The HHS Gateway to Data and Statistics

Overview and Hands-On Demo of the Gateway to Data and Statistics to the:

16 Aug 2010

Fulfilled as part of the DHHS contract:
“Maintenance, Enhancements and Improvements to the HHS Data Council's Integrated Electronic Gateway to Data and Statistics” for the Office of the Assistant Secretary for Policy and Evaluation
Agenda

Demonstration and Hands-on Session to the NCHS

- What is the HHS Gateway?
  - Background
- How can it serve you in your organization?
  - Mission or goal specific focus
  - Standard and customized screens/reports
- What can you do to enhance the Gateway?
  - Increasing the quality and quantity of records
  - Improving the user interface and result listings
  - Providing feedback on the material
- Demo
  - Exercise in using the Gateway
    - Follow-up Scavenger hunt for information
What is the HHS Gateway?

The Gateway to Data and Statistics [http://hhs-stat.net] is a portal for health data, information and statistical resources that:

- Catalogs websites that feature federal, state and local government created or sponsored health statistics and reports into a single, web portal, accessible worldwide to the public free of charge
- Is sponsored by the HHS Data Council and the Office of the Assistant Secretary for Planning and Evaluation

Users include:
- Policy-makers
- Researchers
- Administrators
- General public
The HHS Gateway to Data and Statistics is designed to help users find the websites with data and statistical results that they can use to gain a better understanding of health and human services conditions and the services that respond to them.

It provides access to an online catalog of these resources. The catalog is organized like a catalog of a library except that it refers to websites rather than books.
The HHS Gateway covers all types of Health and Human Services Statistics. It catalogs internet-based resources including:

- Internet sites
- Internet-published reports
- Tables on the internet
- Geographically-referenced materials
- Sites where searchers can configure their own tables

It also links to relevant websites including those sponsored by:

- The HHS Data Council
- The National Committee on Vital and Health Statistics
- Agencies within HHS as well as other federal agencies that present related data
- The Office of Minority Health
- The Office of Women’s Health and
- Sites that present data collected by relevant State and local government agencies
The HHS Gateway database includes internet resources that meet the following criteria:

- The resource reports on statistical data or methods related to health or human services.
- The resources were created or sponsored by a Federal, state, or local government agency or organization.
- Non-government resources are included if they are funded by a government agency, but otherwise, the site does not cover them.
Features

A. The Gateway
Serves as a window to access Health Data and Statistics and:
1. Catalogs web based resources.
2. Allows users to search with Boolean (think “Google” search) logic strings
3. Offers a guided search feature

B. Other key features of the Gateway are:
1. Use of standard terminology to catalog material.
2. Equivalence tables that direct users to terms related to those they use.
3. Information on studies, organizations and agencies.
4. Tagging of geographically referenced materials—to integrate the application with the geodata.gov initiative.
1. Users access the HHS Gateway

2. The Gateway pulls information using a tagged database

3. The appropriate website URL, agency, study, topic and other features are accessed via the database.
Welcome to the HHS Gateway to Data and Statistics. This web-based tool provides easy access to HHS data and statistics and also brings together key federal health and human services related data and statistics from other sources. It locates health-related data, statistical information, and reports collected from various government resources in one convenient location.

Search the database of statistical resources

For more options click Guided Search

Statistical Data Topics

- **Diseases, Disorders and Health Status**
  - Disability, Cancer, AIDS/HIV

- **Risk Factors**
  - Substance Abuse, Obesity, Tobacco

- **Health Care Services**
  - Health System, Procedures and Therapies

- **Income and Poverty**
  - Social Security, Income, Poverty

- **Family and Community Services**
  - Social/Family Issues, Child-Rearing Costs, Adoption

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Health Resources
- Health Care Workers, Physicians, Nurses
- Financing and Expenditures for Health and Human Services
  - Health Insurance, Health Care Costs, Medicaid
- Special Populations
  - Children, Rural, Minorities
- Other Health Topics
  - Accidents/Unintentional Injury, Life Tables, Lost Work Days
The exercise will cover some of the ways to use the Gateway
There will be a quiz (scavenger hunt) afterwards
This session will demonstrate four features of the HHS Gateway site.

1. Data Topics
   - Risk Factors
     - Substance Abuse, Obesity, Tobacco

2. Health Resources
   - Health Care Workers, Physicians, Nurses
   - Financing and Expenditures for Health and Human Services
     - Health Insurance, Health Care Costs, Medicaid
   - Special Populations
     - Children, Rural, Minorities
   - Other Health Topics
     - Accidents/Unintentional Injury, Life Tables, Lost Work Days

3. Search the database of statistical resources
   - For more options click Guided Search

4. Website navigation
   - Federal Agency Data Sites
   - State Agency Data Sites
   - Minority Health Statistics
   - About The Gateway
   - Site Map
   - Feedback

The site offers several ways to search for sites--by Boolean logic, using topics, through the guided search and using the meta directory of HHS data resources.
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An example using the topics to find information
1: Risk Factors: Food Safety

HHS Gateway to Data and Statistics

You are now in Home > Data Finder > Risk Factors

A
- Alcohol
- Amphetamines
- Asbestos

B
- Bioterrorism
- Birth Weight

C
- Cholesterol
- Cocaine
- Crashes
- Crime

D
- Drug Abuse

E
- Environmental Exposures

F
- Fire

G
- Food Safety
- Food, Nutrition and Metabolism
- Genetic factors
HHS Gateway to Data and Statistics Hands On Session

1: Risk Factors: Food Safety

You are now in Home > DataFinder > Food Safety

Food Net
National Center for Infectious Diseases
The Food borne Diseases Active Surveillance Network (Food Net) is the principal food borne disease component of CDC’s Emerging Infections Program (EIP)  More>>
Topic: Food Safety, Surveillance
http://www.cdc.gov/foodnet/

Food-Related Illness and Death in the United States
National Center for Infectious Diseases
More than 200 known diseases are transmitted through food. The causes of food borne illness include viruses, bacteria, parasites, toxins, metals, and  More>>
Topic: Nutrition and Exercise Food Safety Deaths
http://www.cdc.gov/ncidod/EID/vol5no5/mead.htm

PHLIS Surveillance Data - Salmonella
Centers for Disease Control and Prevention
Topic: Infections Food Safety Surveillance
http://www.cdc.gov/ncidod/dbmd/phlisdata/salmonella.htm

 Sources of Data for Food Net
Centers for Disease Control and Prevention
This site describes the sources of information used to compile FoodNet. In addition to ongoing active surveillance, FoodNet activities include surve  More>>
Topic: Food, Nutrition and Metabolism Physicians Food Safety
http://www.cdc.gov/foodnet/surveillance.htm
FoodNet - Foodborne Diseases Active Surveillance Network

The FoodNet surveillance network (FoodNet) is the principal foodborne disease component of CDC's Emerging Infections Program (EIP). FoodNet is a collaborative project of the CDC, ten EIP sites, the U.S. Department of Agriculture (USDA), and the Food and Drug Administration (FDA).

The project consists of active surveillance for foodborne diseases and related epidemiologic studies designed to help public health officials better understand the epidemiology of foodborne diseases in the United States.

FoodNet Highlights


NEW - 2010 MMWR: Facts and Figures

NEW - 2010 MMWR: Questions and Answers

2007 FoodNet Annual Report

2005 FoodNet Annual Report

2003 FoodNet Annual Report

Summer 2003 FoodNet News

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Search the database of statistical resources

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Statistical Data Topics

Diseases, Disorders and Health Status
Disability, Cancer, AIDS/HIV

Risk Factors
Substance Abuse, Obesity, Tobacco

Health Care Services
Health System, Procedures and Therapies

Income and Poverty
Social Security, Income, Poverty

Family and Community Services
Social/Family Issues, Child-Rearing Costs, Adoption

Health Resources
Health Care Workers, Physicians, Nurses

Financing and Expenditures for Health and Human Services
Health Insurance, Health Care Costs, Medicaid

Special Populations
Children, Rural, Minorities

Other Health Topics
Accidents/Unintentional Injury, Life Tables, Lost Work Days

Another example using the topics to find information
2: Health Resources: Nurses
HHS Gateway to Data and Statistics Hands On Session

2: Health Resources: Nurses

You are now in Home > DataFinder > Nurses

**National Institute of Nursing Research**
National Institutes of Health
The National Institute of Nursing Research supports research to establish a scientific basis for the care of individuals across the life span from ma More>>
Topic: Nurses
http://www.nih.gov/nihr/

**The National Institute of Nursing Research**
National Institutes of Health
The National Institute of Nursing Research supports clinical and basic research to establish a scientific basis for the care of individuals across the More>>
Topic: Nurses
http://nhr.nih.gov/nhr/

**Estimated Supply of Registered Nurses by Geographic Area December 31, 1999**
Health Resources and Services Administration
This report provides data on estimated supply of registered nurses by geographic area December 31, 1999. More>>
Topic: Nurses
http://ohrpr.hrsa.gov/healthworkforce/reports/factbook02/FB402.htm

**Registered Nurses Prepared for Advanced Practice March 2000**
Health Resources and Services Administration
The summary reports that the number of RNs educated as NPs increased by 44.8 percent between March 1996 and March 2000. In 1996, there were an estimat More>>
Topic: Nurses
http://ohrpr.hrsa.gov/healthworkforce/reports/medsurvey/rnc1.htm#14

**Distribution of RNs by Selected Position Titles 1990- 2000**
Health Resources and Services Administration
The summary reports that in 2000, an estimated 69 percent of RNs employed in nursing spent at least 50 percent of their usual workweek in direct pati More>>
Topic: Nurses
http://ohrpr.hrsa.gov/healthworkforce/reports/medsurvey/rnc1.htm#19

**Barriers to Implementing Technology in Residential Long-Term Care Settings**
Office of the Assistant Secretary for Planning and Evaluation DHHS
This report provides data on barriers to implementing technology in residential long-term care settings. The report define residential long-term care More>>
Topic: Nurses
http://aspe.hhs.gov/fall97/reports/techbar.pdf

- Administrator
- Consultant
- Supervisor
- Head nurse
- Staff nurse
- Nurse Practitioner
- Nurse Midwife
- Clinical Nurse Specialist
- Nurse Clinician
- Nurse Anesthetist
- Researcher
- Private Duty
- Other

3: Guided Search

An example using the Guided Search to find information
Guided Search Categories are:

- Agency
- Geographic Area
- Study
- Topic
- Type of Site
- URL Type
HHS Gateway to Data and Statistics Exercise

3: Guided Search

Please specify your criteria

Select criteria: Agency
Select Organization Type: DHHS Research or Statistics
Select "Agency": National Center for Health Statistics

Get Result

Add Another Criteria

<< Back  Clear Search
Type in Aids for a search on Aids-related information and statistics

**HHS Gateway to Data and Statistics Exercise**

**3: Guided Search**

You have selected:

- Agency: National Center for Health Statistics
- Keyword: aids

Your search returned 34 values

**Fast Stats - AIDS/HIV (Urlid 1122)**
National Center for Health Statistics
This page provides summary of AIDS/HIV's comprehensive data and related links. [More](http://www.cdc.gov/nchs/fastats/aids-hiv.htm)

**Human Immunodeficiency Virus HIV Data (Urlid 1281)**
National Center for Health Statistics
Number and rate of discharges from short stay hospitals with human immunodeficiency virus diagnoses, by selected characteristics:
United States, 1990- [More](http://www.cdc.gov/nchs/fastats/aids-hiv.htm)

**Acquired Immunodeficiency Syndrome (AIDS) cases, by year of diagnosis and selected characteristics: U.S., 2002-2006 (Urlid 12913)**
National Center for Health Statistics
The report has been taken on basis of characteristics like age, sex, tobacco, population, Hispanic origin and race. [More](http://www.cdc.gov/nchs/fastats/aids-hiv.htm)

National Center for Health Statistics
This data table provides information on Acquired Immunodeficiency Syndrome (AIDS) cases, according to year of diagnosis and selected characteristics. [More](http://www.cdc.gov/nchs/fastats/aids-hiv.htm)

**Table S2. Acquired Immunodeficiency Syndrome (AIDS) Cases, according to Year of Diagnosis and Selected Characteristics of Persons: United States, 1999-2003 (Urlid 13482)**
National Center for Health Statistics
This data table provides information on Acquired Immunodeficiency Syndrome (AIDS) Cases, according to year of diagnosis and selected characteristics. [More](http://www.cdc.gov/nchs/fastats/aids-hiv.htm)
4: MetaDirectory of HHS Data Resources

An example showing the MetaDirectory to access meta-links
### 4: MetaDirectory of HHS Data Resources

**Agency for Healthcare Quality and Research**

- Healthcare Cost and Utilization Project [HCUP]  
  - [Direct Link](#)
- Medical Expenditure Panel Survey [MEPS]  
  - [Direct Link](#)

**Centers for Disease Control and Prevention**

**National Center for Chronic Disease Prevention and Health Promotion**

- Behavioral Risk Factor Surveillance System  
  - [Direct Link](#)
- Youth Risk Behavior Surveillance System [YRBSS]  
  - [Direct Link](#)

**National Center for Health Statistics**

- National Immunization Survey [NIS]  
  - [Direct Link](#)
- National Health and Nutrition Examination Survey [NHANES]  
  - [Direct Link](#)
- National Health Care Surveys [NHCS]  
  - [Direct Link](#)
- National Health Interview Survey [NHIS]  
  - [Direct Link](#)
- National Survey of Family Growth [NSFG]  
  - [Direct Link](#)
- National Vital Statistics System [NVSS]  
  - [Direct Link](#)
- State and Local Area Integrated Telephone Survey [SLAITS]  
  - [Direct Link](#)
Check on skills for using the HHS Gateway to locate information
Using **Guided Search**, find the study that shows the number of people who died from the West Nile Virus in Alabama from Jan 1 to Nov 17, 2007.
West Nile Virus Update --- United States, January 1--November 13, 2007

Centers for Disease Control and Prevention

This report summarizes 2007 West Nile virus (WNV) surveillance data reported to CDC through ArboNET, November 13, 2007. A total of 43 states had reports.

More>>

Topic: Deaths

http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5645a4.htm
Scavenger Hunt Item #2

- Using **Meta Directory of HHS Data Resources**, find the brochure about the *National Health Interview Survey*

You should see the report that looks like this one. Notify proctor when you have found it.
Wrap-up of the HHS Gateway Hands On Session and Scavenger Hunt

- Trifolds contain all of the HHS Gateway information
- To enhance the site by increasing the quality and quantity of records we will be:
  - Interested in obtaining your feedback and ideas on topics and areas of interest, user interface and design
  - Researching for automated tools that easily crawl and search the web for new material
  - Adding in alerts to notify us when information has changed

http://hhs-stat.net/