

Working Cities Challenge Learning Community

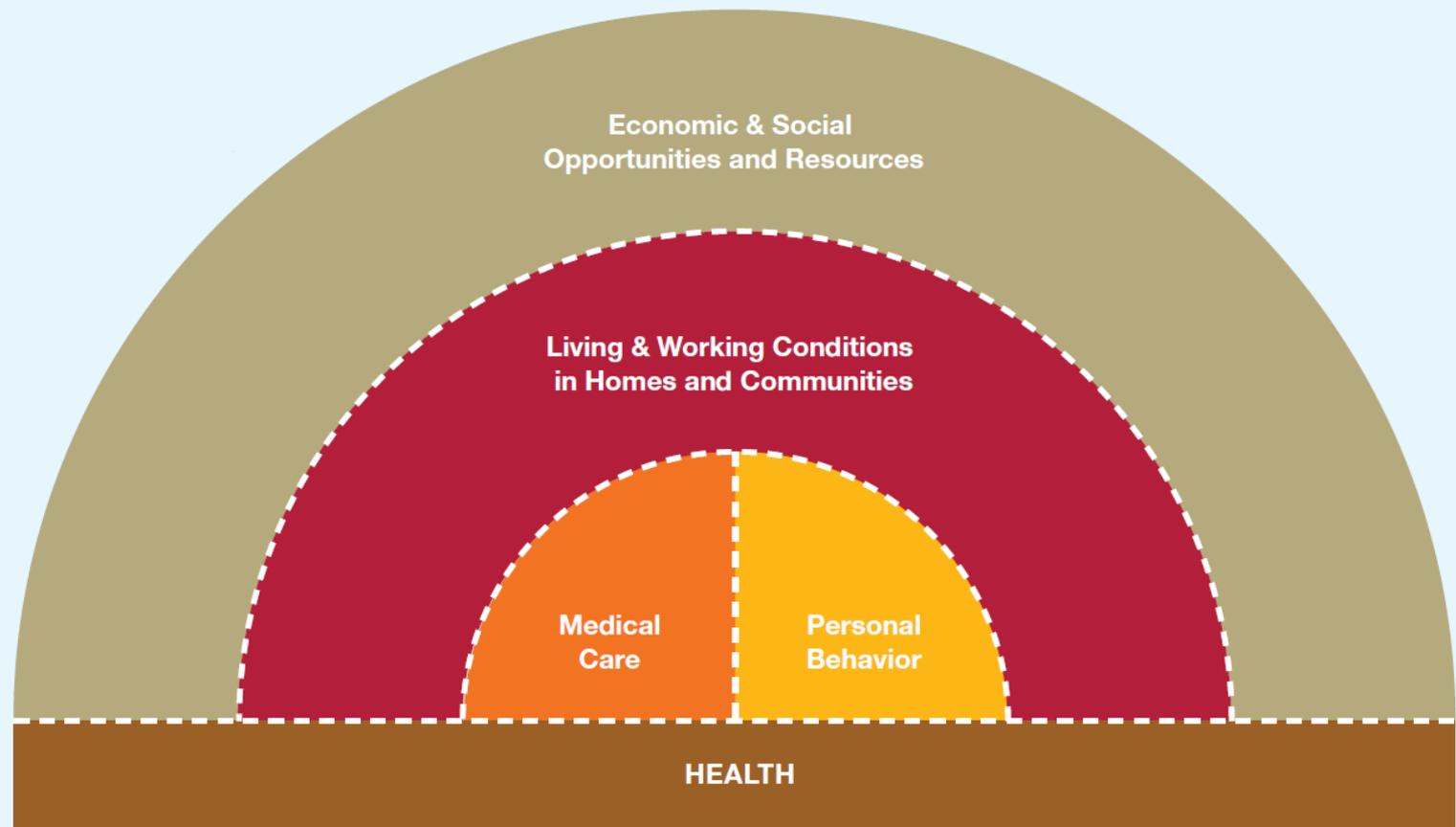
**Lifting People and Places Out of Poverty:
Strategies for Linking Human Capital and
Neighborhood Development**

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Associate Chair for Community Child Health,
Cincinnati Children's Hospital Medical Center

March 12, 2015

Influences on Health: Broadening the Focus



Overcoming Obstacles to Health, Robert Wood Johnson Foundation, 2008

Changing the Outcome, Closing the Gap

Population health work

- Asthma and housing
 - Community agency - health care collaborations
 - Beyond collaborations to networked production
- Moving beyond health care
 - Hospital level
 - Clinic level

Population Health Initiative

Hamilton County: 190,000 children age 0-17yrs

Cincinnati 66,000 children 0-17 yrs

Goal and Initiatives

Vision

Be the leader in improving child health

Purpose

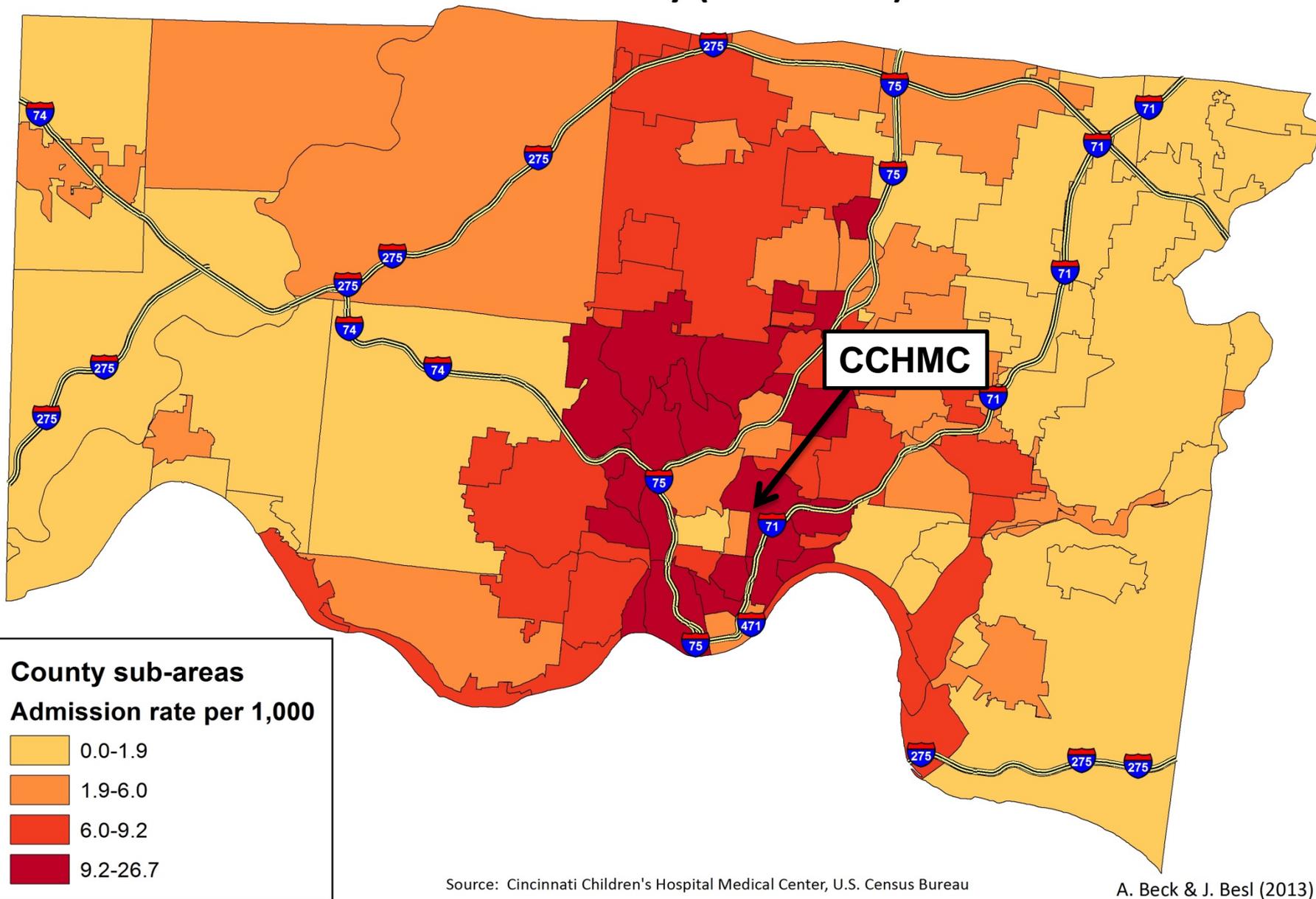
Lead, advocate and collaborate to measurably improve the health of local children and reduce disparities in targeted populations

High Level Measures

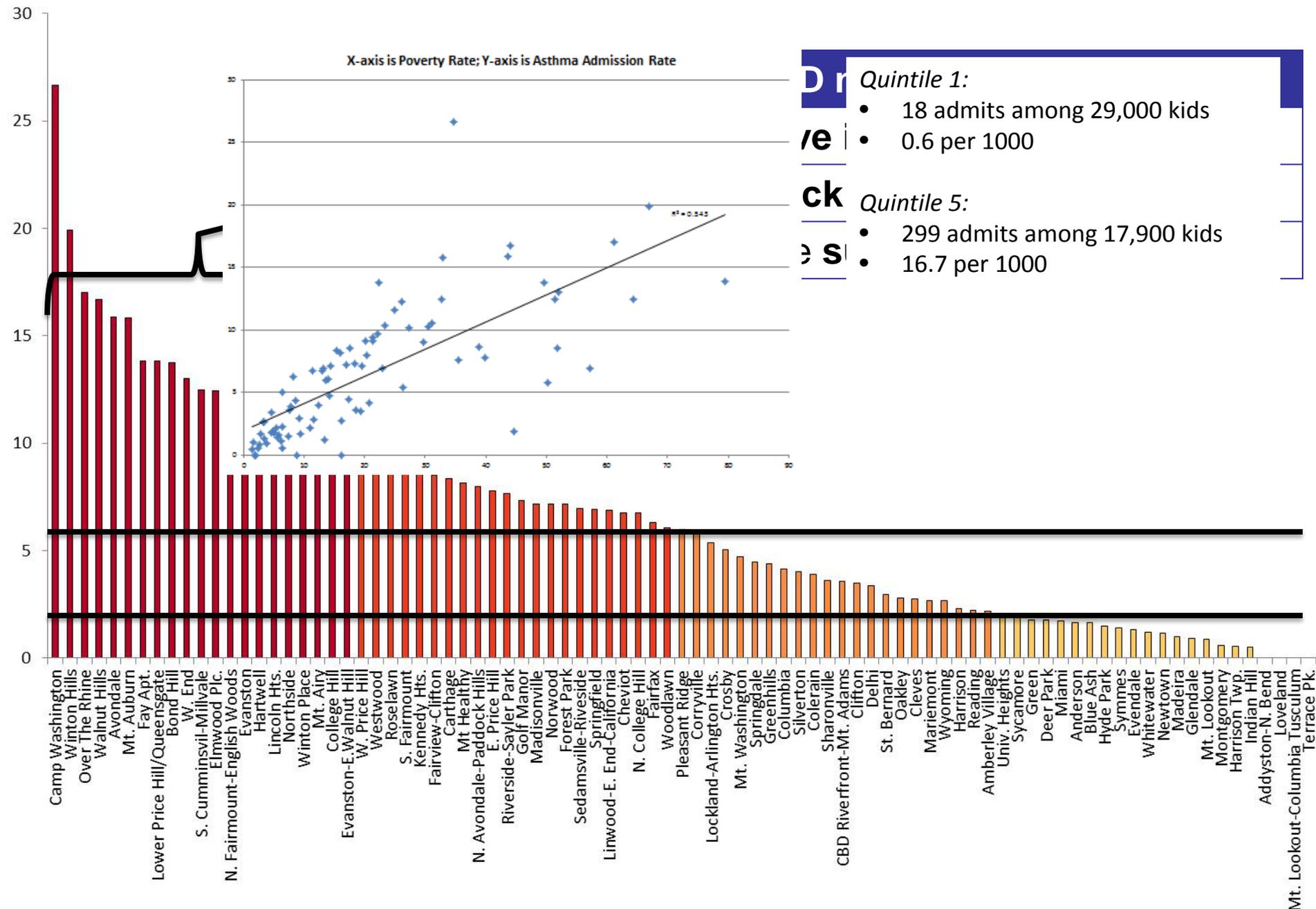
By June 30 2015,

- Reduce the use of the ED and inpatient services by 20% in children with **asthma** covered by Medicaid

Asthma admissions to Cincinnati Children's Hospital, children ages 1-16, Hamilton County (2010-2012)



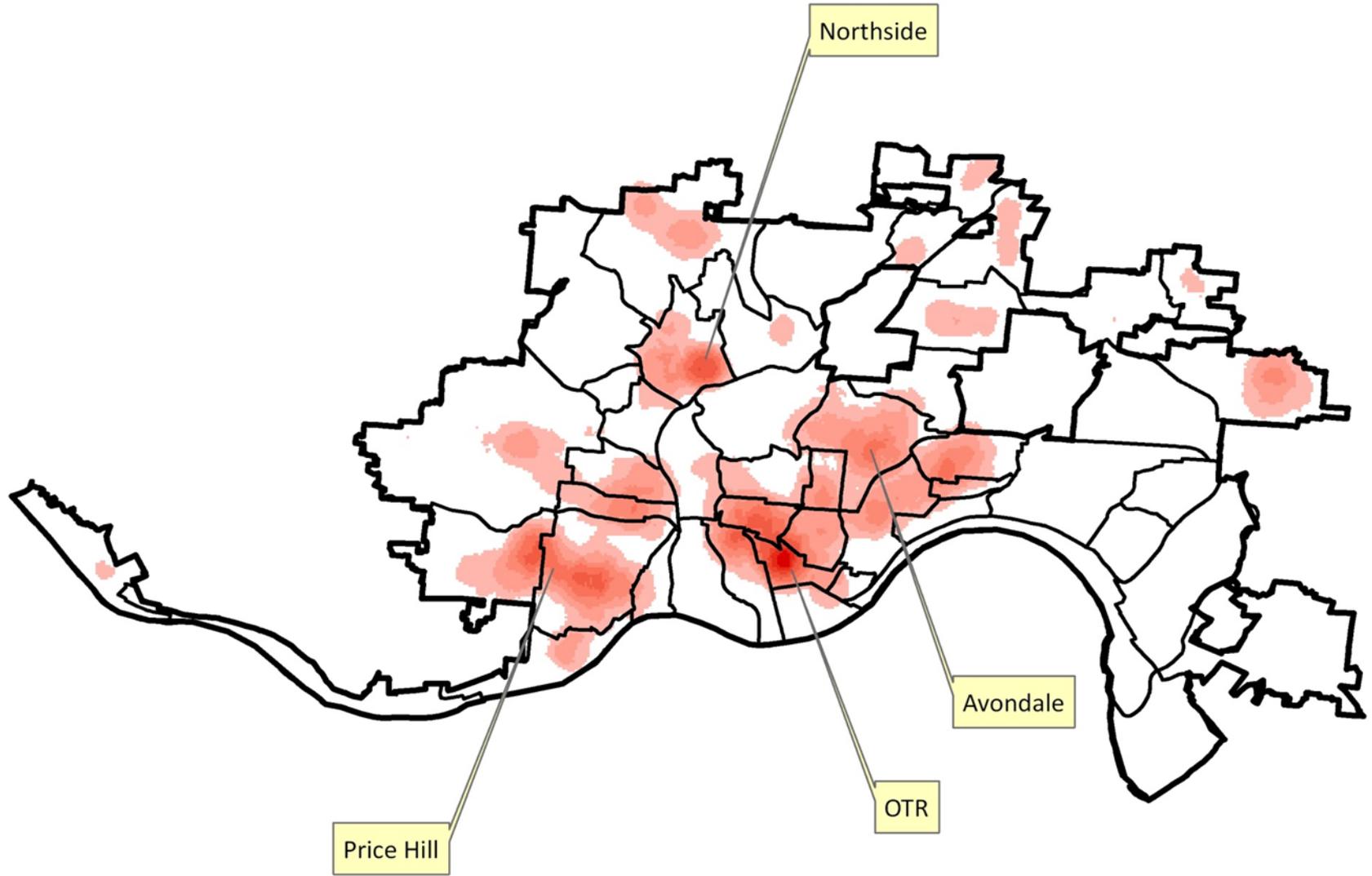
Asthma admission rate per 1,000 children (by neighborhood)



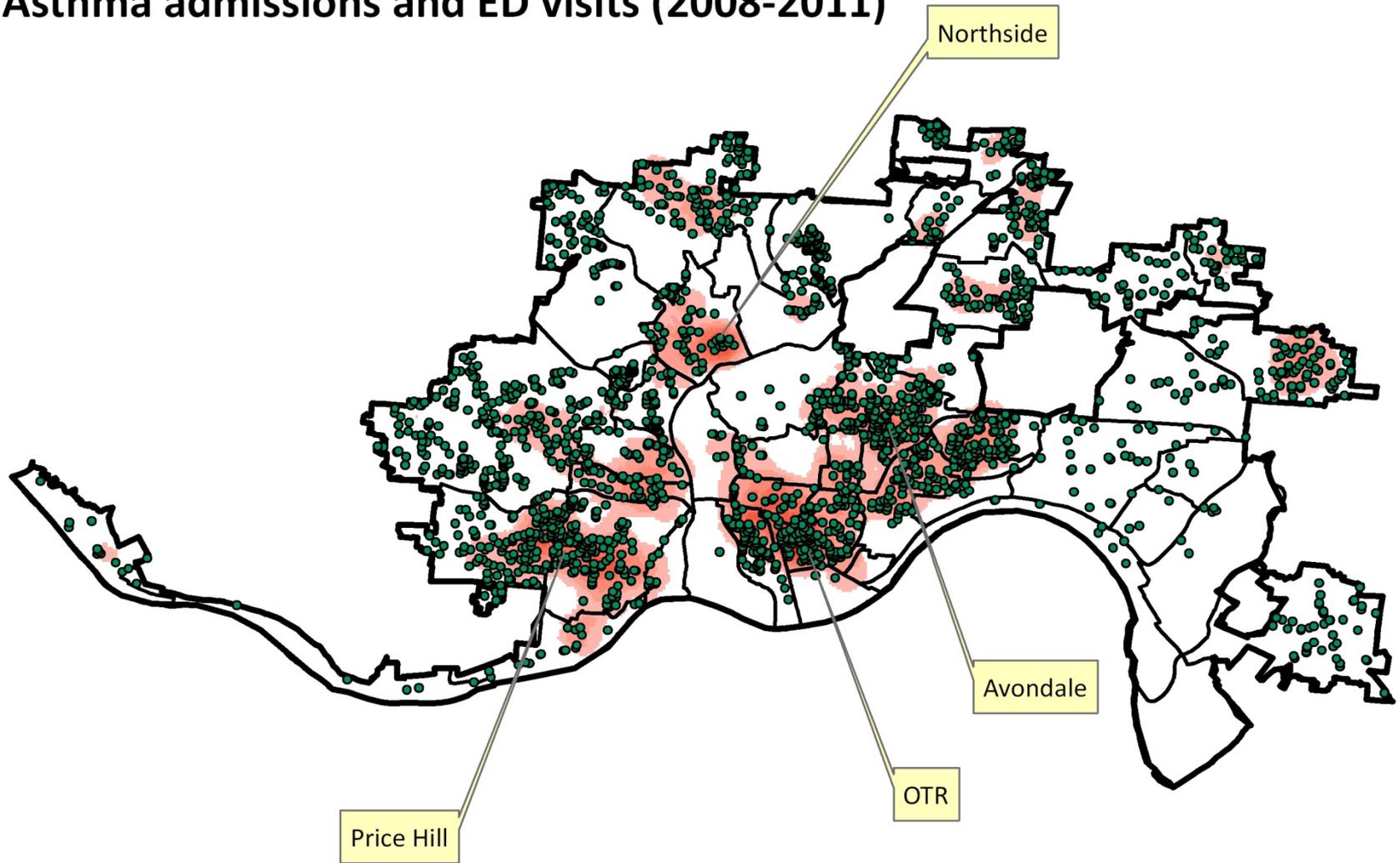
Who are the critical partners?

- Pharmacies
- Cincinnati Public Schools
- Cincinnati Health Department
- Community Development Corp
- Community health workers
- *Legal Aid Society*

Building code violation density



Building code violation density & Asthma admissions and ED visits (2008-2011)



CINCY URBAN APARTMENTS

1003 Lincoln Avenue

Cincinnati, Ohio 45206

(513) 221-1212

(513) 221-4121 FAX

NOTICE TO ALL RESIDENTS

May 24, 2010

At this time all residents are not permitted to install any a/c units for your apartment.

Anyone with an a/c unit will be evicted immediately.

Thank you
Management

innati
dren's

Attacking social determinants directly

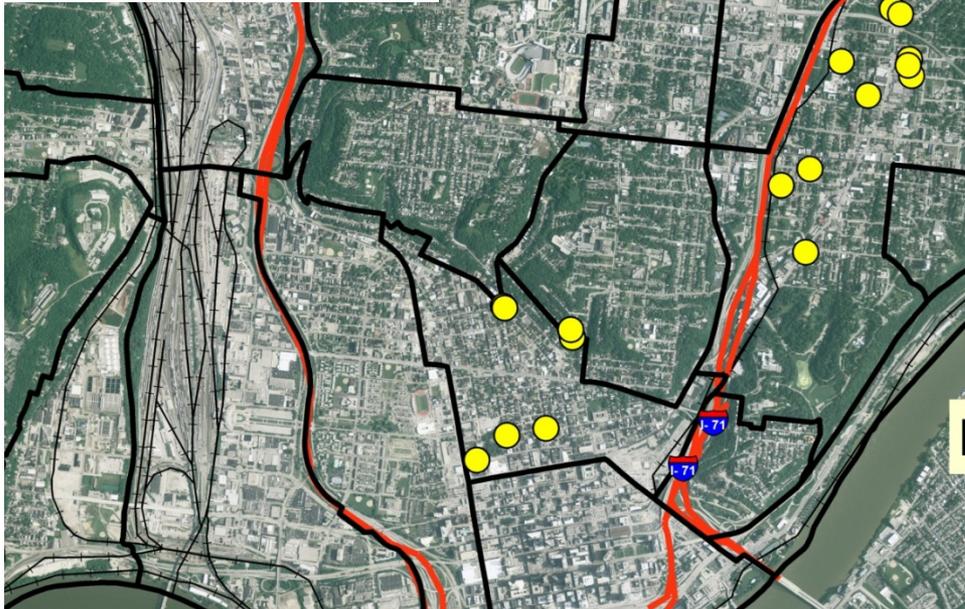
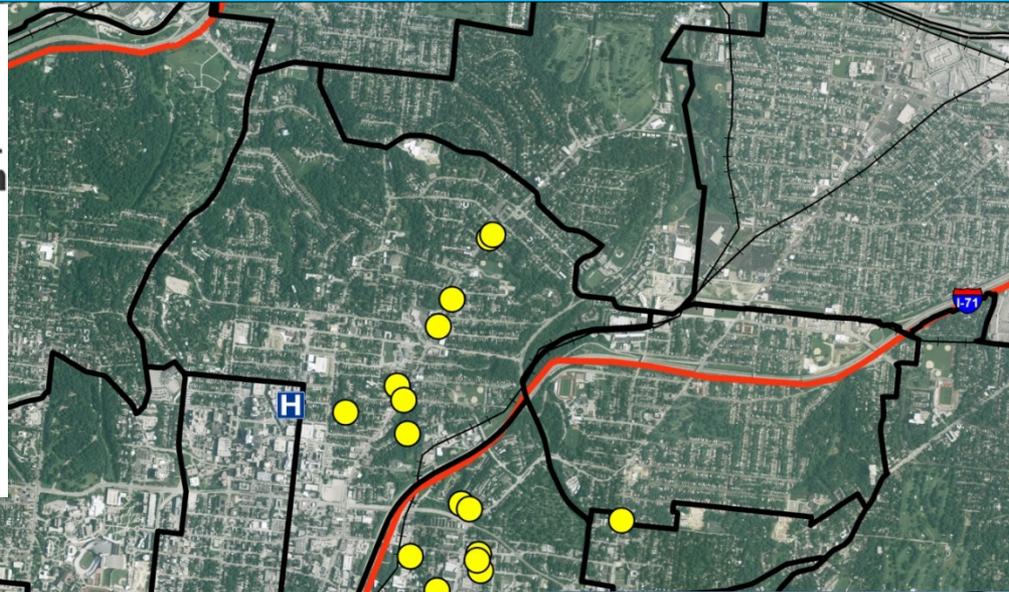
THE ENQUIRER
Cincinnati.Com

**Upkeep neglect
bedevils tenants**

Written by

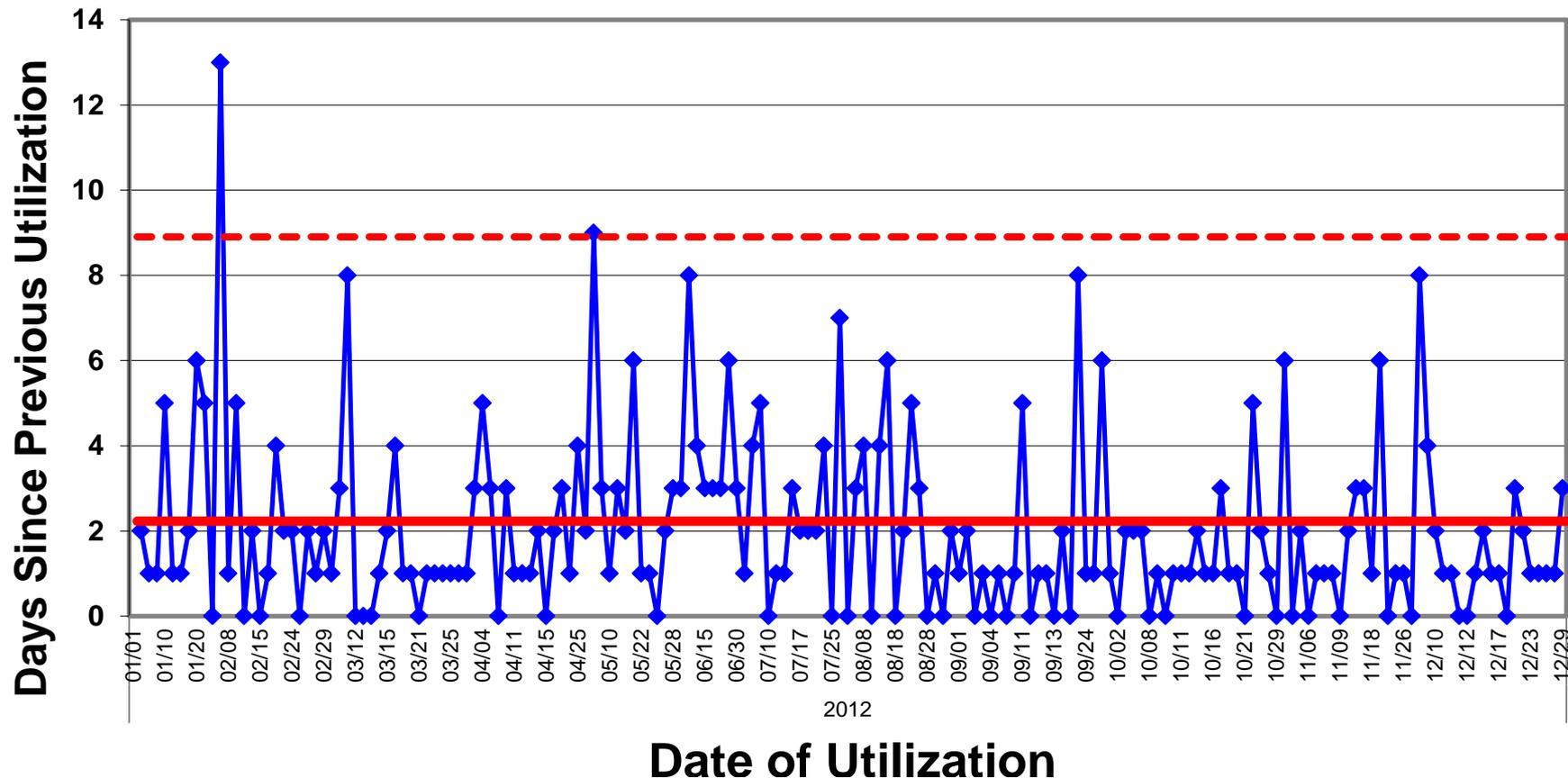
Lisa Bernard-Kuhn
lbernard@enquirer.com

10:01 PM, Mar. 12, 2011



Avondale and Asthma – Neighborhood approach

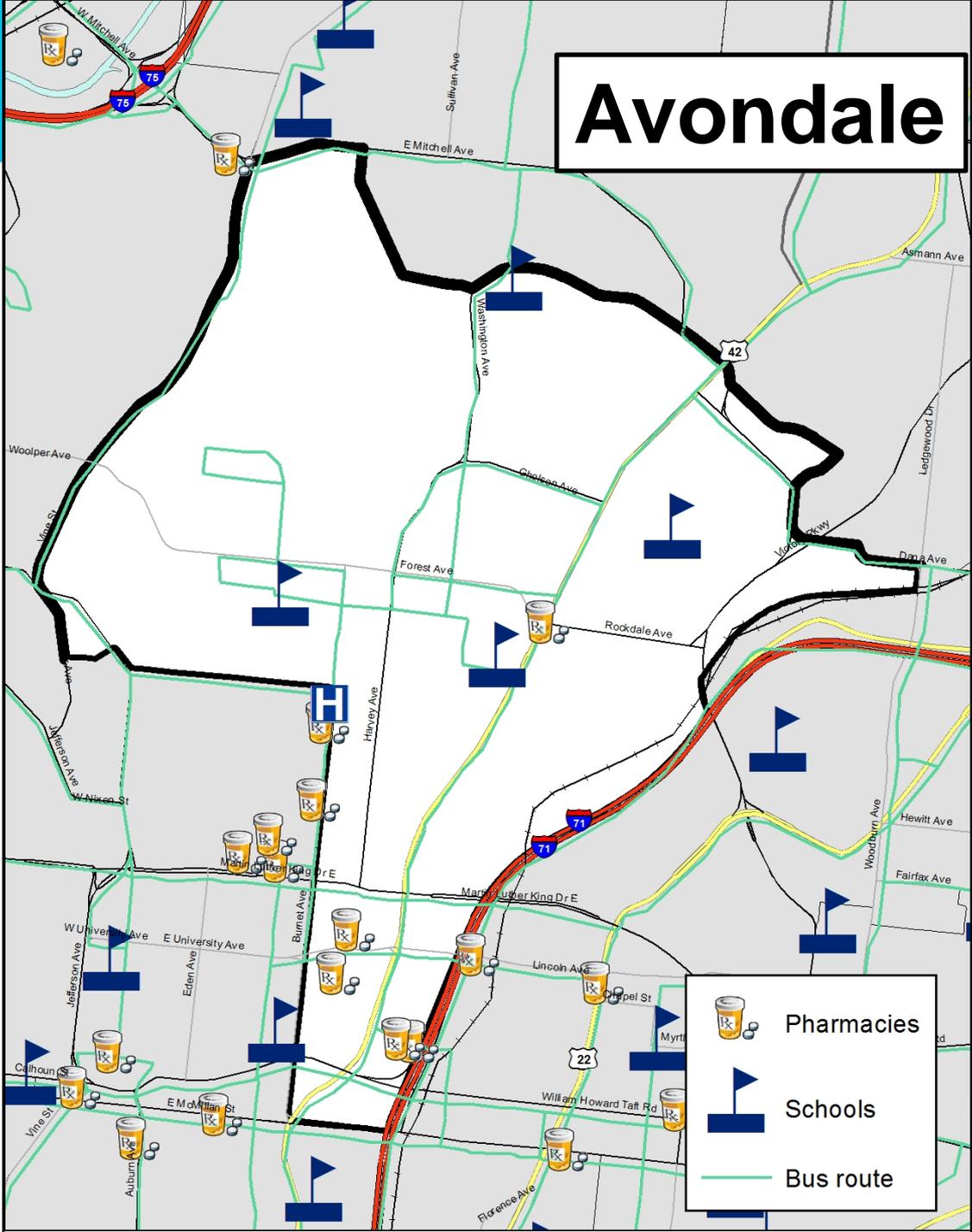
181 total utilizations – 130 ED visits, 51 admissions



◆ Days Since Previous Utilization — Average Days Between Utilizations - - - Control Limits

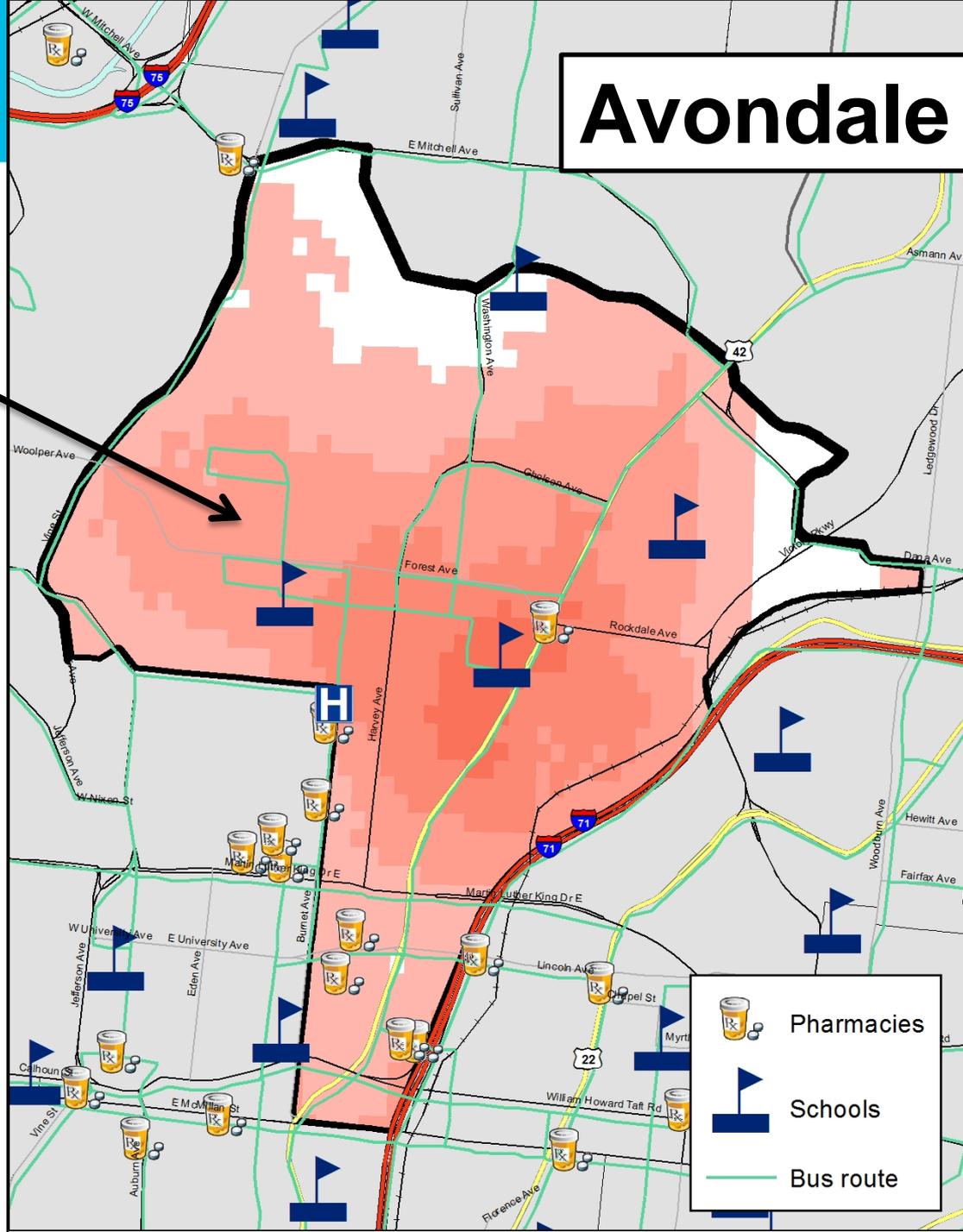


Avondale

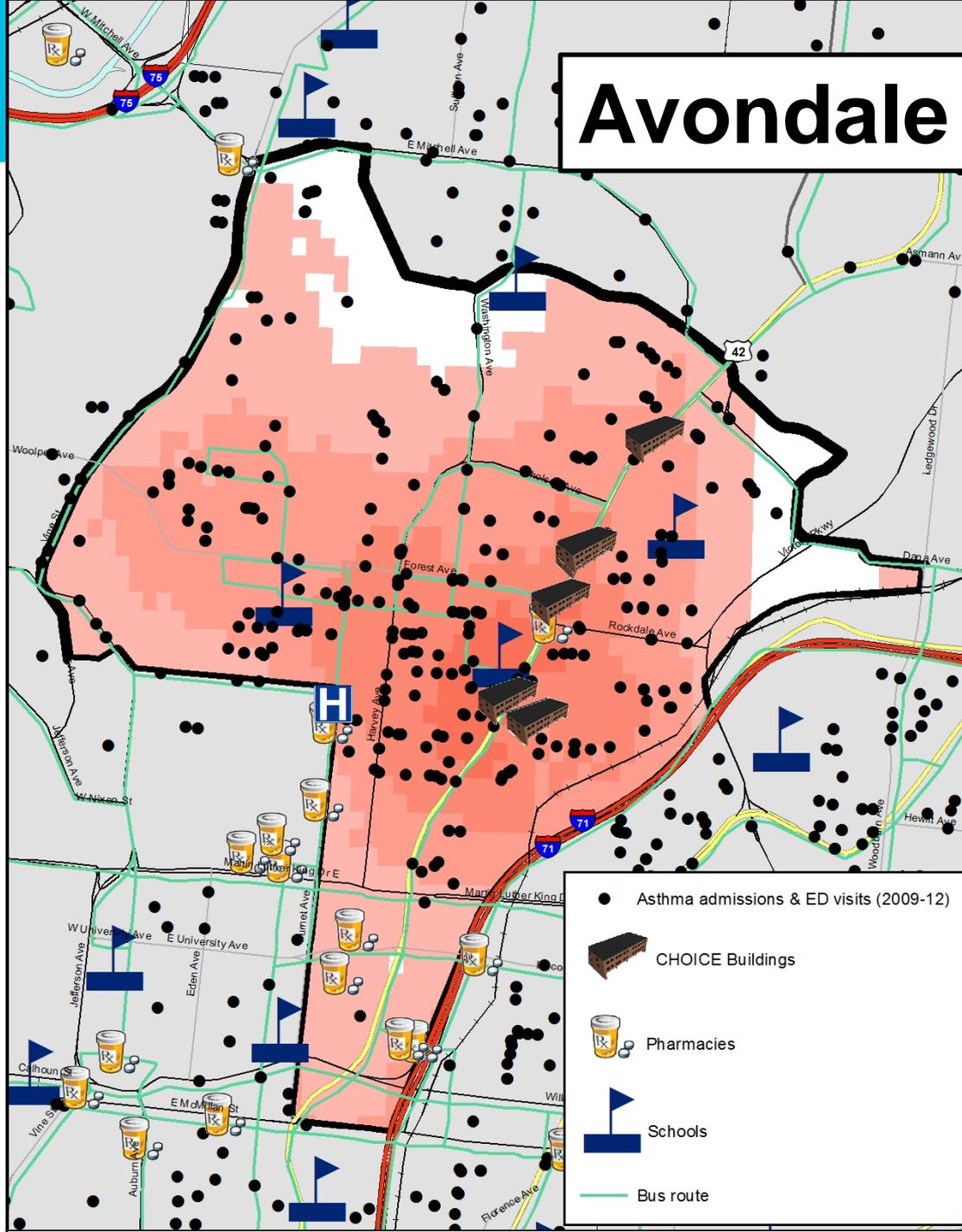


Avondale

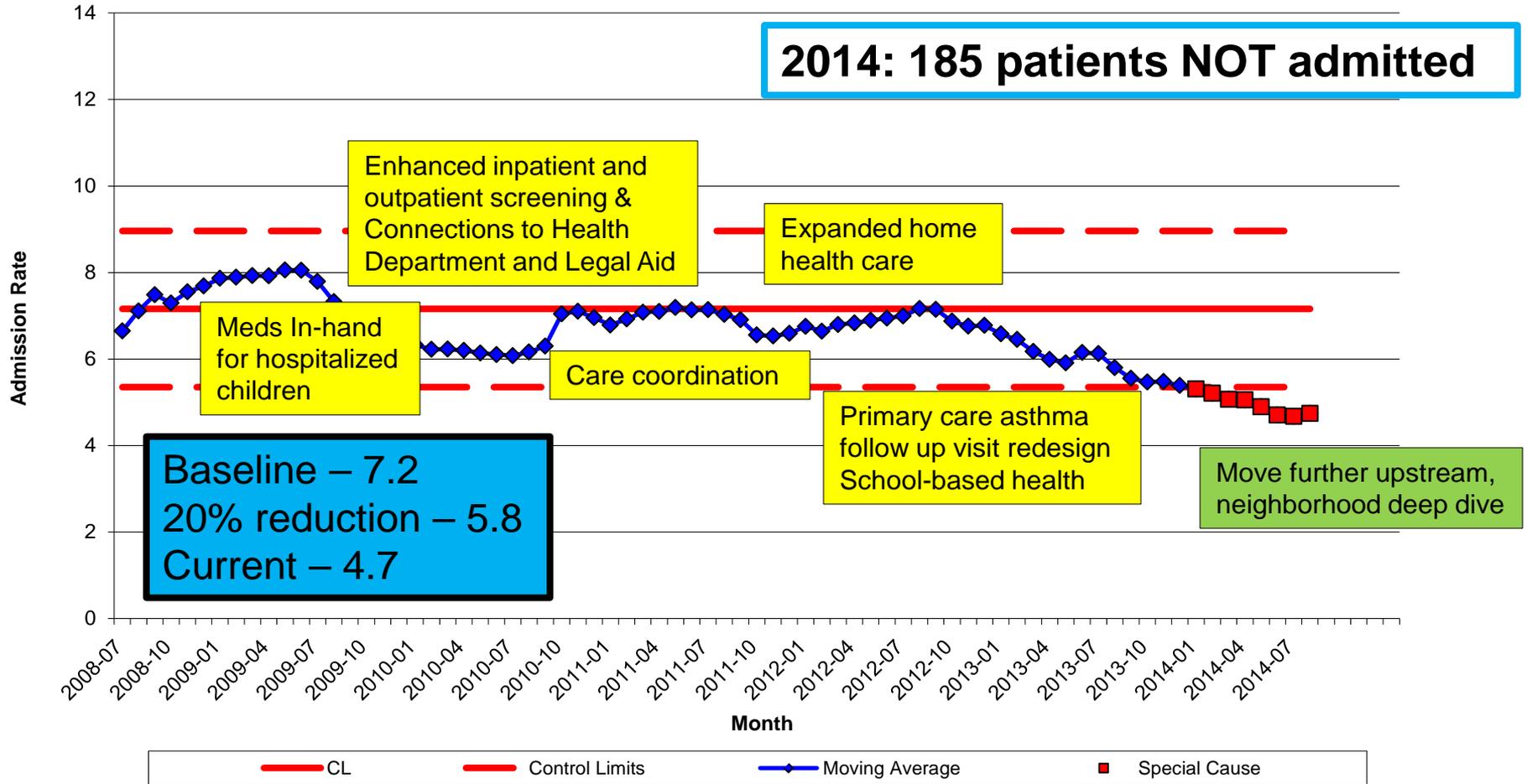
“Heat map”
of building
code
violations



Avondale



Rolling 12 Month Average Number of Admissions per 10,000 Hamilton Co. Medicaid Patients age 2 through 17 years old



Last update: 09-19-14 by T. Cole

Data source: Epic

Population Health Initiative

Hamilton County: 190,000 children age birth -17yrs

Goal and Initiatives

Purpose

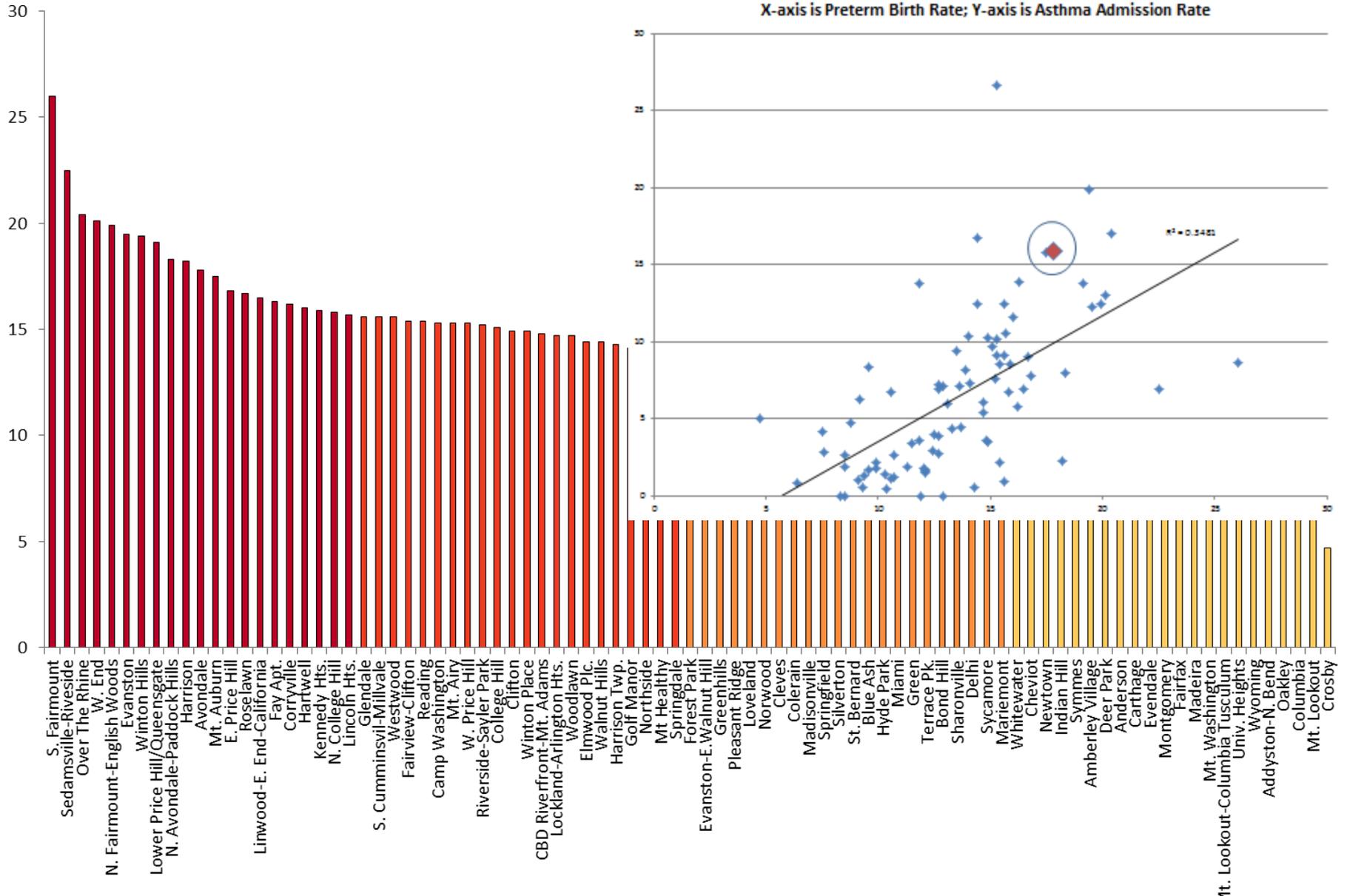
Lead, advocate and collaborate to measurably improve the health of local children and reduce disparities in targeted populations

By June 30 2015,

- Reduce the use of the ED and inpatient services by 20% in children with **asthma** covered by Medicaid
- Reduce **infant mortality** by 15%, 20 infant deaths per year
- Reduce the occurrence of **unintentional pediatric injuries** 30%
- Reverse the trend of increasing childhood **obesity** in grades K-3
- *Early mental health promotion and intervention*
- *School readiness and Grade 3 reading*

Other health conditions in Hamilton County

Preterm birth rate (per 100), 3 year average (2010-2012)



Moving beyond health care: Clinics

What A Prepared Clinic Will Detect

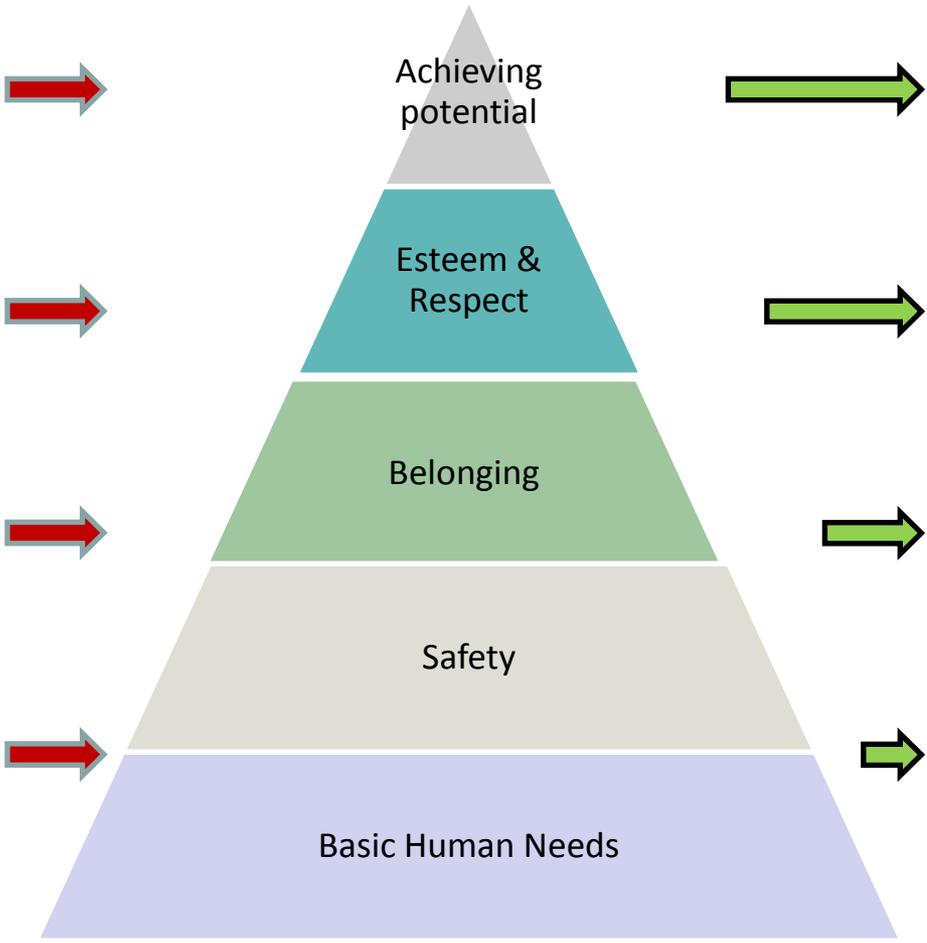
Unemployment; lack of high school degree; higher level job training

Overwhelmed new parents; lack of parenting role models

Domestic violence; mental health issues; inadequate education services

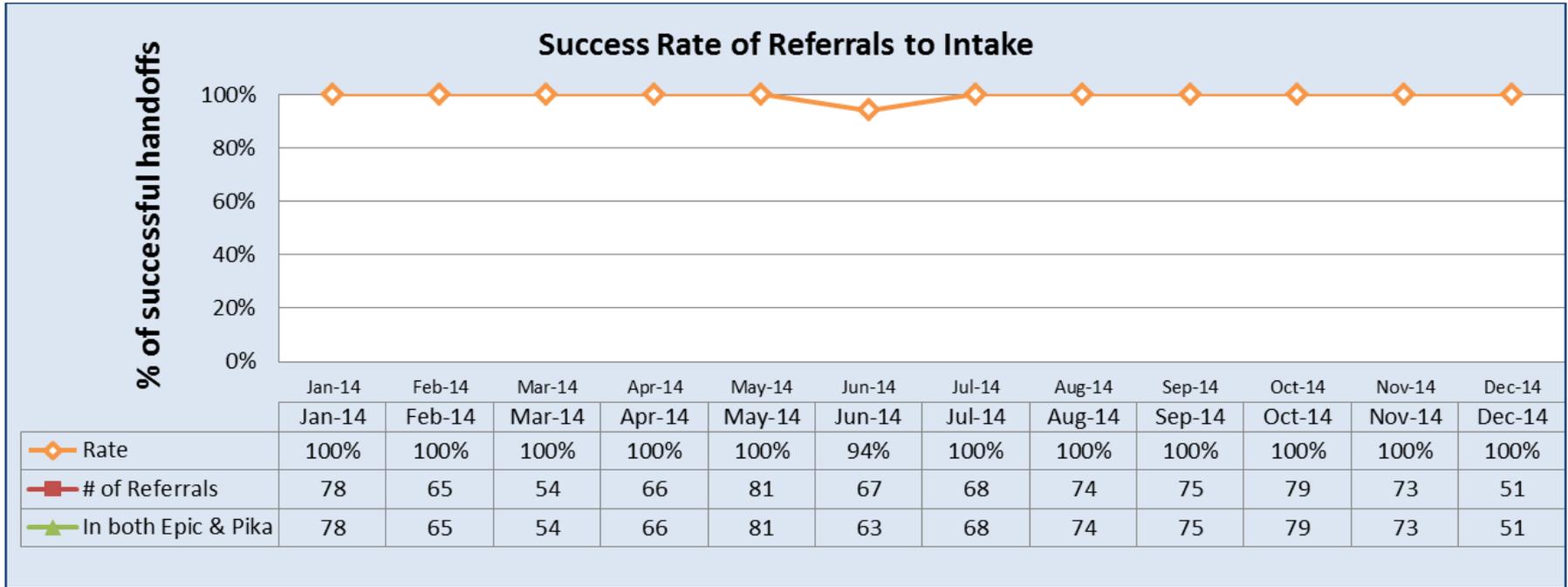
Hunger; homelessness; denial or delay of benefits; utility shut offs

Maslow's Hierarchy of Needs



Potential Collaborations

Using QI to enhance partnership



Lessons

- Shared vision – change outcomes, close the gap, and develop intentionality
- Population denominator approach
 - Otherwise great silos, lousy outcomes
 - Measurement and analytic capacity
- Building network of partnerships
 - Span missions, but also daily operations, data
- Building innovation and improvement capacity
 - community capacity for design thinking, QI, measurement
- Funding – hospital, foundation, payment reform, community development

Thank you!

- Robert.kahn@cchmc.org
- @docrob64
- Cincinnati Children's Hospital Medical Center
- 513-636-4369

What's Preventing Collaboration Between the Health and Community Development Sectors?

figure 13 A 2013 survey found that while collaboration between the health, finance and community development sectors is occurring, barriers to collaboration remain and can be reduced.

Attributes

Adequate funding

Shared vision, goals

Skilled leadership

Mutual respect

Established relationships, communication

Innovation

Collaboration history

Existing models, best practices

Inadequate Funding and Resources



Lack of Shared Vision and Common Goal



Lack of Skilled Leadership



Lack of Mutual Understanding and Respect Among Partner Organizations



Lack of Well-established Relationships and Communication links with Potential Partner Organizations



Inability to be Innovative



No History of Collaboration in the Community



Lack of Existing Models or Best Practices to Follow



Another Factors



Network of care

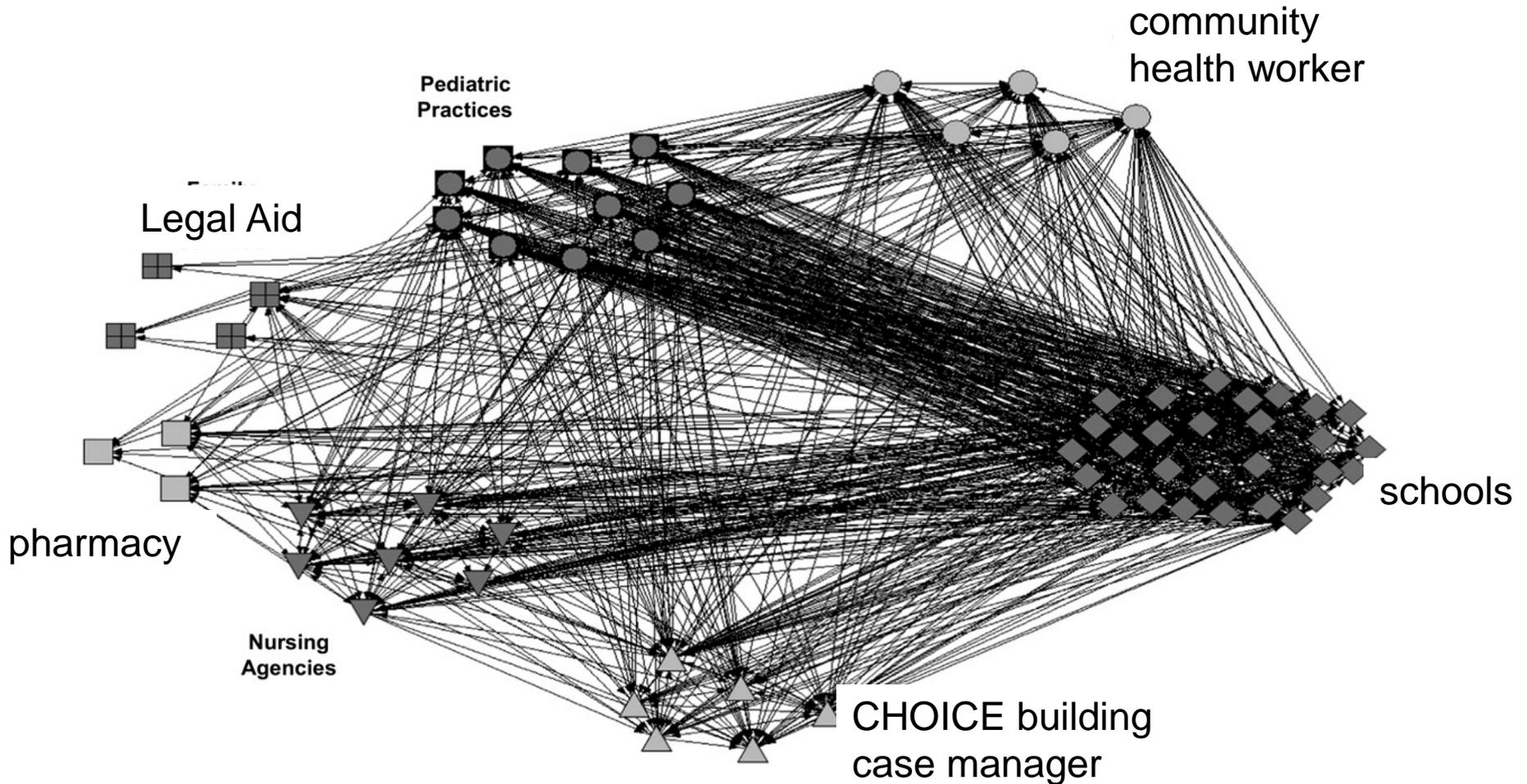


Figure. Collaborations between agencies serving children with complex chronic conditions. Acad Ped 2012