



# **The Community Health Data Base: Connecting Local Institutions to Population Data**

**Medical Library Association, Philadelphia Regional Chapter**

**Annual Business Meeting and Reception**

**April 6, 2011**

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## About PHMC

*Public Health Management Corporation (formerly Philadelphia Health Management Corporation) is a non-profit public health institute offering a diverse mix of programs and services. For more: [www.phmc.org](http://www.phmc.org)*

Addictions Services

Health Promotion, Injury Prevention

Criminal Justice Treatment Initiatives

Early Intervention Service for Infants and Toddlers

HIV/AIDS Prevention

Nurse Managed Care

Services to Homeless

Research and Evaluation (R&E)



# What is the CHDB?

- The Community Health Data Base (CHDB) **provides population-based data** to health and human services organizations, government agencies, and academic institutions interested in gaining a better understanding of the communities they serve and how to best meet their needs.
- The CHDB **collects primary data** through its biennial Southeastern Pennsylvania Household Health Survey and provides access to secondary data sets such as the U.S. Census and Pennsylvania vital statistics.



# The Need for **Population Health Data**

- **Clinical Data**
  - Provide a picture of those **receiving care**
- **Program Data**
  - Provide a picture of those attending sessions, **receiving services**
- **Population Data**
  - Provides a picture of the **entire population**
    - country, state, county, neighborhood

# Sources of **Population Health Data**

- **National Surveys**
  - National Health Interview Survey (NHIS)
  - National Health and Nutrition Examination Survey (NHANES)
  - Behavioral Risk Factor Surveillance System (BRFSS)

...and many more

# The Need for **Local** Population Health Data

- Geographic and demographic communities have diverse needs
- National, state, and county-level data insufficient to assess and demonstrate local needs



# The Need for **Local** Population Health Data

**neighborhood factors influence health**

environmental exposures

pollutants  
proximity to industry  
traffic  
deteriorating housing



# The Need for **Local** Population Health Data

**neighborhood factors influence health**

food and physical activity

access to parks and playgrounds

walkability

access to supermarkets

fast food chains

corner stores



# The Need for **Local** Population Health Data

**neighborhood factors influence health**

socioeconomics

“poor neighborhoods” and poor health  
lower quality schools  
fewer employment opportunities



# The Need for **Local** Population Health Data

**neighborhood factors influence health**

social environment

trust in neighbors  
neighbors working together  
risk of victimization  
witnessing violence



# The Need for **Local** Population Health Data

**neighborhood factors influence health**

proximity to resources

public transit  
commute distance  
access to healthcare providers  
emergency response time  
proximity to pharmacies



# The Need for Local Population Health Data

## Uninsured Adults 18-64

- **13%** in Pennsylvania<sup>1</sup>
- **11.4%** in SEPA<sup>2</sup>
- **16.1%** in Philadelphia<sup>2</sup>
- **19.4%** in Southwest Philadelphia<sup>2</sup>

Data Sources: 1) 2009 Behavioral Risk Factor Surveillance System, 2) 2010 Southeastern Pennsylvania Household Health Survey

# The Need for a **Centralized Source** of Local Population Health Data

- Population research is cost-prohibitive for most organizations
- Organizations must often preserve resources for direct services
- Technical research capacity is not available at most organizations

## Three Goals of the CHDB

### 1. To improve the quality and specificity of local data

assess  
priorities

monitor and  
understand change

programs based on  
documented need

# Three Goals of the CHDB

## 2. To enhance the capacity of health and human service agencies

improving access to data

increasing utilization of data

identify need

secure resources

plan programs

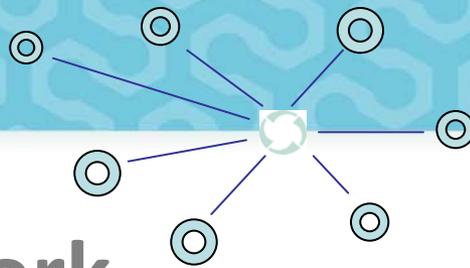
track outcomes

## Three Goals of the CHDB

### 3. To provide a forum for collaborative and networking opportunities

information sharing

reduce duplication of effort



# The CHDB Network

## Who participates in the Community Health Data Base?

**Foundations** – The Pew Charitable Trusts; William Penn Foundation; United Way of Southeastern Pennsylvania; The United Way of North Penn; CIGNA Foundation; Green Tree Community Health Foundation; Philadelphia Foundation; The North Penn Community Health Foundation; and the Thomas Scattergood Foundation.

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**Members** – Hospitals, health systems, managed care organizations, universities, and government agencies.

# CHDB Members

Albert Einstein Health System  
 Altarum Institute  
 Arcadia University  
 Bryn Mawr College  
 Chester County Department of Health  
 CIGNA Foundation  
 Crozer-Keystone Health System  
 Drexel University School of Public Health  
 Drexel University College of Medicine  
 Franklin and Marshall College  
 Haverford College  
 Health Partners  
 HIV Planning Council  
 Holy Redeemer Health System  
 Independence Blue Cross  
 Jefferson Health System

Jewish Federation of Greater Philadelphia  
 Keystone Mercy Health Plan  
 La Salle University  
 Main Line Health  
 Montgomery County Health Department  
 Office of HIV Planning  
 Penn State University  
 Philadelphia Corporation for Aging  
 Philadelphia Department of Public Health  
 Saint Joseph's University  
 St. Mary Medical Center  
 Swarthmore College  
 Temple University  
 Temple University School of Dentistry  
 Thomas Jefferson University  
 University of Pennsylvania  
 University of Notre Dame Law School  
 University of the Sciences in Philadelphia  
 Villanova University

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**Members** – Hospitals, health systems, managed care organizations, universities, and government agencies.

**Affiliates** – more than 350 community-based organizations from across the five-county region.



## (a few) CHDB Affiliates

AIDS Services in Asian Communities  
African Family Health Organization  
Arthritis Foundation  
BEBASHI  
Bucks County Drug and Alcohol Commission  
CARIE  
CHESPENN Health Services  
Children's Literacy Initiative  
Clean Air Council  
Congresso de Latinos Unidos  
Delaware County Head Start  
Eagles Youth Partnership  
Episcopal Community Services  
Family Services of Montgomery County  
The Food Trust  
GALAEI  
Greater Philadelphia Health Action  
Greater Philadelphia Coalition Against Hunger  
Habitat for Humanity of Montgomery County  
Health Promotion Council

Inter-Faith Housing Alliance  
Jewish Family and Children's Services  
Keystone Opportunity Center  
La Comunidad Hispana  
Living Beyond Breast Cancer  
Medical Mission Sisters  
National Nursing Centers Consortium  
Pennsylvania Health Law Project  
Philadelphia Unemployment Project  
Planned Parenthood of SEPA  
Quality Community Health Care, Inc  
Resources for Human Development  
The Salvation Army  
Senior Community Services  
Souderton School District  
The Clinic  
To Our Children's Future with Health  
Victim Services of Montgomery County

# Methodology in Brief: The Household Health Survey

A responsive dataset developed in collaboration with  
community partners

# Southeastern Pennsylvania Household Health Survey

- Interviews conducted in **10,000 households every two years**  
Total sample size: about **13,000 adults and children**
- Interviews conducted by telephone using **random digit dial**
- Oversample of persons 60+ and 75+
- Interviews in English & Spanish.
- Adult & child respondents selected using **last birthday method**.

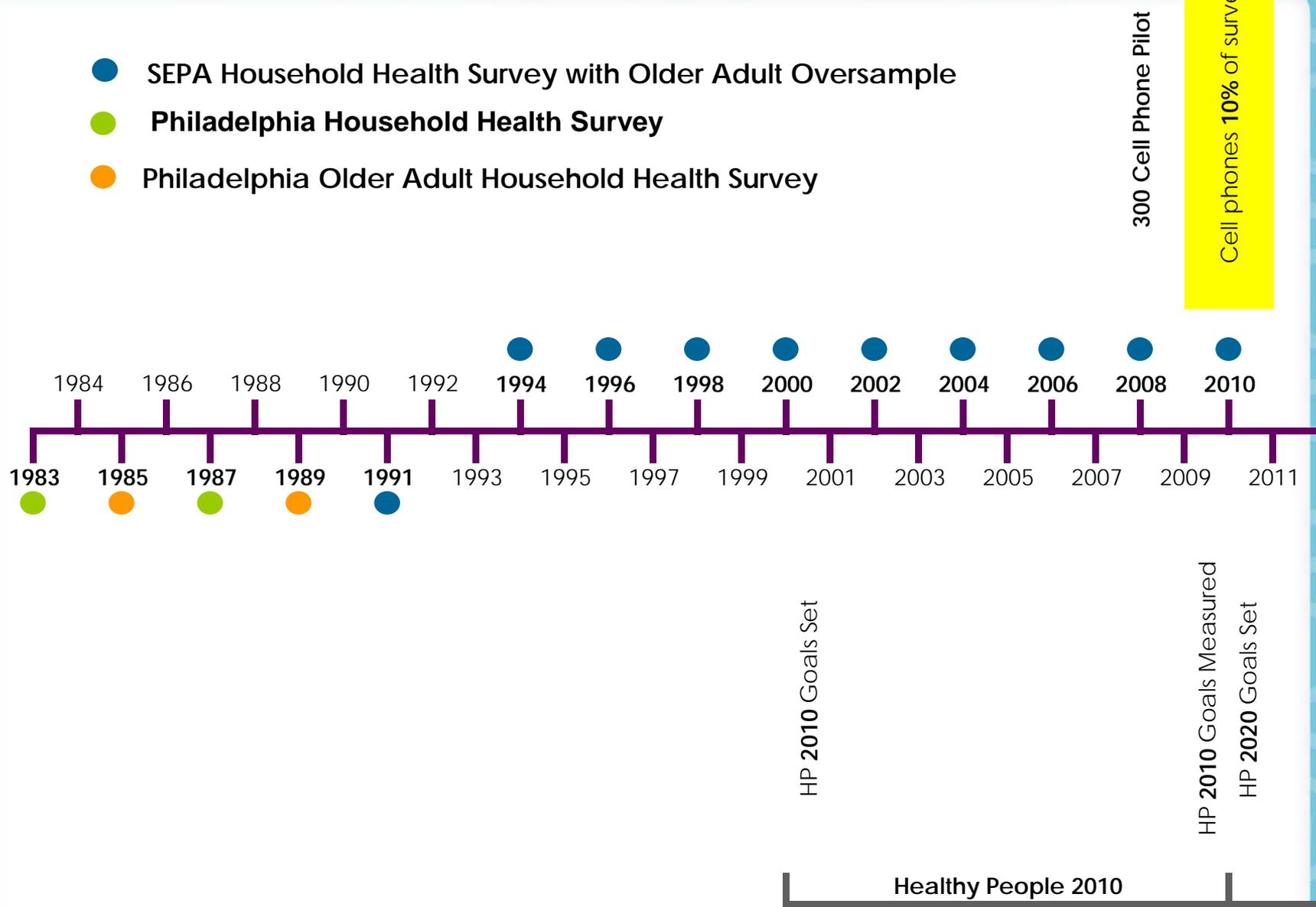


# Southeastern Pennsylvania Household Health Survey

- Geographic Reach:
  - Bucks
  - Chester
  - Delaware
  - Montgomery, and
  - Philadelphia Counties



- SEPA Household Health Survey with Older Adult Oversample
- Philadelphia Household Health Survey
- Philadelphia Older Adult Household Health Survey



Healthy People 2010