



Collecting and Utilizing Reliable Local Community Based Health Information

An Overview of PHMC's Community Health Data Base

2010

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. (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)



Strategic Local Research

A wide range of health and social service agencies use the Community Health Data Base for...

- Needs assessments
- Strategic growth decisions, facility planning
- Marketing and outreach
- Advocacy and public relations
- Grant-writing, development and institutional advancement
- Community health programming
- Disease management initiatives

The CHDB Network

Who participates in the Community Health Data Base?

Foundations – The Pew Charitable Trusts; The William Penn Foundation; United Way of Southeastern Pennsylvania; The Philadelphia Foundation and Healthcare Resources Foundation.

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

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

Data Sources

What data can I access through the Community Health Data Base?

- I. **Southeastern Pennsylvania Household Health Survey:** This is the CHDB's proprietary data set.
- II. **U.S. Census:** The CHDB provides selected data from the Census in useful aggregates and incorporates third-party data to provide interim projections
- III. **Vital Statistics:** Data from the State of PA formatted to provide epidemiological information on births and deaths.

I. Southeastern Pennsylvania Household Health Survey

- Survey began in 1983. Since 1994, the survey has been fielded every other year.
- Interviews are conducted by telephone using random-digit dial. Adult & child respondents selected using last birthday method.
 - 10,007 households
 - 9,707 land lines and 300 cell phones
 - Total sample size: about 13,000 adults and children
 - 3,000 interviews about selected child are conducted with child proxy.
- Oversample of persons 60+ and 75+
- Interviews in English & Spanish. Foreign-language proxy, if needed.

A trusted and comprehensive source of community health data for the region

Defining Your Community

GEOGRAPHIC

- Neighborhoods
- Census tracts
- ZIP codes
- Planning Analysis Sections
- Health districts
- Suburban townships
- County, region

DEMOGRAPHIC

- Any age/age group
- Women
- Children
- Older adults
- Ethnic and racial groups
- Below poverty level
- Uninsured
- Many other demos

More than 10,000 randomly selected households.
3,000 additional interviews regarding children living in those households—
for a **total of 13,000+ interviews.**

Counties: Bucks, Chester, Delaware, Montgomery and Philadelphia

Topic Areas

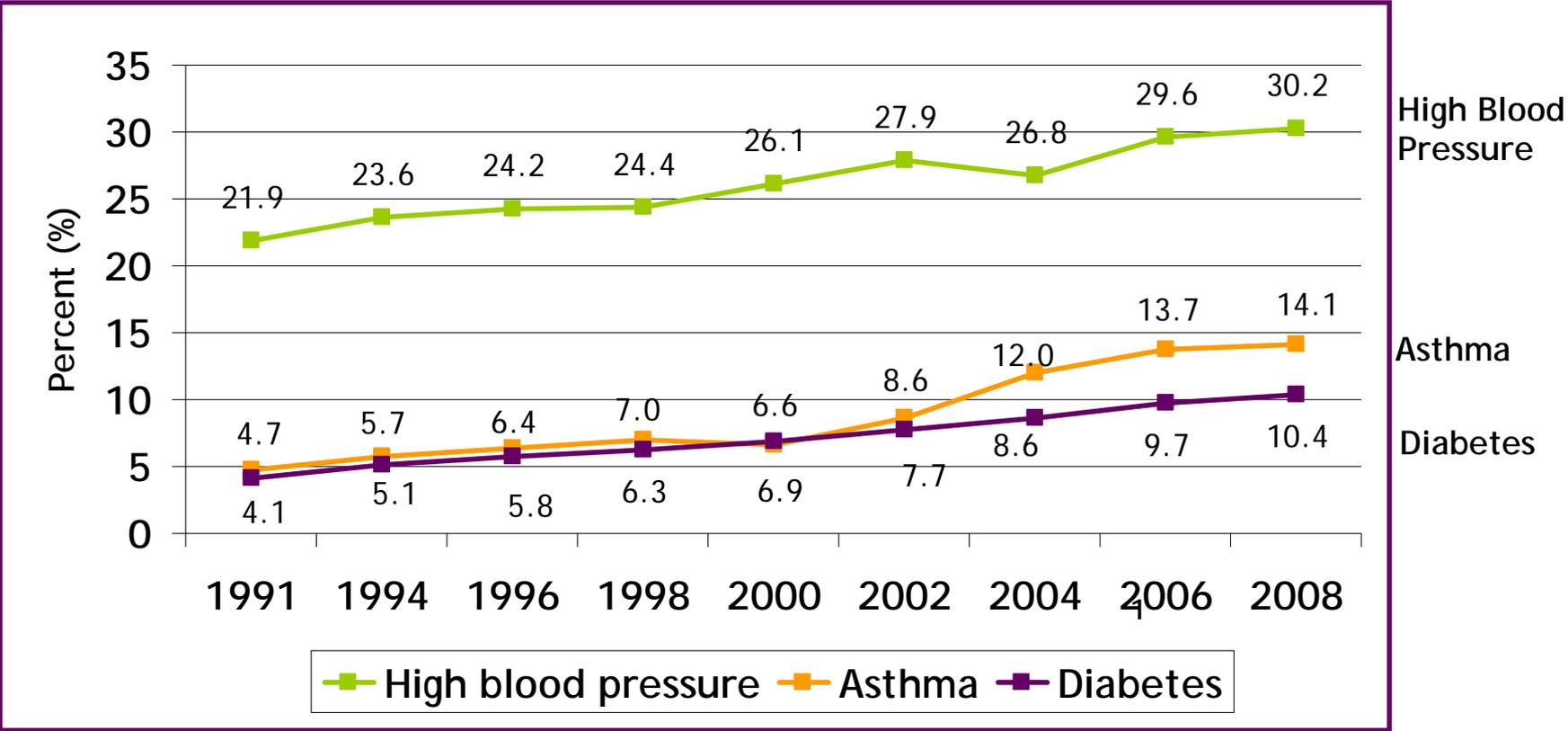
Health Status

- Self-reported health status
- Chronic health conditions: Asthma, Diabetes, high blood pressure & cholesterol,
- Use of prescription medications for asthma
- Hypertension and high cholesterol control
- Obesity (BMI calculation)



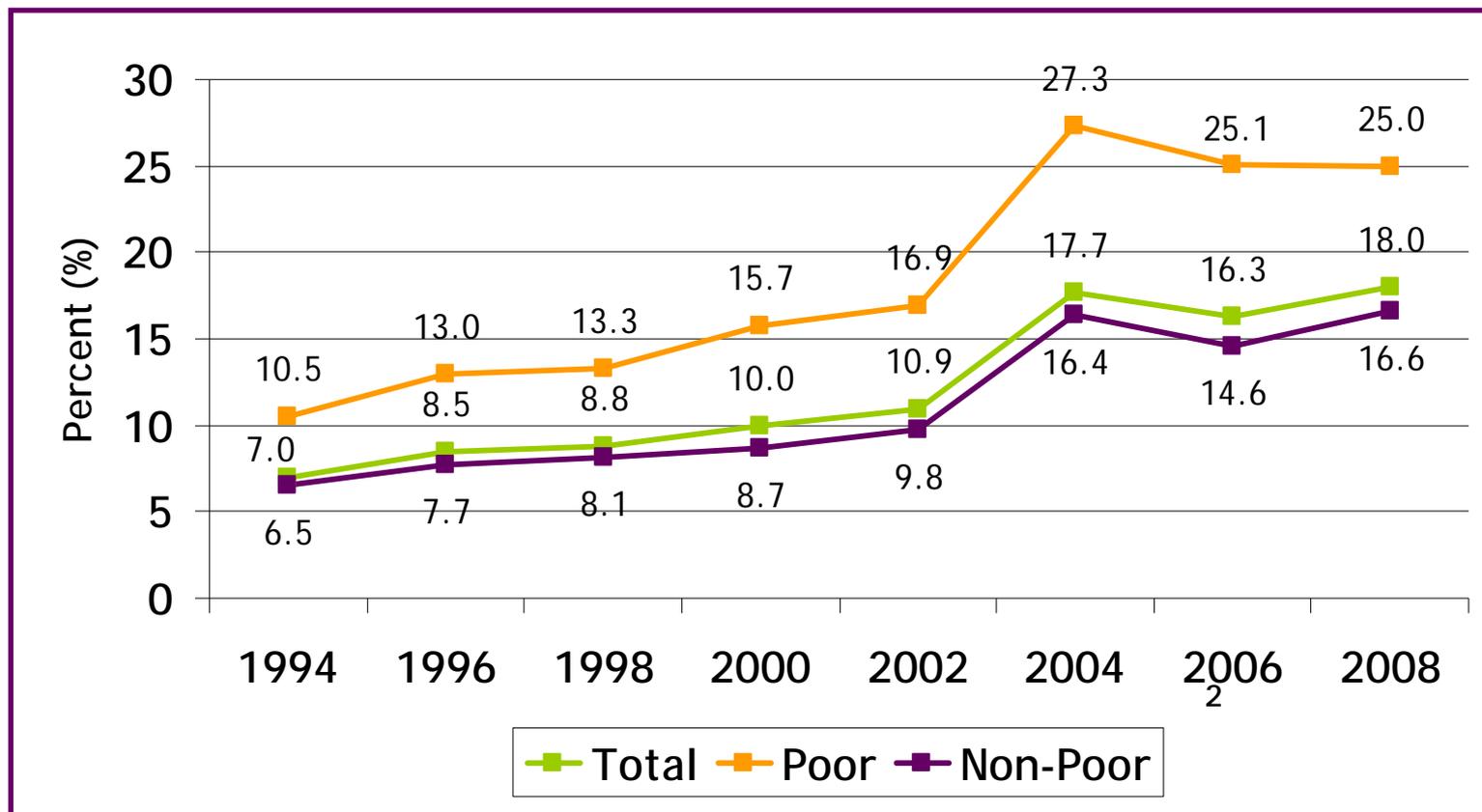
Documenting and monitoring health status, chronic conditions, and health disparities has been a keystone of PHMC's Southeastern Pennsylvania Household Health Survey for more than 20 years.

Figure 1. Chronic Health Conditions among Adults (18+), Southeastern Pennsylvania, 1991-2008.



¹ NOTE: In the 2004 and later surveys, the wording of the question about asthma and diabetes was changed slightly: respondents were asked if they EVER had asthma or diabetes. In past survey years, respondents were asked if they currently have asthma and diabetes.

Figure 2. Asthma among Children (0-17) by Poverty Status¹, Southeastern Pennsylvania, 1994-2008.



¹ Poverty level is defined as below or above 100% of the Federal Poverty Level. Poverty level is calculated based on family size and household income.

For example, a family of four with an annual income of \$21,200 in 2008 was considered living in poverty.

² NOTE: In the 2004 and later surveys, the wording of the question about asthma was changed slightly: respondents were asked if they ever had asthma. In past survey years, respondents were asked if they currently have asthma.

Data Source: 1994-2008 Southeastern Pennsylvania Household Health Surveys. Public Health Management Corporation, Community Health Data Base, 2009.

Topic Areas

Disease Prevention

(Routine Screening and Exams)

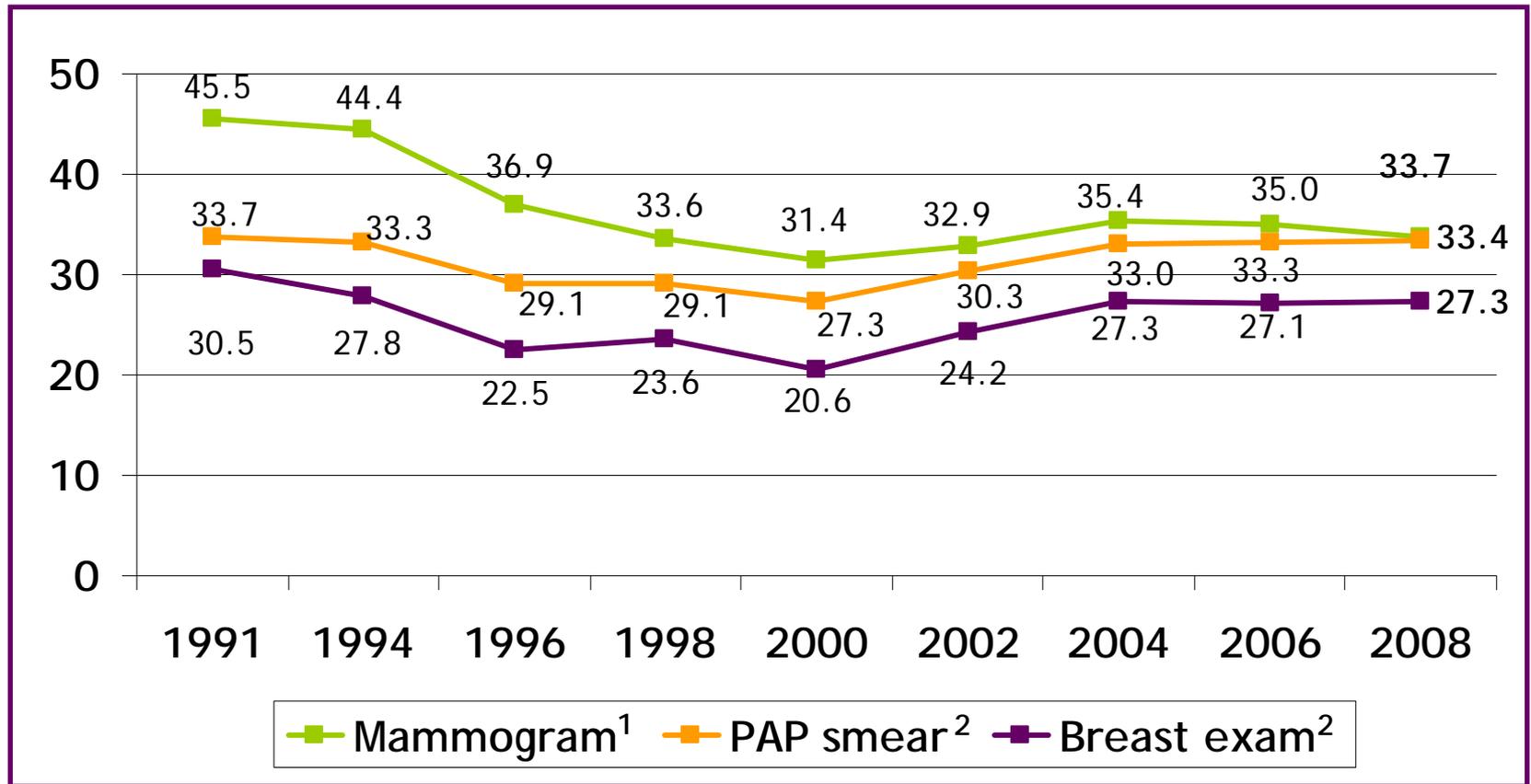
- Dental visit
- Eye examination
- Blood pressure reading
- Cholesterol check
- HIV Testing
- Pap smear
- Clinical breast exam
- Mammogram (40+)
- Prostate (45+)
- Flu, pneumonia vaccination (60+)

Access to Care

(Source and Utilization)

- Regular source of care
- Setting of regular care
- Length of time since most recent medical visit
- Number of overnight stays in the hospital, past year
- Transportation barrier to healthcare
- Language barrier to healthcare
- Failure to seek healthcare, fill a prescription, due to cost

Figure 3. Women (18+) Who Did Not Receive Selected Screenings in the Past Year, Southeastern Pennsylvania, 1991-2008.



¹ Asked of female adult respondents 40 years of age and older.

² Asked of female adult respondents 18 years of age and older.

Topic Areas

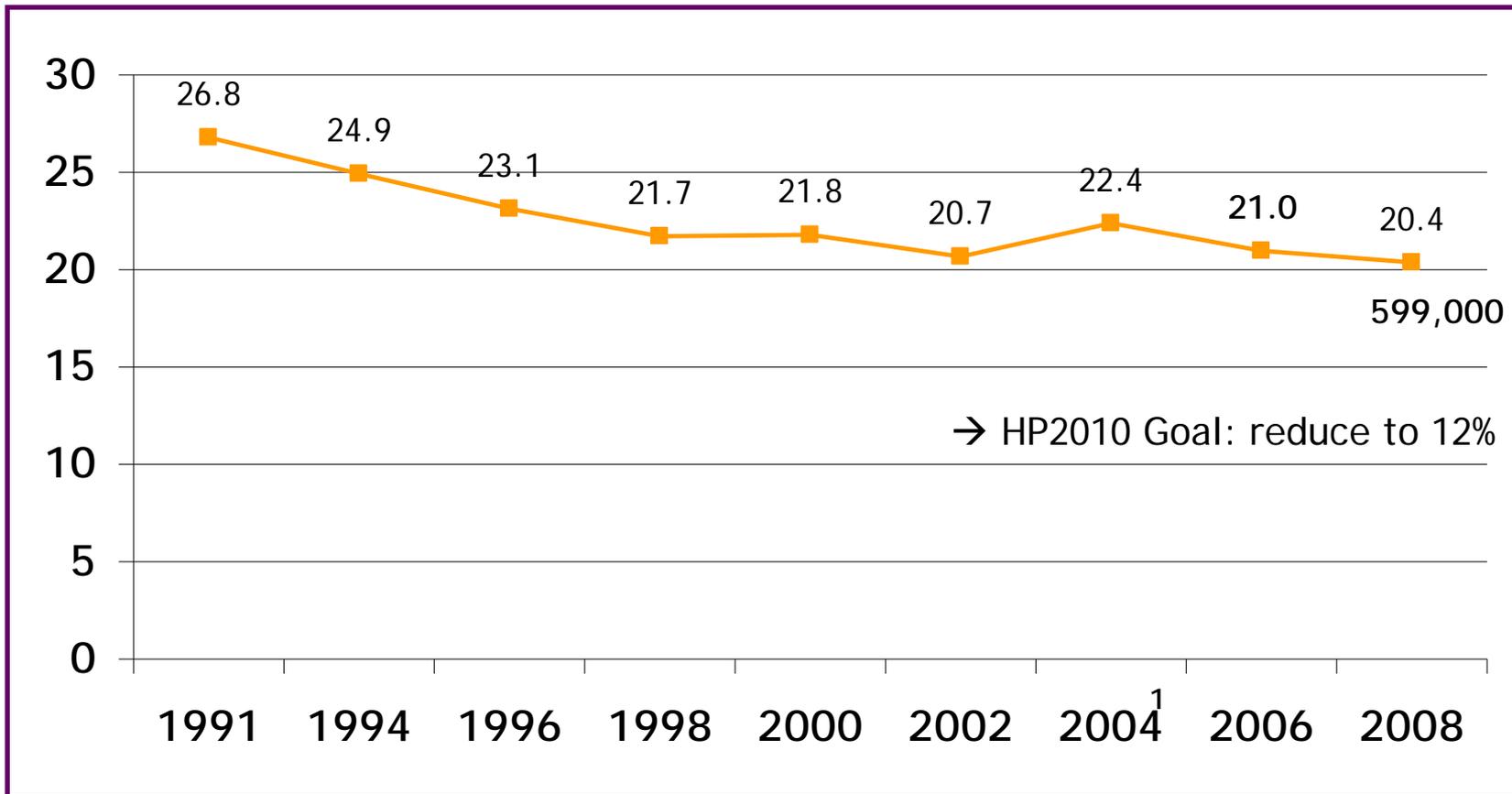
Personal Health Behaviors

- Smoking status, frequency
- Smoking quit method and duration of cessation
- Advised by a doctor to quit smoking
- Exposure to cigarette smoke in household, car
- Use of other tobacco products
- Advised by doctor to lose weight
- Exercise frequency
- Number of servings of fruits & vegetables
- Fast food consumption
- Sleep – duration and quality

The 2004 and 2008 surveys include questions focusing on access to fruits and vegetables



Figure 4. Cigarette Smoking among Adults (18+),
Southeastern Pennsylvania, 1991-2008.



1. NOTE: In the 2004 and later surveys, the wording of the smoking question was changed slightly. Instead of asking respondents if they currently smoke, as was asked in previous survey years, respondents were asked if they smoke every day, some days or not at all.

Topic Areas

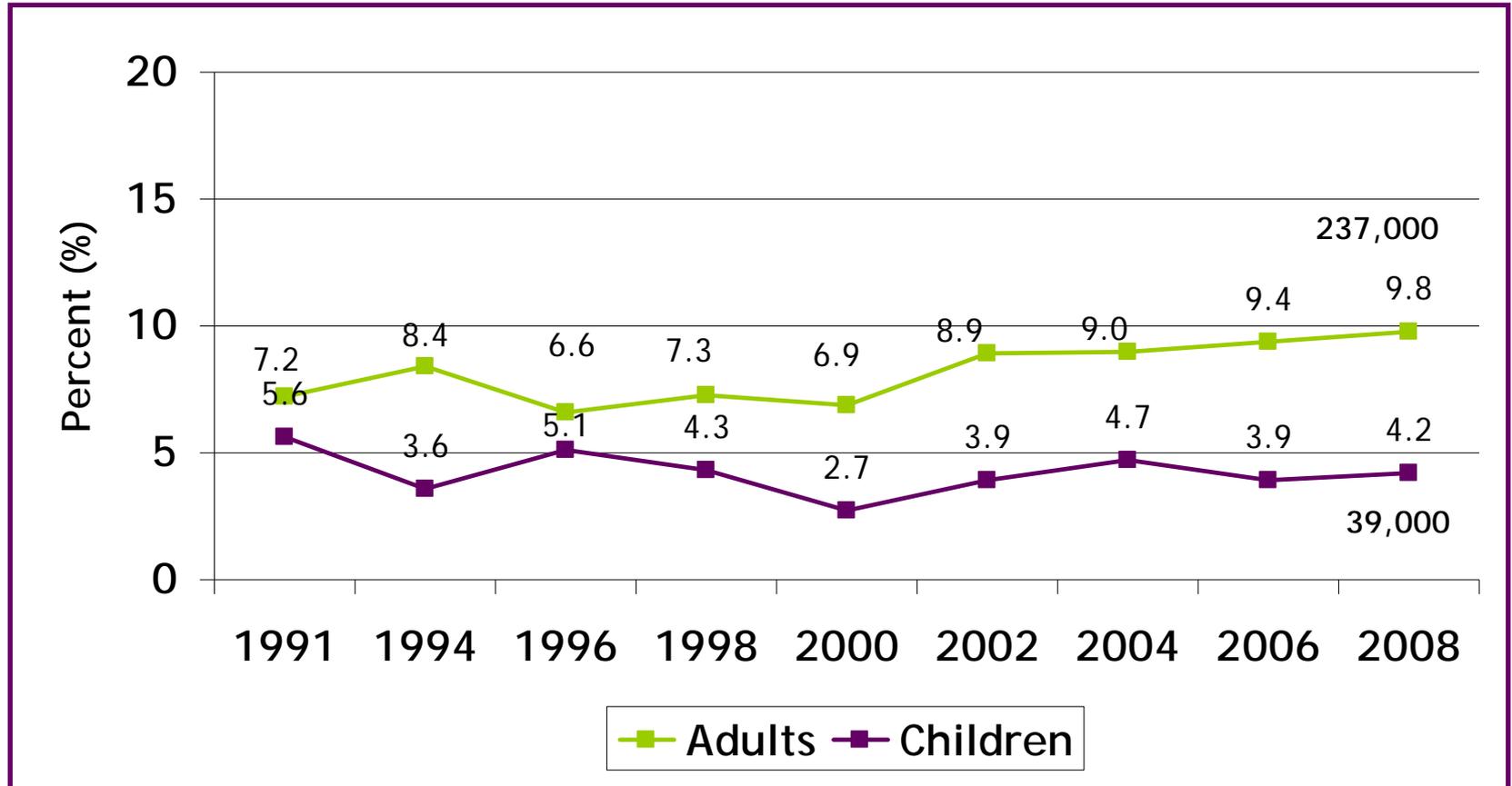


Health Insurance

- Current source(s) of health coverage, name of insurer
- Coverage for prescription drugs; dental care
- Medicare D
- Respondents without health insurance during past year: length of time; ability to get care
- What is the primary reason for lack of coverage
- Visited E.R. due to lack of health insurance

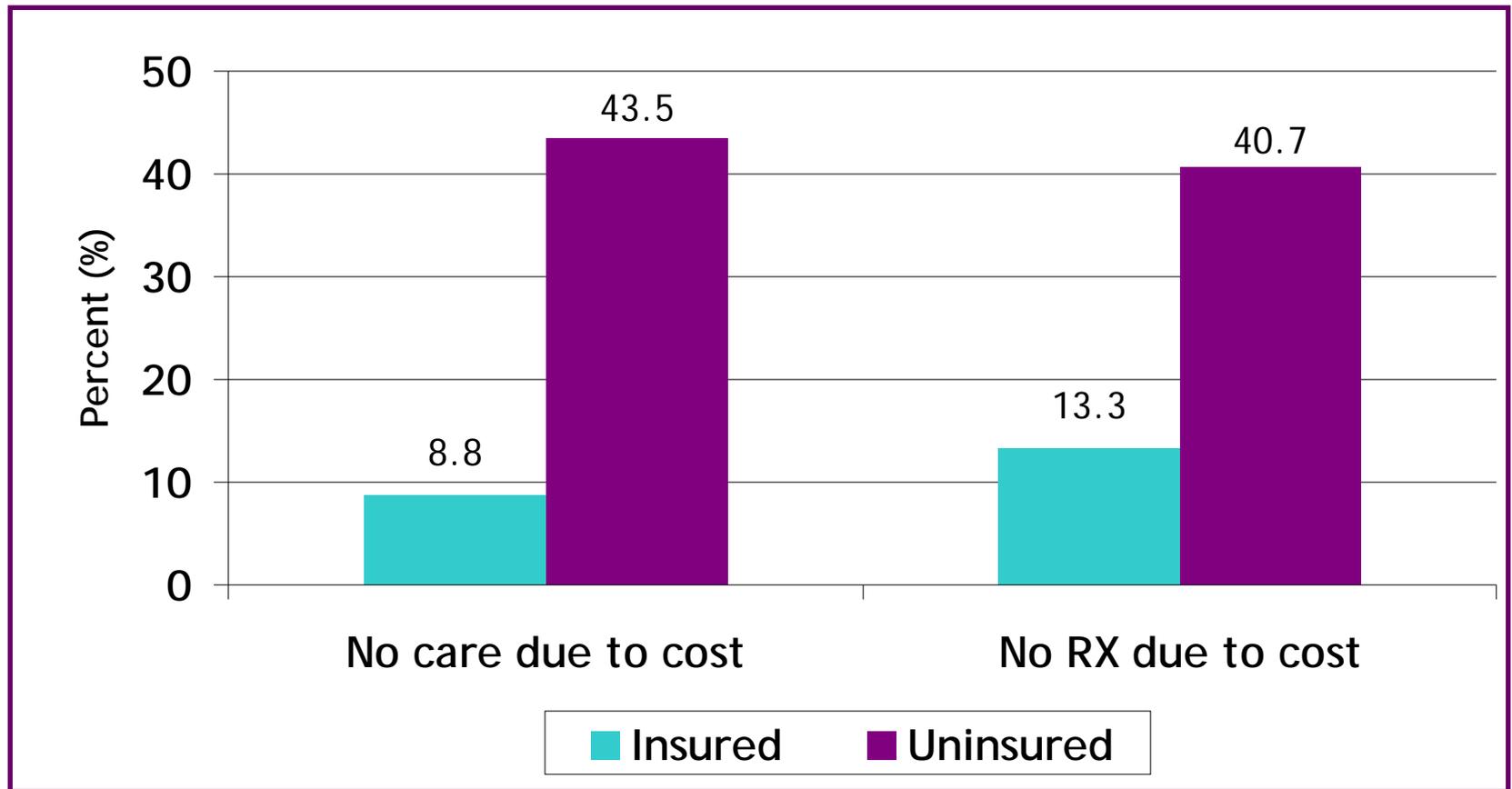
PHMC's Household Health Survey has many questions pertaining to health insurance coverage with a special focus on at-risk populations.

Figure 5. Uninsured Adults (18-64) and Children (0-17), Southeastern Pennsylvania, 1991-2008.



Data Source: 1991-2008 Southeastern Pennsylvania Household Health Surveys. Public Health Management Corporation, Community Health Data Base, 2009.

Figure 6. Cost Barriers to Health Care among Adults (18+) by Insurance Status, Southeastern Pennsylvania, 2008.



Data Source: 1991-2008 Southeastern Pennsylvania Household Health Surveys. Public Health Management Corporation, Community Health Data Base, 2009.

Topic Areas

Mental Health

- Diagnosed mental health condition
- Receiving treatment for mental health condition
- Older adult depression scale
- Level of stress in the past year
- Use of professional mental health services

Safety and Violence

- Firearms in the home
- Firearms kept in a locked place/trigger lock
- Personal safety (feeling of safety in community)

Physical activity and Neighborhood

- Use of neighborhood recreational facilities
- Reasons for inactivity
- Local access to groceries and produce

Topic Areas



Social Capital

- Involvement in local groups & organizations
- Willingness of community to help neighbors
- Neighbors have worked together
- Community improvement
- Sense of belonging to the community
- Feelings of trust in the community

Topic Areas

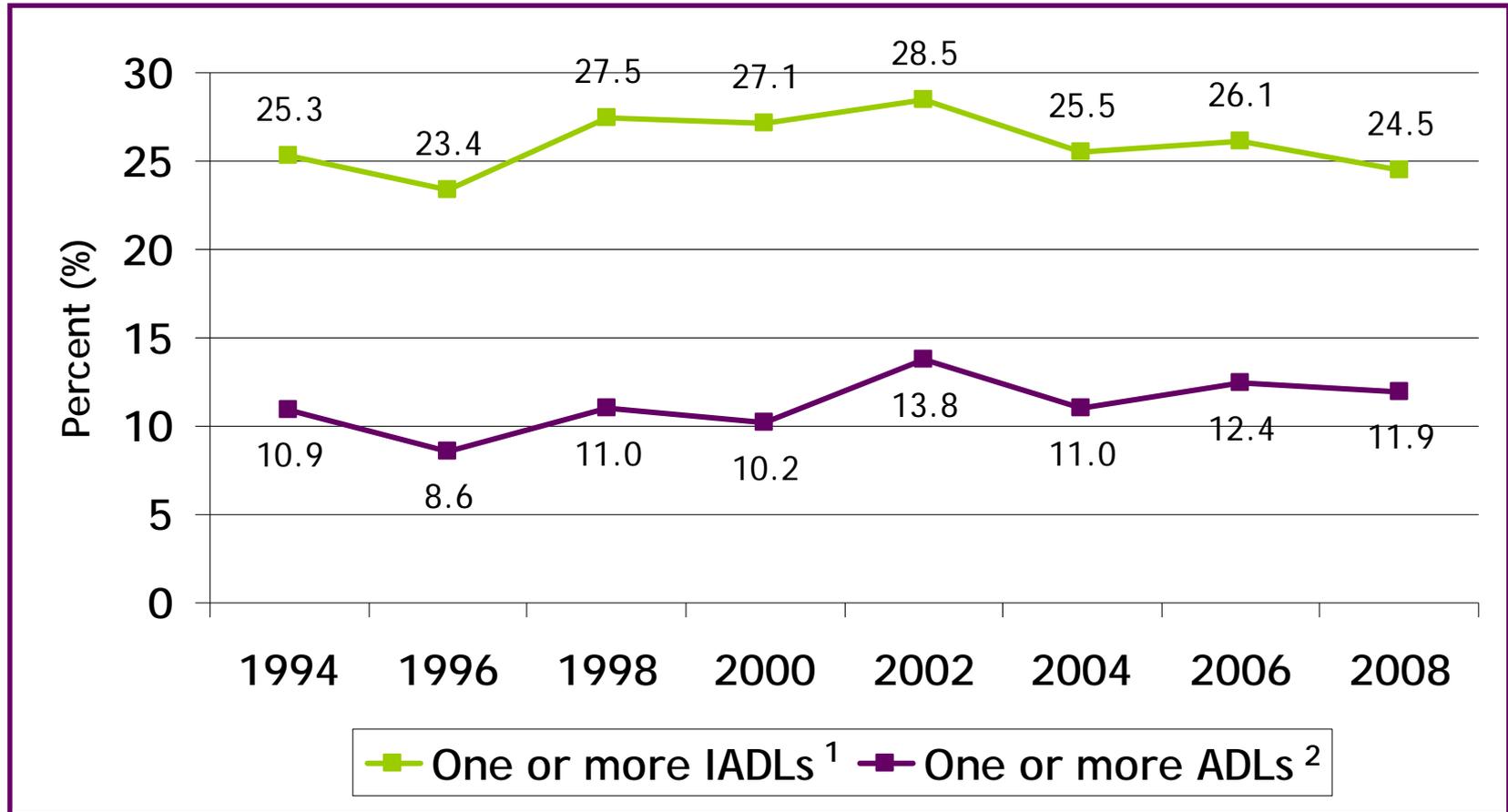
Older Adult Supplement (60+)

- Use of aids and prosthetic devices
- Home health services and caregiving
- IADL Impairments (I.e. using phone, shopping walking, meal prep, cleaning, handling money, etc.)
- ADL Impairments (I.e. bathing, grooming, eating, etc.)
- Use of informal help with IADL and ADL
- Use of formal in-home care and payment
- Social supports & services:
 - contact with friends and relatives
 - familiarity, use, and need for activities at senior center, food programs, transportation, PACE/prescription drug assistance, senior helpline
- Housing and environment



Older adults are extensive users of health care. The survey includes a series of questions about older adults, their health, happiness, and ability to live independently.

Figure 7. Functional Status of Older Adults (65+), Southeastern Pennsylvania, 1994-2008.



¹ Shopping for groceries, preparing meals, and doing housework are Instrumental Activities of Daily Living (IADL).

² Bathing, walking, grooming and dressing are Activities of Daily Living (ADL).

Topic Areas

Additional Questions about Children and Youth (0-17)

- Child care: use of formal or informal child care services, problems with child care, etc.
- Participation in organized after-school activities
- Employment and school attendance (ages 13-24)

Demographics

- Age
- Income
- Gender

- Employment status/education
- Marital status
- Race
- Sexual Identity
- Ethnicity: Hispanic or Latino descent, Asian country of origin
- Country of birth
- Religious affiliation & attendance
- Speak language other than English in home/language
- Welfare (TANF, SSI, SSDI, GA, food or energy assistance, WIC)
- Geographic location
- Experiences of racial/ethnic discrimination

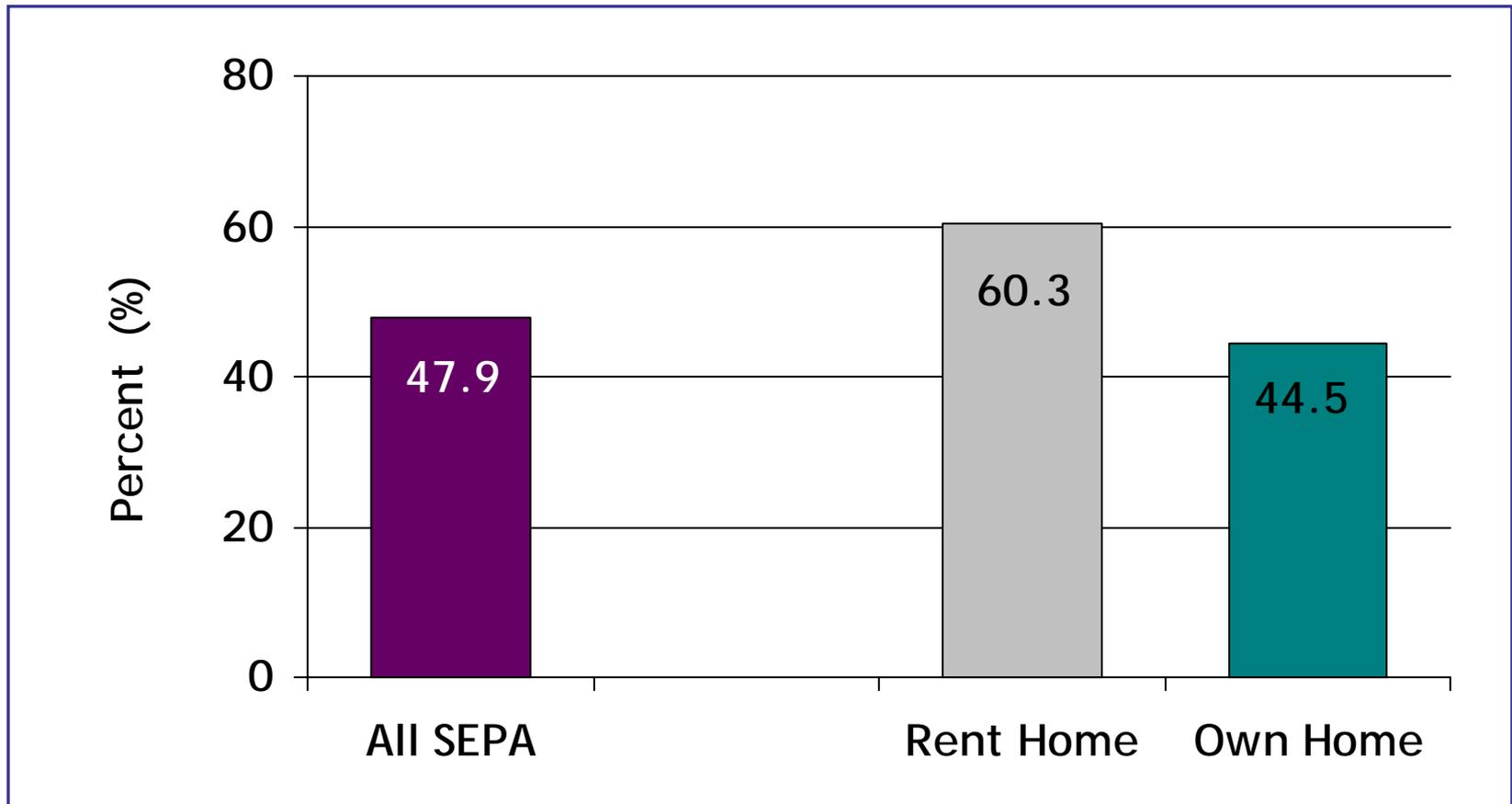


Household Health Survey 2008: New Features

- Cell phone pilot study
- New questions added / rotated back from prior surveys
 - Eyeglasses & children
 - Physical activity & use of recreational facilities
 - Housing issues (aging in place; difficulty paying)



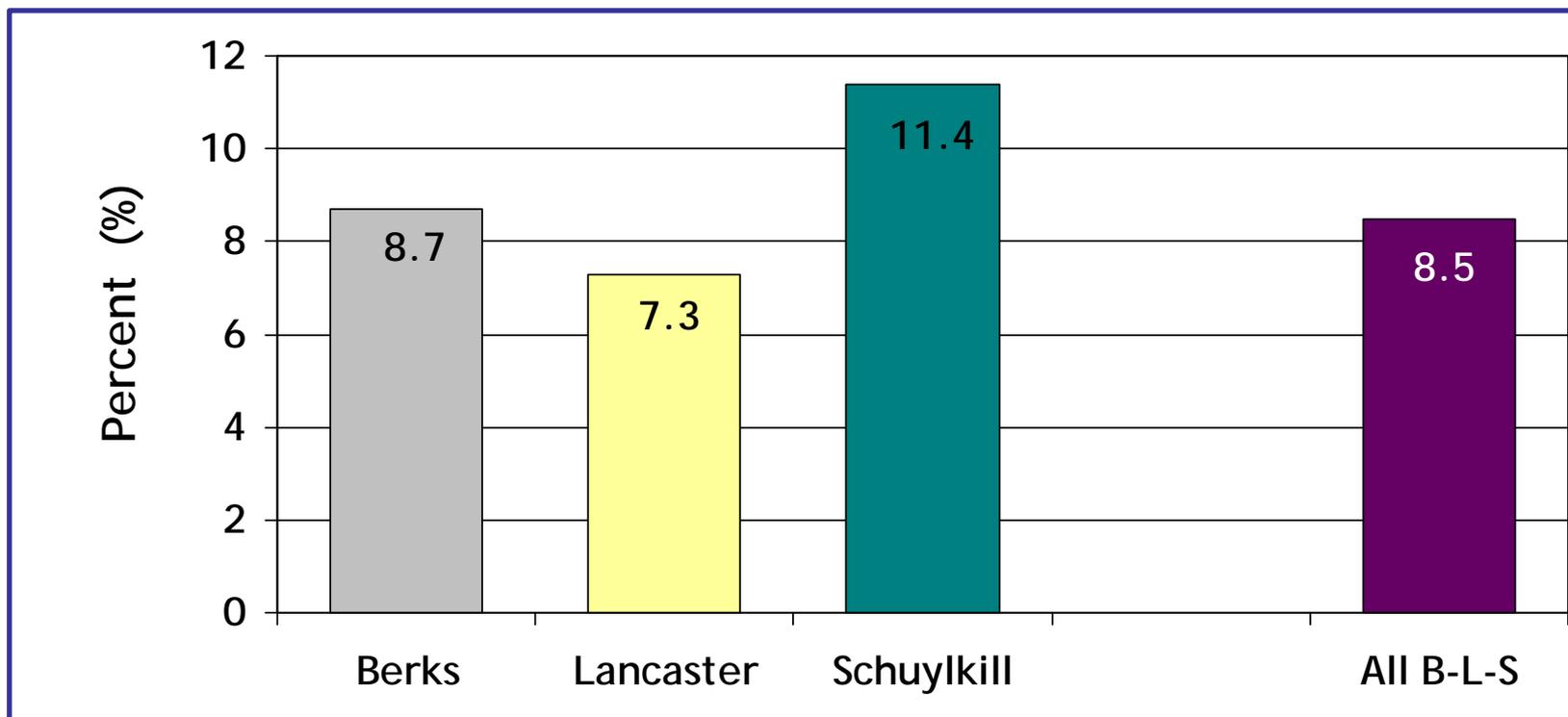
Figure 8. Percent Adults (18+) Who Report Difficulty Paying Monthly Housing Costs, SEPA, 2008



Survey Expansion

- Berks-Lancaster-Schuylkill
 - 1,000 interviews conducted per county (3,000 total)
 - Summer 2008

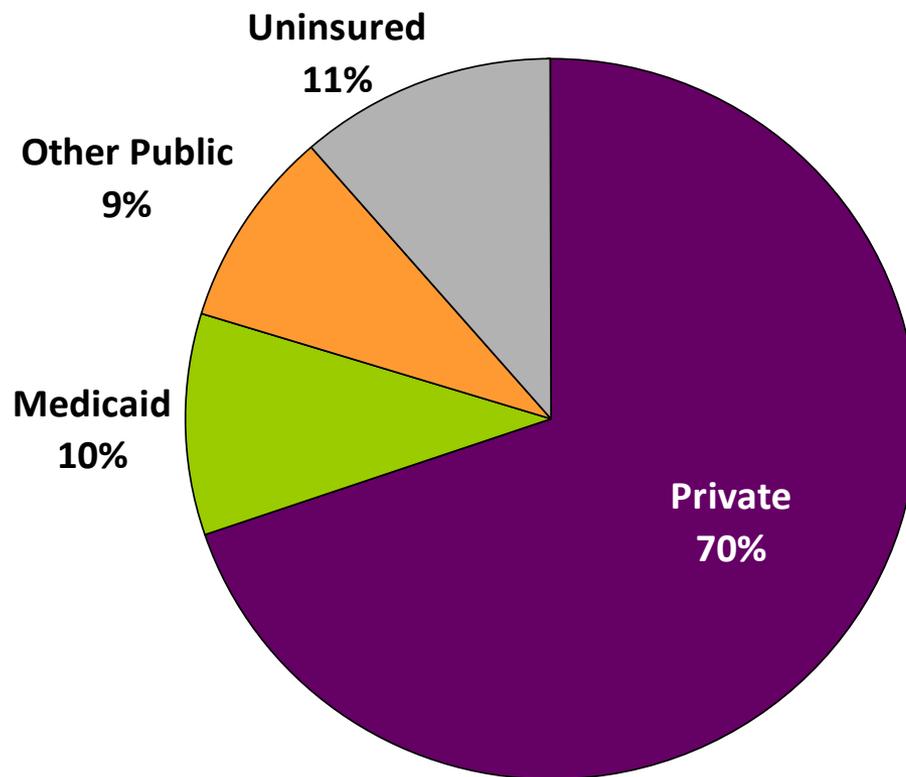
Figure 9. Uninsured Adults (18-64) in Berks, Lancaster, Schuylkill Counties, 2008



Survey Expansion

- Centre County
 - 1,250 interviews
 - Summer 2009

Figure 10. Insurance Status of Adults (18-64) in Centre County, PA, 2009



II. Demographics

The Community Health Data Base provides access to past and present data from the U.S. Census Bureau. Data can be aggregated on the same geographic levels as the Household Health Survey, including ZIP Code and neighborhood.

The Data Base uses a third-party data source (Claritas, Inc.) to create estimates and projections based on the decennial Census. The most current include:

- Population counts for 2000
- Estimates for 2006, 08
- Projections for 2011, 2013

2000 U.S. Census

- Population Totals
- Age Distribution
- Racial/Ethnic Distribution
- Gender Distribution
- Household Income
- Average Household Size
- Linguistically Isolated
- Citizenship
- Housing Units
- Elderly Living Alone
- Year House Built
- Length of Time at Residence
- Median Housing Value
- Educational Status
- Employment/Occupation
- Poverty Status
- Female-Headed Households
- Mobility and Self-Care

III. Vital Statistics

The most recent data, provided in four year average annualized rates, are from 2003-2006. They are available at the ZIP code and county level for all of Southeastern Pennsylvania and by Census tract for Philadelphia County.

Birth Data:

- Births to all Women
- Births to Women 15-44
- Births to Adolescent Women
- Low Birthweight Births
- Prenatal Care

Mortality Data:

- All Causes
- Heart Disease
- Cancer
- Lung Cancer
- Neonatal Death
- Infant Mortality
- Stroke
- Pneumonia/Influenza
- Accidents/Drugs
- Breast Cancer

Community Health Data Base

What do I get?

Data – Household Health Survey, Demographics, Vital Statistics

Direct Assistance – assigned research associate

Website – www.CHDBdata.org

Reports and Publications – hard copy, online, e-mail

Special Events – skill building seminars, orientations, data development

The Community Health Data Base reaches out to agencies large and small to provide highly targeted information.



CHDB website: Updated monthly

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COMMUNITY HEALTH DATA BASE

An Information Service of Public Health Management Corporation

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Welcome

Since 1983, Public Health Management Corporation's (PHMC) Community Health Data Base (CHDB) has served the information needs of health and human service agencies in the Southeastern Pennsylvania region by providing up-to-date and reliable community-level health and social service data.

The CHDB is funded by the [Pew Charitable Trusts](#), the [William Penn Foundation](#), the [United Way of Southeastern Pennsylvania](#), & local hospital systems & health and human service organizations.

Please visit the CHDB website monthly for new data findings and member highlights!

Data Analysis TOOL

Username Password [Go](#)

- [not a member?](#)
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Data Findings

Focus on the Uninsured in SEPA: New data from the 2008 Household Health Survey

Currently, there are approximately 46 million uninsured Americans; nine million of them are children. More than eight out of ten uninsured Americans are in working families. An extensive body of research has demonstrated that health insurance is integral to well-being and health and that being uninsured can harm health for both children and adults. In honor of National Cover the Uninsured Week (March 22-28, 2009) and National Public Health Week (April 6-12, 2009) this month the Community Health Data Base examines the current status of the uninsured in Southeastern Pennsylvania (SEPA) based on data from the recently released 2008 SEPA Household Health Survey. This article examines changes in the prevalence of uninsurance over the past 15 years, demographics of uninsured adults, and the insurance status of children in SEPA.

[View Details >>](#)

Spotlight



CHDB's New ONLINE REPORT CARD

The Community Health Data Base is pleased to announce the debut of an important new web tool available to all CHDB Members and Affiliates: the Online Report Card! Click the link above for more!

Announcements

[Berks, Lancaster, and Schuylkill Counties!](#)
Introducing the brand new, 2008 Berks-Lancaster-Schuylkill Household Health Survey! (Click above for more.)

[2008 Data Release Slideshow!](#)
Click the link above to download the slides shown at our 2008 Data Release Party and see new 2008 health findings.

[CHDB Spring 2009 Calendar](#)
Click here for our downloadable calendar of events!

[New Panel on Maximizing Use of Data in Times of Scarce Resources](#)
May 14, 2009, 2:30-4:00pm CHDB will host a panel to explore real-world experiences from Members and Affiliates using CHDB data for a wide range of purposes. Click link for more.

[Sexual Minorities & Health: Downloadable Brief](#)
The CHDB's recent data brief on sexual minority populations and health in SEPA is now available as a pdf file for you to download.

[Sign up now for the April CHDB Orientation](#)
Come find out more about the CHDB or refresh your skills, April 14, 2009. Refreshments served. RSVP to johannat@phmc.org.

[2008 Survey Is Now Available](#)
The 2008 SEPA Household Health Survey is completed and new data are available now.

New!

Data Corner

Welcome to the newest section of the CHDB web page. [Please click here to view current U.S. Census and Vital Statistics data for Southeastern Pennsylvania.](#)

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To receive the Community Health Data Base's monthly e-mail newsletter, including the latest facts and findings from the Southeastern Pennsylvania Household Health Survey, please email: johannat@phmc.org



www.CHDBdata.org

**For more information about the Community Health
Data Base, please contact us at 215-985-2548 or visit
www.CHDBdata.org**