



**Urban Indian
Health Institute**
A Division of the Seattle Indian Health Board

Health Data Literacy Training-II

Module 1- Accessing Data





Acknowledgements

Funding for this training was provided by the American Indian/Alaska Native Health Disparities Grant Program through the Office of Minority Health.

(Grant # AIAMP120015)



The Urban Indian Health Institute

Mission: To support the health and well-being of urban Indian communities through information, scientific inquiry and technology.

- Conduct a variety of public health and research projects from surveillance to training
- Fill a gap in information
- Established in the year 2000
- Division of the Seattle Indian Health Board
- Serving urban American Indians/Alaska Natives (AI/ANs) nationwide
- One of twelve Tribal Epidemiology Centers

Urban Indian Health Organizations (UIHO)



The Indian Health Service defines service levels as:

- Comprehensive (clinics that provide direct primary care for at least 40 hours per week)
- Limited (clinics that provide direct primary care services for under 40 hours per week)
- ▲ Outreach and Referral (sites that do not provide direct care services onsite, but refer patients to external health care providers)



Demystifying Data: Eliminating AI/AN Health Disparities

- Through Information, Partnership and Training, this work aims to increase awareness of health disparities and improve the health and well-being of urban AI/ANs
- Health data literacy training seeks to increase the capacity of UIHOs to use data to address health status priorities



Training background

- Previous in-person training / materials
 - 1) The importance of health data for urban AI/ANs
 - 2) Limitations of data for urban AI/ANs and addressing them
 - 3) Commonly used epidemiologic concepts
 - 4) Effective communication and presentation of health data
 - 5) Plans for using health data in your agency
- Response to evaluation by UIHOs



Training Goals

- **Module 1: Accessing Data**
 - Learn how to locate and export data on AI/ANs
- **Module 2: Using and Presenting Data**
 - Learn how to use data output for making graphs or other presentations.
 - Learn how to interpret the data for a grant or presentation.



Training Outline

- Opportunities for using health data
- Common Health Data Sources
- Data Access Limitations
- How to Use Imperfect Data
- Accessing Data
- CDC Wonder – Data Access Example
- STD Resources
- Sneak peak – Module 2!
- Summary
- UIHI Contact Information



Opportunities for using health data

- Establish program priorities
- Evaluate participant satisfaction of programs and activities
- Support of funding and political advocacy
- Background information for grant applications
- Creation of reports on community health status or needs
- Presentation of agency services and achievements

Common health data sources

- Mandatory reporting systems
- Surveys
- Other types





Common data sources – Mandatory reporting systems

- *Vital Statistics* - birth and death certificates
- *Disease registries* – ex. U.S. Cancer Statistics (USCS) on cancer incidence
- *Disease surveillance* – ex. Sexually Transmitted Disease (STD) morbidity data
- *Clinic or administrative data* – ex. GPRA or healthcare financing claim submissions (CMS)



Common data sources - Surveys

- Geography: National, state, local
- Setting: School, home, clinic, telephone
- Examples of national surveys
 - Youth Risk Behavior Survey (YRBS)
 - Behavioral Risk Factor Surveillance Survey (BRFSS)
 - National Survey of Family Growth (NSFG)
 - National Health Interview Survey (NHIS)
- Satisfaction surveys (ex. employees, patients, students, participants)



Other common data sources

- *U.S. Census*
- *American Community Survey*
- *Hospital discharge data*
- *Air Quality System (AQS)* – U.S. EPA's repository of ambient air quality data from monitors

Qualitative data: Focus groups, interviews, digital stories, etc.

Data access limitations

- Data not shown for group of interest (ex. County-level, AI/ANs)
- Data is grouped into “Other” category because of small sample size
- Access to data sources may be difficult (ex. proposal time, cost, etc.)





How to use imperfect data

Next we will summarize the following:

- Area of analysis
- Consider comparison group
- Alternative source



Area of analysis

- Combine geographic areas, years, age groups, genders to increase sample size
- Use available data on specific region or tribe even outside your area

Consider comparison group

- Use group with similar characteristics (ex. Income group, education level, insurance status, metro area, etc.)
- Use data on related health outcomes
- Share data on one race as baseline; *lack of improvement* also has meaning
- Consider comparison to Healthy People goals or other targets

<http://www.healthypeople.gov>



Alternative source

- Search for relevant reports or journal articles online if source data is not accessible

Accessing data - Static

- Health United States, American Indian population

<http://www.cdc.gov/nchs/hus/american.htm#population>

- OMH Home > Policy and Data > Minority Population Profiles

<http://minorityhealth.hhs.gov/omh/browse.aspx?lvl=2&lvlid=26>



Accessing data - Interactive

- Health Data Interactive

<http://www.cdc.gov/nchs/hdi.htm>

- WISQARS (Web-based Injury Statistics Query and Reporting System)

<http://www.cdc.gov/injury/wisqars/>

- WONDER (Wide-ranging Online Data for Epidemiologic Research)

<http://wonder.cdc.gov/>

National Center for Health Statistics (NCHS)

<http://www.cdc.gov/nchs/index.htm>

The screenshot shows the NCHS website homepage with the following elements:

- Navigation:** A top navigation bar with the CDC logo, "Centers for Disease Control and Prevention", and "NCHS" links. A search bar is also present.
- Header:** "National Center for Health Statistics" with the tagline "Monitoring the Nation's Health".
- Main Content Area:**
 - Health Insurance Coverage:** A section with a "Learn More" button and a "1 2 3 4 5" indicator.
 - United States Census Bureau NCHS Panel Discussion:** A blue box announcing a "Panel Discussion Monday, August 18".
 - REVIEW NCHS RELATED TOPICS:** A section with a "NEXT TOPIC" button and a "QuickStart of the WEEK" sidebar.
 - NEW RELEASES:** A list of recent news items, including "International Comparison of Infant Mortality and Neonatal Factors" and "Prevalence of Overweight, Obesity, and Stunted Growth Among Adults".
 - FEATURED STATISTICS BY TOPIC:** A section with a "NEXT TOPIC" button and a "QuickStart of the WEEK" sidebar.
 - SURVEYS AND DATA COLLECTION SYSTEMS:** A list of various surveys and data systems, including "National Health and Nutrition Examination Survey (NHANES)", "National Health Care Survey", and "National Survey of Family Growth (NSFG)".
 - DATA ACCESS:** A section with a "NEXT TOPIC" button and a "QuickStart of the WEEK" sidebar.
 - ADDITIONAL RESOURCES:** A list of resources, including "CDC WORKSHEET", "Data Linkage", and "Health Data Interactive".
- Footer:** A "Stay Connected" section with social media icons for Facebook, Twitter, and YouTube.

NCHS – Data access and additional resources

The screenshot shows the NCHS website with a navigation menu and several article teasers. Two red arrows point from the article teasers to the 'DATA ACCESS' and 'ADDITIONAL RESOURCES' menu items.

Comparison of the Prevalence of Uninsured Persons From the National Health Interview Survey and the Current Population Survey, 2014 and 2015
NHIS Early Release, September 2015

Caloric Intake From Fast Food Among Children and Adolescents in the United States, 2011–2012
NCHS Data Brief No. 213, September 2015

Linkage of NCHS Population Health Surveys to Administrative Records From Social Security Administration and Centers for Medicare & Medicaid Services
Series 1 No. 58, September 2015

Reported Child Health Status, Hispanic Ethnicity, and Language of Interview: United States, 2011–2012
NHSR No. 82, September 2015

Variation in Physician Office Visit Rates by Patient Characteristics and State, 2012
NCHS Data Brief No. 212, September 2015

Diagnostic Experiences of Children With Attention-Deficit/Hyperactivity Disorder
NHSR No. 81, September 2015

DATA ACCESS

- CDC WONDER
- Data Linkage
- Data Visualization Gallery
- Health Data Interactive
- Health Indicators Warehouse
- National Death Index
- Public-use Data Files
- Research Data Center
- VitalStats

ADDITIONAL RESOURCES

- Citations for NCHS Products
- Ebola Response
- Fact Sheets
- Growth Charts
- Health, United States
- Healthy People 2010/2020
- ICD and ICF Classifications and Coding
- Injury Data and Resources
- Inside NCHS

Save the Date - The 2015 National Conference on Health Statistics will be held August 24-26. Visit our conference site for the latest information.
[VIEW ALL EVENTS](#)

SEE WHAT DATA CAN DO
ON DATA.CDC.GOV

CDC WONDER – Data access example

The screenshot shows the CDC WONDER website interface. At the top, there is a navigation bar with 'CDC Home', 'Search', and 'Health Topics A-Z'. Below this is the 'CDC WONDER' logo and a secondary navigation bar with 'WONDER Home', 'FAQ', 'Help', 'Contact Us', and 'Search'. A central text block states: 'WONDER online databases utilize a rich ad-hoc query system for the analysis of public health data. Reports and other query systems are also available.'

On the left side, there is a sidebar with a search box and several links: 'What is WONDER?', 'Frequently Asked Questions', 'Data Use Restrictions', 'Data Collections', 'Citations', 'Republishing WONDER Data', and 'What's New?'. The 'What's New?' link is highlighted with a red arrow.

The main content area is divided into three tabs: 'WONDER Systems', 'Topics', and 'A-Z Index'. The 'WONDER Systems' tab is active, showing a list of data categories:

- WONDER Online Databases**
 - ▶ [AIDS Public Use Data](#)
 - ▶ [Births](#)
 - ▶ [Cancer Statistics](#)
- Environment**
 - ▶ [Heat Wave Days May-September](#)
 - ▶ [Daily Air Temperatures & Heat Index](#)
 - ▶ [Daily Land Surface Temperatures](#)
 - ▶ [Daily Fine Particulate Matter](#)
 - ▶ [Daily Sunlight](#)
 - ▶ [Daily Precipitation](#)
- Mortality**
 - Underlying Cause of Death**
 - ▶ [Detailed Mortality](#)
 - ▶ [Compressed Mortality](#)
 - ▶ [Multiple cause of death \(Detailed Mortality\)](#)
 - ▶ [Infant Deaths \(Linked Birth/Infant Death Records\)](#)
 - ▶ [Online Tuberculosis Information System](#)
- Population**
 - ▶ [Bridged-Race Population \(from NCHS\)](#)
 - ▶ [Population Projections \(from Census\)](#)
 - ▶ [Sexually Transmitted Disease Morbidity](#)
 - ▶ [Vaccine Adverse Event Reporting](#)

On the right side, there are two more sections:

- Reports and References**
 - [Prevention Guidelines \(Archive\)](#)
 - [Scientific Data and Documentation \(Archive\)](#)
- Other Query Systems**
 - ▶ [Healthy People 2010](#)
 - ▶ [MMWR Morbidity Tables](#)
 - ▶ [MMWR Mortality Tables](#)

At the bottom of the main content area, a note states: '▶ Denotes numerical data available to query or download'.



CDC WONDER


Sexually Transmitted Disease Morbidity Data

Sexually Transmitted Disease Morbidity Data

The following data are summarized from Sexually Transmitted Disease (STD) morbidity case reports reported to the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention ([NCHHSTP](#)), Centers for Disease Control and Prevention (CDC), for the 50 United States and the District of Columbia, Puerto Rico, Virgin Islands and Guam. The number of cases and disease incidence rates are reported by year, type of STD, and area of report and are further aggregated by gender or gender, age group, and race/ethnicity. For more information and publications, see [Sexually Transmitted Diseases](#). Sexually transmitted disease data and statistics from the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention (NCHHSTP) are also available in the [NCHHSTP Atlas](#).

Current STD Morbidity Data

These data supersede all previous STD Morbidity data presented on this website.

- **1984 - 2013:** by gender, year, type of STD, STD region, MMWR region, HHS region, and state.
[Data Request](#) [More information](#)
- **1996 - 2013:** by gender, age group, race/ethnicity, year, type of STD, STD region, MMWR region, HHS region, and state. These data are limited to chlamydia, gonorrhea and primary and secondary syphilis for the 50 states, DC, and Puerto Rico.
 [Data Request](#) [More information](#)

Archive STD Morbidity Data

CDC WONDER maintains archive versions of previous releases of data on this website to allow users to replicate data requests that were conducted in the past. Please refer to the main data repositories, listed above, to access current data. Click here to access the [archived data](#).

Selected STDs by Age, Race/Ethnicity, and Gender, 1996-2013 Request

Request Form Results Map Chart About

[STD Morbidity Data](#) [Dataset Documentation](#) [Other Data Access](#) [Data Use Restrictions](#) [How to Use WONDER](#)

Make all desired selections and then click any **Send** button one time to send your request.

1. Organize table layout:

Group Results By Disease ▾

And By Race/Ethnicity ▾

And By Gender ▾

And By None ▾

And By None ▾

Note: This data set is limited to chlamydia, gonorrhea, and primary and secondary syphilis cases. For analysis of cases or rates among persons of all reported STD conditions by gender, year, state, or region, see [STD Data](#).

Title

2. Select location:

Click a button to choose locations by State or by Region.

State STD Region MMWR Region HHS Region

State

- Massachusetts
- Michigan
- Minnesota
- Mississippi
- Missouri
- Montana
- Nebraska
- Nevada
- New Hampshire
- New Jersey
- New Mexico

Hint: Use Ctrl + Click for multiple selections, or Shift + Click for a range.

3. Select disease, age, race/ethnicity, gender, and years:

Send Help

Disease

- All Diseases
- Chlamydia
- Gonorrhea
- Primary and Secondary Syphilis

Year

- 2008
- 2009
- 2010
- 2011
- 2012
- 2013

Age

- All Ages
- 0-14 years
- 15-19 years
- 20-24 years
- 25-29 years
- 30-34 years
- 35-39 years
- 40+ years

Gender

- All Genders
- Female
- Male
- Unknown

Race/Ethnicity

- All Races/Ethnicities
- American Indian or Alaska Native
- Asian or Pacific Islander
- Black or African American
- Hispanic
- White

Hint: Use Ctrl + Click for multiple selections, or Shift + Click for a range.

4. Other options:

Send Help

Export Results (Check box to download results to a file)

Show Totals

Show Zero Values

Show Suppressed Values

Precision 2 decimal places

Data Access Timeout 5 minutes

Calculate Rates Per
1,000
10,000
100,000
1,000,000

Send

Reset

Selected STDs by Age, Race/Ethnicity, and Gender, 1996-2013 Results

Request Form **Results** Map Chart About

[STD Morbidity Data](#) [Dataset Documentation](#) [Other Data Access](#) [Help for Results](#) [Printing Tips](#) [Help with Exports](#)

[Export](#) [Reset](#)

[Quick Options](#) [More Options](#)

[Top](#) [Notes](#) [Citation](#) [Query Criteria](#)

Messages:

▶ Rows with zero STD Cases are hidden, but the Population values in those rows are included in the totals. Use Quick Options above to show zero rows.

Disease ↓	Race/Ethnicity	Gender	→ STD Cases ↑↓	↔ Population ↑↓	← Rate Per 100,000 ↑↓
Chlamydia	American Indian or Alaska Native	Female	221	15,040	1,469.41
		Male	59	15,637	377.31
		Total	280	30,677	912.74
	White	Female	14,291	1,251,578	1,141.84
		Male	2,152	1,325,148	162.40
		Unknown	10	Not Applicable	Not Applicable
		Total	16,453	2,576,726	638.52
Total			16,733	2,607,403	641.75
Gonorrhea	American Indian or Alaska Native	Female	30	15,040	199.47
		Male	9	15,637	57.56
		Total	39	30,677	127.13
	White	Female	1,348	1,251,578	107.70
		Male	267	1,325,148	20.15
		Total	1,615	2,576,726	62.68
	Total			1,654	2,607,403
Primary and Secondary Syphilis	White	Female	4	1,251,578	0.32
		Male	11	1,325,148	0.83
		Total	15	2,576,726	0.58
	Total			15	2,607,403
Total			18,402	7,822,209	235.25

subgroup. When information is unknown, the cases do not contribute to the numerator and therefore subgroup-specific rates are underestimates of the actual subgroup rate.

Counts and rates shown for the "All" age groups category represent cases for all ages and persons of unknown age. [More information.](#)

Race categories presented in these data are "bridged-race" categories and may differ from race categories in other STD reports. [More information.](#)

Help: See [Selected STDs by Age, Race/Ethnicity, and Gender, 1996-2013 Documentation](#) for more information.

Query Date: Sep 30, 2015 6:31:29 PM

Suggested Citation:

US Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for HIV, STD and TB Prevention (NCHSTP), Division of STD/HIV Prevention, Sexually Transmitted Disease Morbidity for selected STDs by age, race/ethnicity and gender 1996-2013, CDC WONDER Online Database. Accessed at <http://wonder.cdc.gov/std-v2013-race-age.html> on Sep 30, 2015 6:31:29 PM

Query Criteria:

Title:

Age: 15-19 years

Disease: All

Gender: All

Race/Ethnicity: American Indian or Alaska Native, White

State: Michigan (26)

Year: 2009, 2010, 2011, 2012, 2013

Group By: Disease, Race/Ethnicity, Gender

Show Totals: True

Show Zero Values: False

Show Suppressed: False

Calculate Rates Per: 100,000

Save Data Output

Ways to save the data output

- 1) Screen shot (computer picture) by pressing Alt+PrtSc (or Fn+Alt+PrtSc), then paste .jpg file into a Word document.
- 2) Download output into text file. Import downloaded data into Excel or other program to analyze.

*Step-by-step instructions on #2 on data export page:

<http://wonder.cdc.gov/wonder/help/DataExport.html>

Selected STDs by Age, Race/Ethnicity, and Gender, 1996-2013 Results

Request Form Results Map Chart About

[STD Morbidity Data](#) [Dataset Documentation](#) [Other Data Access](#) [Help for Results](#) [Printing Tips](#) [Help with Exports](#)
[Export](#) [Reset](#)

[Quick Options](#) [More Options](#)
[Top](#) [Notes](#) [Citation](#) [Query Criteria](#)

Messages:

▶ Rows with zero STD Cases are hidden, but the Population values in those rows are included in the totals. Use Quick Options above to show zero rows.

Disease ↓	Race/Ethnicity	Gender	→ STD Cases ↑↓	↔ Population ↑↓	← Rate Per 100,000 ↑↓
Chlamydia	American Indian or Alaska Native	Female	722	21,792	3,313.14
		Male	141	22,947	614.46
		Total	863	44,739	1,928.97
	White	Female	11,242	740,072	1,519.04
		Male	1,807	784,633	230.30
		Total	13,049	1,524,705	855.84
Total			13,912	1,569,444	886.43
Gonorrhea	American Indian or Alaska Native	Female	31	21,792	142.25
		Male	7	22,947	30.51
		Total	38	44,739	84.94
	White	Female	414	740,072	55.94
		Male	164	784,633	20.90
		Total	578	1,524,705	37.91
Total			616	1,569,444	39.25
Primary and Secondary Syphilis	White	Male	13	784,633	1.66
		Total	13	1,524,705	0.85
	Total			13	1,569,444
Total			14,541	4,708,332	308.83

Do you want to open or save Selected STDs by Age, Race/Ethnicity, and Gender, 1996-2013.txt (5.68 KB) from wonder.cdc.gov?

[Open](#) [Save](#) [Cancel](#)
[Top](#) [Options](#) [Notes](#) [Citation](#) [Query Criteria](#)

"Notes"	"Disease"	"Disease Code"	"Race/Ethnicity"	"Race/Ethnicity Code"	"Gender"	"Gender Code"	STD Cases	Population	Rate
	"Chlamydia"	"274"	"American Indian or Alaska Native"	"1002-5"	"Female"	"F"	221	15040	1469.41
	"Chlamydia"	"274"	"American Indian or Alaska Native"	"1002-5"	"Male"	"M"	59	15637	377.31
"Total"	"Chlamydia"	"274"	"American Indian or Alaska Native"	"1002-5"			280	30677	912.74
	"Chlamydia"	"274"	"white"	"2106-3"	"Female"	"F"	14291	1251578	1141.84
	"Chlamydia"	"274"	"white"	"2106-3"	"Male"	"M"	2152	1325148	162.40
	"Chlamydia"	"274"	"white"	"2106-3"	"U"	"U"	10	Not Applicable	Not Applicable
"Total"	"Chlamydia"	"274"	"white"	"2106-3"	"Unknown"		16453	2576726	638.52
"Total"	"Chlamydia"	"274"					16733	2607403	641.75
	"Gonorrhea"	"280"	"American Indian or Alaska Native"	"1002-5"	"Female"	"F"	30	15040	199.47
	"Gonorrhea"	"280"	"American Indian or Alaska Native"	"1002-5"	"Male"	"M"	9	15637	57.56
"Total"	"Gonorrhea"	"280"	"American Indian or Alaska Native"	"1002-5"			39	30677	127.13
	"Gonorrhea"	"280"	"white"	"2106-3"	"Female"	"F"	1348	1251578	107.70
	"Gonorrhea"	"280"	"white"	"2106-3"	"Male"	"M"	267	1325148	20.15
"Total"	"Gonorrhea"	"280"	"white"	"2106-3"			1615	2576726	62.68
"Total"	"Gonorrhea"	"280"					1654	2607403	63.43
	"Primary and Secondary Syphilis"	"310"	"white"	"2106-3"	"Female"	"F"	4	1251578	0.32
	"Primary and Secondary Syphilis"	"310"	"white"	"2106-3"	"Male"	"M"	11	1325148	0.83
"Total"	"Primary and Secondary Syphilis"	"310"	"white"	"2106-3"			15	2576726	0.58
"Total"	"Primary and Secondary Syphilis"	"310"					15	2607403	0.58
"Total"							18402	7822209	235.25

"Dataset: Selected STDs by Age, Race/Ethnicity, and Gender, 1996-2013"

"Query Parameters:"

"Title:"

"Age: 15-19 years"

"Disease: All"

"Gender: All"

"Race/Ethnicity: American Indian or Alaska Native, white"

"State: Michigan (26)"

"Year: 2009, 2010, 2011, 2012, 2013"

"Group By: Disease, Race/Ethnicity, Gender"

"Show Totals: True"

"Show Zero Values: False"

"Show Suppressed: False"

"Calculate Rates Per: 100,000"

"---"

"Help: See <http://wonder.cdc.gov/wonder/help/std-race-age-frame.html> for more information."

"---"

"Query Date: Sep 30, 2015 6:14:33 PM"

"---"

"Suggested Citation: US Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for"

"HIV, STD and TB Prevention (NCHSTP), Division of STD/HIV Prevention, Sexually Transmitted Disease Morbidity for selected STDs by"

"age, race/ethnicity and gender 1996-2013, CDC WONDER Online Database. Accessed at <http://wonder.cdc.gov/std-v2013-race-age.html>"

"on Sep 30, 2015 6:14:33 PM"

"---"

Messages:

"1. Rows with zero STD Cases are hidden, but the Population values in those rows are included in the totals. Use Quick Options"

"above to show zero rows."

"---"

Caveats:

"1. The phrase 'Not Reported' is shown when the specific disease was not reported for the given location and year. The phrase"

"'Not Applicable' is shown when the denominator population is not on record, or when the rate cannot be calculated due to lack of"

"disease incidence count or lack of denominator population."

"2. Prior to 2003, some reporting entities reported summary cases through paper forms. Reporting entities differed in their"

"ability to reconcile differences in total cases derived from summary hardcopy monthly, quarterly, and annual reports. Thus,"

"there may be discrepancies when comparing the total number of cases reported through different data sources. This application"

"includes data for age, race/ethnicity and gender reported on form CDC 73.2638 reports for years 1996-2002. More information:"

"http://wonder.cdc.gov/wonder/help/std-race-age-frame.html#Reporting_Issues."

"3. Chlamydia was not reported for all of New York state in years 1996-1999. More information:"

"<http://wonder.cdc.gov/wonder/help/std-race-age-frame.html#Chlamydia>."

"4. Please see help file for specifics about reporting irregularities and population data. More information:"

"http://wonder.cdc.gov/wonder/help/std-race-age-frame.html#About_Rates."



Import Text file to Excel (Pt. 1)

- 1) Open an Excel document.
- 2) Click on the “Data” tab at top of screen.
- 3) Click on “Import from text”.
- 4) Locate the Text file that we saved.
- 5) Click on the file.
- 6) Click “Import”.

Import Text file to Excel (Pt. 2)

“Text Import Wizard”- keep the default choices.

7) Keep “Delimited” file type and click “Next”.

8) Keep “Tab” delimiters and click “Next”.

9) Keep “General” as column data format and click “Finish”.

10) Keep “Existing worksheet”
and click “Ok”.

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW Acrobat

From Access From Web From Text From Other Sources Existing Connections Refresh All Connections Properties Edit Links Sort Filter Clear Reapply Advanced Text to Columns Flash Fill Remove Duplicates Data Validation Consolidate What-If Analysis Relationships Group Ungroup Subtotal Show Detail Hide Detail

A105 : X ✓ fx

	A	B	C	D	E	F	G	H	I	J
1	Notes	Disease	Disease Code	Race/Ethnicity	Race/Ethnicity Code	Gender	Gender Code	STD Cases	Population	Rate
2		Chlamydia	274	American Indian or Alaska Native	1002-5	Female	F	221	15040	1469.41
3		Chlamydia	274	American Indian or Alaska Native	1002-5	Male	M	59	15637	377.31
4	Total	Chlamydia	274	American Indian or Alaska Native	1002-5			280	30677	912.74
5		Chlamydia	274	White	2106-3	Female	F	14291	1251578	1141.84
6		Chlamydia	274	White	2106-3	Male	M	2152	1325148	162.4
7		Chlamydia	274	White	2106-3	Unknown	U	10	Not Applicable	Not Applicable
8	Total	Chlamydia	274	White	2106-3			16453	2576726	638.52
9	Total	Chlamydia	274					16733	2607403	641.75
10		Gonorrhea	280	American Indian or Alaska Native	1002-5	Female	F	30	15040	199.47
11		Gonorrhea	280	American Indian or Alaska Native	1002-5	Male	M	9	15637	57.56
12	Total	Gonorrhea	280	American Indian or Alaska Native	1002-5			39	30677	127.13
13		Gonorrhea	280	White	2106-3	Female	F	1348	1251578	107.7
14		Gonorrhea	280	White	2106-3	Male	M	267	1325148	20.15
15	Total	Gonorrhea	280	White	2106-3			1615	2576726	62.68
16	Total	Gonorrhea	280					1654	2607403	63.43
17		Primary and Secondary Syphilis	310	White	2106-3	Female	F	4	1251578	0.32
18		Primary and Secondary Syphilis	310	White	2106-3	Male	M	11	1325148	0.83
19	Total	Primary and Secondary Syphilis	310	White	2106-3			15	2576726	0.58
20	Total	Primary and Secondary Syphilis	310					15	2607403	0.58
21	Total							18402	7822209	235.25
22	---									
23	Dataset: Selected STDs by Age, Race/Ethnicity, and Gender, 1996-2013									
24	Query Parameters:									
25	Title:									
26	Age: 15-19 years									
27	Disease: All									
28	Gender: All									
29	Race/Ethnicity: American Indian or Alaska Native, White									
30	State: Michigan (26)									
31	Year: 2009, 2010, 2011, 2012, 2013									
32	Group By: Disease, Race/Ethnicity, Gender									
33	Show Totals: True									
34	Show Zero Values: False									
35	Show Suppressed: False									
36	Calculate Rates Per: 100,000									

FILE HOME INSERT PAGE LAYOUT FORMULAS DATA REVIEW VIEW Acrobat

Cut Copy Paste Format Painter

Arial 10 A A

Wrap Text

General

Conditional Formatting

Normal 2 Normal Bad Good Neutral

Calculation Check Cell Explanatory... Input Linked Cell

Insert Delete Format

AutoSum Fill Clear

Sort & Find & Filter Select

Clipboard Font Alignment Number Styles Cells Editing

	A	B	C	D	E	F	G	H	I	J
1	Notes	Disease	Disease Code	Race/Ethnicity	Race/Ethnicity Code	Gender	Gender Code	STD Cases	Population	Rate
2		Chlamydia	274	American Indian or Alaska Native	1002-5	Female	F	221	15040	1469.41
3		Chlamydia	274	American Indian or Alaska Native	1002-5	Male	M	59	15637	377.31
4	Total	Chlamydia	274	American Indian or Alaska Native	1002-5			280	30677	912.74
5		Chlamydia	274	White	2106-3	Female	F	14291	1251578	1141.84
6		Chlamydia	274	White	2106-3	Male	M	2152	1325148	162.4
7		Chlamydia	274	White	2106-3	Unknown	U	10	Not Applicable	Not Applicable
8	Total	Chlamydia	274	White	2106-3			16453	2576726	638.52
9	Total	Chlamydia	274					16733	2607403	641.75
10		Gonorrhea	280	American Indian or Alaska Native	1002-5	Female	F	30	15040	199.47
11		Gonorrhea	280	American Indian or Alaska Native	1002-5	Male	M	9	15637	57.56
12	Total	Gonorrhea	280	American Indian or Alaska Native	1002-5			39	30677	127.13
13		Gonorrhea	280	White	2106-3	Female	F	1348	1251578	107.7
14		Gonorrhea	280	White	2106-3	Male	M	267	1325148	20.15
15	Total	Gonorrhea	280	White	2106-3			1615	2576726	62.68
16	Total	Gonorrhea	280					1654	2607403	63.43
17		Primary and Secondary Syphilis	310	White	2106-3	Female	F	4	1251578	0.32
18		Primary and Secondary Syphilis	310	White	2106-3	Male	M	11	1325148	0.83
19	Total	Primary and Secondary Syphilis	310	White	2106-3			15	2576726	0.58
20	Total	Primary and Secondary Syphilis	310					15	2607403	0.58
21	Total							18402	7822209	235.25
22	---									
23	Dataset: Selected STDs by Age, Race/Ethnicity, and Gender, 1996-2013									
24	Query Parameters:									
25	Title:									
26	Age: 15-19 years									
27	Disease: All									
28	Gender: All									
29	Race/Ethnicity: American Indian or Alaska Native, White									
30	State: Michigan (26)									
31	Year: 2009, 2010, 2011, 2012, 2013									
32	Group By: Disease, Race/Ethnicity, Gender									
33	Show Totals: True									
34	Show Zero Values: False									
35	Show Suppressed: False									
36	Calculate Rates Per: 100,000									
37	---									
38	Help: See http://wonder.cdc.gov/wonder/help/std-race-age-frame.html for more information.									
39	---									
40	Query Date: Sep 30, 2015 6:14:33 PM									
41	---									
42	Suggested Citation: US Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for HIV, STD and TB Prevention (NCHSTP), Division of STD/HIV Prevention, Sexually Transmitted Disease Morbidity for selected STDs by									
43										

STD Data Resources

- IHS STD Report 2011

http://www.cdc.gov/std/stats/ihs/ihs-surv-report-2011_062314.pdf

- UIHI's Viral Hepatitis and STI Prevention Project

<http://www.uihi.org/projects/viral-hepatitis-and-sti-prevention-project/>

- IHS Primary Care Provider (April 2010 issue)

http://www.ihs.gov/provider/includes/themes/newihstheme/display_objects/documents/2010_2019/PROV0410.pdf

- Morbidity and Mortality Weekly Report (Jan 2015, vol 64, issue 1)

http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6401a5.htm?s_cid=mm6401a5_w



Sneak Peak... Module 2!

- Analyze the data
- Create graphs
- Write summary statements about data



Summary

- Health data is a powerful tool, especially for the Native communities you serve.
- Many ways to access different sources of health data.
- All data have limitations, but there are ways to use imperfect data.



**Urban Indian
Health Institute**

A Division of the Seattle Indian Health Board

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