The Memphis Community Health Record Project

Ray King PhD, MSc
Epidemiologist/Health Scientist (Informatics), IHRC, Inc.

Shelby County Health Department, Methodist Le Bonheur Healthcare, Common Table Health Alliance, TN Department of Health, CDC

The findings and conclusions in this presentation are those of the author & do not necessarily represent the views of the Centers for Disease Control & Prevention
What’s Not Working?

- **Information Access**
  - Efficient Access
  - Sub-County Data
  - Transparent
  - Reliable
  - Timely

- **Multisector Data & System Integration**

- **Community Health Assessments & Surveys**
What's Beginning to Work?

1) A **FRAMEWORK** to guide multisector collaboration & information exchange;
2) A **TOOL/SYSTEM** for integrating & transforming data into actionable information.
CHR Framework

PUBLIC HEALTH

CHR: Improved Population Health


Capacity Building  Pilots

Shared Understanding  Common Agenda  Collective Needs & Requirements

Collaborative

Legend
Collaboration & Information Exchange
CHR System

DATA SOURCES
- HEALTHCARE
- LOCAL HD
- STATE HD
- OTHER SECTORS

TN DATA WAREHOUSE
- LOCAL HD
- STATE HD
- HEALTHCARE
- HIE
- OTHER SECTORS (Determinants)
- WEB SERVICES
- ACCESS CONTROL

END-USERS
- HEALTHCARE (Clinical Decision Support)
- LOCAL HD (Pop Health Decision Support)
- STATE HD (Pop Health Decision Support)
- OTHER SECTORS (Decision Support)

DECISION SUPPORT TOOLS

IMPROVED HEALTH
- Multisector Population Health
- Data Streams for Community Health
- Resources Targeted to Areas of Greatest Need
- Resources Targeted to Patients at Greatest Need
- Clinical-Community Linkages
- Clinical Quality
rjking@cdc.gov