



NC Child
The Voice for North Carolina's Children



Testing Water for Lead in Child Care Centers

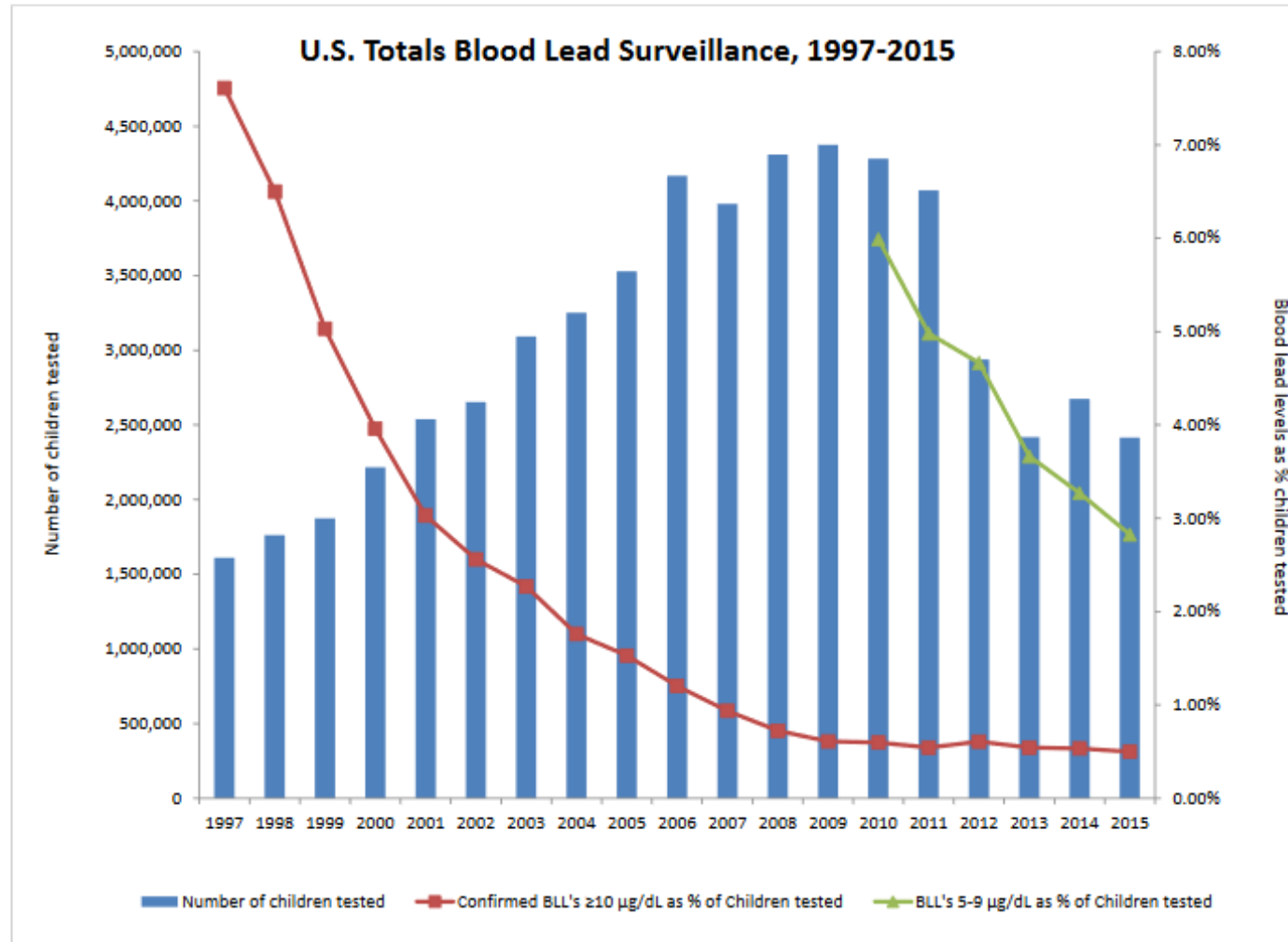
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About NC Child

OUR MISSION

NC Child builds a strong North Carolina by advancing public policies to ensure all children – regardless of race, ethnicity, or place of birth – have the opportunity to achieve their full potential.











Lead Exposure Can Cause...

- DAMAGE TO BRAIN AND NERVOUS SYSTEM
- SLOWED GROWTH AND DEVELOPMENT
- LEARNING AND BEHAVIOR PROBLEMS
- HEARING AND SPEECH PROBLEMS

AND CAN LEAD TO.....

- LOWER IQ
- DECREASED ABILITY TO PAY ATTENTION
- UNDERPERFORMANCE IN SCHOOL
- INCREASED CONTACT WITH CRIMINAL JUSTICE SYSTEM

Sources of Lead Exposure

Lead Paint 70%

Water 20%

Occupational

Products (toys, foods, etc.)

Where Children Congregate

- Schools
- Child care centers

Why Child Care Centers

- Younger children are at higher risk
 - Smaller body mass
 - Lower blood quantum
 - Water is a larger percentage of their nutritional intake

RTI Study

- Samples from 86 centers
- 16% had at least one sample above 15 ppb
- Found testing and mitigation to be low-cost