Update on NCHS Board of Scientific Counselors Sept 23, 2010



Edward J. Sondik

Today's Update

- National Conference on Health Statistics
- NCHS Program Highlights
- Budget Update

New Board Members

- Patricia Buffler, Ph.D., M.P.H,
 - Kenneth and Marjory Kaiser Chair in Cancer Epidemiology, University of California, Berkeley School of Public Health
- Elizabeth Saadi, (Lou), Ph.D.,
 - Interim Director and State Registrar; Center for Health and Environmental Statistics, Division of Health, Kansas Department Health and Environment
- Duncan Thomas, Ph.D.,
 - Professor, Economics Department, Duke University Global Health Institute

Thank You

• Ruth Stein

• Jim Lepkowski

Thank you for your service!

National Conference on Health Statistics

NATIONAL CENTERFOR HEALTH STATISTICS

As the Nation's principal health statistics agoncy, we compile statistical information to guide actions and policies to improve the health of our people. We are a unique public resource for health information - a critical element of public health and health policy. Our health statistics allow us to: document the health status of the population and of important subgroups, identify d health status and use of health scare by race or ethnicity, socioeconomic status, region, and other population characteristics, describe our experiences with the health care system, moni-trends in health status and health care delivery, iden thy health problems, support biomedical and health services research, provor information for making changes in public policies and programs, evaluate the impact of health policies and programs. Working with partners throughout the health community, we use a variety of approaches to efficiently obtain information from the sources most able to provide information. We collect data from birth and death records, medical records, interview surveys, and through direct physical exams and laboratory testing. NCHS is a key element of our national public health infrastructure, providing important surveillance information that helps identify and address critical health problems. Here at NCHS, information is at the core of our mission, and our website is a vital part of our enort to make this information work for you.

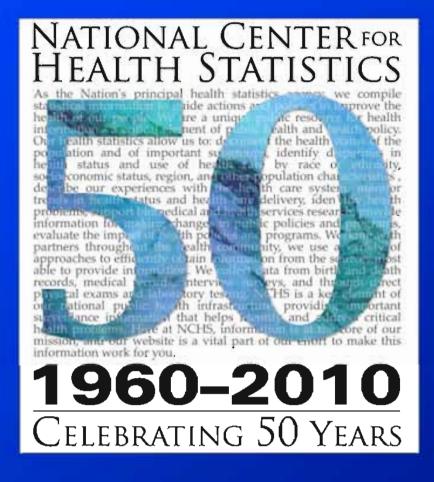


Conference Highlights

- Nearly 1000 attendees
- Celebrated NCHS 50th Anniversary
- New format and content with preconference workshop sessions
- Plenary speakers
 - Thomas Frieden (by video)
 - Bob Groves
 - Kathy Wallman
 - Connie Citro
 - Michael Wolfson

Thank You

- Tammy Stewart-Prather and Joe Fred Gonzalez, Jr., Conference Co-Chairs
- Virginia Cain, NCHS Senior Staff Advisor
- Our NCHS colleagues who made the meeting such a success



1960 Data Challenges (National Health Survey Act)

- Number and characteristics of persons suffering from heart disease, cancer, diabetes, arthritis and rheumatism, and other diseases, injuries and handicapping conditions...
- Need for reasonably current periodic inventories
 - For appraising true state of health
 - For adequate planning to improve health
 - For research in the field of chronic diseases
 - For measurement of the numbers of persons in working ages so disabled to be able to perform gainful work

Current Data Challenges

- Health Reform/Affordable Care Act
 - What are the data needs in this time of health reform?
- Open Government and Community needs
 - How is NCHS meeting state and local (community) needs
- Dissemination
 - How do we focus our data to meet research and policy needs?

Affordable Care Act Data and Measurement Provisions

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

Affordable Care Act Evaluation Assessing change over time in ...

- Coverage and access to care
 - Low and middle-income families and childless adults
 - Dependents up to age 26
- Barriers to primary care
- Access to care for chronic conditions
- State variation in coverage and access
- Use of clinical preventive services (no longer subject to cost sharing)
- Population health and health disparities
- Electronic Health Records: Adoption and meaningful use

Affordable Care Act: Section 4302

Understanding Health Disparities: Data Collection and Analysis

- Federally supported health related activities should collect and report:
 - Data on race, ethnicity, sex, primary language, and disability status
 - Data at the lowest geographic level
 - Sufficient data to generate statistically reliable estimates by racial, ethnic, sex, primary language and disability status subgroups
 - Other demographic data as deemed appropriate

NCHS Challenge: With Limited Resources to Navigate Competing Priorities

- Which data are most critical for setting baselines and measuring impact of programs and policies?
- What are the most important new data elements and for which populations?
 - Geographic detail
 - Which sub-populations?

NCHS Program Changes to Meet Affordable Care Act/ARRA

Program Changes...

Affordable Care Act: New survey questions

- On the NHIS about health insurance coverage
- New questions to long-term care surveys to respond to anticipated direct care workforce shortages
- Developmental work on questions about delivery of clinical preventive services
- 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

PPACA funding in FY 10: \$14.745 M

NCHS Continuing Priorities ...

- Timeliness
- Research to improve quality
- Data access for confidential and nonconfidential data
- Targeted dissemination for research and policy [National and Community]
- And support of joint agency efforts ...

NCHS Program Highlights

Health Interview Statistics

- Release of 2009 imputed family income and personal earnings data
- Release of point estimates instead of interval estimates for 2009 family income and personal earnings (soon estimates back to 1997
- 2011 NHIS questionnaire will add a category for family income (≤\$150,000) and poverty level (≤200% of poverty)
- The 2011 NHIS questionnaire will use a consistency check on total family income

Health and Nutrition Examination

- NHANES nutrition data extensively used HHS and USDA Dietary Guidelines for Americans report
- Major use of NHANES data in November 2010 release of the Dietary Reference Intakes for Vitamin D and Calcium.
- New Mobile Examination Center (MEC) trailers (Laboratory and Interview trailers)

Mobile Exam Centers Then



Mobile Exam Centers Then and Now



Program Highlights from DVS

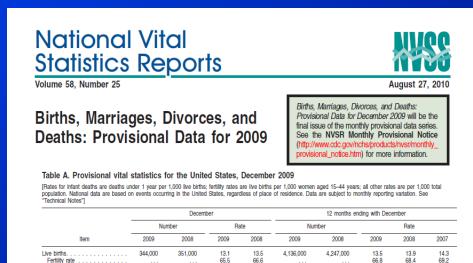
- Model Laws for Vital Registration
 - Significant update reflecting the changes in family formation, societal mores, security and electronic registration systems
- Drop in birth rate
 - USA Today and others coupled change to the recession

Program Highlights from DVS

Model Laws for Vital Registration

 Significant update reflecting the changes in family formation, societal mores, security and electronic registration systems

 Drop in birth rate and coupled by to press changes in the economy



Births, Marriages, Divorces, and Deaths: Provisional Data for December 2009 will be the final issue of the monthly provisional data series. See the NVSR Monthly Provisional Notice (http://www.cdc.gov/nchs/products/nvsr/monthly_ provisional_notice.htm) for more information.

Health Care Statistics

Change National Hospital Discharge Survey

- Increased focus on inpatient care
- New sample of about 500 hospitals
- First step toward electronic data collection and transmission.
 - Initially from Uniform Bills (UB's)

 Over time from electronic extraction and transmission of clinical data from electronic health record systems

Health Care Statistics

- In 2013 move NHAMCS into NHCS hospitals
 - Enable data on care transitions within the hospital
 - For Inpatient and Ambulatory Care, these hospitals will provide a platform for special data collection in collaboration with other agencies

Analysis and Epidemiology

- Developing the Health Indicators Warehouse, on target for December 2010
- Released Health United States, 2009: In Brief—Medical Technology.
- Coordinated the data production effort to produce baseline data for over 1,000 Healthy People 2020 objectives in preparation for the launch of HP2020 in Dec 2010.

Analysis and Epidemiology

- Major contributions to high profile reports (in process):
 - White House Report on Women and Girls
 - CDC Report on Health Disparities
 - Mental Illness Surveillance Summary
- Released the 2010 reports of both the Aging and the Children's Forums

America's Children in Brief: Key National Indicators of Well-Being, 2010



OLDER AMERICANS 2010 Key Indicators of Well-Being

Analysis and Epidemiology

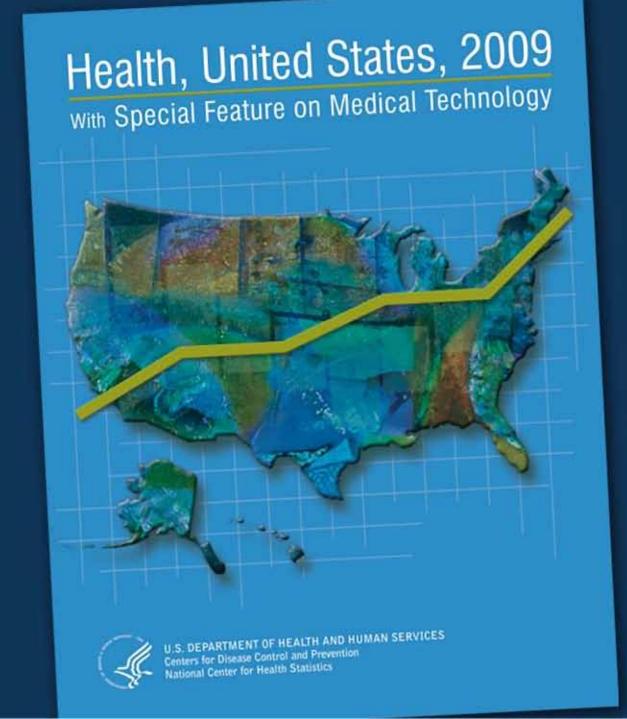
- Technical Assistance to HHS –Providing technical assistance to the Department on many issues in addition to the
 - Community Health Data Initiative
 - Disparities measurement provisions in the ACA (health reform)
 - Evaluation of the reauthorized Children's Health Insurance Program (CHIPRA) and
 - Evaluation of the Communities Putting Prevention to Work initiatives (under stimulus legislation)

Analysis and Epidemiology

- New wave of linked Medicare files that will be available to the research community.
 - Medicare enrollment and claims data and ESRD patient data as recent as 2008 linked to
 - NHANES
 - NHIS
 - Longitudinal Study of Aging II
 - National Nursing Home Survey

New NCHS Appointment

Nathaniel Schenker, Ph.D. Associate Director for Research and Methodology Director, Office of Research and Methodology





• New Data Briefs: 23 during FY 2010

Data Briefs

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NCHS Data Brief No. 43 September 2010

Emergency Department Visits for Chest Pain and Abdominal Pain: United States, 1999–2008

Farida A. Bhuiya, M.P.H.; Stephen R. Pitts, M.D., M.P.H., F.A.C.E.P.; and Linda F. McCaig, M.P.H., Division of Health Care Statistics

Key findings

Data from the National Hospital Ambulatory Medical Care Survey: 1999–2008

The number of noninjury
 more oney department (ED)

Chest and abdominal pain are the most common reasons that persons aged 15 years and over visit the emergency department (ED) (1). Because EDs provide both emergency and nonemergency care (2,3), visits for these symptoms may vary in their acuity. Advanced medical imaging is often ordered to assist in both diagnosing and ruling out serious illness associated with these symptoms (4,5). This report describes trends in visits for chest and abdominal pain in adults and the seriousness of illness and use of imaging in these visits. All data shown are for persons aged 18 and over whose visit was

Data Briefs

• New Data Briefs: 23 during FY 2010

Other topics:

- Prescription Drug Use
- Trends in Preterm Births
- Mortality Among Teenagers
- Depression and Smoking
- Racial and Ethnic Differences in Hypertension, High Serum Total Cholesterol, and Diabetes

Health Indicators Warehouse

• Aims

- Wider dissemination and application of health indicators and HHS data
- Harmonize and improve data quality
- Warehouse is the core of the HHS Community Health Data Initiative under Open.gov

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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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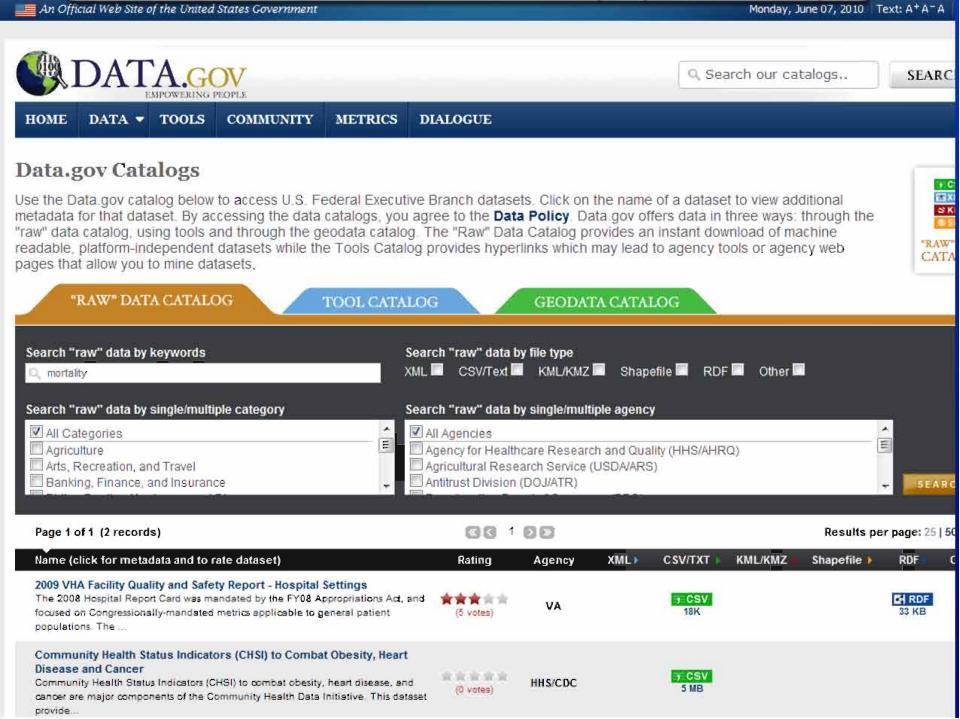
- PRESIDENT OBAMA, 01/21/09





"The Strategic Plan describes our work to address complex and evolving health, public health,

annenale and keine an ermiter terrer "



Budget Update

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)

2010 Increase Enabled NCHS to:

- Restore NHIS sample size to 87,500
- Fund 12 months of Vital Statistics data collection
 - Improve timeliness of payments to States by 1-2 months
 - Funding to resolve state cause of death reject coding for states
- Support new Residential Care survey
- Support new hires

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- FY 11: President's Request: \$161.9 M (+23.2 M)

Proposed 2011 Budget

- Vital Statistics (\$11 M):
 - Implement the re-engineered web-based electronic birth registration system in 6 states and 4 territories
 - Provide funding for all items on the revised certificate and some improvements to timeliness and quality
 - Phase in electronic death registration using a 50/50 cost sharing with states

Proposed 2011 Budget

- Health Interview Survey (\$8 M)
 - Increase size of NHIS from 35,000 households to 43,000 households
 - State and community level data
 - Insurance coverage and care measures
 - Information for smaller racial/ethnic populations
- National Ambulatory Medical Care Survey (\$3.5 M)
 - Increase sample size to monitor change
 - Care organization
 - Some state estimates over two years
- Maintenance (\$0.7 M)

Status of FY 2011 Budget

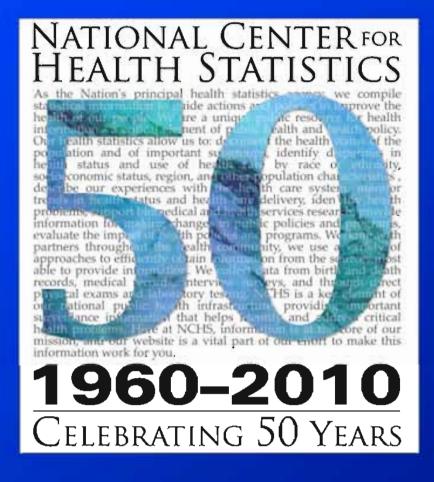
- Budget awaits Congressional Action
- Possible Continuing Resolution

If t_b time interval to 2011 Budget:
 [60< t_b < 180] SCI @ 0.95

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SCI = Sondik Confidence Interval



Affordable Care Act: Section 4302 Developing Collection Standards

- Section 4302: Development of standards for collecting data on race, ethnicity, sex, primary language, and disability status
 - Subcommittee of DHHS Data Council developing recommendations for standards
 - Listening Session to be held to consider other possible data elements for standardization

Notes ed says to mention....

- Vital signs report
- Surveillance registry
- Disparities
- Health reform
- Other stuff records/NAS