Where’s the Value?
Finding the Data to Demonstrate Value

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The Challenge: Demonstrating the Value of Supportive Housing

- Health Care for the Homeless is working with the City of Baltimore and researchers from Johns Hopkins to identify and demonstrate the value of supportive housing
- Economic Value and Health Outcomes
- Analyzing HCH’s Supportive Housing Program
Data sources: Internal

- Marble notebooks
- Excel spreadsheets
- Access databases
- Paper Charts
- Unstructured data in EHR
- Structured data in EHR
Creating Structured Data

- Enter info into EHR
  - Housing program type
  - Date of entry into program
  - Status in program
External Health Data Sources

• Statewide Health Information Exchange (HIE)
  – Emergency Department visits
  – Hospitalizations
  – Minimal ambulatory care visit data

• Behavioral Health System
  – Residential/Inpatient Substance Use Disorder treatment

• Insurer claims data
  – Prescription Drug
  – Ambulatory Care visits
External Social Services Data Sources

• HMIS (Homeless Management Information System)
  – Social Services utilization: shelter, benefits
• Police
• Criminal Justice System
  – Jail
  – Prison
• EMS
Challenges in Bringing Data Together

• Client matching
  – How do you know that a given person in your health record is the same person in another system’s record
  – Name, DOB, address, phone, social security number

• Privacy
  – Differing privacy standards across sectors and organizations
  – Individual vs aggregated data

• Shared vision for data use

• Data storage & ownership