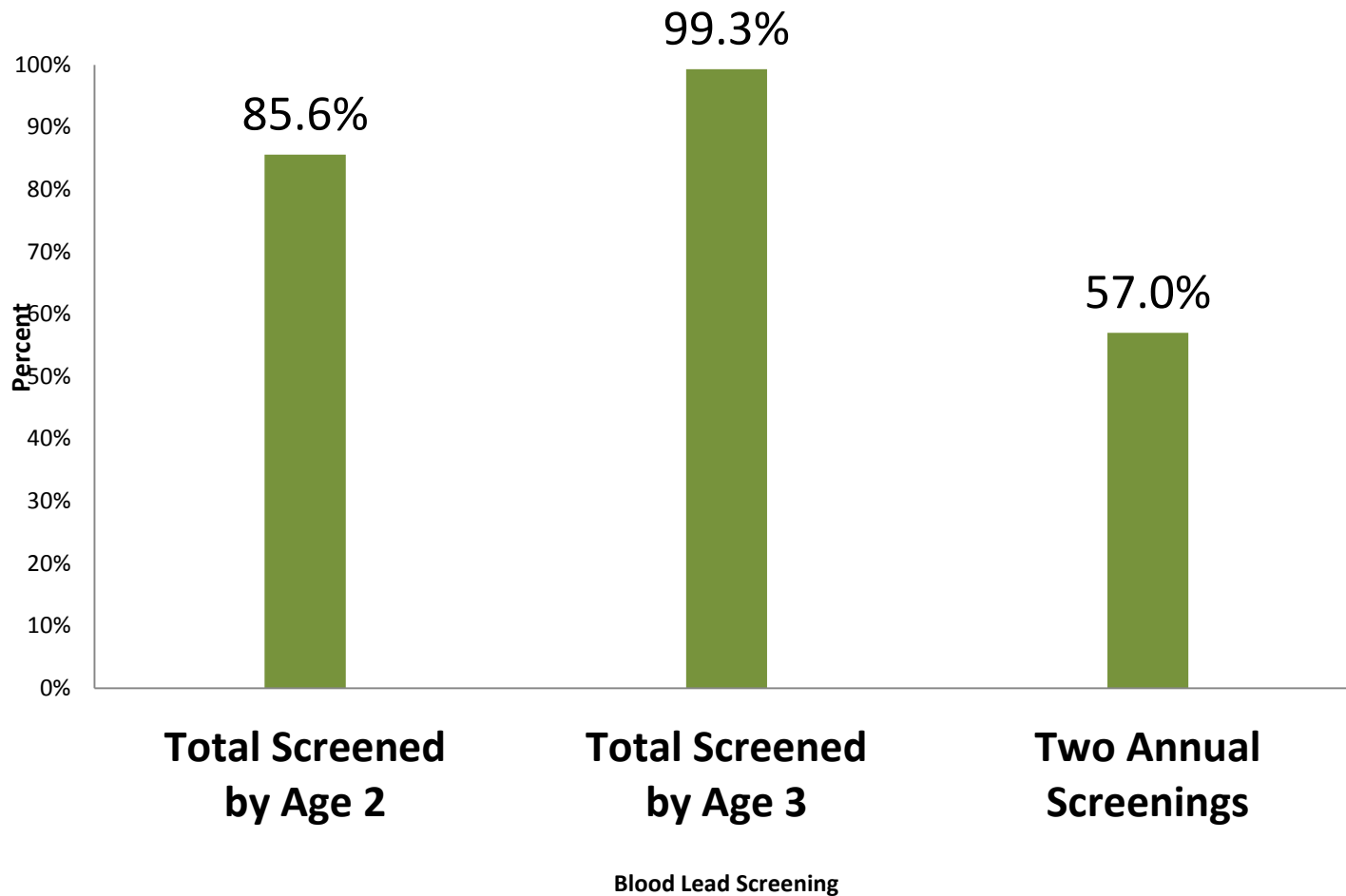
74,055 children under age of 6 were tested in 2016

Statewide Blood Lead Screening 1 and 2 years old

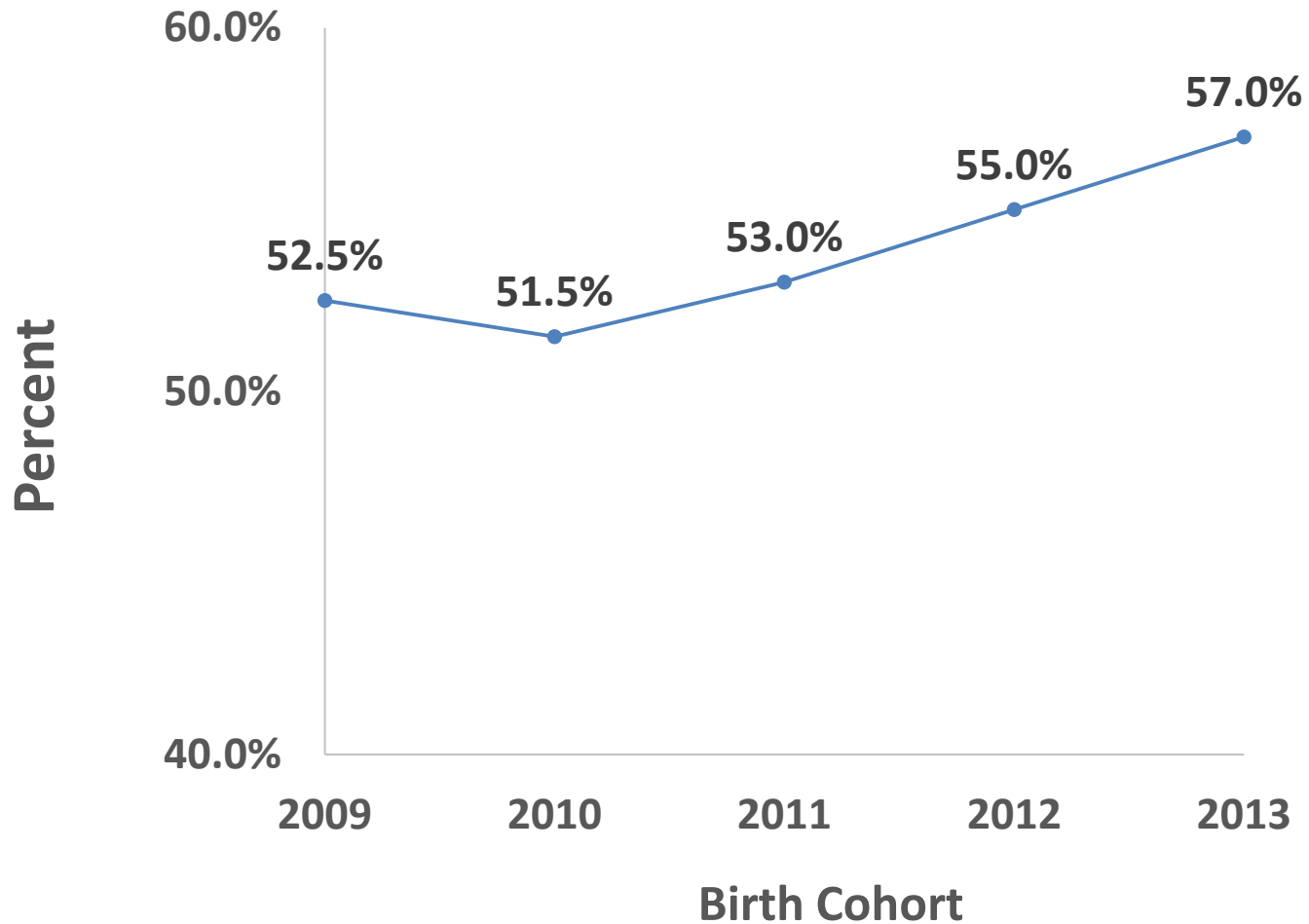


56,079 (73.7%) children between 9 months and 35 months years old were tested for their required annual blood lead testing in 2016

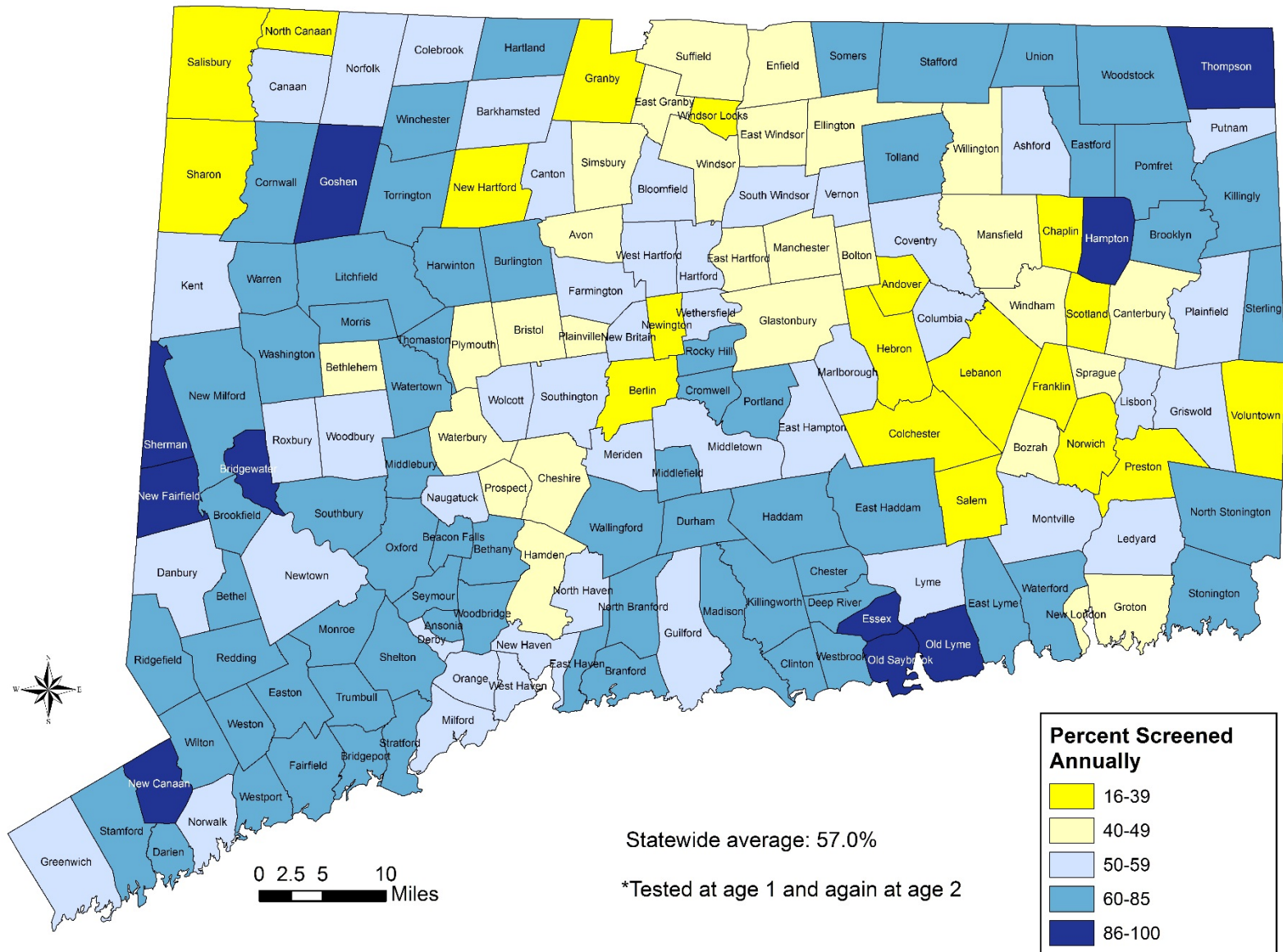
Statewide Blood Lead Screening compliance among birth cohort 2013



Percentage screened for lead annually under age 3 by birth cohort

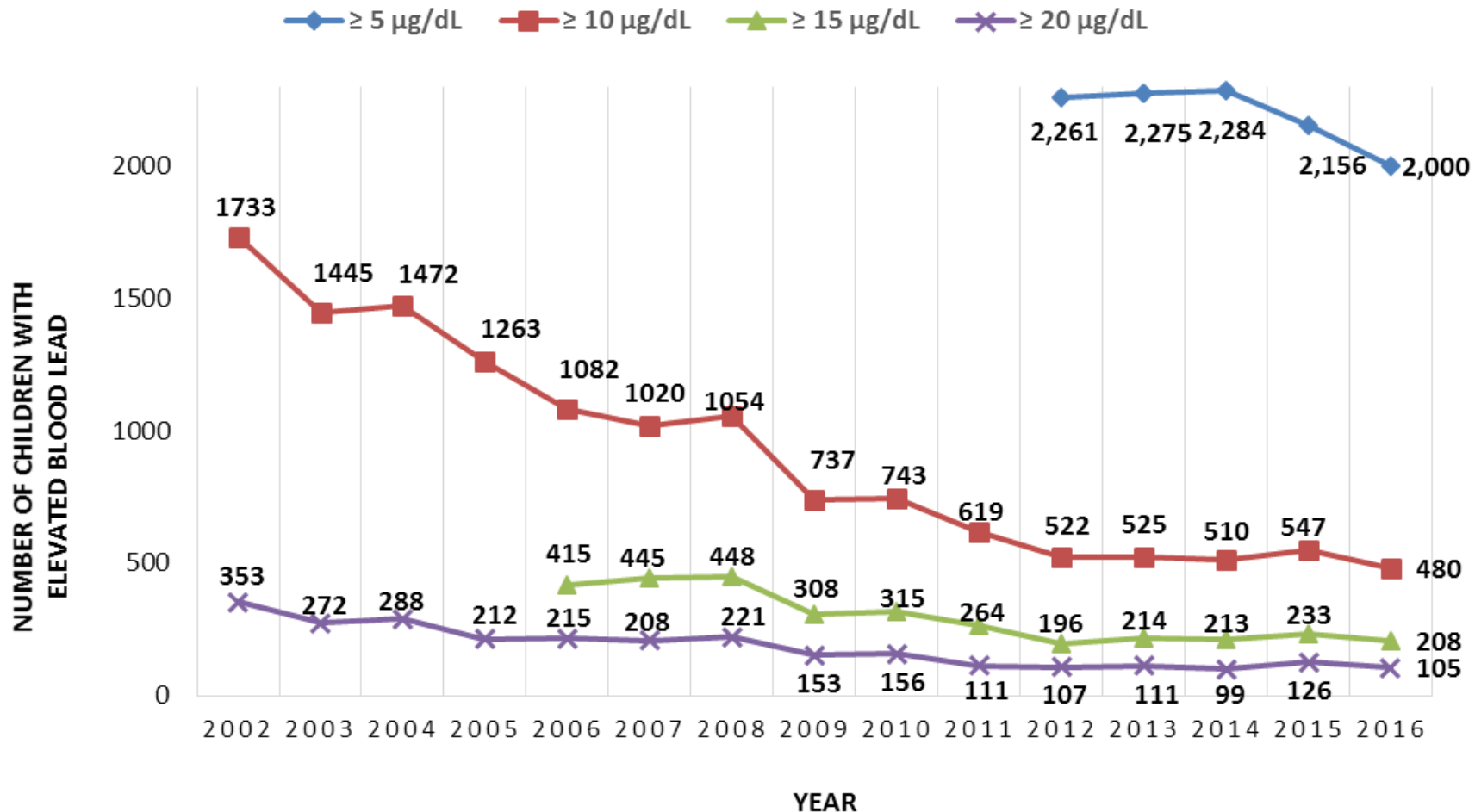


Percentage of Children Who Received Two Annual Lead Tests by Age 3* Connecticut Birth Cohort 2013

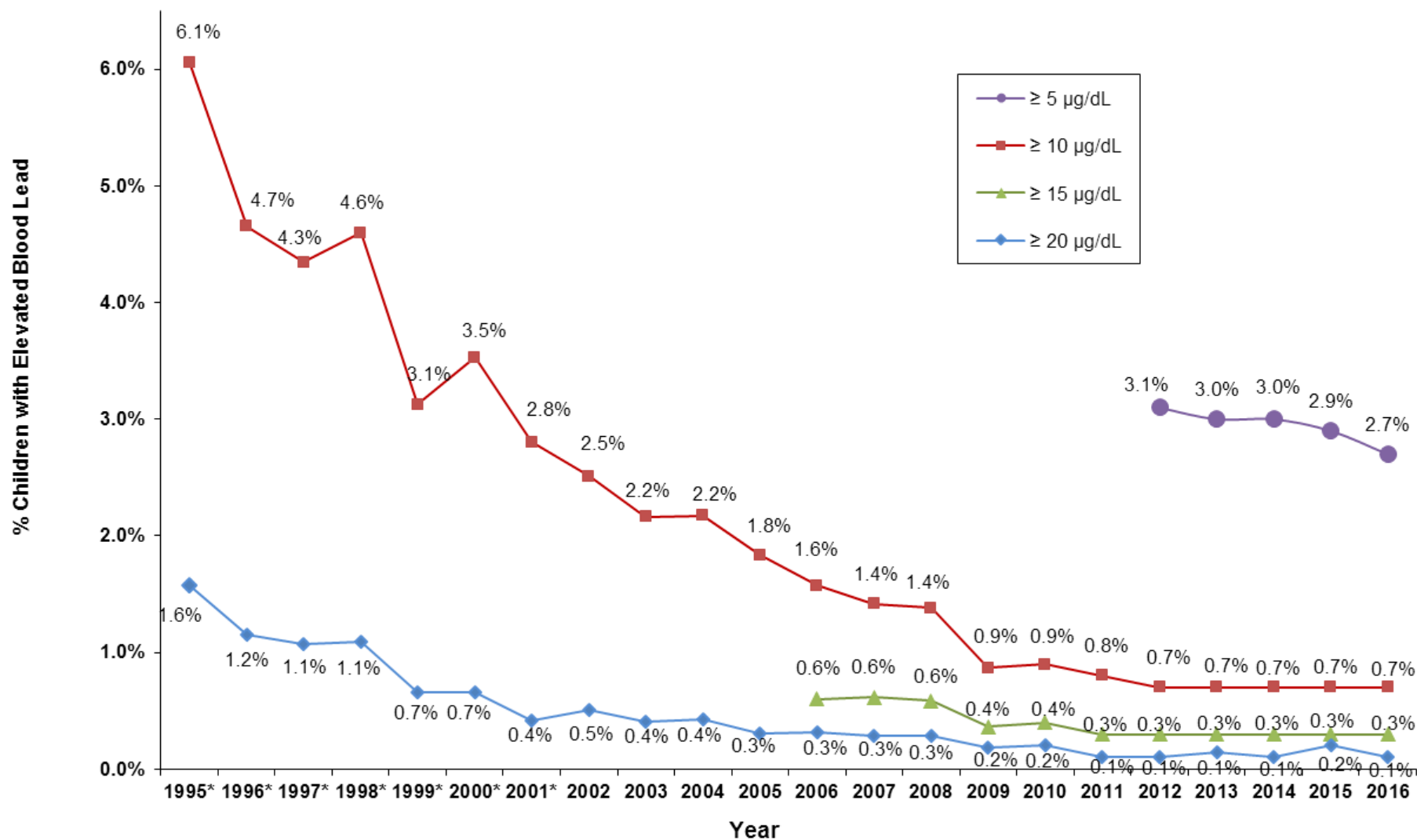


Prevalence Trends

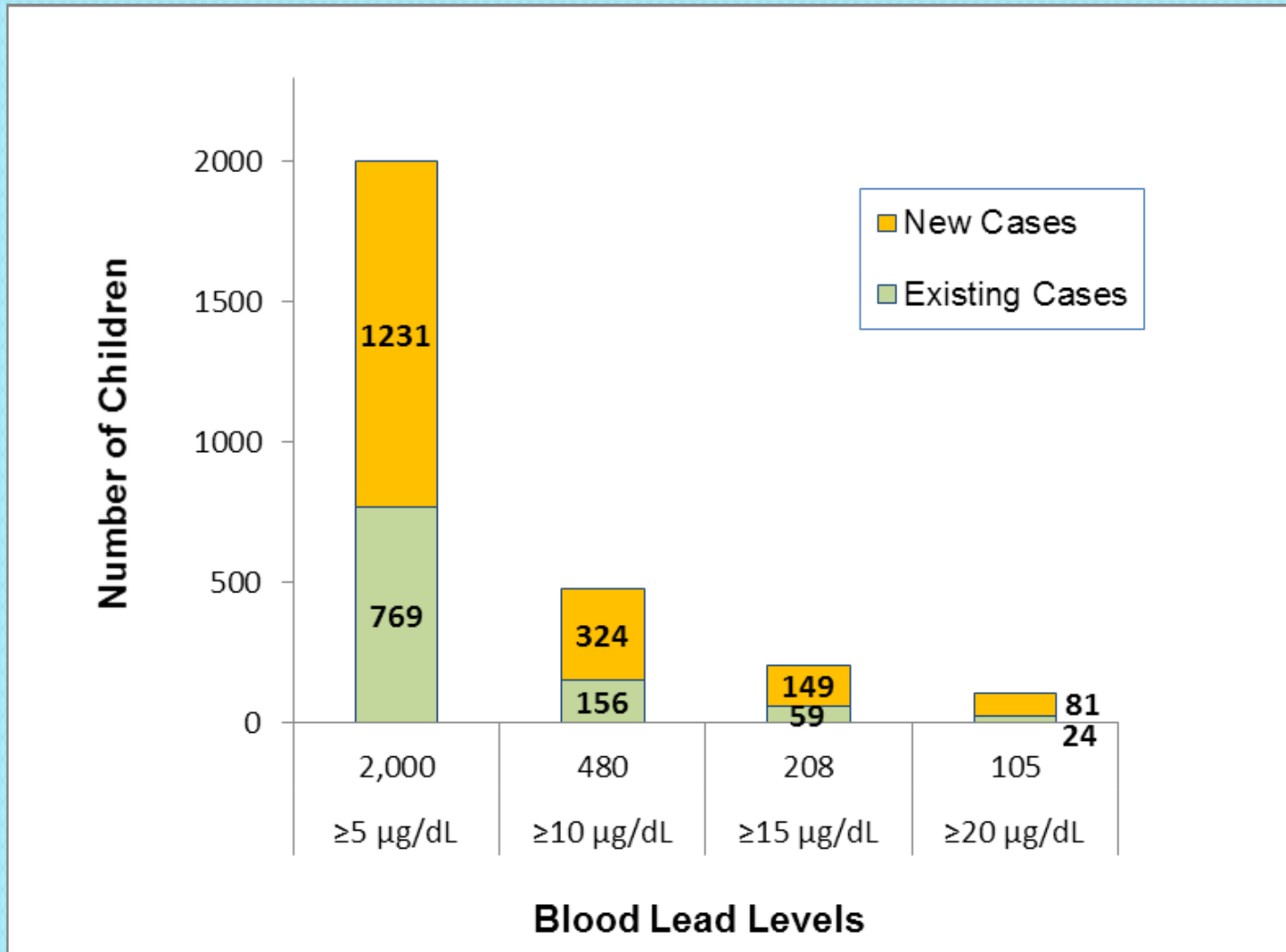
Number of children under 6 years of age with lead poisoning, Connecticut 2002-2016



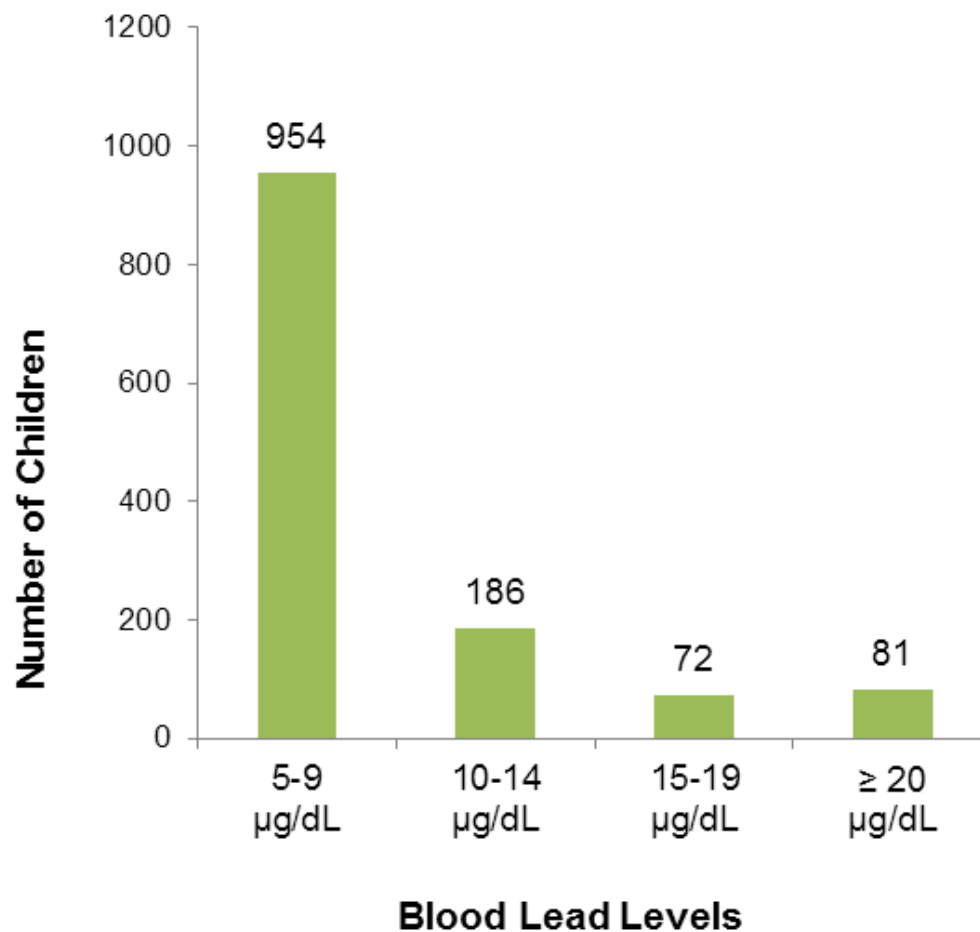
Prevalence Rate of Childhood Lead Poisoning Connecticut 1995-2016



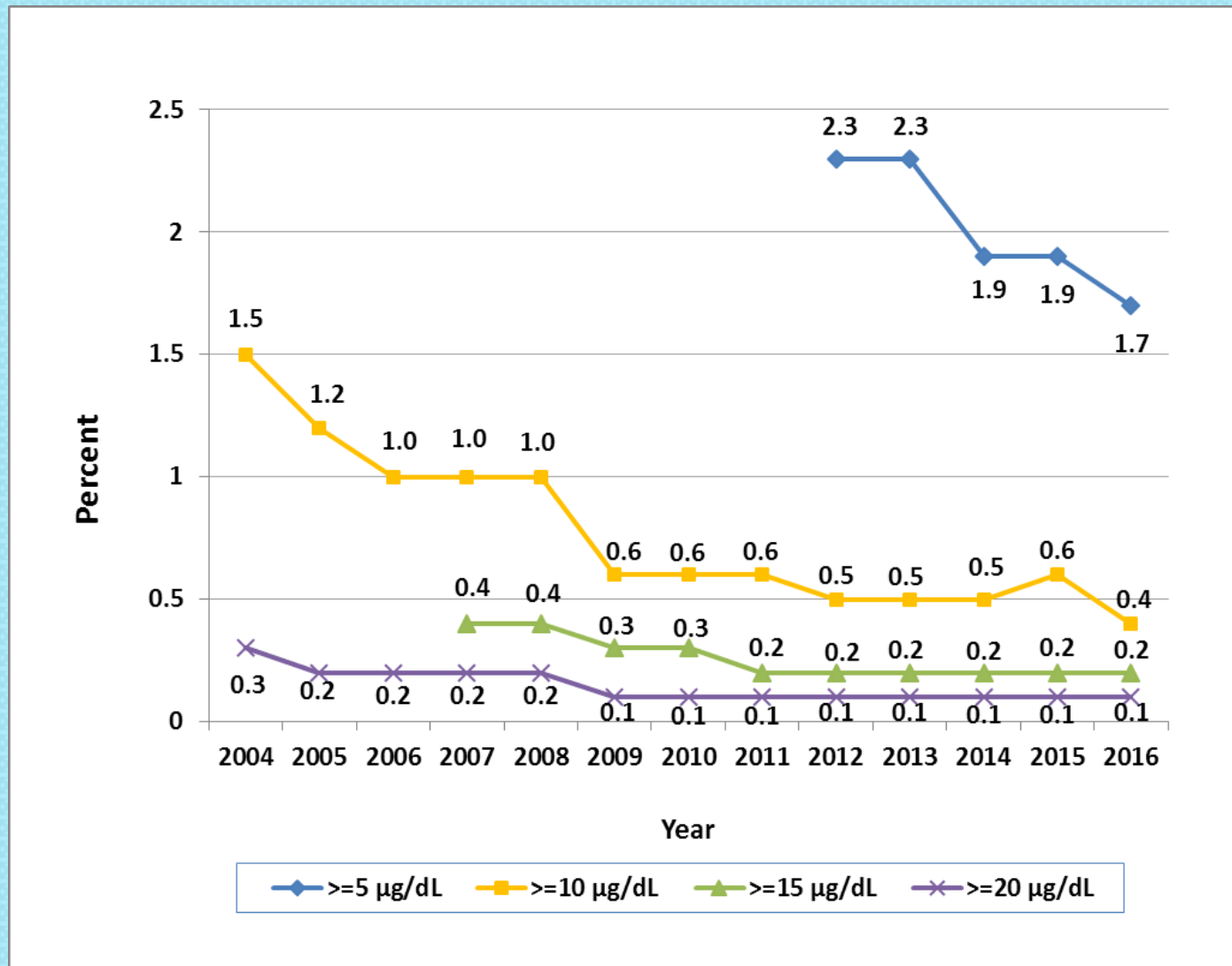
Number of existing and new cases of lead poisoning among children under 6 years of age, Connecticut CY 2016



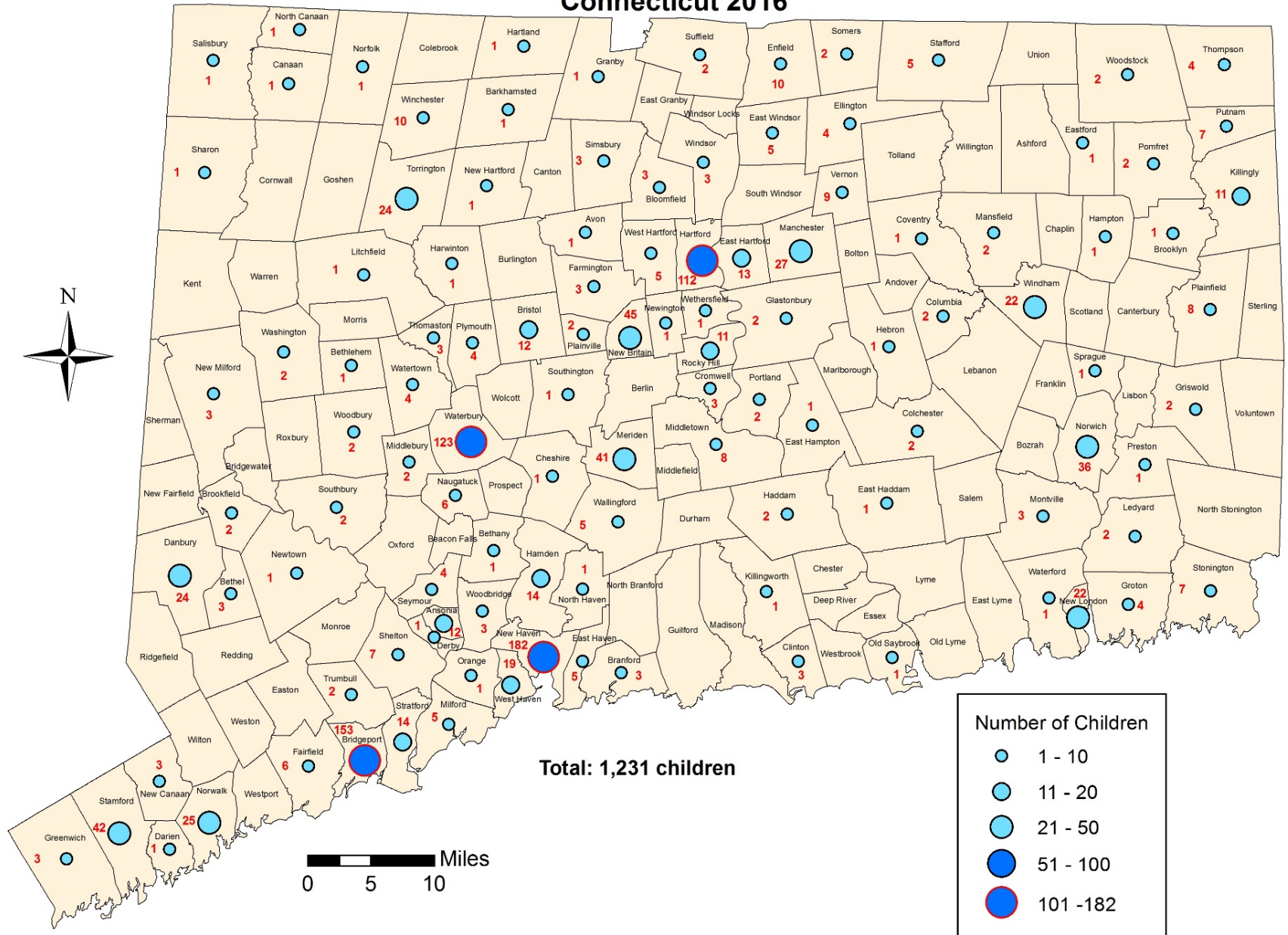
Incidence of lead poisoning by blood lead levels, 2016



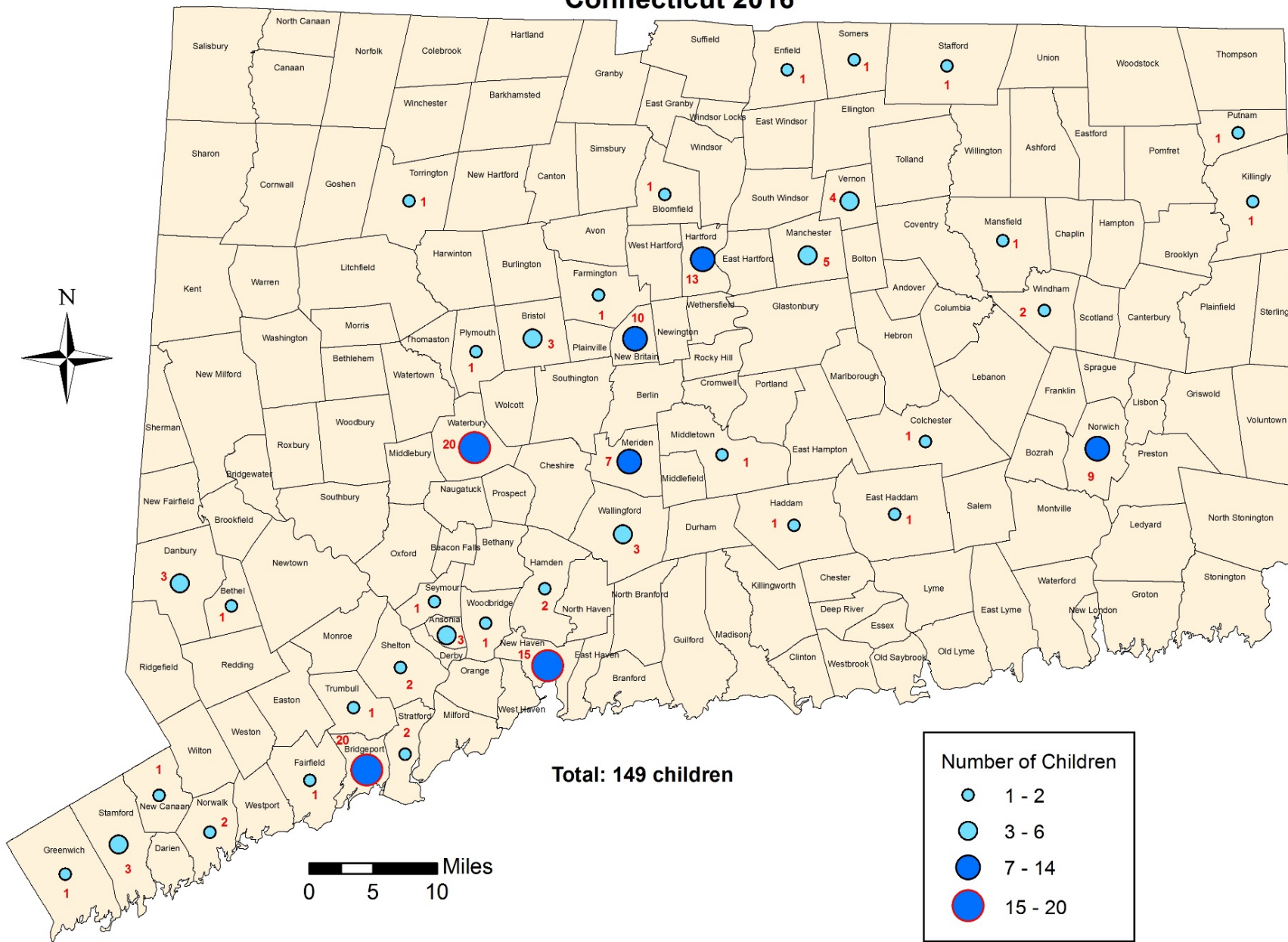
Incidence Rate of Lead Poisoning among Children under 6 Years of Age 2004-2016



Number of New Cases $\geq 5 \mu\text{g/dL}$ By Town Among Children Under 6 Years Old Connecticut 2016

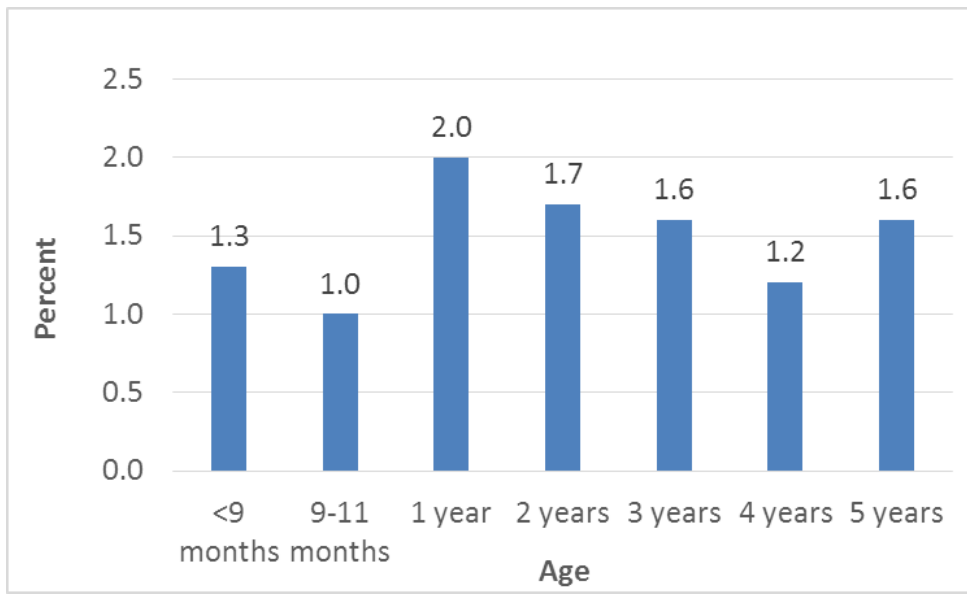
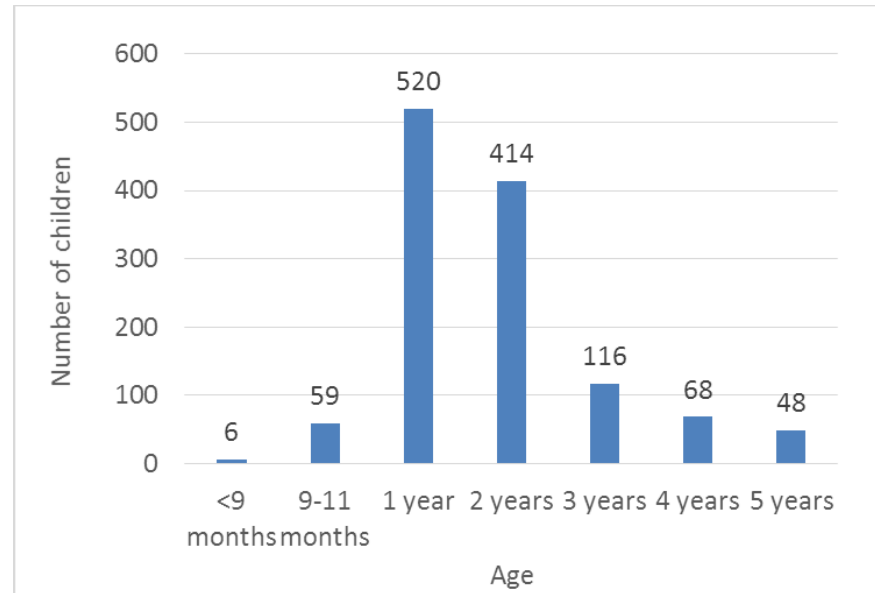


Number of New Cases $\geq 15 \mu\text{g/dL}$ By Town Among Children Under 6 Years Old Connecticut 2016

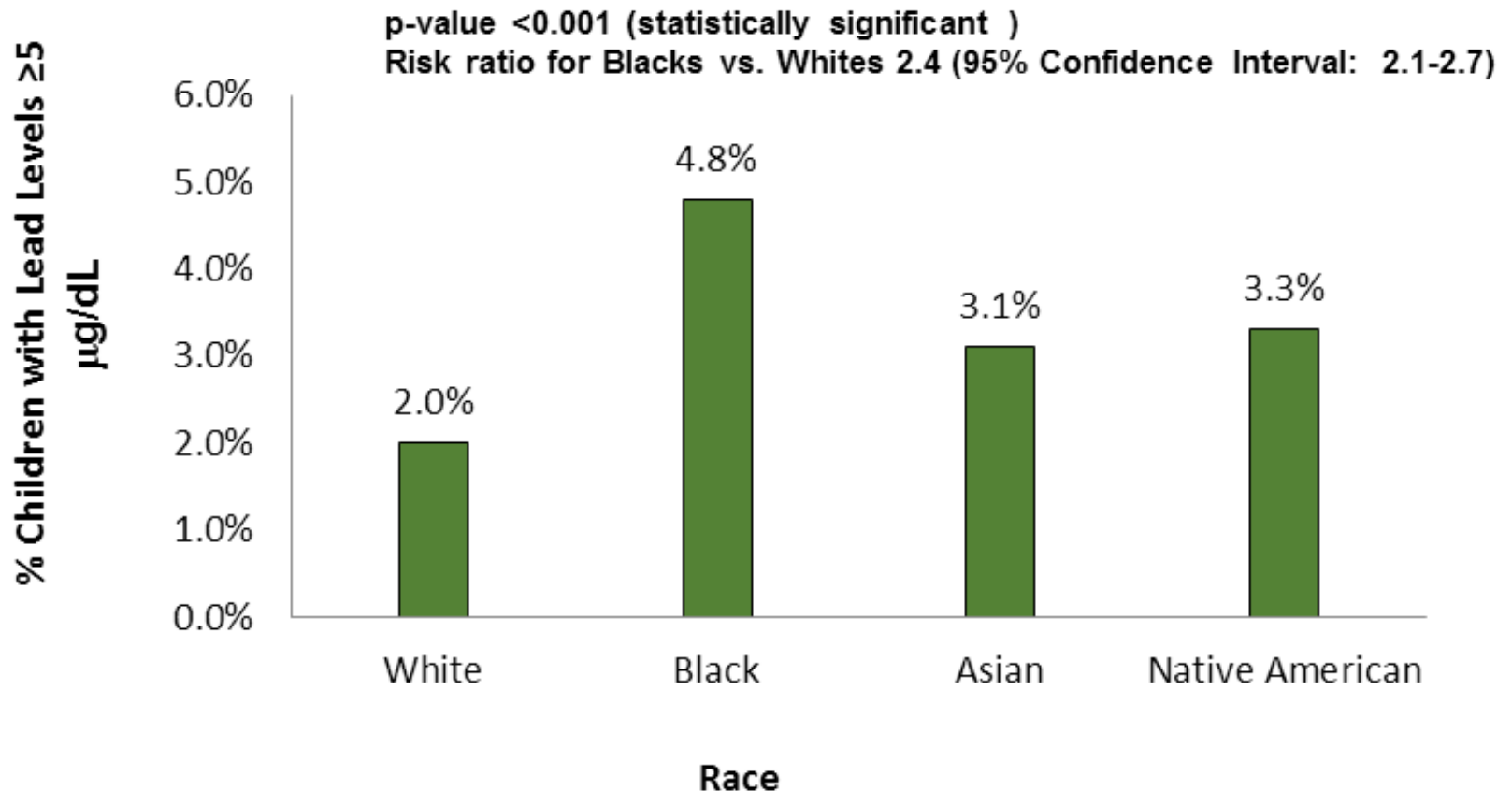


Town	Number of Children
Salisbury	0
North Canaan	0
Canaan	0
Norfolk	0
Colebrook	0
Hartland	0
Suffield	0
Enfield	1
Somers	1
Stafford	1
Union	0
Woodstock	0
Thompson	0
Putnam	1
Sharon	0
Cornwall	0
Goshen	0
Torrington	1
New Hartford	0
Canton	0
Simsbury	0
Windsor	0
East Windsor	0
Ellington	0
Tolland	0
Willington	0
Ashford	0
Eastford	0
Pomfret	0
Killingly	1
West Hartford	13
East Hartford	5
Manchester	4
South Windsor	0
Vernon	0
Coventry	0
Mansfield	1
Chaplin	0
Hampton	0
Brooklyn	0
Kent	0
Warren	0
Litchfield	0
Harwinton	0
Burlington	0
Farmington	0
Bristol	3
Plainville	1
New Britain	10
Rocky Hill	0
Wethersfield	0
Glastonbury	0
Andover	0
Columbia	0
Windham	2
Scotland	0
Canterbury	0
Plainfield	0
Sterling	0
Washington	0
Morris	0
Bethlehem	0
Thomaston	0
Plymouth	1
Southington	0
Wolcott	0
Berlin	0
Cromwell	0
Portland	0
Marlborough	0
Hebron	0
Columbia	0
Lebanon	0
Franklin	0
Sprague	0
Lisbon	0
Griswold	0
Voluntown	0
New Milford	0
Bridgewater	0
Waterbury	20
Cheshire	0
Middletown	1
East Hampton	0
Colchester	1
Bozrah	0
Norwich	9
Preston	0
Sherman	0
Roxbury	0
Woodbury	0
Middlebury	0
Waterbury	0
Wolcott	0
Cheshire	0
Meriden	7
Middletown	0
East Hampton	0
Colchester	0
Bozrah	0
Norwich	0
Preston	0
New Fairfield	0
Brookfield	0
Southbury	0
Naugatuck	0
Prospect	0
Wallingford	3
Durham	0
Haddam	1
East Haddam	1
Salem	0
Montville	0
Ledyard	0
North Stonington	0
Danbury	3
Bethel	1
Newtown	0
Oxford	0
Bacon Falls	0
Bethany	0
Hamden	0
North Branford	0
Killingworth	0
Chester	0
Lyme	0
Waterford	0
Groton	0
Stonington	0
Ridgefield	0
Redding	0
Easton	0
Trumbull	1
Shelton	0
Seymour	1
Ansonia	3
Woodbridge	1
North Haven	2
North Branford	0
Killingworth	0
Chester	0
Lyme	0
Waterford	0
Groton	0
Stonington	0
Greenwich	1
Stamford	3
New Canaan	1
Norwalk	2
Westport	1
Weston	0
Fairfield	1
Bridgeport	20
Stratford	2
Milford	1
West Haven	0
East Haven	0
Guilford	0
Madison	0
Clinton	0
Westbrook	0
Old Saybrook	0
Old Lyme	0

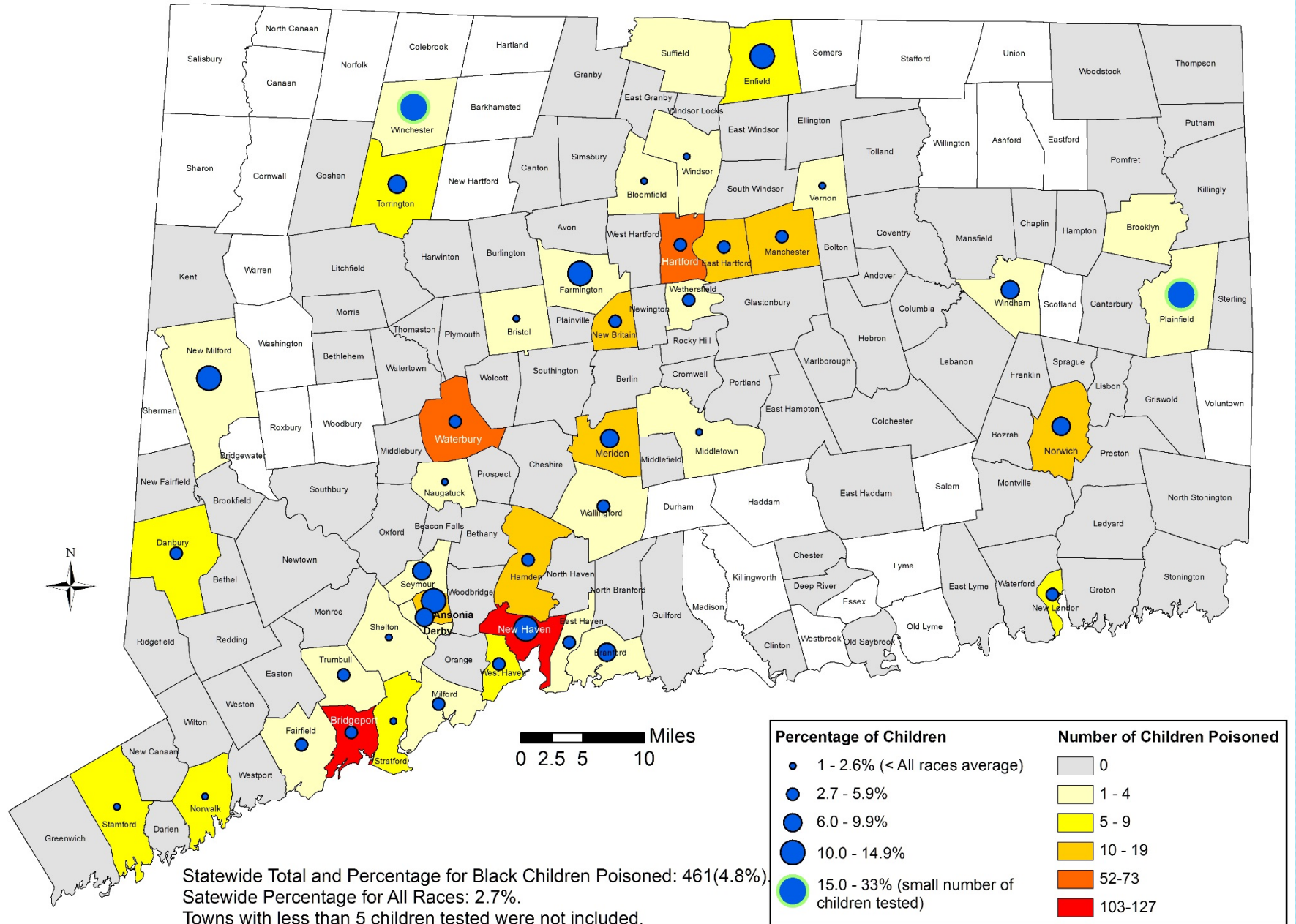
Age of children when first identified as lead poisoned – Number and Percentage of new cases of lead poisoning among children under 6 years of age



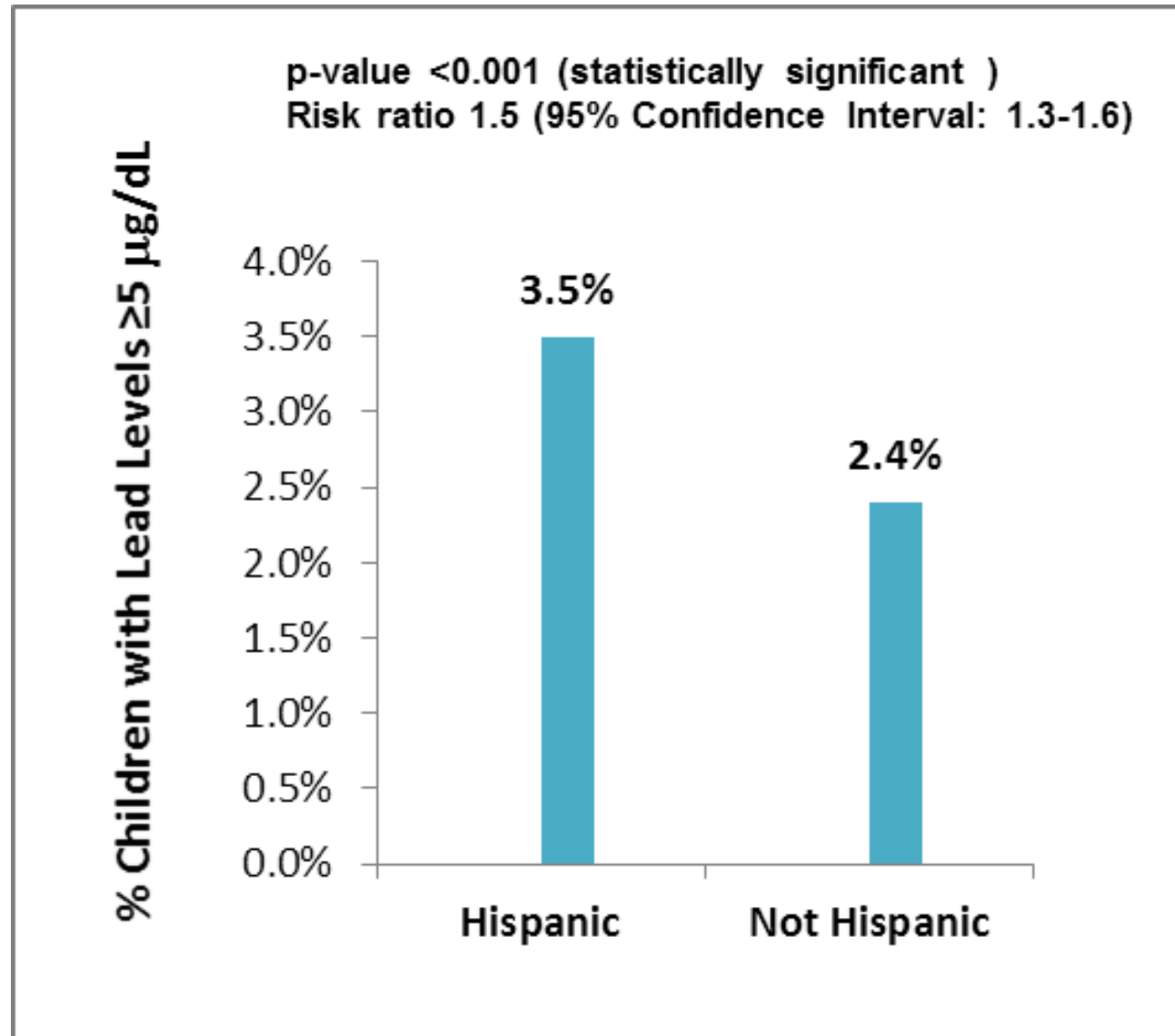
Percentage of children under 6 years of age with a blood lead level $\geq 5 \mu\text{g/dL}$, by race – Connecticut CY 2016



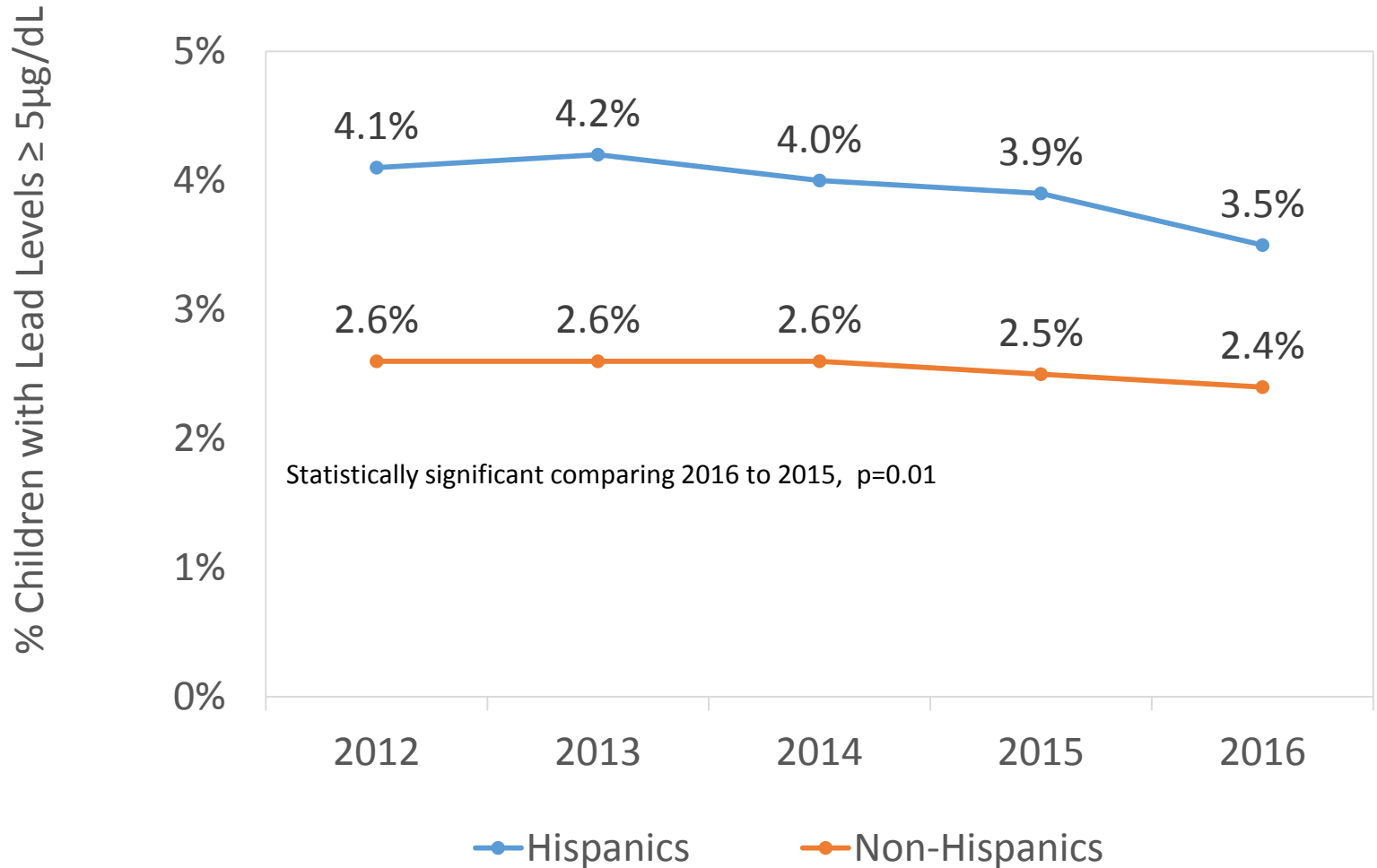
Number and Percentage of Black Children Lead Poisoned Under Age 6, Connecticut 2016



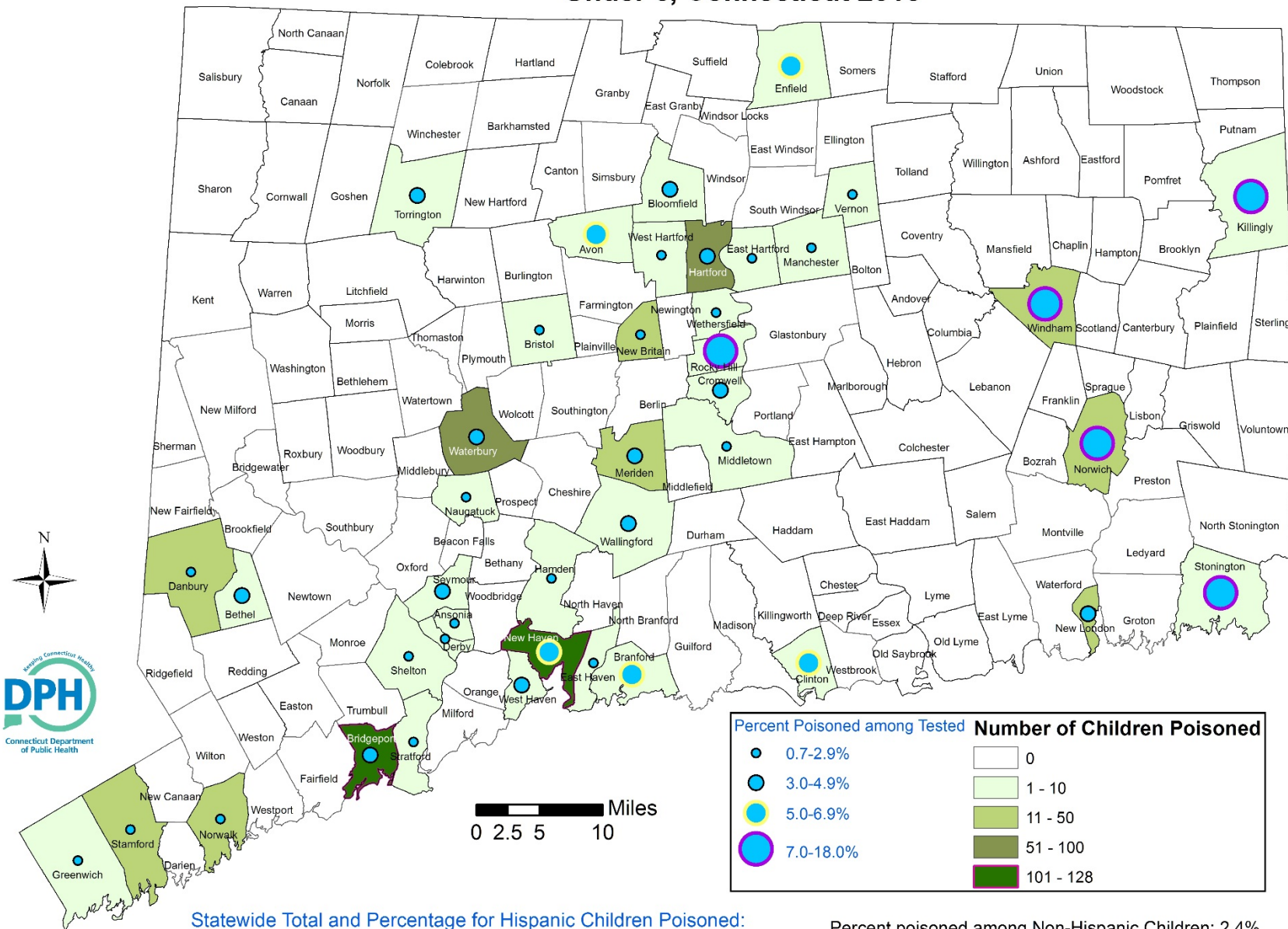
Percentage of children under 6 years of age with a blood lead level $\geq 5 \mu\text{g/dL}$, by ethnicity – Connecticut CY 2016



Trend of lead poisoning among children under 6 years of age, by ethnicity, Connecticut 2012-2016



Number and Percentage of Hispanic Children Lead Poisoned Under 6, Connecticut 2016

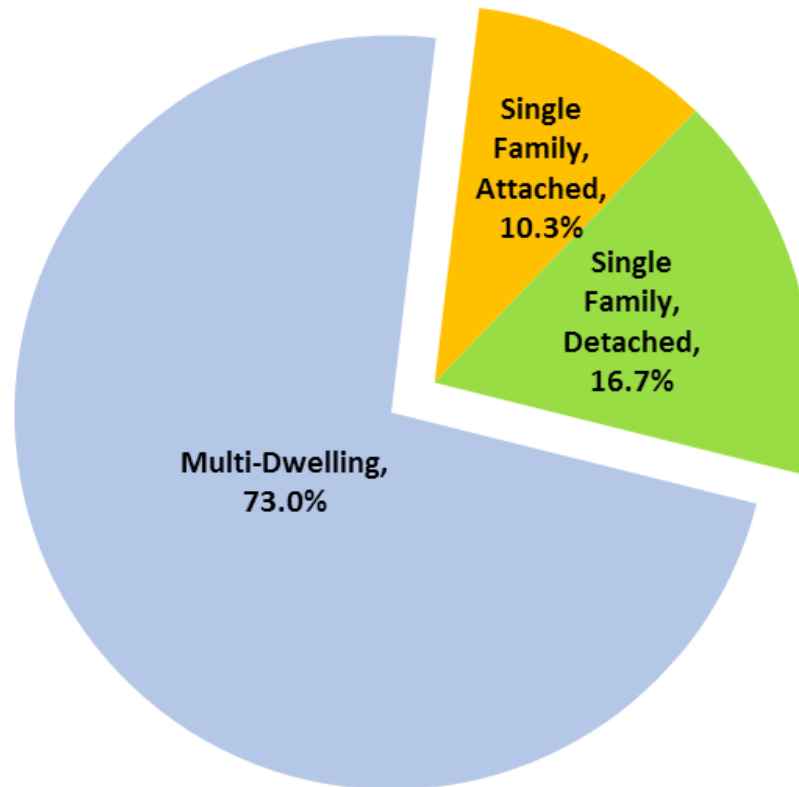


Statewide Total and Percentage for Hispanic Children Poisoned:
656 (3.5%)

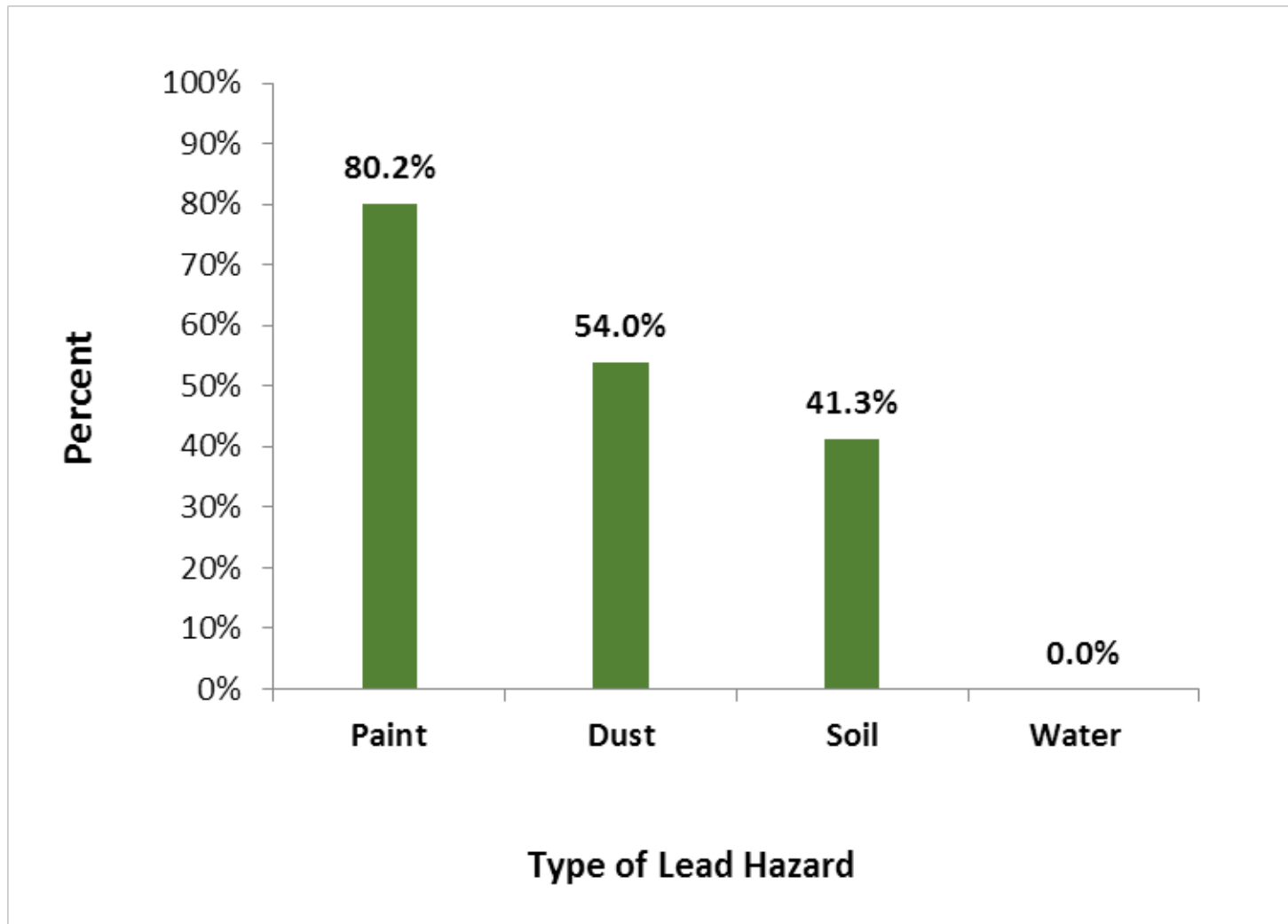
Percent poisoned among Non-Hispanic Children: 2.4%.
Towns with less than 10 children tested were not included.

Environmental Investigations & Dwelling Type

- 131 environmental cases were opened; 126 were inspected; 4 post-1978 housing

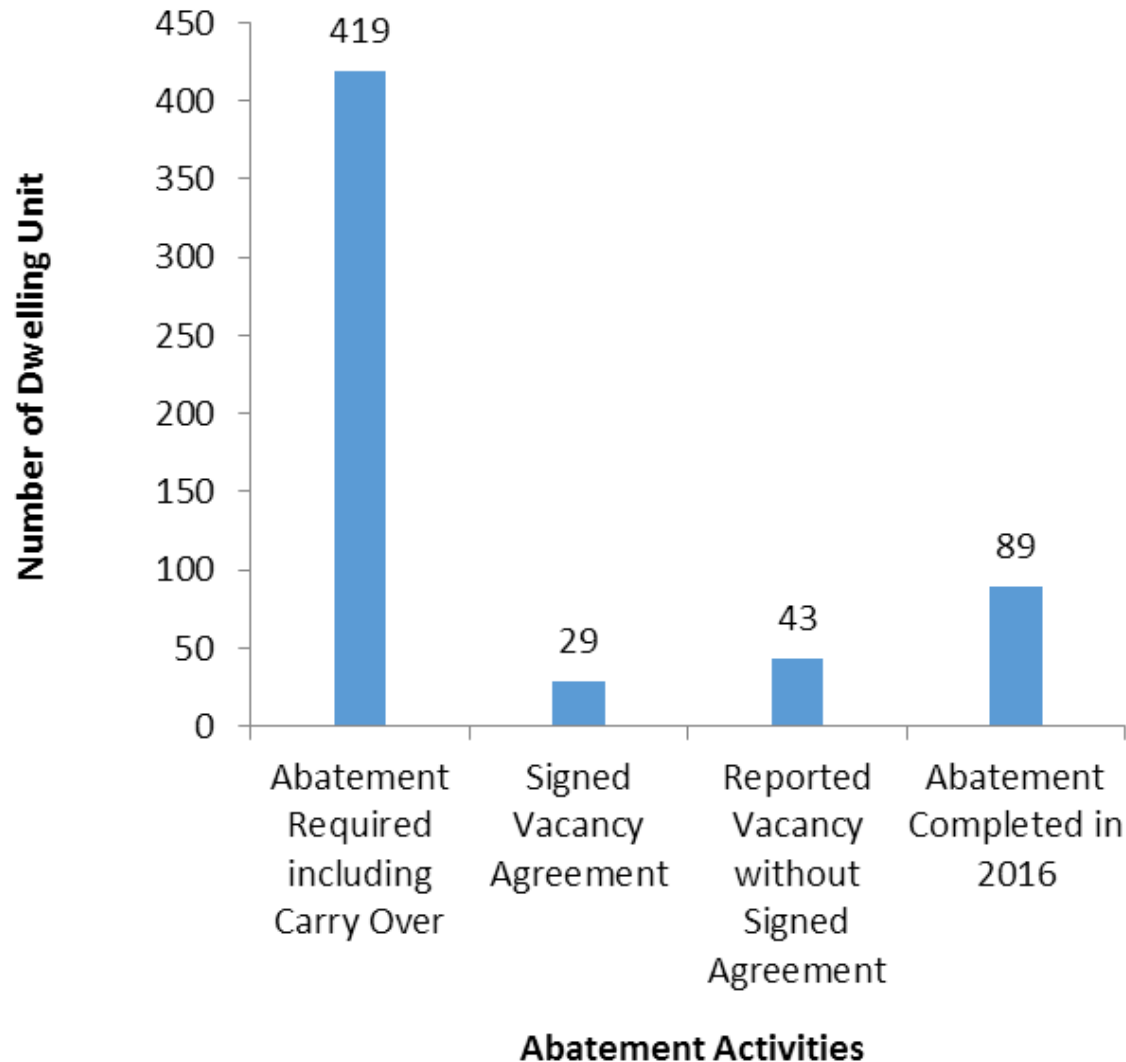


Environmental Lead Hazards Identified by Source



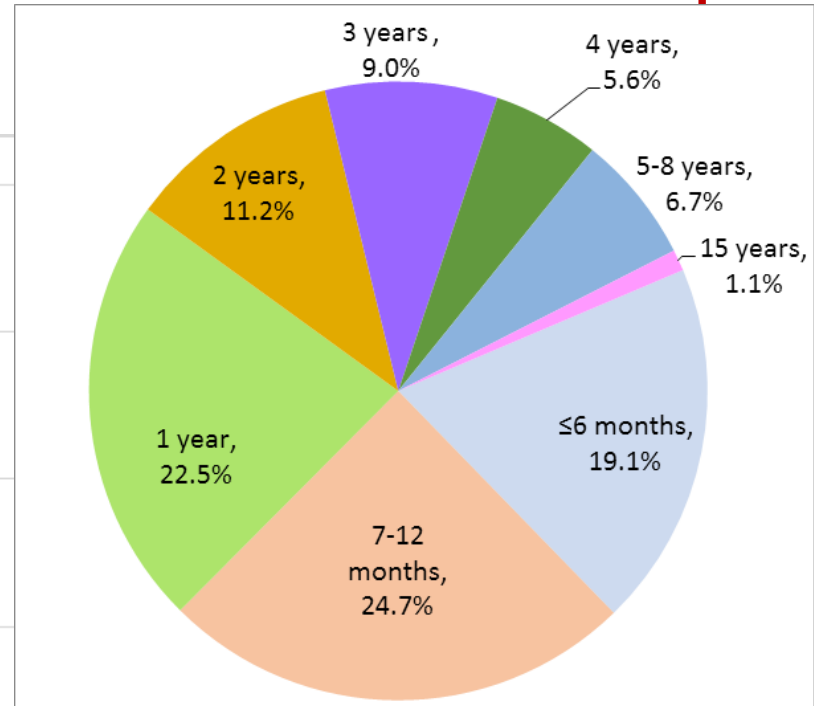
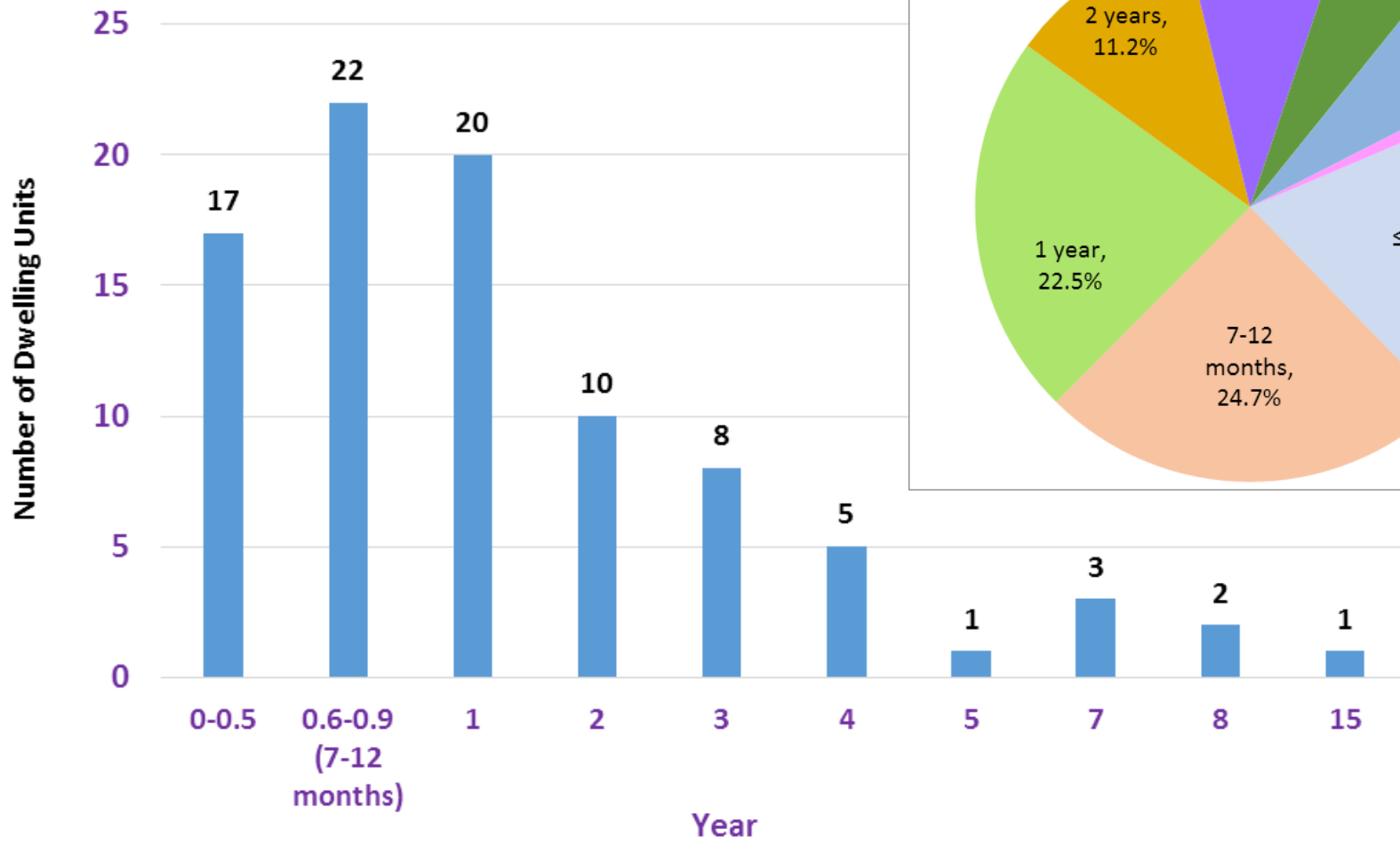
126 dwelling unit inspected

Abatement activities among dwelling units requiring abatement of lead hazards

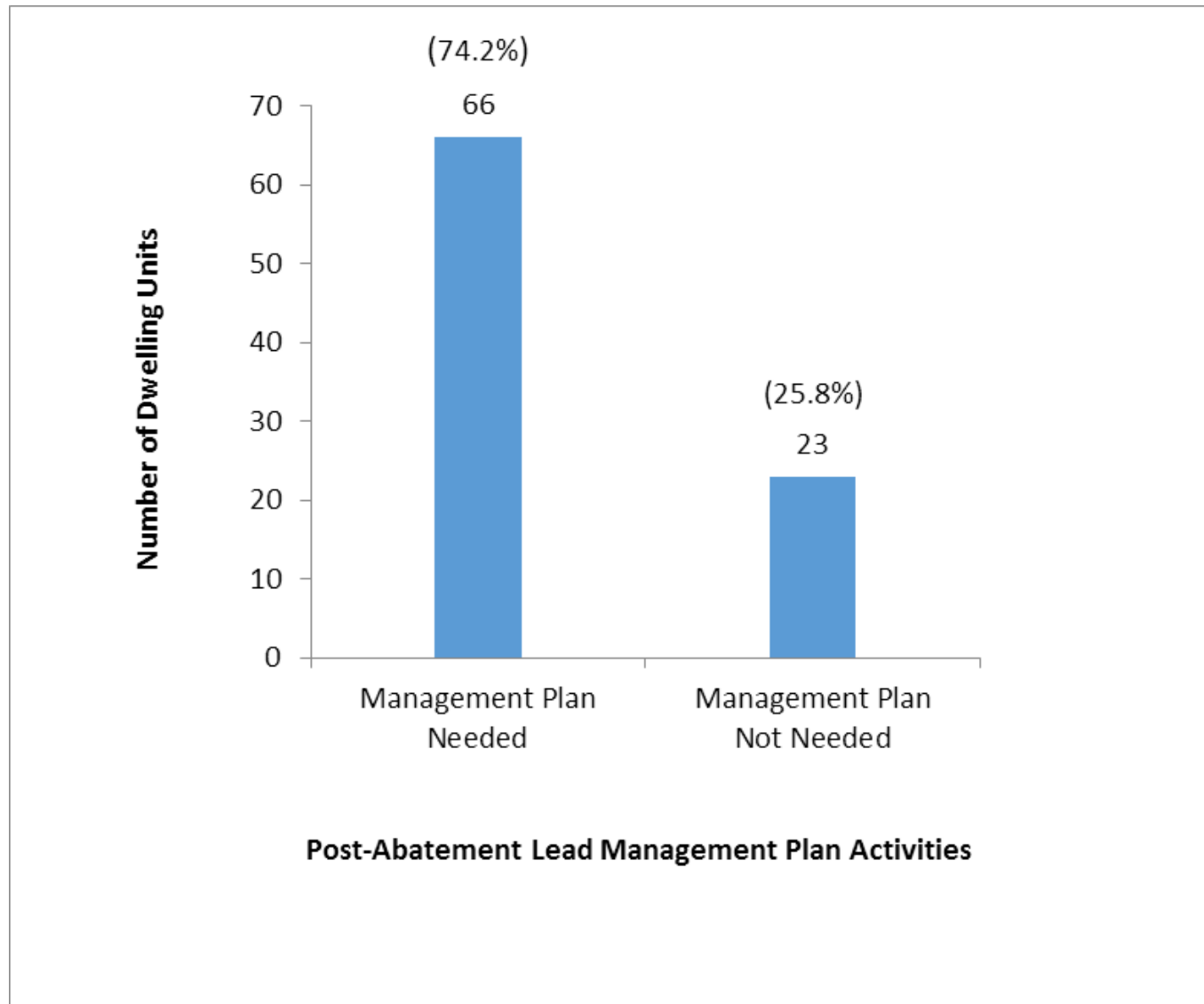


How long does it take to complete abatement*

Average: 1 year and 10 months



Lead management plans among dwelling units where lead abatement was completed in 2016



Non-Environmental Source of Lead, 2016

Child	Items with lead	Lead concentration	Child BLL ($\geq 5 \mu\text{g/dL}$)	HD
A	Mix Spice From India	63.4 mg/kg	15	Stamford
B	Chili Powder	22.1 mg/kg	8 (No inspections)	Pomperaug
C	Turmeric Powder	3710 mg/kg	12	Central
D	Magnetic Bracelet	17.0 %	40 (Window Sill positive)	Manchester
E	Silver Necklace	0.315 %	High XRF	Hartford
E	Bronze Jewelry	0.00394 %		Hartford
G	Black Gram	2100 mg/kg	39	Quinnipiack
G	Blue X Toy	0.0565 %	(post-1978 house)	Quinnipiack
G	Red Dinosaur	0.0111 %		Quinnipiack
G	Pressure Cooker Gasket	0.00211 %		Quinnipiack
G	Kumkum	76.6 mg/kg		Quinnipiack
G	Veebudi	21.1 mg/kg		Quinnipiack
G	Silver Ankle Bracelet	123 mg/kg		Quinnipiack
F	Balguti Kasaria Ayurvedic	4790 mg/kg	36 (Window Sill positive)	Manchester
F	Woodwards Gripe Water	0.152 mg/kg		Manchester