Using Population Health Data to Address the Social Determinants of Child Health

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Clinical challenges

- 12 yo F with her 3rd asthma admission in 5 months, 1 to the ICU
- 23 mo M with a fall down stairs that had no gate
- 28 week premature F infant whose mother had one prenatal care visit and did not return
Cincinnati Asthma Admissions and Neighborhood Asthma Hotspots

Legal Aid Housing Cases Mapped Against Neighborhood Asthma Hotspots
Early Population Health Lessons

- Goal – improve clinical outcomes for EVERY child and also to reduce disparities
- Focus on population denominators
  - Otherwise great silos, lousy outcomes
  - Knowing where patients live, key neighborhoods with largest overlap
- Build effective network of partnerships to address social determinants – using data on shared clients, shared geography
- Develop deeper understanding and empathy
- Take a public health systems approach to health risks
- Hope payment reform incentivizes change