# NCHS Update Board of Scientific Counselors January 28, 2011



**Edward J. Sondik** 

## **Today's Update**

- NCHS Program Highlights
- Budget Update

## **Today's Update**

- NCHS Program Highlights
- Budget Update
- ...and a special recognition

## — NCHS and the Patient Protection and The Affordable Care Act (PPACA)

## Affordable Care Act Data and Measurement Provisions

- Vital statistics
- Quality improvement
- Disparities
- Levels of geography
- Health outcomes
- Oral health
- National health indicators

## NCHS Program Changes ...

**Affordable Care Act: New survey questions** 

- On the NHIS about health insurance coverage (on today's agenda – Robin Cohen)
- New questions to long-term care surveys to respond to anticipated direct care workforce shortages
- Assessing adoption and meaningful use of Electronic Health Records

## Program Changes ...

**Expanding sample size** of our surveys to provide more data for subpopulations

 Selected state-level estimates from the NAMCS on primary care visits

Surveying new provider settings including community health centers and residential care places

→ Funding in FY 10: \$14.745 M

## State and Local Area Integrated Telephone Survey (SLAITS)

- Evaluation of CHIP Authorized in the 2009 CHIP Reauthorization Act
  - Uses data from SLAITS-based 2011
     National Survey of Children's Health
  - Focus on barriers to enrolling in public health insurance programs.
- Based on and earlier 2001 evaluation of program awareness levels and perceptions among low-income families
  - Data from 2001 National Survey of Children with Special Health Care Needs.

 2011 budget: Continuing Resolution at 2010 level till March 4th

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  - FY 2010: \$138.7M
  - 2011 President's Budget called for: President's Request: \$161.9 M (+\$23.2 M)

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- 2012 President's Budget to be released in February

## **Proposed 2011 Budget**

- Vital Statistics (\$11 M):
  - Electronic Birth and Death registration and
  - Funding of the revised certificate and focus on improvements to timeliness and quality
- Health Interview Survey (\$8 M)
  - Increase coverage through sample size
- National Ambulatory Medical Care Survey (\$3.5 M)
  - Increase coverage through sample size
- Maintenance (\$0.7 M)

## **NCHS Budget Chronology**

### **Recent Budget History**

- FY 07: \$107.1 M Same as FY 06
- FY 08: \$113.6 M
- FY 09: \$124.7 M
- FY 10: \$138.7 M (+\$14 M)
- FY 11: Continuing resolution
  - President's Request: \$161.9 M (+\$23.2 M)

## **NCHS Program Highlights**







U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Centers for Disease Control and Prevention

Centers for Disease Control Statistics

National Center for Health Statistics

## National Health and Nutrition Examination Surveys

## **DHANES Program Highlights**

- New Survey Content
- Methods studies and special projects
- Infrastructure changes
  - Completely revamped the software and hardware for NHANES for the first time in over 10 years
  - Replaced lab trailers that had been in use over 20 years
  - Made these infrastructure changes without halting data collection for even a single day.

## NHANES 2011-2012 New Exam Content

- Cognitive function (Ages 60+)
- Self-assessed pubertal maturation (Ages 8-19)
- Tuberculin skin testing
- Dual x-ray absorptiometry --Total Body (Ages 8-59)
- Sagittal abdominal diameter (Ages 8+)
- Physical activity monitor (Ages 6 +)
  - Also monitors sleep activity
- Muscle strength grip test (Ages 6+)
- Chemosensory—smell and taste (Ages 40+)
- Age changes for audiometry (Ages 20-69)
- Modified oral health examination (Ages 1+)

## **Sampling Domains**

### 2007-2010

- 72 age-sex subdomains
  - Hispanics
  - Blacks
  - White/other
    - Low income
    - Non-low income

### 2011-2012

- 87 age-sex subdomains
  - Hispanics
  - Blacks
  - White/other
    - Low income
    - Non-low income
  - Asians

## National Health Interview Survey Data Releases

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#### Publications and Information Products

#### Publications & Information Products

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NCHS Home > Publications and Information Products > Early Releases of Selected Estimates

#### Health Insurance Coverage: Early Release of Estimates From the National Health Interview Survey, January-June 2010

by Michael E. Martinez, M.P.H., M.H.S.A., and Robin A. Cohen, Ph.D., Division of Health Interview Statistics, National Center for Health Statistics

#### **Ordering Information**

Printed Publications

Birth, Death, Marriage and Divorce Certificates

Government Printing Office Bookstore @

How to Order from the National Technical 

## Highlights

PDF Version 7 (317 KB)

 From January through June 2010, 49.1 million persons of all ages (16.2%) were uninsured at the time of interview, 60.8 million (20.0%) had been uninsured for at least part of the year prior to interview, and 35.6 million (11.7%) had been uninsured for more than a year at the time of interview.

#### On this Page

- Highlights
- Introduction
- Results
- References
- Technical Notes
- Additional Early Release Program Products
- Suggested Citation

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#### NCHS Data Brief ■ No. 55 ■ January 2011

## Young Adults Seeking Medical Care: Do Race and Ethnicity Matter?

Barbara Bloom, M.P.A. and Robin A. Cohen, Ph.D.

#### **Key findings**

Data from the National Health Interview Survey: 2008–2009

 More than one-half of Hispanic young adults aged
20-29 years were uninsured
8.50 x 11.00 in Health care disparities among different racial and ethnic subgroups in the United States are of national concern. Health insurance is a key factor in the access to medical care services, and young adults in the United States aged 20–29 years are more likely than adults aged 30 years and over to lack health insurance coverage (1–4). A previous report has examined the differences in health insurance and access to health care by gender among young adults aged 20–29 years (5). This report focuses on the differences in health insurance and access to health care among Hispanic, non-Hispanic white, and

## **New Vital Statistics Releases**

## National Vital Statistics Reports



Volume 59, Number 3

December 21, 2010

## Births: Preliminary Data for 2009

8.50 x 11.00 in



#### Centers for Disease Control and Prevention

Your Online Source for Credible Health Information

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#### NCHS Health E-Stat

#### Recent Trends in Births and Fertility Rates Through June 2010

by Paul D. Sutton, Ph.D., Division of Vital Statistics

PDF Version 7 (67 KB)

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The provisional count of births in the United States for the 12-month period ending with June 2010 fell 3 percent to 4,055,000 from the provisional count for the 12-month period ending with June 2009 (1). This

continues a decline in the number of births from an all-time high of 4,316,233 in 2007 (2).

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The provisional fertility rate for the 12-month period ending with June 2010 also fell 3 percent to 65.5 births per 1,000 women aged 15-44 from the provisional rate for the 12-month period ending June 2009 (see Figure) (1). This continues a decline in the fertility rate from a 17-year high of 69.5 in 2007 (2).

## **National Health Care Surveys**

#### SEARCH

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NCHS Home > Publications & Information Products > NCHS Health E-Stats

#### NCHS Health F-Stat

Electronic Medical Record/Electronic Health Record Systems of Officebased Physicians: United States, 2009 and Preliminary 2010 State Estimates

by Chun-Ju Hsiao, Ph.D.; Esther Hing, M.P.H.; Thomas C. Socey; and Bill Cai, M.A.Sci., Division of Health Care Statistics

PDF Version (212 KB)

Policymakers' interest in the progress of health information technology adoption by health care providers has increased greatly since The American Recovery and Reinvestment Act was signed into law in 2009. A portion of the bill, the Health Information Technology for Economic and Clinical Health Act. authorized incentive payments through Medicare

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#### NCHS Data Brief

Number 54, January 2011

Use of Advance Directives in Long-term Care Populations

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PDF Version (823 KB)

Adrienne L. Jones, Abigail J. Moss, and Lauren D. Harris-Kojetin, Ph.D. Division of Health Care Statistics

#### Key findings

Data from the 2004 National Nursing Home Survey and the 2007 National Home and Hospice Care Survey

 Overall, 28% of home health care patients, 65% of nursing home residents, and 88% of

#### On this Page

- · Key findings
- · Use of ADs varies across long-term care populations.
- Use of ADs varies by age, and age relationships differ by population.
- · Black care recipients were less likely than white care recipients to use any AD.
- · Living wills and do not resuscitate orders were the two most common types of ADs.

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## **Health Care Surveys Changes Underway**

- ACA-Funded Improvements to NAMCS and NHAMCS
- Lookback module for Ambulatory Surveys on preventive services for heart disease and stroke
- State-level estimates of preventive services
- New National Hospital Care Survey
- New National Survey of Long-Term Care Providers

## Lookback Module on Prevention of Heart Disease and Stroke

- Monitor and evaluate prevention-related services
- Include risk factors and preventive services 12 months prior to the sampled office visit
- Include patients at higher risk, e.g., with hypertension or prior stroke

## **Building on NAMCS and NHAMCS**

- Infrastructure already in place to collect data for physicians' offices, community health centers, hospital outpatient departments, and hospital and free-standing ambulatory surgery centers
- Source of nationally-representative ambulatory care data
- Characteristics of office practices and hospitals available to support evaluations
- Monitoring Electronic Health Records

### **NHCS Goes Electronic**

- Currently piloting the transmission of electronic claims data – UB-04s—for inpatient discharges
- Hospitals transmit data through a secure data network
- As hospitals adopt electronic health records, we will be conducting more pilots on extracting clinical data from EHRs

## National Survey of Long-Term Care Providers

- Broad coverage of paid, regulated LTC providers
- Core data collection every two years starting 2012
- Core topics
  - Provider characteristics, practices, staffing
  - Aggregate-level information on care recipients
- Core structure plus rotating modules
- Link core to administrative data, e.g., Medicare





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## Open Government Initiative

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My Administration is committed to creating an unprecedented level of openness in Government. We will work together to ensure the public trust and establish a system of transparency, public participation, and collaboration. Openness will strengthen our democracy and promote efficiency and effectiveness in Government.

- PRESIDENT OBAMA, 01/21/09



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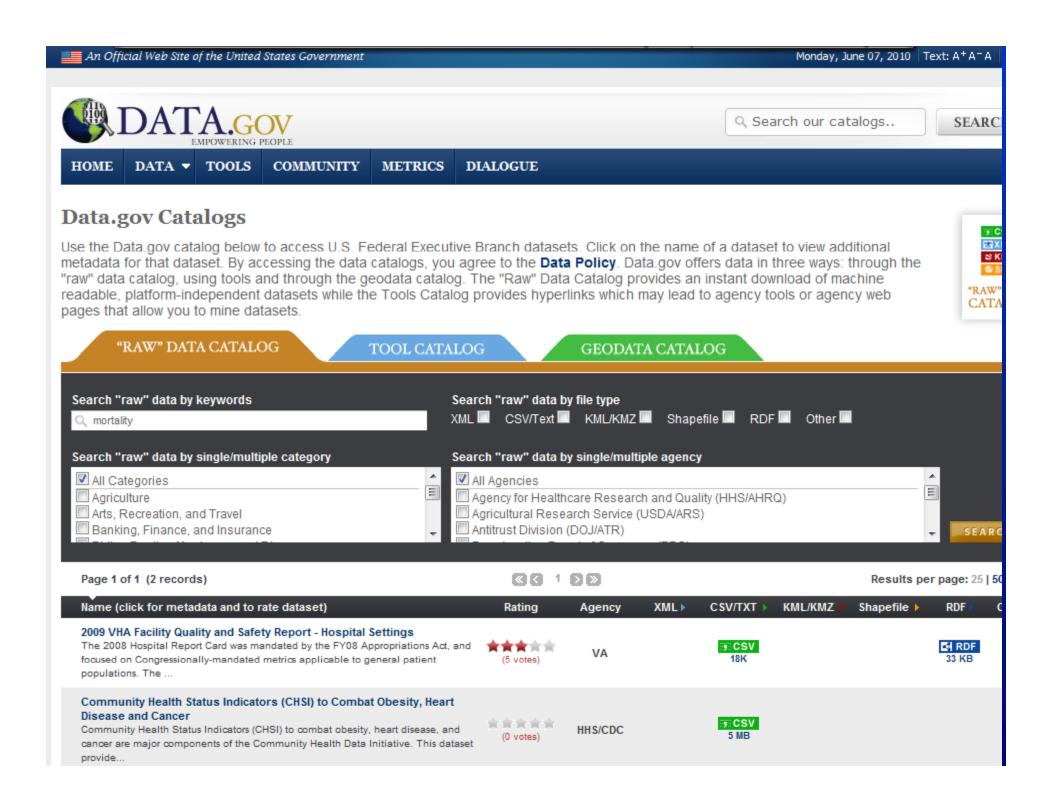
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## Open Government Initiative

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My Administration is committed to creating an unprecedented level of openness in Government. We will work together to ensure the public trust and establish a system of transparency, public participation, and collaboration. Openness will strengthen our democracy and promote efficiency and effectiveness in Government.



#### Data accessibility – a priority for NCHS





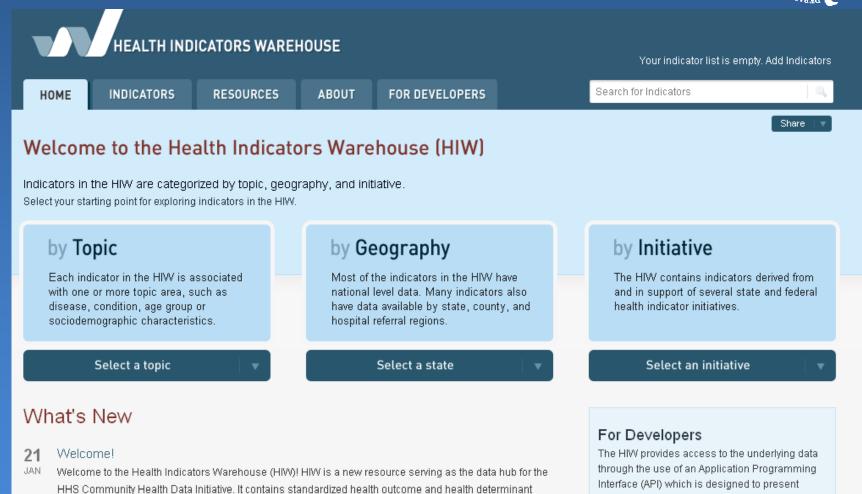
#### Data accessibility – a priority for the community

indicators along with associated evidence-based interventions, which can be easily displayed, and will



information to systems with disparate

architectures and underlying technologies.



#### Data accessibility – a priority for the community





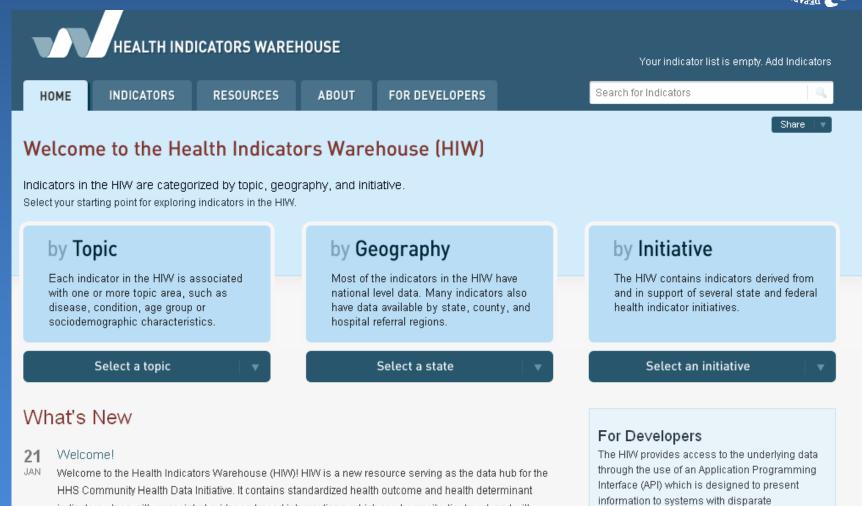
- Brought live 1/21/2011
- Contains thousands of community health performance metrics
- Includes data on Medicare utilization, quality, prevention, and prevalence of disease
- Includes proven interventions by indicator

## HHS liberating data and making it much more accessible: community health data

indicators along with associated evidence-based interventions, which can be easily displayed, and will



architectures and underlying technologies



## And now a special recognition ......



on his Retirement

**60 Years of Service to the Federal Statistical System** 



#### A 60-Year Federal Government Career

- Began his government service in 1951 at the U.S. Census Bureau as a mathematical statistician
- Moved to the National Office of Vital Statistics (NOVS) in 1953.
- When NOVS merged with the National Health Survey in 1960 to form NCHS, Monroe became a charter member of NCHS "without any action on my part" (from "A Conversation with Monroe Sirken: Statistical Science)
- Dr. Sirken has held a variety of positions at NCHS including Associate Director for Research and Methodology.

# Examples of Innovative Survey Methods Developed Under Dr. Sirken's Leadership

- Designed and analyzed the first national immunization surveys
- Developed the National Death Record Followback Survey methodology to estimate lung cancer mortality risks by smoking and residence histories
- Introduced "network sampling" to improve survey prevalence estimates of relatively rare diseases (e.g. diabetes) and sensitive behaviors (e.g. illicit drug use)

# Examples of Innovative Survey Methods Developed Under Dr. Sirken's Leadership

- Introduced statistical methods to integrate sample designs of independently designed NCHS surveys (e.g. NHIS household listings served as sampling frame for the National Survey of Family Growth)
- Established the NCHS Questionnaire Design Research Laboratory, the first permanent research laboratory in a government agency using cognitive methods to design survey questionnaires and statistical maps

on his Retirement

# **60 Years of Service to the Federal Statistical System**





