

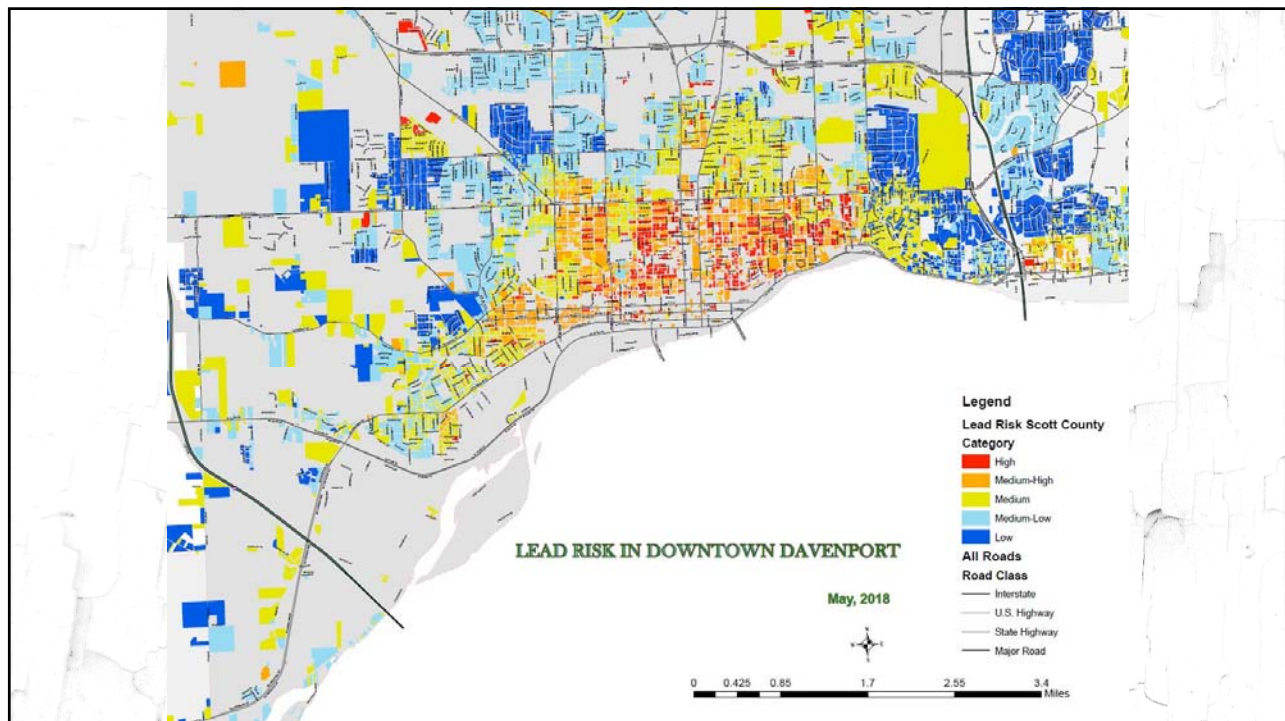
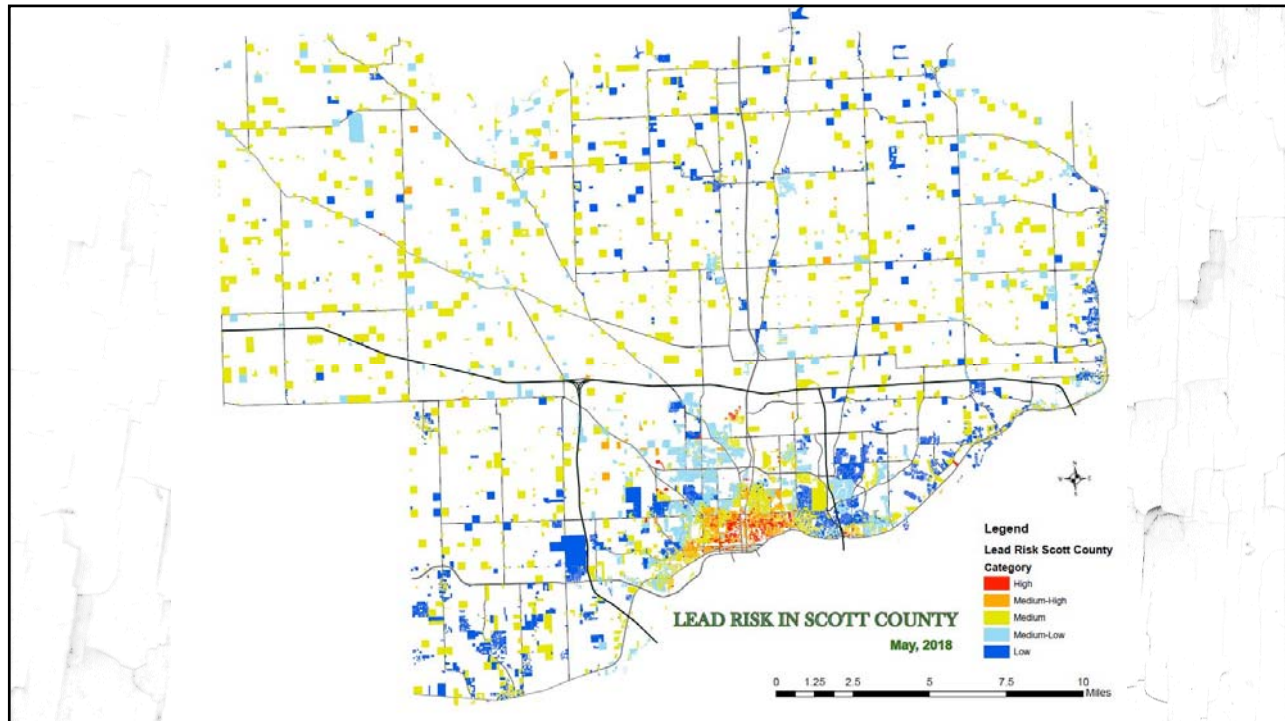
Lead Paint Hazards in Scott County

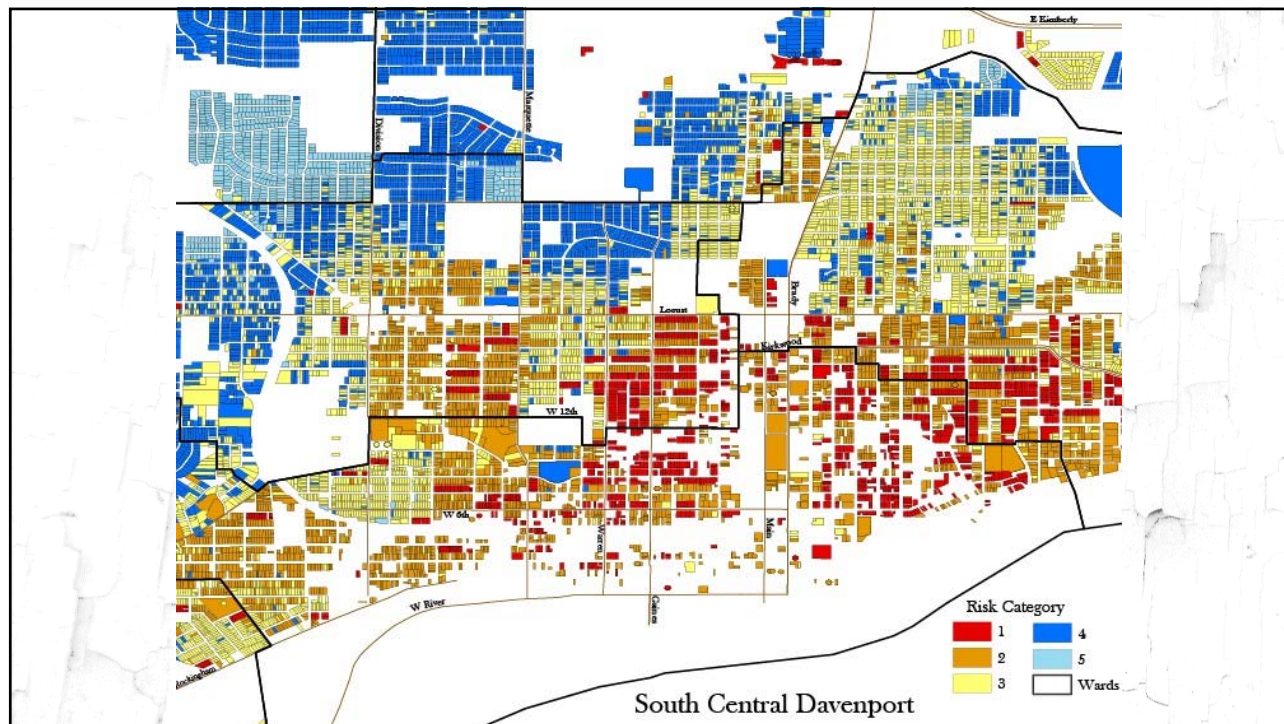
A report of the collaboration between



Goals of the collaboration

1. Establish a baseline, through survey and geospatial analysis, of the lead hazards in Scott County.
2. Reengage the community in solving the problem.
3. Determine methods for financing remediation, not primarily dependent on federal grants.





EBL Cases in Pre-1979 Housing Stock (41321 parcels)

Priority Zone	Number of Parcels	% of Pre-1979 Housing Stock	% of Parcels with Elevated BLLs	Number Elevated BLLs	% of Elevated BLLs Captured	Ratio of Parcels Without Elevated BLL to Parcels With Elevated BLL	Home Age	Renter Occupancy Risk	% African American of Neighborhood Risk	Combined Risk using only significant regression predictors	Number of HUD Remediated Properties Captured	Percent of HUD Remediated Properties Captured
1	1955	5	21	410	28	5	1915	56	57	177	50	21
2	3843	9	11	430	29	9	1899	55	13	148	101	43
3	10545	26	3	364	25	29	1938	44	9.5	95	57	24
4	13786	33	1	167	11	83	1960	32	4	56	23	10
5	11192	27	1	88	6	127	1964	12	2	28	2	1

Model validated using addresses where children poisoned since 2000 under data-sharing agreement with Iowa Department of Public Health (1459 cases)

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57% of EBL cases in 14% of pre-79 housing stock! (5798 parcels)

Association of Risk Areas with mapping for other issues

- City of Davenport Police Department: Elevated crime rates and violent crime.
- Davenport School System: Increased absence rates and behavioral incidents.
- Augustana is conducting a project using Juvenile Justice data to test an association with risk areas.

Since the problem was localized, what have has been done about the other two goals?

Lead-based paint study finds 5,000 Davenport homes at high risk

Devan Patel dpatel@oatimes.com Oct 18, 2017

TRY 1 MONTH FOR 99¢



Precautions were taken when lead paint was removed from the porch of this Davenport house in 2010. Lead paint remediation has come to a standstill in Scott County.

BUY NOW

Lead-based paint study finds 5,000 Davenport homes at high risk

Devan Patel dpatel@oqtimes.com Oct 18, 2017

Looking at the high risk areas in Davenport, Mayor Frank Klipsch said it stressed the importance of looking at investing more in the central city to help combat the problem.

"It sounds as if the three overlapping hot spot areas really reiterate the importance of looking at the urban revitalization of Davenport," Klipsch said.



Precautions were taken when lead paint was removed from the porch of this Davenport house in 2010. Lead paint remediation has come to a standstill in Scott County. [BUY NOW](#)

Lead-based paint study finds 5,000 Davenport homes at high risk

Devan Patel dpatel@oqtimes.com Oct 18, 2017

- Met with Mayor Klipsch to encourage the city's participation in coalition and action.
 - "You've done a really good job convincing me."
- Mahesh Sharma, Tony Knobbe, Genesis, Augustana met with Mayor
 - Pledged to task Urban Revitalization resources to lead remediation.
 - Agreed to advocate for inclusion of lead-safe requirement in rental ordinance.
 - Will assign a city representative to participate in coalition.

Precautions were taken when lead paint was removed from the porch of this Davenport house in 2010. Lead paint remediation has come to a standstill in Scott County. [BUY NOW](#)

Live Lead Free Quad Cities



- After the Year One kickoff of SCHD/Augustana project in August 2016, Genesis Health System inquired how it could join the effort.
- Staff from Genesis were delegated to work with SCHD/Augustana to develop ways to address the clinical and community engagement issues.
- Meetings began under the “Community Lead Reduction Project” banner in March 2017.

Live Lead Free Quad Cities



- First meeting of “Live Lead Free QC” 12/11/17.
- “Live Lead Free Quad Cities” incorporated in Iowa 8/10/18.
- 501 (c) 3 status application submitted to IRS and status pending.
- Work has begun on applications to philanthropic groups for funding.

Live Lead Free Quad Cities Board



- - Augustana College: Dr. Alexander Cohen (Secretary)
- - Community Health Care: Tom Bowman
- - City of Moline: Kaye J Whitley
- - City of Rock Island: Drake Daley
- - Community Action of Eastern Iowa: Tom Wiebenga
- - Genesis Health System: Vanessa Lee (Vice-President)
- - Rock Island Health Department: Janet Hill
- - Scott County Board of Supervisors: Tony Knobbe (President)
- - Scott County Health Department: Edward Rivers
- - Scott County Housing Council: Leslie Kilgannon

Regular Participants



- Augustana College: Dr. Michael Reisner
- Genesis Health System: Henry Marquardt, Michele Dane, Tanner Pugh
- Quad City Health Initiative: Nicole Carkner
 - Board membership pending approval by QCHI Board.
- Scott County: David Farmer: (Treasurer), Tiffany Tjepkes, Sue VanDeWalle
- UnityPoint Health - Trinity: Daniel Joiner
- World Relief: Leah Cox

Methods of Finance

- Augustana Finance class examined several methods of procuring funding other than federal grants:
 - Tax Increment Financing
 - Original intent was for “blighted” areas.
 - Increase in property value after repairs is not sufficient.
 - Urban Revitalization Tax Exemption
 - Feasible: requires 10% increase in property value.
 - Revolving Fund
 - Funds from public or private sources provide low interest or forgivable loans.

Methods of Finance

- Augustana Finance class examined several methods of procuring funding other than federal grants:
 - Community Reinvestment Act
 - Small, low interest loans by FDIC insured financial institutions.
 - Philanthropic funds
 - Targeted remediations for properties involved in EBL case management.
 - Could populate revolving fund, housing trust.
 - May have specific restrictions per grantor.

What has been done in other communities?

- Massachusetts:
 - Massachusetts Lead Abatement Program
 - Grant program with \$3 million focused on high risk communities.
 - Lead Safe Boston
 - For property owners: forgivable loan up to \$8500
 - Get the Lead Out
 - 0% deferred payment loan not due until sale/refinancing.
 - Home Improvement Loan Program
 - 5% loans for lead abatement - \$7.5K - \$50K
 - Lead Removal Tax Credit
 - Up to \$1500 tax credit for permanent removal.

What has been done in other communities?

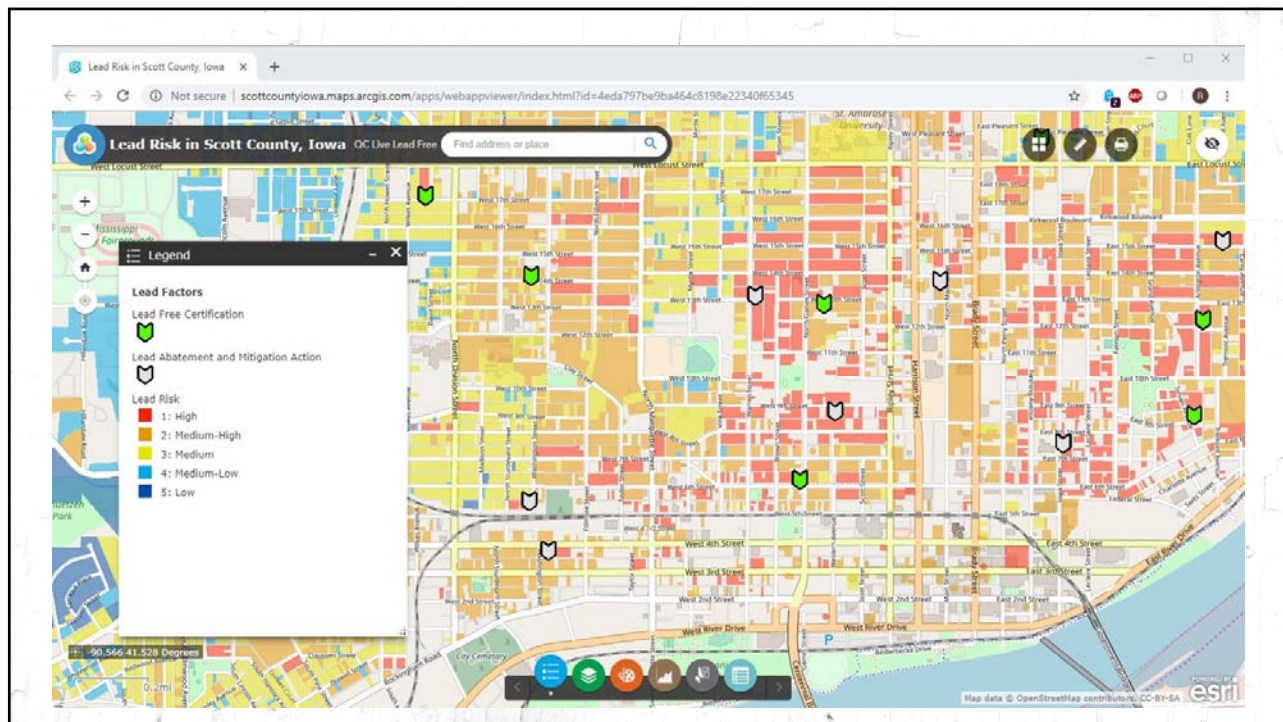
- Maryland:
 - Lead Hazard Reduction Grant and Loan Program
 - Maximum of \$25,000 per unit.
 - 0% - 10% match, income dependent
- Alameda County, California
 - \$10,000 grant per unit
 - Residential - family housing – low income
 - Rental properties must be made available to low income families with priority to children under six.

Scott County Action on Lead

- Inclusion in Strategic Plan as “High Priority”
- Appropriated \$100,000 for FY 19
- Partnership with Live Lead Free Quad Cities
- Encouragement and support for charitable applications.
- Staff time allocated for participation

Scott County Action on Lead

- Scott County GIS is working with LLFQC to develop a Lead-Safe Housing Registry.
- Available as a webpage or mobile app.
- Identifies lead safe properties for those seeking to rent or purchase.
- Functionality much like Zillow and Trulia



Scott County Action on Lead

Now, we'll move forward on remediation cases with the funds provided by the Board of Supervisors.

Scott County Action on Lead

- List of nine properties meeting criteria.
- Reach out to owners regarding interest and cost sharing.
- Scott County Housing Council will be operational arm.
- CAEI has agreed to also perform remediation.
- Scott County Health Department will perform lead clearances for cases under our management.

Remediation case selection hierarchy Scott County Government Funds

1. Blood level 20 mcg/dl or greater*
2. Blood level 15-19 mcg/dl*
3. Blood level 10-14 mcg/dl*
4. Blood level 3.5-9 mcg/dl *
 - a. Verified lead risk residence
 - b. In risk area 1 or 2*
 - c. In risk area 3*
5. Newborn to reside in known lead risk residence
6. Newborn to reside in high risk area
 - a. In risk area 1 or 2**
 - b. In risk area 3**
7. Structure in risk area 1-3 with children in residence: no child with positive blood lead test. † **
 - a. Number of children in residence and level of hazard considered if prioritization needed.

* Venous results

** Requires verification of lead presence.

† Childhood lead poisoning prevention.

Questions?

