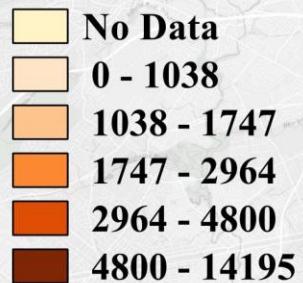


Population Density of Children Under the Age of Five in New York City Neighborhoods

Number of children per square mile



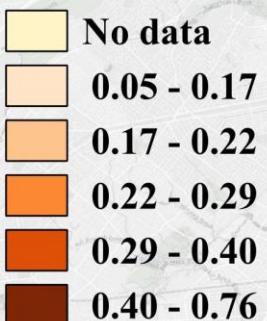
0 2.5 5 mi



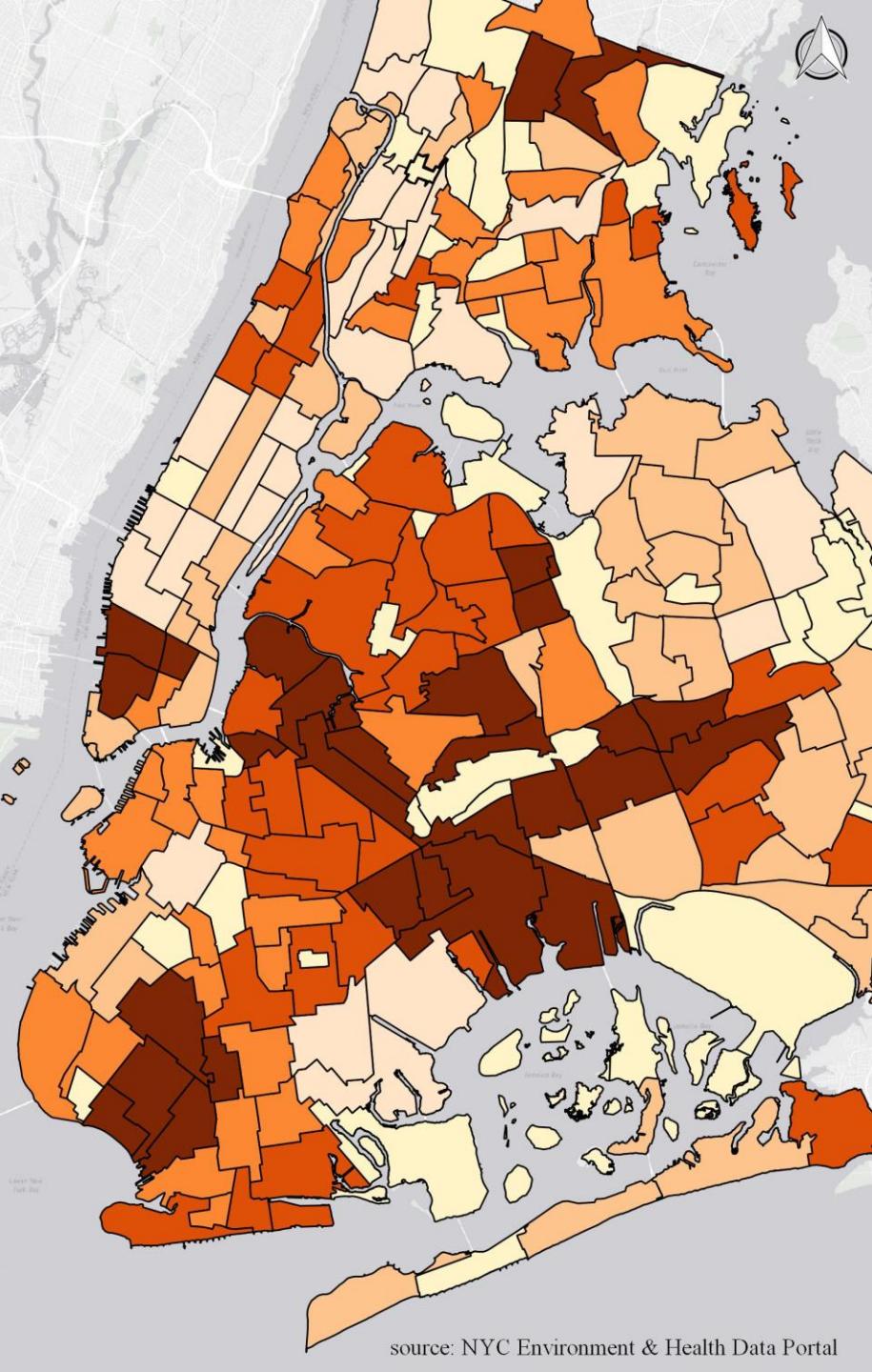
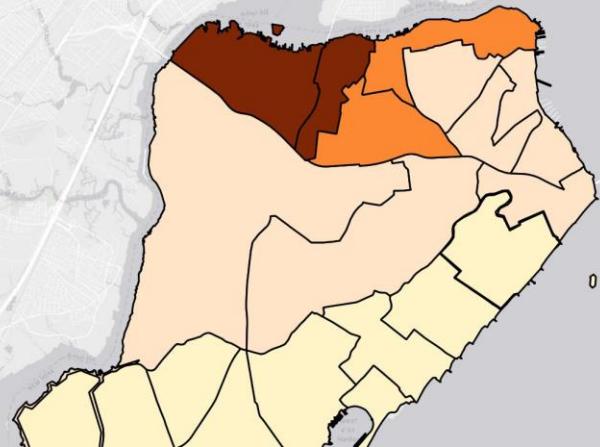
source: **NYC**
PLANNING

Cases of High Blood Lead Level in Children Under the Age of Five in New York City Neighborhoods

Percentage of children with high blood lead level



0 2.5 5 mi



source: NYC Environment & Health Data Portal



Most Affected Areas

Neighborhoods with over 5000 children under 5 years old per square mile, with over 0.4% confirmed cases of high blood lead level

Neighborhood	Children Density	Percentage of Children with High Blood Lead Level
Fordham South	11,725	0.76%
Borough Park	7,503	0.60%
Corona	5,957	0.51%
Williamsburg	14,195	0.47%
Bushwick North	5,502	0.45%
Corona North	7,619	0.44%
NYC average	2,965	0.28%

0 2.5 5 mi

Fordham South



Borough Park



Sources:

United States Census Bureau

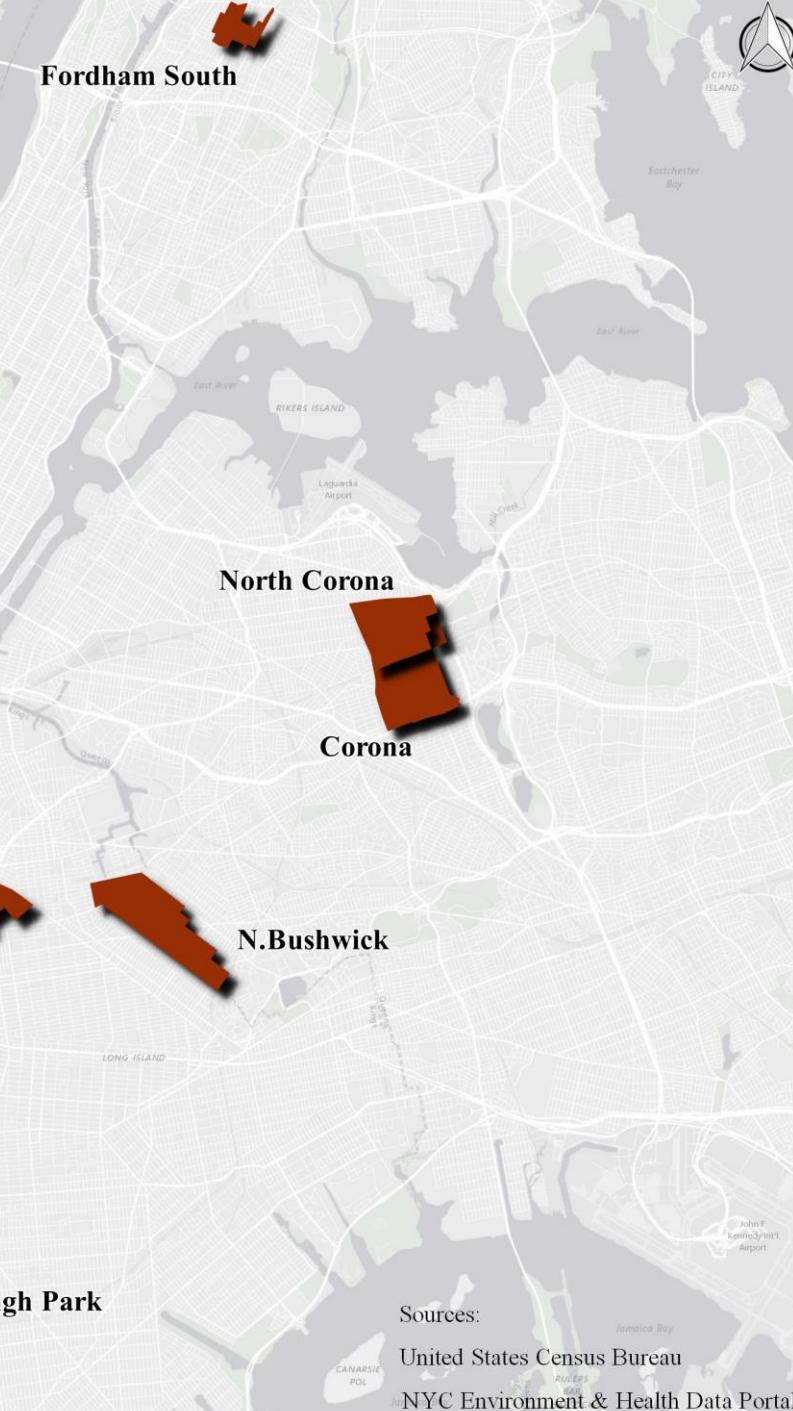
NYC Environment & Health Data Portal

Williamsburg

N.Bushwick

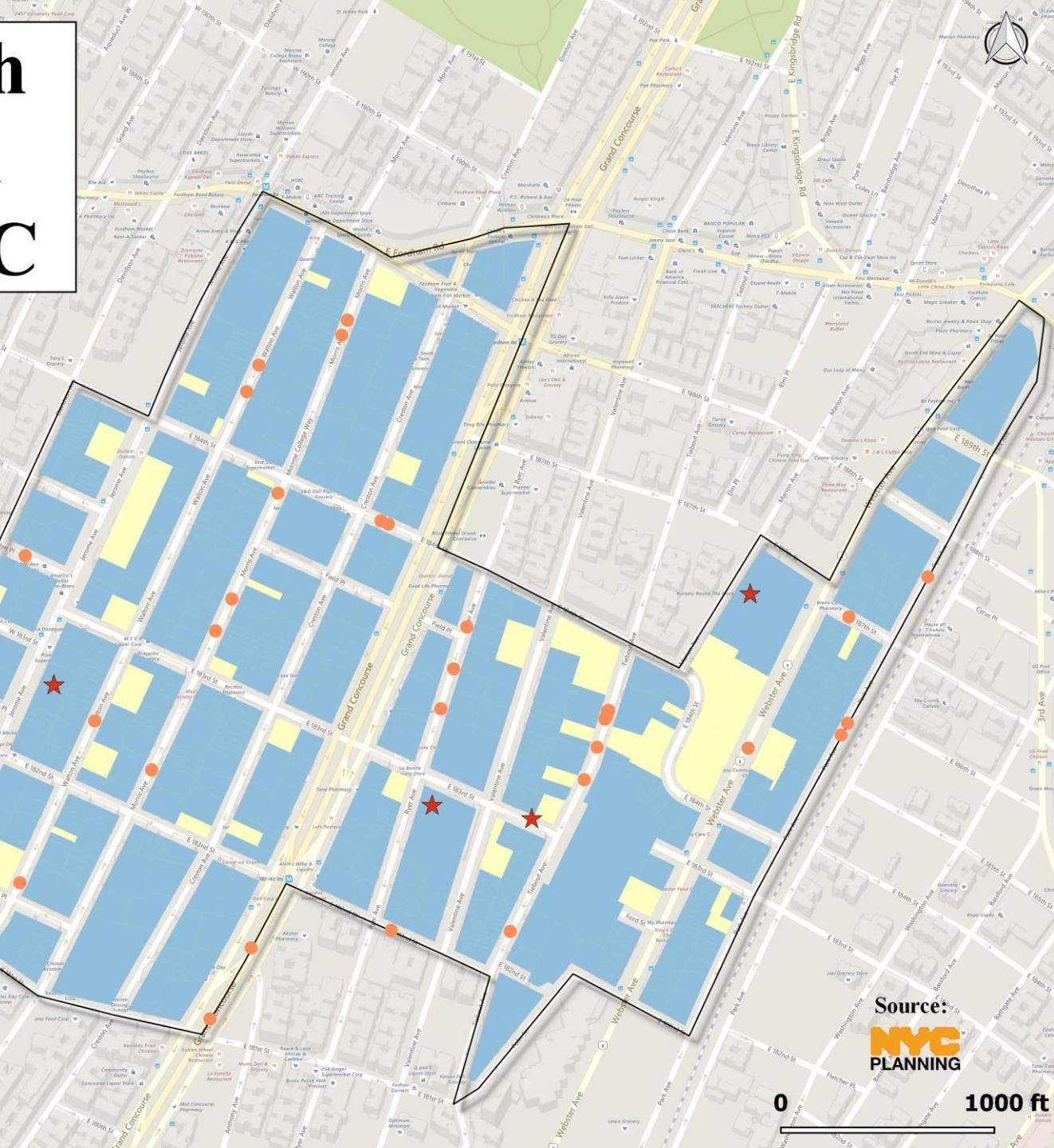
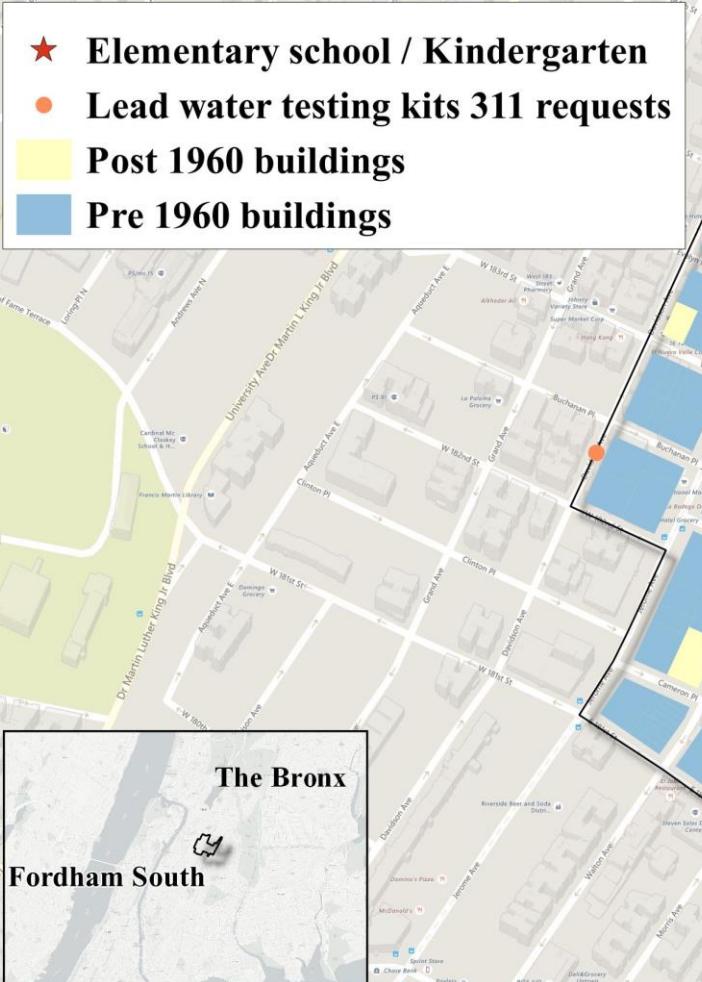
North Corona

Corona



Fordham South Neighborhood The Bronx, NYC

- ★ Elementary school / Kindergarten
- Lead water testing kits 311 requests
- Post 1960 buildings
- Pre 1960 buildings



Unkempt Buildings Predating 1960's Lead Based Paint Prohibition, by Borough

- Pre 1960 Buildings
- Post 1960 Buildings
- Green lung
- Estimated percentage of pre-1960 buildings with peeling paint in each borough

0 2.5 mi

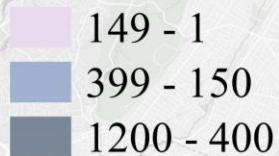
Source:

NYC Open Data Source
Environment & Health Data Portal



Correlation between the Geographical Distribution of Industrial Areas Circa 1922 and High Soil Lead Level in Contemporary NYC

Lead levels (ppm)
in soil, 2014



■ Metals Chemicals
and Paint industrial
areas, 1922

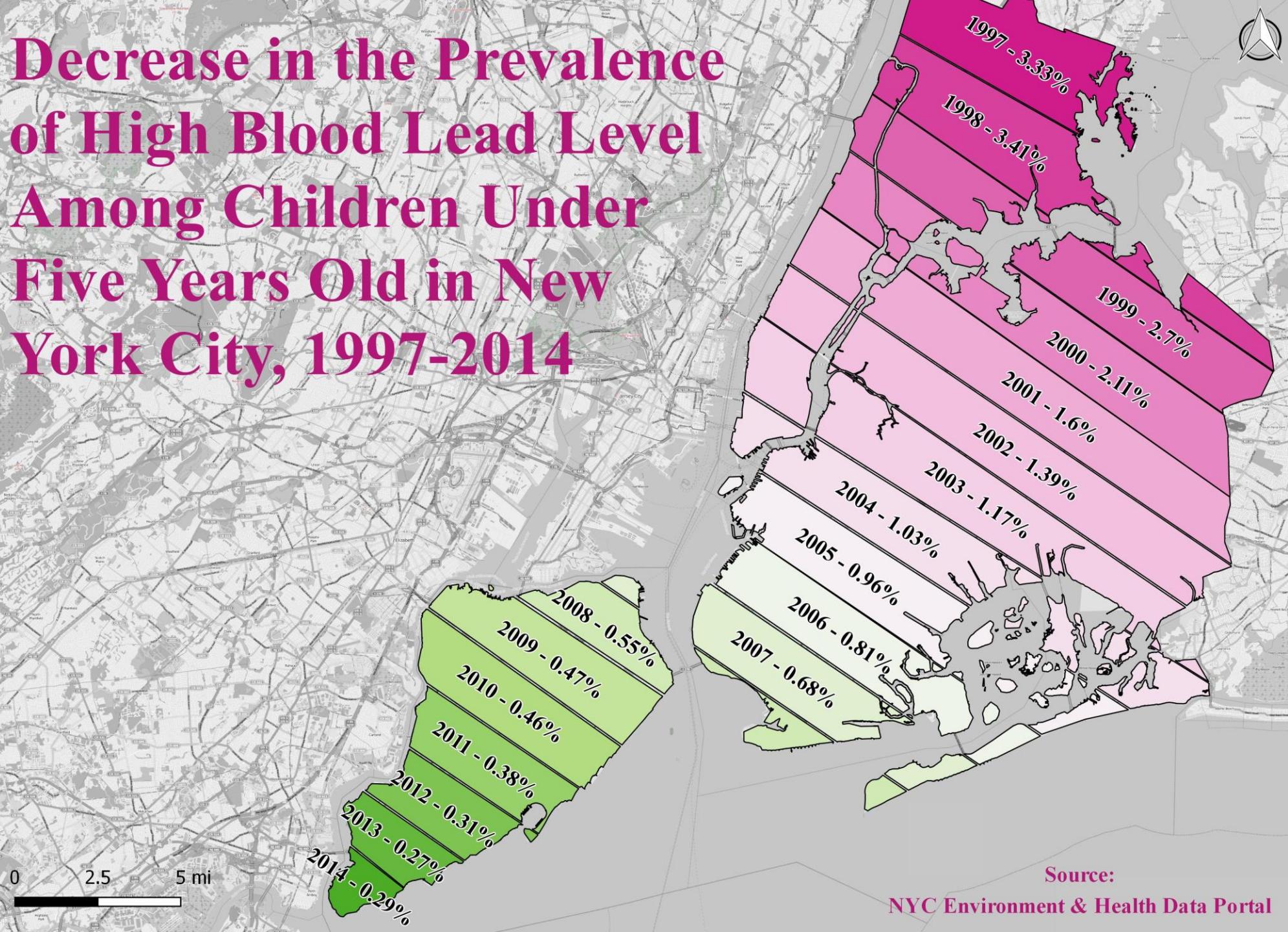
0 2.5 mi

Sources:

SOIL SCIENCE, Volume 180, Number 4/5, April/May 2015

www.slate.com, THE VAULT blog

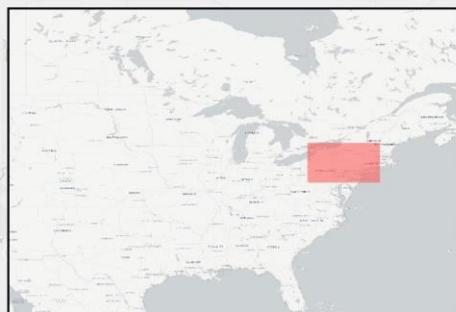
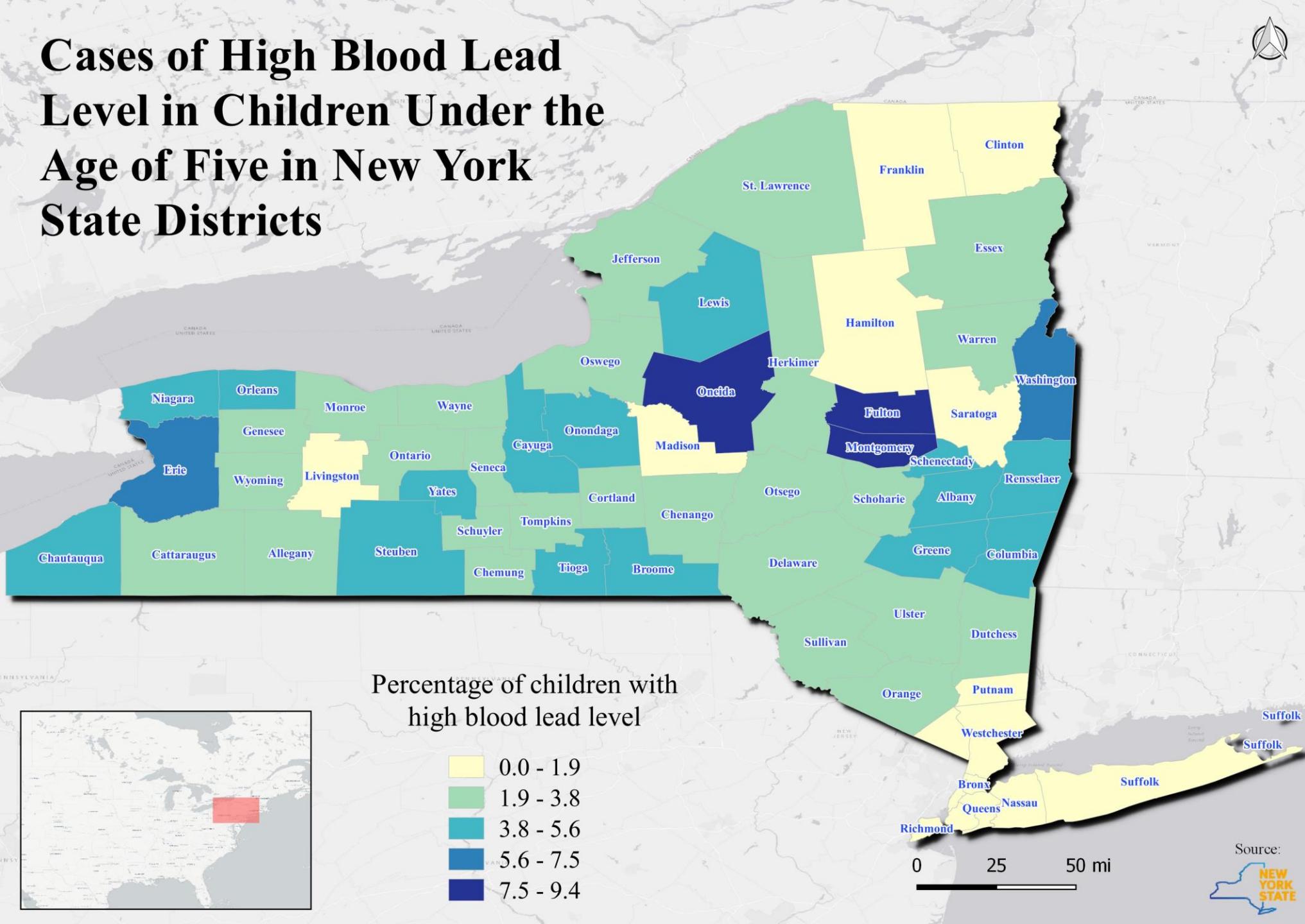
Decrease in the Prevalence of High Blood Lead Level Among Children Under Five Years Old in New York City, 1997-2014



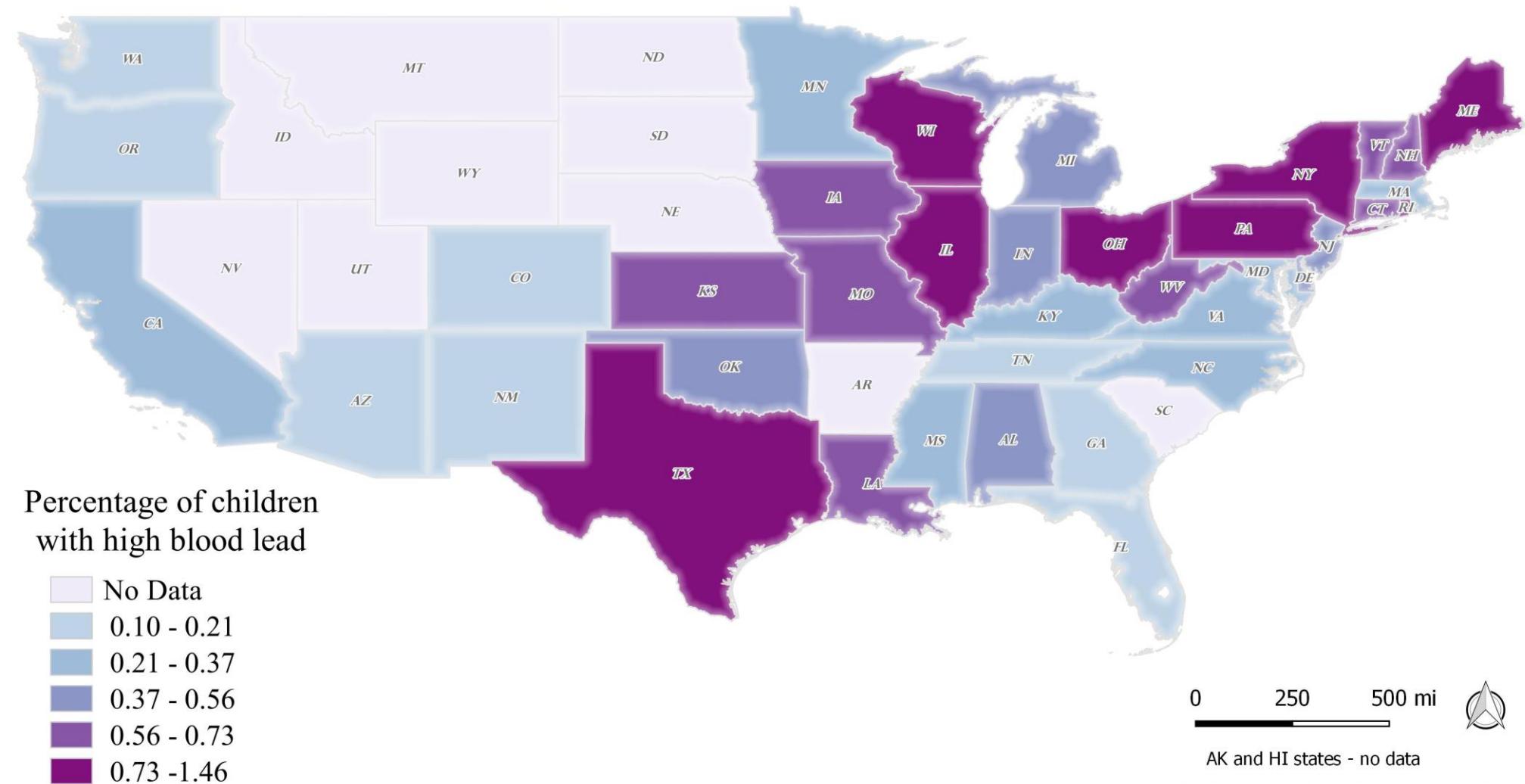
Source:

NYC Environment & Health Data Portal

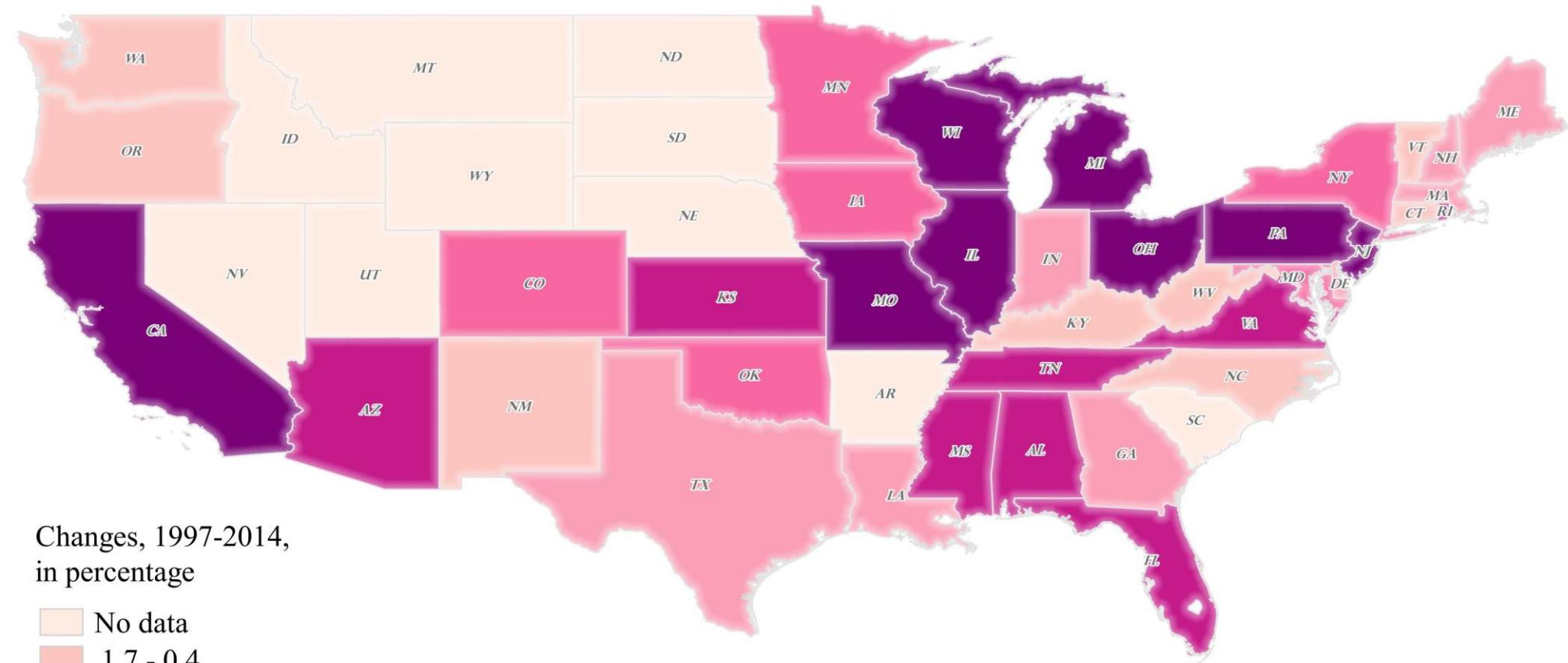
Cases of High Blood Lead Level in Children Under the Age of Five in New York State Districts



Cases of High Blood Lead Level in Children Under the Age of Five in the US, 2014



Trends in High Blood Lead Level Incidence among Children, 1997-2014, by State



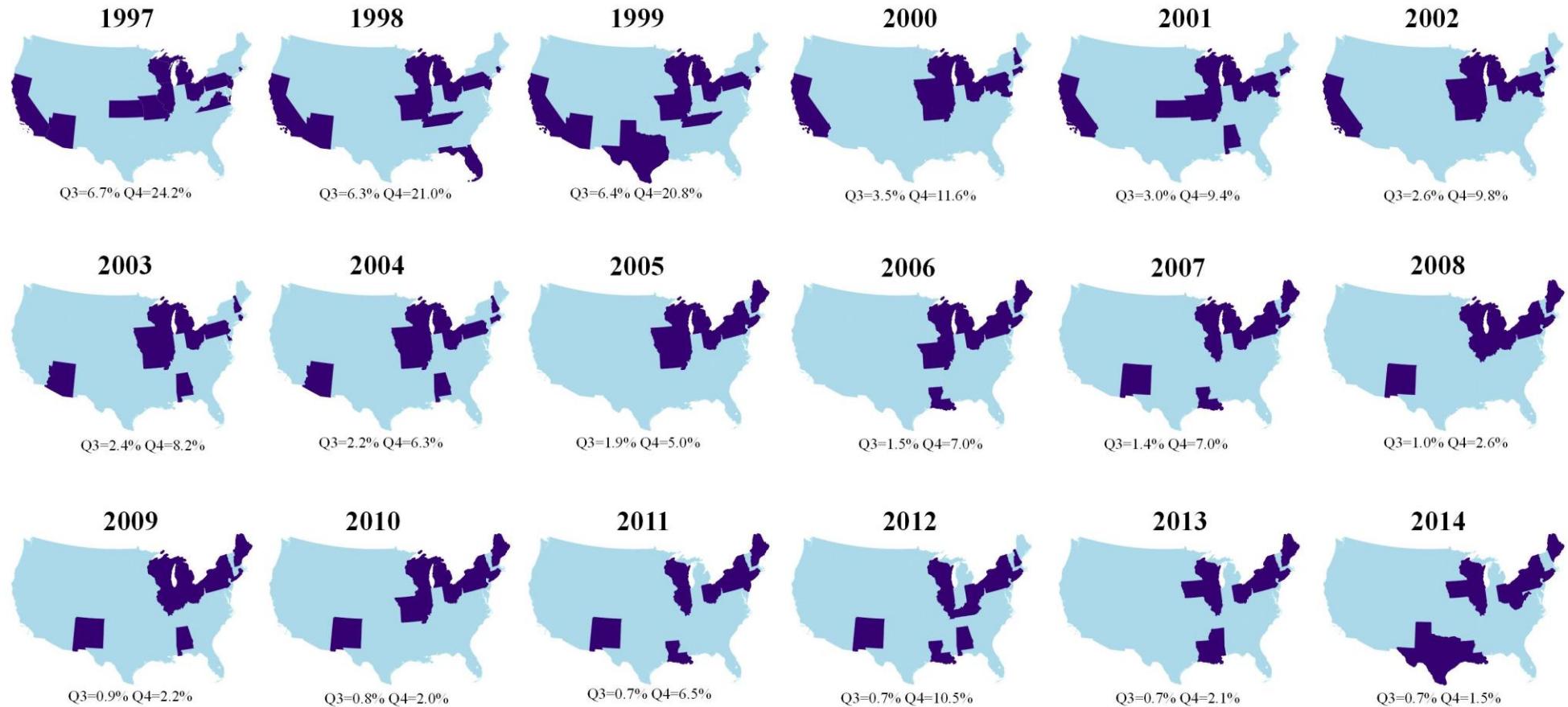
0 250 500 mi



AK and HI states - no data

Source: CDC - Centers for Disease Control & Prevention

Top 25th Precentile States for High Blood Lead Levels among Children, 1997-2014





Decrease in the Prevalence of High Blood Lead Level among Children Under Five Years Old in the US, 1997-2014

Sources:



Centers for Disease Control and Prevention



Year	Number of children tested	Percentage of high blood lead level
1997	1,611,569	7.61%
1998	1,761,674	6.50%
1999	1,875,500	5.03%
2000	2,216,700	3.96%
2001	2,538,008	3.03%
2002	2,652,964	2.56%
2003	3,092,229	2.27%
2004	3,250,848	1.76%
2005	3,529,634	1.53%
2006	4,168,544	1.20%
2007	3,980,954	0.94%
2008	4,310,140	0.72%
2009	4,375,356	0.61%
2010	4,282,565	0.60%
2011	3,899,689	0.56%
2012	2,768,373	0.61%
2013	2,256,230	0.54%
2014	2,477,289	0.53%

