2010 National Conference on Health Statistics

Session 4.
Finding Key Resources on the NCHS Website

Anthony Quintana
Evangeline Adams
Alana Yick

Office of Information Services
National Center for Health Statistics
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
Homepage Goodies

• What’s New!
• NCHS Top 10
• 2010 Release Schedule
• Tools and Resources
• CDC Data and Statistics
Surveys and Data Collection Systems
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

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?
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?
Publications and Reports, FastStats

Alana Yick
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”

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

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?
Data Access Tools

Anthony Quintana
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

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.
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?
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

Anthony Quintana
AQuintana@cdc.gov

Evangeline Adams
EDAAdams@cdc.gov

Alana Yick
AYick@cdc.gov

General information and inquiries:
E-mail: cdcinfo@cdc.gov
Telephone: 1 (800) 232-4636