

Ending Childhood Lead Poisoning *Scaling Best Practices Now*

Ruth Ann Norton

President and CEO

April 26, 2016

American Public Health Association

Our Mission

*To break the link between
unhealthy housing and unhealthy children*

Green & Healthy Homes Initiative – our history



1986

Volunteer Effort

Parents Against Lead



1993

Coalition to End
Childhood Lead Poisoning



2009

Became the
Green & Healthy
Homes Initiative



**Green & Healthy
Homes Initiative®**

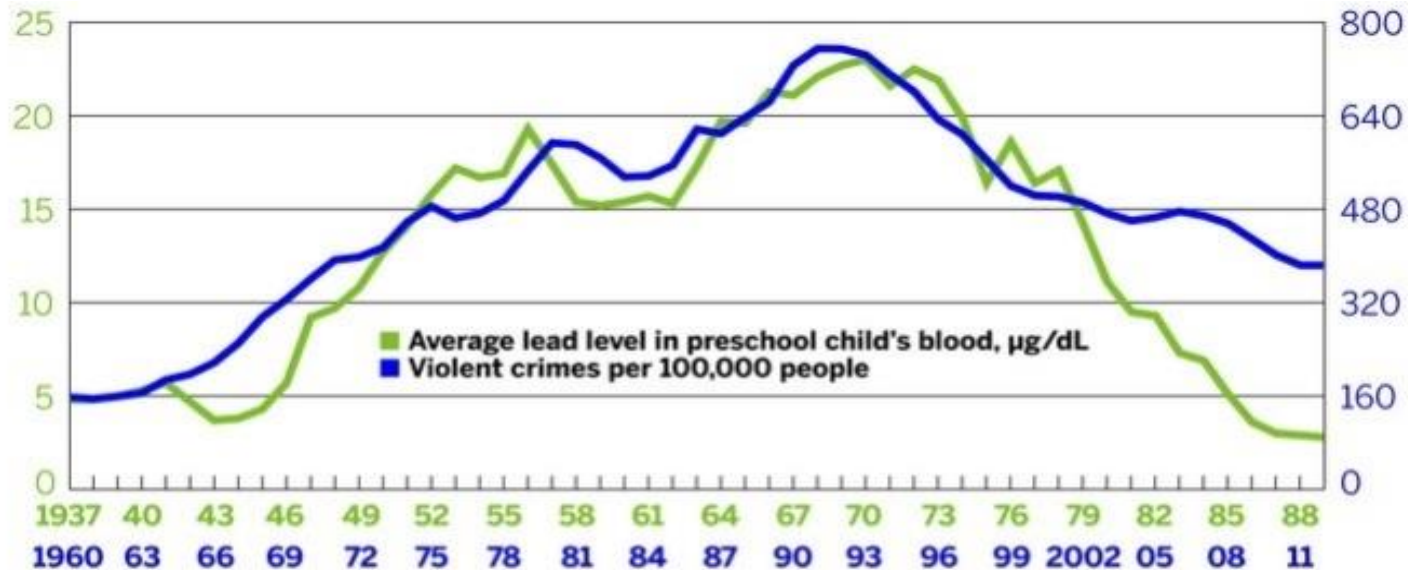
Accomplishments

- Designed the efforts for the 98% reduction of lead poisoning in Maryland
- 30 successful lead poisoning prevention legislative measures
- First Housing Choice Voucher Program for Lead
- 25 GHHI sites working to address lead through holistic housing approach
- Over \$300 million raised to eradicate lead and other environmental health threats

Toxic Legacy of Lead - Today

- 535,000 children poisoned every year
- \$43.4B = lead poisoning
- Impacts on learning and reading
- 700% Increased School Drop Out Rate
- 600% Increased Risk of Juvenile Crime
- Dramatic Decreases in Long Term Earnings
- Irreversible Neurological and Health Effects

Known Long-Term Effects: Violent Crime



A timeline of lead reduction

1970 CDC sets acceptable blood-lead level of 40 µg/dL	1973 EPA mandates a phaseout of leaded gasoline	1978 CPSC bans residential lead paint	1991 CDC sets acceptable blood-lead level of 10 µg/dL	1996 EPA eliminates lead from all U.S. motor fuel	2012 CDC describes blood-lead level of >5 µg/dL as elevated
--	---	---	--	---	---

Credit: Chemical & Engineering News: February 2014- By Lauren K. Wolf

The Business Case for Lead Poisoning Prevention

- Monetized Benefits of Prevention = 2.2 to 4.7 IQ point increase results in increased lifetime worker productivity @ \$954,000 per child = \$110 to \$319 billion

(discounted 2000 dollars for each year's group of 3.8 million two-year old children) Source: CDC

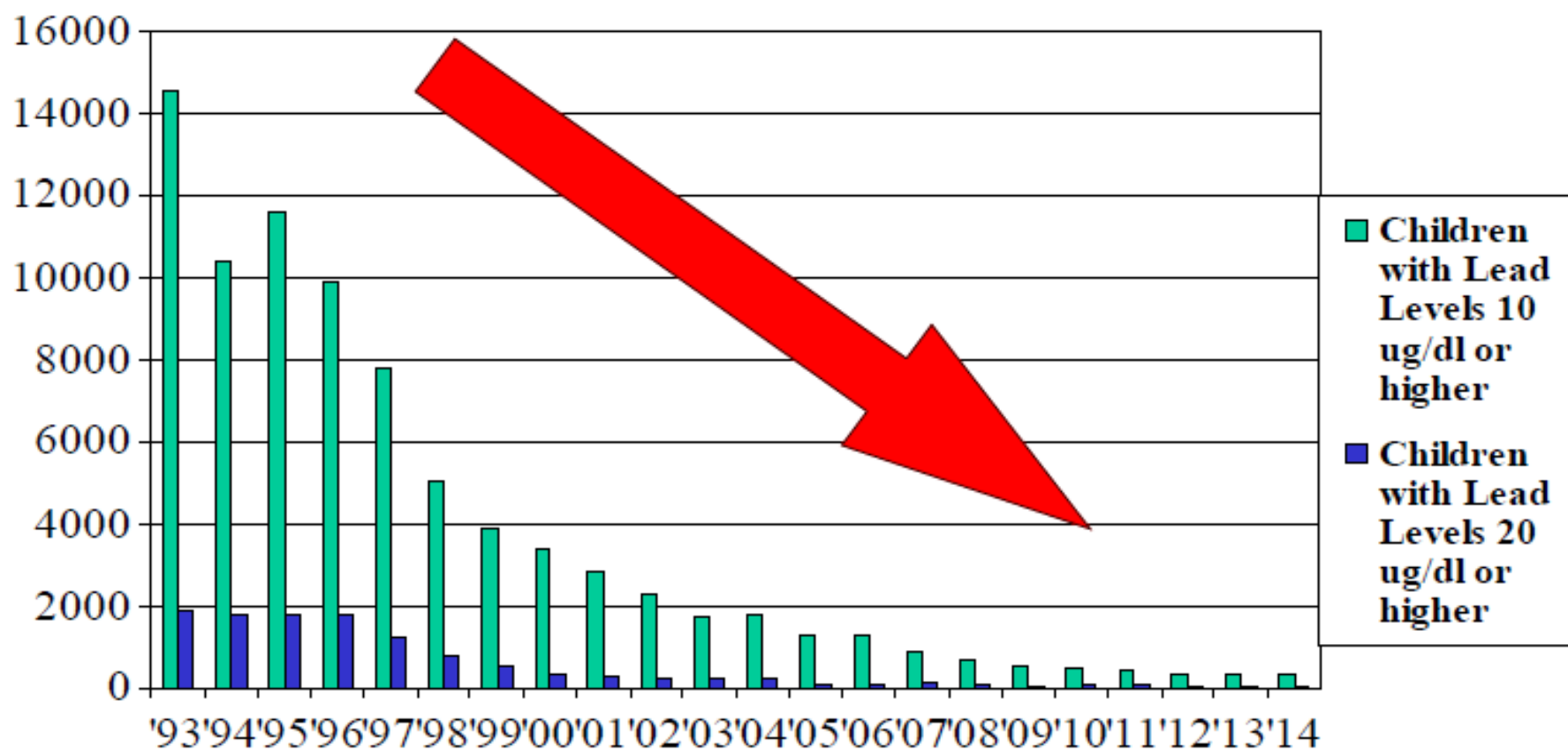
- For every \$1 spent on lead hazard control programs there is a \$17-\$221 return on investment

Source: HUD, Gould

Maryland - *A Strategy for Prevention*

- Requires all Pre-1978 Rental Units to undergo Hazard Reduction and lead dust clearance testing Before Occupancy
- All Pre-78 Rental Units Must Register with the State, comply with Hazard Reduction law and provide education on rights and awareness
- Any non-compliant unit deemed illegal and cannot access housing court for rent recovery
- Housing Choice Voucher Program for EBL over 5 µg/dL
- Probable Cause Warrants
- Dust Testing for all RRP contract work (Regulations pending)
- \$65 million in State funding since 2000
- Strict Lead Violation Enforcement

Decline in Lead Poisoned Children in Maryland 1993-2014



	<u>1993</u>	<u>2014</u>
Children with Lead Levels 10 µg/dl or higher	14,546	355
Children with Lead Levels 20 µg/dl or higher	1,904	58



New Developments in Maryland

- Passage of Medicaid Pilot for Lead Hazard Control Intervention
- Adoption of Strict Demolition Standards to Prevent Lead Emissions (And Expanded Demolition)
- Universal Blood Lead Testing

Other Best Practice Examples

Jurisdiction	Action
Maine	Funded Environmental Investigation at 5 µg/dL
Providence	Lead Court
St. Louis	Building Permit Fee to Fund Hazard Control
Rochester	Tenant Right to Terminate Lease
California (Multi-Jurisdiction)	Lead Paint Litigation
Philadelphia	Rental Property Licensure/Lead Inspection
Maine	Paint Sales Tax for Education
Maryland	\$2,500 Relocation Requirement

New National Strategy

- Presidential Task Force on Lead with Broader Scope (Housing, Water, Soil)
- Reconvene CDC Advisory Committee on Lead Poisoning Prevention
- Increase Annual HUD Funding to \$250 Million and CDC to \$50 Million
- Adopt CDC Guidelines and Prevention Goals Across all Federal Agencies
- Require any state accepting federal support to adopt CDC Guidelines
- Expand HUD Lead Hazard Control Funds to allow for water fixture replacement
- Strengthen Federal Disclosure Law and EPA RRP Rule to include dust testing
- Adopt TrueLEADership Act of 2016 (Cardin, et. al.) - *\$70 Billion over 10 years includes:*

Investing in Water Testing, Disclosure and Infrastructures (Cardin)

Title X Amendments (Reed)

Home Lead Safety Tax Credit Bill (Whitehouse)

Reduce Lead Exposure in Federally Assisted Housing
(Durbin/Menendez)

- Cultivate new sectors for partnerships to broaden implementation

Going to Scale

1. Adoption of Congressional Funding Increases
2. Provide Competitive Incentives to States who adopt Lead Prevention Strategies
3. Establishment of Lead Prevention Fund for America's Families (2:1 Matching Pool)
4. National Implementation Education For City, County and State Leaders (NLC, USCM, ICMA)
5. Increase Scale of AmeriCorps, NCCC and Experience Corps in combatting lead
6. Leverage Opportunities of the Affordable Care Act and Medicaid Policies
7. Support Pay for Success for Lead Poisoning Prevention and Healthy Housing
8. National Education Campaign (Practical and Useful)

Health Care Opportunities

- Hospital Community Benefit Fund Investments
- Medicaid Waivers (1115)
- Pilot Programs (Maryland)



Hospital Community Benefit Investments

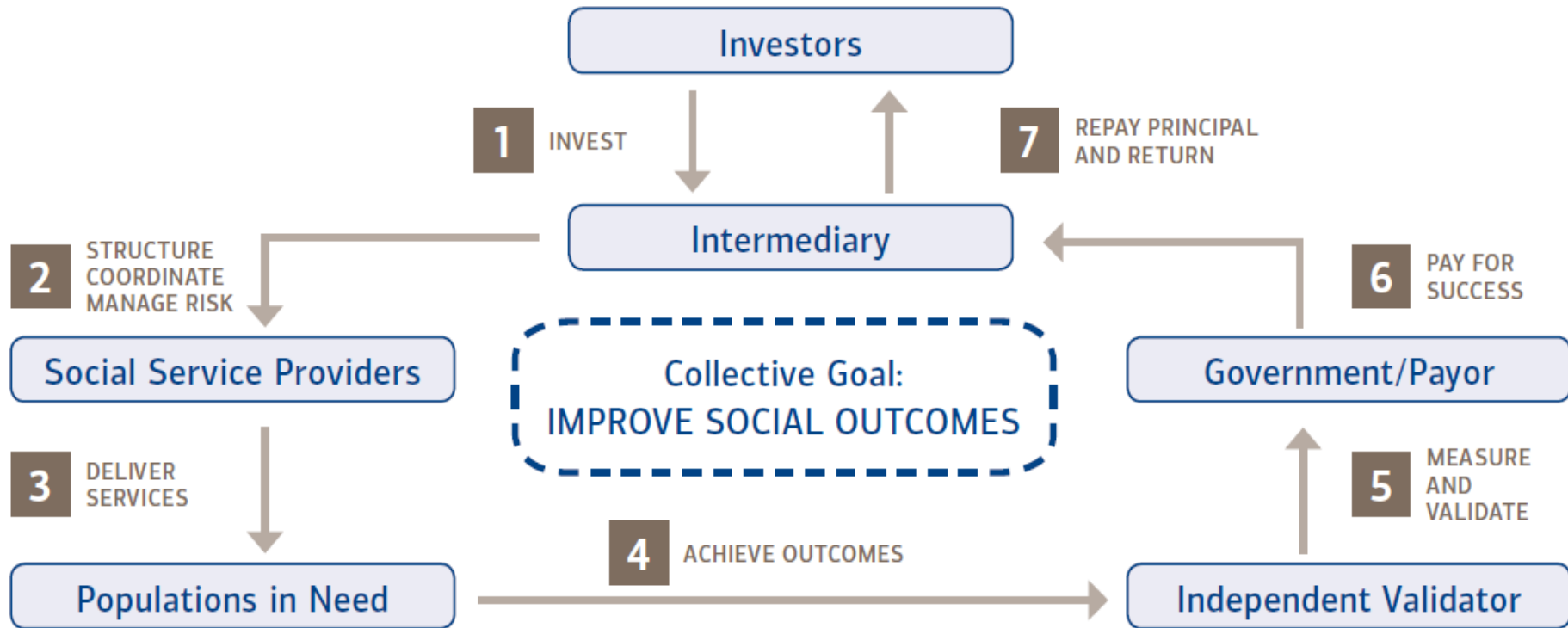
- ACA revised requirements to assure that hospitals' community benefit investments are transparent, concrete, measurable, and responsive to community needs



- A Community Health Needs Assessment (CHNA) is conducted every 3 years by the hospital, which then adopts an implementation plan
- Community benefit investments can encompass “physical improvements and housing” and “environmental improvements.”

Pay for Success model

An Opportunity for Lead Poisoning Prevention / Improved Outcomes



Graphic: "Pay for Success (PFS) Financing," Social Finance. Found in "[Pay for Success: A Primer for Social Innovators](#)," Social Innovation Fund

Ruth Ann Norton

President and CEO

410-534-6477

ranorton@ghhi.org

Twitter: @Ruth Ann Norton

GHHI Twitter: @HealthyHousing

www.greenandhealthyhomes.org