

# 2010 National Conference on Health Statistics

## Session 4. Finding Key Resources on the NCHS Website

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NATIONAL CENTER FOR  
HEALTH STATISTICS



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ON HEALTH STATISTICS  
CHARTING THE COURSE

# Outline of the Session

- Explanation of handouts
- Rules for the class
- Key resources we will cover in the class
- Overview of NCHS
- Overview of each key resource with web navigation exercises after each section
- Participant questions and answers

# Handouts

- Copy of slides
- Guide to NCHS Surveys, Data Systems, and Publications.
- Printed copy of the NCHS homepage with the “Homepage Goodies” and key resources highlighted for easy identification.

# Rules for the Class

1. Do not use the CDC search box
2. Do not use any search engines such as Google, Yahoo, or Bing
3. All answers must be attained by navigating through the NCHS website
4. Do not use the blue A-Z index bar at the top of the page

# Key Resources that we will cover:

- Home Page Goodies
- Surveys and Data Collection Systems
  - Questionnaires
  - Raw Data
- Publications
- FastStats
- Data Access
  - Vital Stats Online
  - Health Data Interactive
  - CDC Wonder

# Overview of NCHS

- Provides fundamental public health and health policy statistics that meet the needs of a wide range of users
- Tracks changes in health and health care across the nation
- Provides mechanisms for obtaining consistent, uniform statistics

# NCHS Data Uses



- Comparisons across populations, providers, and geographic areas
- Planning/assessing public health programs
- Identifying health problems, risk factors, and disease patterns

# http://www.cdc.gov/nchs

CDC Home



Centers for Disease Control and Prevention  
Your Online Source for Credible Health Information

SEARCH

A-Z Index [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) <#>

## National Center for Health Statistics

### NCHS Home

[Surveys and Data Collection Systems »](#)

[National Health Care Surveys](#)

[National Health Interview Survey](#)

[National Health and Nutrition Examination Survey](#)

[National Vital Statistics System](#)

[Publications »](#)

[Browse/Search Publications](#)

[Data Briefs](#)

[Health E-Stats](#)

[Health, United States](#)

[Data Access](#)

[Data Access Tools](#)

[Data Linkage](#)

[Public Use Data & Documentation](#)

[Research Data Center](#)

### NCHS For You

[Librarians](#)

[NCHS For You](#)

The National Center for Health Statistics' website is a rich source of information about America's health... [More »](#)

### FastStats... Statistics by Topic

#### Diseases and Conditions

Asthma, Cholesterol, Diabetes, Heart Disease, Hypertension, Obesity...

#### Health Care and Insurance

#### Injuries

#### Life Stages and Populations

#### Lifestyle

[More Topics »](#)

### Tools & Resources

- [Health Data Interactive](#)
- [Healthy People 2010/2020](#)
- [Injury Data and Resources](#)
- [ICD and ICF Classifications and Coding](#)
- [National Death Index](#)
- [NCHS Survey Measures Catalog](#)
- [NHANES Tutorial](#)
- [Q-Bank Question Evaluation Reports](#)
- [Responses to Recent Health Policy](#)



### What's New!

#### Education Reporting and Classification on Death Certificates in the United States

[\[PDF - 286 KB\]](#)

#### Provisional - Deaths: Final Data for 2007

[\[PDF - 555 KB\]](#)

#### Design and Operation of the National Home Health Aide Survey: 2007-2008

[\[PDF - 1.9 MB\]](#)

#### One in Five Americans Has Been to the ER in the Past Year

New report looks at characteristics of ER visits in 2007.



[More Releases...](#)

### About NCHS

- [About the National Center for Health Statistics](#)
- [Mission](#)
- [Budget](#)
- [Mission](#)
- [Statistics](#)
- [About the National Center for Health](#)

Text size: [S](#) [M](#) [L](#) [XL](#)

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### News & Events

[Press Room »](#)

[2010 Release Schedule »](#)

[Events »](#)

### NCHS Top 10

[Where to Write for Vital Records](#)  
[U.S. Growth Charts](#)

[U.S. Growth Charts](#)  
[Vital Records](#)  
[Where to Write for](#)



# Homepage Goodies

- What's New!
- NCHS Top 10
- 2010 Release Schedule
- Tools and Resources
- CDC Data and Statistics

Evangeline Adams

# Surveys and Data Collection Systems

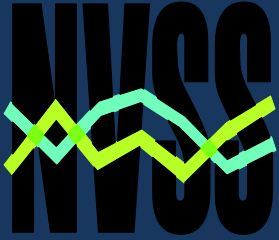
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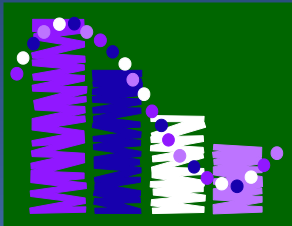
# Major Data Systems and Surveys



National Vital Statistics System



National Health Interview Survey



National Health Care Surveys



National Health and Nutrition Examination Survey

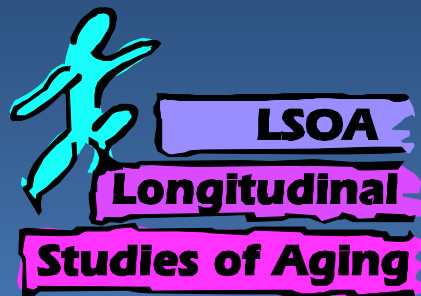
# Subject Specific Surveys



National Survey of Family Growth



State and Local Integrated Telephone Survey



The Longitudinal Studies of Aging

National Immunization Survey

# Data Collection Methods

- Vital statistics data collected in partnership with states
- Household interview surveys
- Examination surveys
- Health care provider surveys
- Telephone surveys



# Survey and Data Collection Systems Exercises

<b>NCHS Home</b>
Surveys and Data Collection Systems »
National Health Care Surveys
National Health Interview Survey
National Health and Nutrition Examination Survey
National Vital Statistics System
Publications »
Browse/Search Publications
Data Briefs
Health E-Stats
Health, United States
Data Access
Data Access Tools
Data Linkage
Public Use Data & Documentation
Research Data Center

1. The National Health Care Survey consists of seven surveys. Which survey collects data on visits to office-based physicians?
2. Public-use data files (micro-data) are available from each NCHS survey. What is the latest year data are available from the National Health Interview Survey?

# Survey and Data Collection Systems Exercises

<b>NCHS Home</b>
Surveys and Data Collection Systems »
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3. NHANES is a complex survey and analyzing the data may require some training. What is a possible first step in the learning process?
4. Using the NHANES examination datasets, find the most recent blood pressure data available. When was it released?

Alana Yick

# Publications and Reports, FastStats

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# Publications and Reports

## NCHS Home

Surveys and Data  
Collection Systems »

National Health Care  
Surveys

National Health  
Interview Survey

National Health and  
Nutrition Examination  
Survey

National Vital Statistics  
System

Publications »

Browse/Search  
Publications

Data Briefs

Health E-Stats

Health, United States

Data Access

Data Access Tools

Data Linkage

Public Use Data &  
Documentation

Research Data Center

## National Health Statistics Reports

Number 14 ■ March 11, 2009

Smoking Substitution: State-level Estimates From the  
National Health Interview Survey,  
January–December 2007

Blumberg, Ph.D., and  
S, and Gestat David  
Soderberg, M.S., the

report presents state  
level estimates of  
these wireless-only  
the report also presen  
ting in wireless-ov  
of U.S. adults in  
simple modeling a

## National Vital Statistics Reports

Volume 57, Number 13



April 3, 2009

Births, Marriages, Divor  
ces, and Deaths: Natio  
nal Data for J

National vital statistics for the  
year ending under 1 year per 1,000  
are based on events occurring in

Marriage	Divorce	Death
275,000	240,000	2,400,000
109,000	2,400	100,000
100,000	231,000	

Series 10, Number 239  
January 2009

Summary Health Statistics  
for U.S. Children: National  
Health Interview Survey,  
2007

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Centers for Disease Control and Prevention  
National Center for Health Statistics

## NCHS Data Brief ■ No. 39 ■ May 2010

### Are Preterm Births on the Decline in the United States? Recent Data From the National Vital Statistics System

Joyce A. Martin, M.P.H.; Michele J.K. Osterman, M.H.S.; and Paul D. Sutton, Ph.D.

#### Key findings

- While rising along with a long period of steady increase, the U.S. preterm birth rate declined 6% in the second 4-year period from 2006 to 2008, from 12.8 percent in 2004.
- This marks the first 12-year decline in the preterm birth rate in nearly three decades.
- Preterm birth rates declined from 2004 to 2008 6% in all age groups and in all Hispanic origin populations in the U.S.
- The percentage of births that do not survive of the fetus from 2004 to 2008, 6% in all states and in all racial and ethnic groups.

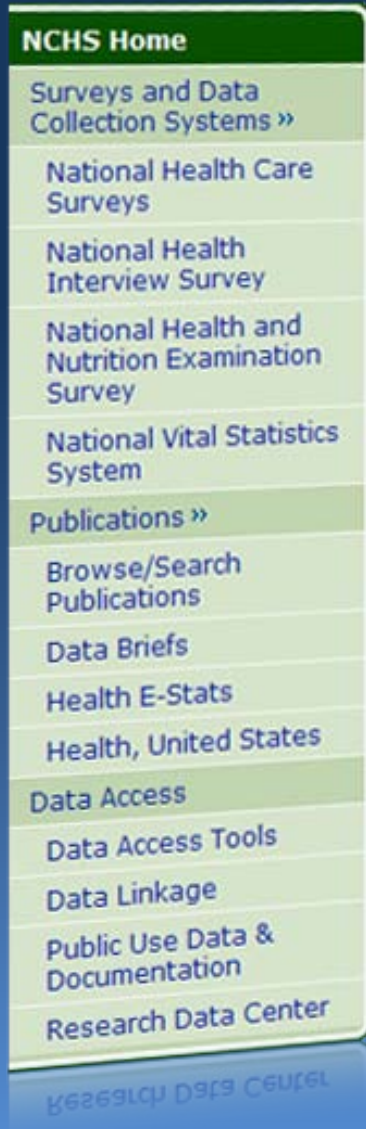
## Health, United States, 2009

with Special Feature on Medical Technology



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Centers for Disease Control and Prevention  
National Center for Health Statistics

# Publications and Reports Exercises



1. How many live births were there in November 2009?
2. Find the NHANES report about blood folate levels.
3. What is the life expectancy for someone born in 2006?
4. Using the report Health, United States, what percent of adults currently smoke cigarettes?

# FastStats

## “Statistics by Topic”

### FastStats... Statistics by Topic

#### Diseases and Conditions

Asthma, Cholesterol, Diabetes, Heart Disease, Hypertension, Obesity...

#### Health Care and Insurance

#### Injuries

#### Life Stages and Populations

#### Lifestyle

[More Topics »](#)

- Alphabetical listing of popular health topics
- Each topic has links to reports and surveys in which data on the topic is collected

# FastStats Exercises

## FastStats... Statistics by Topic

### Diseases and Conditions

Asthma, Cholesterol, Diabetes, Heart Disease, Hypertension, Obesity...

### Health Care and Insurance

### Injuries

### Life Stages and Populations

### Lifestyle

[More Topics »](#)

[More Topics »](#)

### Lifestyle

### Life Stages and Populations

1. What percentage of people that visit the emergency room end up being admitted?
2. What is the average height and weight of a man?
3. How many new cases of chlamydia were reported in 2007?
4. How many deaths were there in Virginia in 2007?

Anthony Quintana

# Data Access Tools

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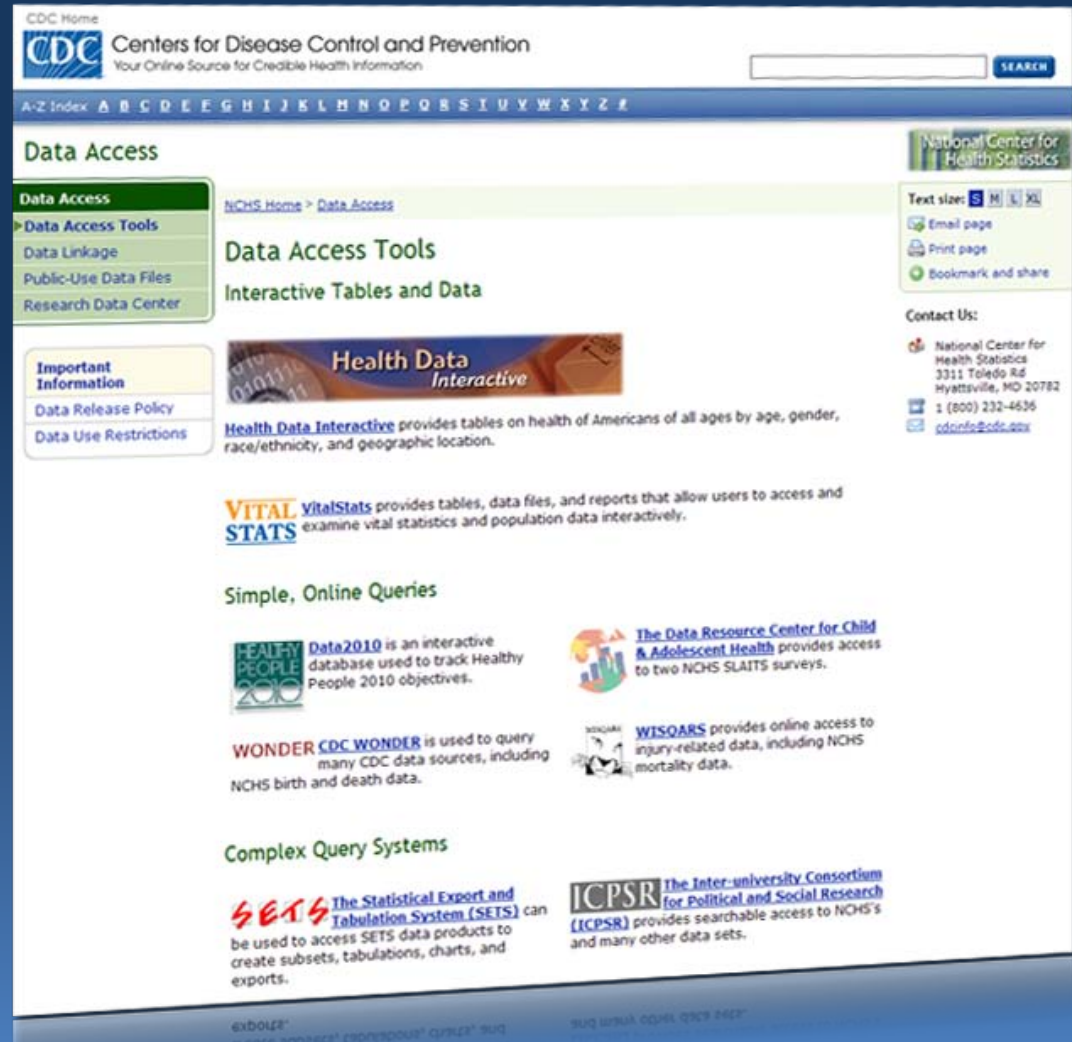


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# Data Access Tools

## Tools & Resources

- Health Data Interactive
- Healthy People 2010/2020
- Injury Data and Resources
- ICD and ICF Classifications and Coding
- National Death Index
- NCHS Survey Measures Catalog
- NHANES Tutorial
- VitalStats



The screenshot shows the CDC NCHS Data Access Tools page. At the top, it features the CDC logo and the text "Centers for Disease Control and Prevention" with the tagline "Your Online Source for Credible Health Information". A search bar is located in the top right corner. Below the header, there is a navigation menu with "Data Access" highlighted. The main content area is titled "Data Access Tools" and "Interactive Tables and Data". A prominent banner for "Health Data Interactive" is displayed, with a description stating it provides tables on the health of Americans by age, gender, race/ethnicity, and geographic location. Below this, there are sections for "VITAL Stats" (examining vital statistics and population data), "Simple, Online Queries" (including Data2010, WISQARS, and the Data Resource Center for Child & Adolescent Health), and "Complex Query Systems" (including the Statistical Expert and Tabulation System (SETS) and the Inter-university Consortium for Political and Social Research (ICPSR)). A sidebar on the left contains "Data Access Tools", "Data Linkage", "Public-Use Data Files", and "Research Data Center". A right sidebar includes "Text size" options, "Email page", "Print page", "Bookmark and share", and "Contact Us" information for the National Center for Health Statistics.

[http://www.cdc.gov/nchs/data\\_access/data\\_tools.htm](http://www.cdc.gov/nchs/data_access/data_tools.htm)

# Health Data Interactive

1. What race/ethnicity has the highest percentage of persons who have never smoked cigarettes? How current is the data?
2. What percentage of American Indian males 18-24 years engage in regular physical activity? How current is the data?
3. What percentage of Black females among Medicare beneficiaries 65 years and over in 2007 had difficulty walking? Make a chart.
4. What is the infant mortality rate for Pennsylvania, Montana, and Florida? How current is the data? Make a chart.

# VitalStats

1. In 2006, how many girls under the age of 15 delivered a baby over 5000 grams?
2. In 1990, how many Black women between 40-44 years of age had a VBAC?
3. What was the U.S. Population in 2006?



# CDC Wonder

Find the number of neoplasm deaths that occurred in Calumet County, Wisconsin each year between 1980 and 1985, broken down by age.

# Questions and Answers

# Contact Information

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