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 [<u>http://hhs-stat.net</u>] 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

Purpose

- 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.

Coverage

- > 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

Scope

- 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 was created or sponsored by a Federal, state, or local government agency or organization.
 - Non-government resources are included if are funded by a government agency, but otherwise the site does not cover them.

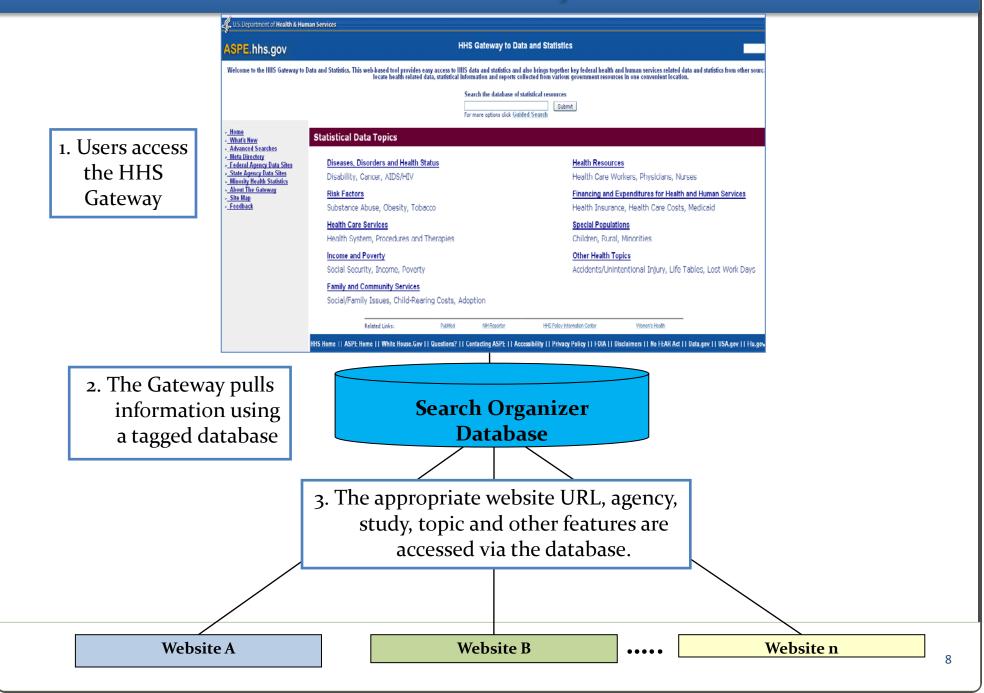
Features

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.

The HHS Gateway Process



The Gateway Home Page U.S. Department of Health & Human Services HHS Gateway to Data and Statistics ASPE.hhs.gov 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 source locate health-related data, statistical information and reports collected from various government resources in one convenient location. Search the database of statistical resources Submit For more options click Guided Search Home **Statistical Data Topics** What's New » Advanced Searches Meta Directory **Health Resources** Diseases, Disorders and Health Status Federal Agency Data Sites State Agency Data Sites Disability, Cancer, AIDS/HIV Health Care Workers, Physicians, Nurses » Minority Health Statistics > About The Gateway Financing and Expenditures for Health and Human Services Risk Factors Site Map Feedback Substance Abuse, Obesity, Tobacco Health Insurance, Health Care Costs, Medicaid Health Care Services Special Populations Health System, Procedures and Therapies Children, Rural, Minorities Income and Poverty Other Health Topics Social Security, Income, Poverty Accidents/Unintentional Injury, Life Tables, Lost Work Days Family and Community Services Social/Family Issues, Child-Rearing Costs, Adoption Related Links: PubMed NIH Reporter HHS Policy Information Center Women's Health HHS Home || ASPE Home || White House.Gov || Questions? || Contacting ASPE || Accessibility || Privacy Policy || FOIA || Disclaimers || No FEAR Act || Data.gov || USA.gov || Flu.gov

HHS Gateway to Data and Statistics: Hands On Exercise

- The exercise will cover some of the ways to use the Gateway
- > There will be a quiz (scavenger hunt) afterwards



guided search and using the meta directory of HHS data resources

<u>SA.gov || Flu.gov</u>

HHS Gateway to Data and Statistics Hands On Session									
1: Risk Factors									
Ķ U.S. Department of Health & H	luman Services								
ASPE.hhs.gov	IS.GOV HHS Gateway to Data and Statistics								
Welcome to the HHS Gateway	to Data and Statistics. This web-based tool provides easy access to HHS data and statist locate health-related data, statistical information and re	ics and also brings together key federal health and human services related data and statistics from other sourc ports collected from various government resources in one convenient location.							
		ase of statistical resources Submit lick <u>Guided Search</u>							
× <u>Home</u> × <u>What's New</u>	Statistical Data Topics								
 <u>Advanced Searches</u> <u>Meta Directory</u> <u>Federal Agency Data Sites</u> <u>State Agency Data Sites</u> <u>Minority Health Statistics</u> <u>About The Gateway</u> <u>Site Map</u> <u>Feedback</u> 	Disability, Cancer, AIDS/HIV Disability, Cancer, AIDS/HIV Risk Factors Substance Abuse, Obesity, Tobacco Health Care Services Health System, Procedures and Therapies Health System, Procedures and Therapies Social Security, Income, Poverty Social Security, Income, Poverty Social Security, Income, Poverty	 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 							
	Ref. An example using the	e topics to find information							

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1: Risk Factors: Food Safety



You are now in <u>Home</u> > Data Finder > Risk Factors

<u>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</u>

- А (?) Alcohol
- Amphetamines
- Asbestos
- в
- **Bioterrorism**
- **Birth Weight**
- C.
- Cholesterol
- Cocaine Crashes
- Crime
- D

G

- Drug Abuse
- E **Environmental Exposures**
- F
- (i) Fire
- Food Safety

genetic factors

- Food, Nutrition and Metabolism

13

1: Risk Factors: Food Safety

You are now in <u>Home</u> > <u>DataFinder</u> > 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 <u>More>></u>

Topic : Food Safety Surveillance

http://www.cdc.gov/foodnet/

Food- Related Illness and Death in the United States

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

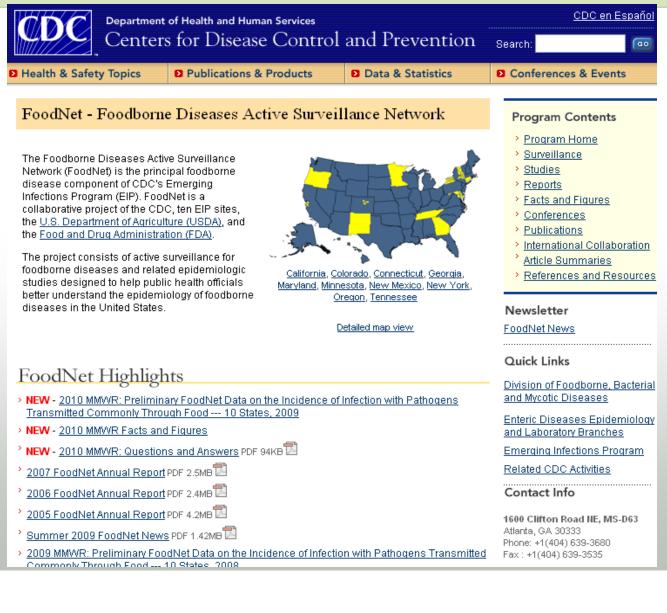
PHLIS Surveillance Data - Salmonella

<u>Centers for Disease Control and Prevention</u> Salmonella tables and Annual Summaries for the years 1995- 2001. The National Salmonella Surveillance System collects reports of isolates of Salmonell <u>More>></u> Topic : <u>Infections Food Safety Surveillance</u> <u>http://www.cdc.gov/ncidod/dbmd/phlisdata/salmonella.htm</u>

Sources of Data for Food Net

<u>Centers for Disease Control and Prevention</u> This site describes the sources of information used to compile FoodNet. In addition to ongoing active surveillance, FoodNet activities include surve <u>More>></u> Topic : <u>Food, Nutrition and Metabolism</u> <u>Physicians</u> <u>Food Safety</u> http://www.cdc.gov/foodnet/surveillance.htm

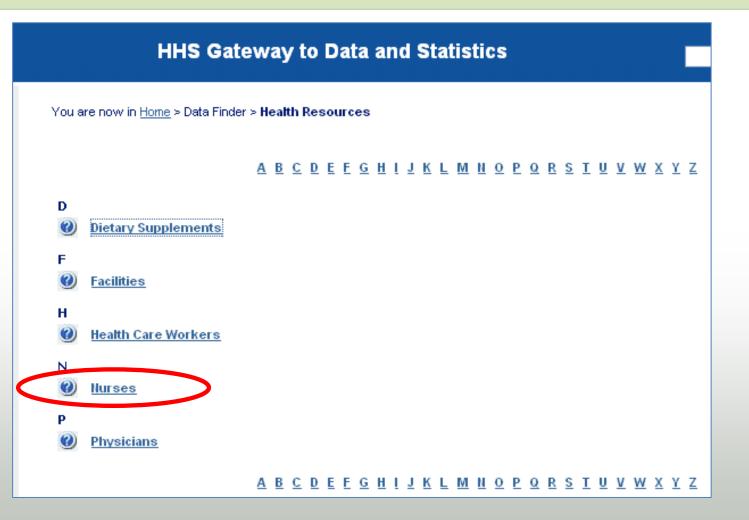
1: Risk Factors: Food Safety: CDC Report on Foodborne Diseases



HHS Gateway to Data and Statistics Hands On Session 2: Health Resources U.S. Department of Health & Human Services HHS Gateway to Data and Statistics ASPE.hhs.gov 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 source locate health-related data, statistical information and reports collected from various government resources in one convenient location. Search the database of statistical resources Submit For more options click Guided Search Home **Statistical Data Topics** What's New > Advanced Searches Meta Directory Health Resources Diseases, Disorders and Health Status » Federal Agency Data Sites State Agency Data Sites Health Care Workers, Physicians, Nurses Disability, Cancer, AIDS/HIV » Minority Health Statistics About The Gateway Financing and Expenditures for Health and Human Services Risk Factors Site Map Feedback Substance Abuse, Obesity, Tobacco Health Insurance, Health Care Costs, Medicaid Special Populations Health Care Services Health System, Procedures and Therapies Children, Rural, Minorities Income and Poverty Other Health Topics Social Security, Income, Poverty Accidents/Unintentional Injury, Life Tables, Lost Work Days Family and Community Services Social/Family Issues, Child-Rearing Costs, Adoption Another example using the topics to find information

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2: Health Resources: Nurses



2: Health Resources: Nurses

You are now in <u>Home</u> > <u>DataFinder</u> > **Nurses**

National Institute of Nursing Research

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

The National Institute of Nursing Research

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

Estimated Supply of Registered Nurses by Geographic Area December 31, 1999

<u>Health Resources and Services Administration</u> This report provides data on estimated supply of registered nurses by geographic area December 31, 1999. <u>More>></u> Topic : <u>Nurses</u> http://bhpr.hrsa.gov/healthworkforce/reports/factbook02/FB402.htm

Registered Nurses Prepared for Advanced Practice March 2000

<u>Health Resources and Services Administration</u> 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 <u>More>></u> Topic : <u>Nurses</u> http://bhpr.hrsa.gov/healthworkforce/reports/rnsurvey/rnss1.htm#14

Distribution of RNs by Selected Position Titles 1988- 2000

Health Resources and Services Administration

Top

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 patie More>>

http://bhpr.hrsa.gov/healthworkforce/reports/rnsurvey/rnss1.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 <u>More>></u> Topic : Nurses

http://aspe.hhs.gov/daltcp/reports/techbarr.pdf

2: Health Resources: Nurses: RNs by Position Titles

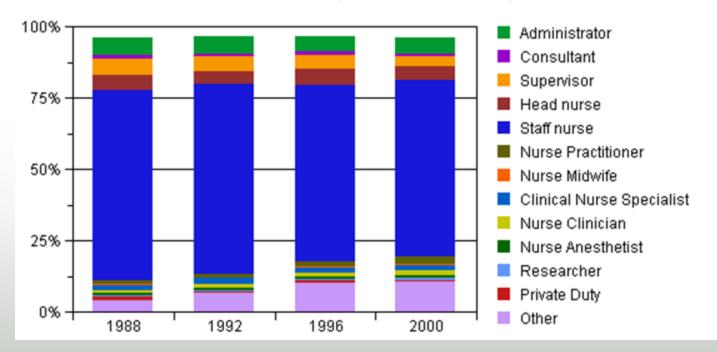


Chart 19. Distribution of RNs by Selected Position Titles, 1988-2000

HHS Gateway to Data and Statistics Hands On Session 3: Guided Search U.S. Department of Health & Human Services HHS Gateway to Data and Statistics ASPE.hhs.gov 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 source locate health-related data, statistical information and reports collected from various government resources in one convenient location. Search the database of statistical resources 3 Submit For more options click Guided Search Home **Statistical Data Topics** What's New > Advanced Searches Meta Directory Health Resources Diseases, Disorders and Health Status Federal Agency Data Sites State Agency Data Sites Disability, Cancer, AIDS/HIV Health Care Workers, Physicians, Nurses Minority Health Statistics About The Gateway Financing and Expenditures for Health and Human Services Risk Factors Site Map Feedback Substance Abuse, Obesity, Tobacco Health Insurance, Health Care Costs, Medicaid Special Populations Health Care Services Health System, Procedures and Therapies Children, Rural, Minorities Income and Poverty Other Health Topics Social Security, Income, Poverty Accidents/Unintentional Injury, Life Tables, Lost Work Days Family and Community Services Social/Family Issues, Child-Rearing Costs, Adoption An example using the Guided Search to find information

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HHS Gateway to Data and Statistics Exercise

3: Guided Search

> Guided Search Categories are:

You

- Agency
- Geographic Area
- Study
- Topic
- Type of Site
- URL Type

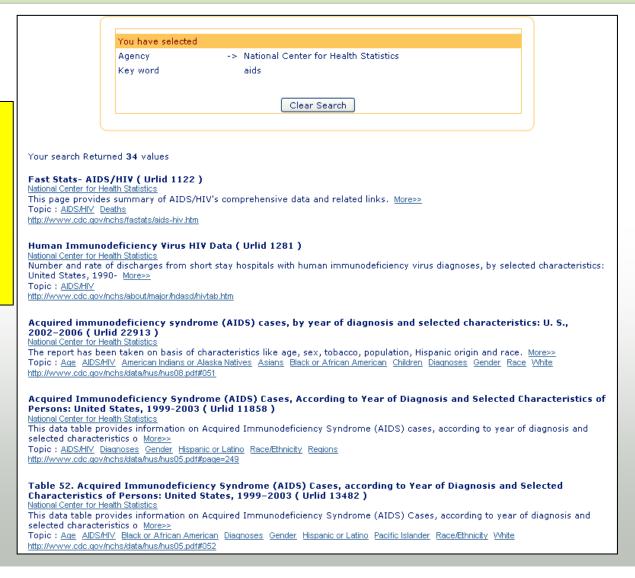
Pleas	e specify your first criteria
Selec	t criteria Agency 💌 Search
Ste	ps for effective Search
1.	Select Criteria – Select any search criteria from the drop down menu, eg. Agency Study, Topic etc. A list of Agency / study/ topic will be listed when you click search.
2.	Key words - If you want to narrow down the search you have the option to specif keywords in the text box.
3.	Further you can narrow down the search results by using boolean operators and entering the next criteria for search. You can follow the above steps till you get your final results.
4.	Conditions - Use OR, AND, NOT - (boolean operators) to add more information to the search (see Boolean Searching help page for assistance).
5.	Search Results - This will show the search results for the search criterias you hav entered/selected.
6.	Clear Search – To start a new search cleck "clear search which will allow you to perform a fresh search
7.	At this time Guided search does not reliably select sites with data specific to Metropolitan areas. We are aware of the problem and will have it repaired shortly

HS Gateway to Data and Statistics Exercise								
	3: Guided Search							
\bigcap								
	Please specify your criteri	a <u>Search Tips</u>						
	Select criteria Select Organization Type Select "Agency"	Agency DHHS Research or Statistics National Center for Health Statistics						
		Get Result Add Another Criteria						
		< Back Clear Search						

HHS Gateway to Data and Statistics Exercise

3: Guided Search

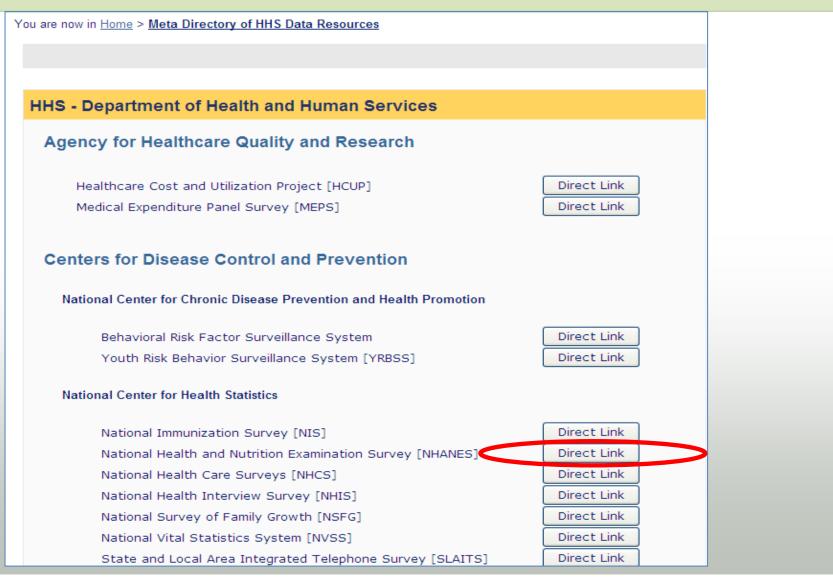
Type in Aids for a search on Aidsrelated information and statistics



HHS Gateway to Data and Statistics: Hands On Session 4: MetaDirectory of HHS Data Resources U.S. Department of Health & Human Services HHS Gateway to Data and Statistics ASPE.hhs.gov 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 source locate health-related data, statistical information and reports collected from various government resources in one convenient location. Search the database of statistical resources Submit For more options click Guided Search **Statistical Data Topics** t's New anced Searches Meta Directory Health Resources Diseases, Disorders and Health Status Federal Agency Data Sites State Agency Data Sites Disability, Cancer, AIDS/HIV Health Care Workers, Physicians, Nurses Minority Health Statistics About The Gateway Financing and Expenditures for Health and Human Services Risk Factors Site Map Feedback Substance Abuse, Obesity, Tobacco Health Insurance, Health Care Costs, Medicaid Special Populations Health Care Services Health System, Procedures and Therapies Children, Rural, Minorities Income and Poverty Other Health Topics Social Security, Income, Poverty Accidents/Unintentional Injury, Life Tables, Lost Work Days Family and Community Services Social/Family Issues, Child-Rearing Costs, Adoption An example showing the MetaDirectory to access meta-links

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4: MetaDirectory of HHS Data Resources



Return to the Home page

L.S. Department of Health & Human Services

ASPE.hhs.gov

HHS Gateway to Data and Statistics

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 source locate health-related data, statistical information and reports collected from various government resources in one convenient location.

Search the database of statistical resources



⇒<u>What's New</u>

» Advanced Searches

- Meta Directory
- Federal Agency Data Sites
- State Agency Data Sites
- Minority Health Statistics
- <u>About The Gateway</u>
- Site Map
- Feedback

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

Related Links:

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

PubMed

<u>NIH Reporter</u>

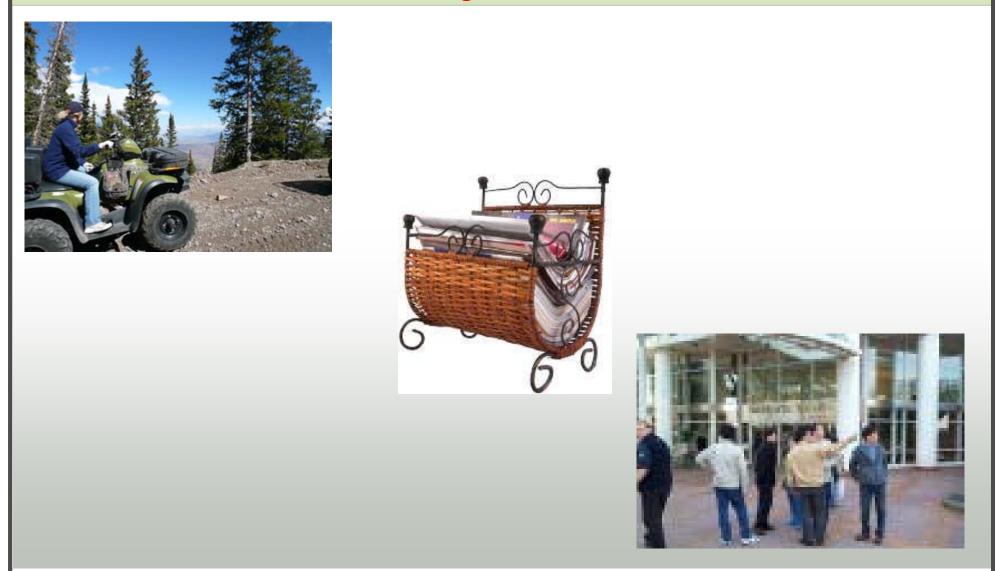
HHS Policy Information Center

Women's Health

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HHS Gateway to Data and Statistics Exercise

Scavenger Hunt



Check on skills for using the HHS Gateway to locate information

HHS Gateway to Data and Statistics Exercise

Scavenger Hunt Item #1

 Using <u>Guided Search</u>, 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.

r to Scavenger hunt question #1. Timeframe is from Jan 1 – Nov 13, 2007	State	Neuroinvasi disease†		Other clinical/ unspecified ¹	Total reported to CDC**	Deaths
to seavenger nume question #1. Timename is nom jan 1 – Nov 13, 2001	Alabama	16	6	0	22	3
 West Nile Virus Update United States, January 1November 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/mmwrh tml/mm5645a4.htm 	Arizona Arkansas California Colorado Connecticut Delaware Florida Georgia Idaho Illinois Indiana Iowa Kansas Kentucky Louisiana Maryland Massachus Michigan Minnesota Mississippi Missouri Montana Nebraska New Jersey New Mexicc New York North Caroli North Dakot Ohio Oklahoma Oregon Pennsylvani Rhode Islan South Caroli South Dakot Oregon Pennsylvani Rhode Islan South Caroli South Dakot Tennessee Texas Utah Virginia Wisconsin Wyoming Total	1 323 7 55 12 10 13 20 6 32 6 32 45 42 45 42 56 37 18 1 38 20 6 37 18 1 38 20 6 37 18 1 38 20 6 37 55 12 10 13 30 6 37 55 12 10 13 30 6 31 20 55 12 30 6 31 20 55 31 20 55 31 20 55 31 20 55 31 20 55 31 20 55 31 20 55 31 20 55 31 20 55 31 20 55 31 20 56 31 20 57 31 20 57 31 20 57 31 20 57 31 20 57 31 20 57 31 20 57 310 31 30 51 30 37 30 51 30 37 31 30 51 30 30 31 31 31 31 31 31 31 31 31 31 31 31 31	22 6 213 459 1 0 21 100 25 7 12 26 0 9 3 0 54 82 12 160 126 6 0 22 2 312 7 40 19 4 129 2 312 7 40 19 4 129 3 126 0 9 3 0 54 82 126 0 9 3 0 54 82 126 0 9 3 0 54 82 126 0 9 3 0 54 82 126 0 9 3 0 54 82 126 0 9 3 0 54 82 126 0 9 3 0 54 82 2 2 2 3 12 126 0 9 3 0 54 82 2 2 2 3 12 126 0 9 3 0 54 82 2 2 2 3 12 126 0 9 3 0 54 82 2 2 3 12 126 0 9 3 0 54 82 2 2 2 3 12 7 40 19 4 1 2 3 0 3 1 5 2 2 3 12 5 7 40 159 2 3 152 2 3 152 2 2 3 152 2 3 152 2 2 3 152 2 2 2 3 152 2 3 152 2 3 152 2 2 2 3 152 2 2 2 3 152 2 2 3 152 2 2 3 152 2 2 2 2 3 152 2 2 2 3 152 2 2 2 2 2 3 152 2 2 2 2 2 2 2 2 2 2 2 2 2	24 0 7 0 0 0 3 2 13 3 2 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0	$\begin{array}{c} 05\\ 19\\ 371\\ 555\\ 5\\ 1\\ 3\\ 47\\ 109\\ 93\\ 22\\ 24\\ 39\\ 3\\ 29\\ 10\\ 6\\ 13\\ 99\\ 124\\ 68\\ 197\\ 144\\ 11\\ 1\\ 60\\ 14\\ 5\\ 361\\ 21\\ 92\\ 26\\ 9\\ 1\\ 4\\ 207\\ 7\\ 144\\ 60\\ 3\\ 10\\ 180\\ 3,304 \end{array}$	1 16 6 0 0 1 2 1 4 1 2 2 0 0 0 0 2 2 3 2 4 3 0 0 3 2 0 2 2 8 0 0 0 0 6 1 1 2 1 4 1 2 2 0 0 0 0 2 2 3 2 4 3 0 0 3 2 0 2 2 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

HHS Gateway to Data and Statistics Exercise

Scavenger Hunt Item #2

Using <u>Meta Directory of HHS Data Resources</u>, 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. National Health Interview Survey

of information on the health of the U.S. population

SURVEY

Since 1957

CDC

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