

Turning Data into Information, Part 1

February 13, 2013, 1:30pm – 3pm Central

THANK YOU FOR JOINING US

Please stay tuned and the webinar will begin on time.

Please note that you will be placed on mute for some of this session. You may use the chat dialogue box at any time to contact IPHI staff.

This session will be recorded and available at:
IPHI's website: www.iphionline.org



ILLINOIS PUBLIC HEALTH INSTITUTE



Turning Data into
Information; Pt. 1
February 13, 2013
1:30 PM-3:00 PM

Turning Data into Information, Part 1

Sponsored by:

The Illinois Department of Public Health

and

Illinois Public Health Institute

Center for Community Capacity Development

February 13, 2013



ILLINOIS PUBLIC HEALTH INSTITUTE



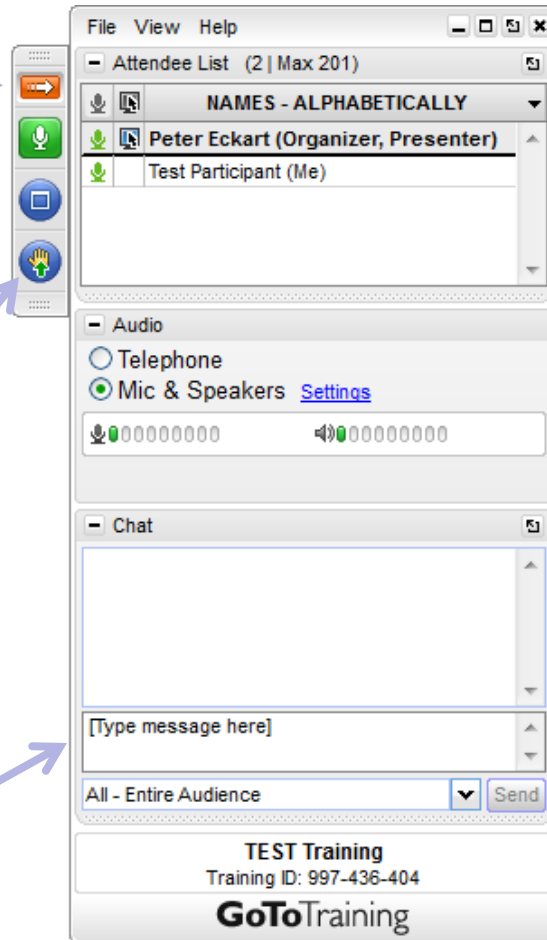
Turning Data into
Information; Pt. 1
February 13, 2013
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HOUSEKEEPING

Maximize or minimize side bar

Raise hand option

Submit questions here



- **Organizers will mute all phones during the presentation**
- **Q & A session at the end**
 - You can ask questions through the chat option anytime during the presentation
 - At the end, we'll take live questions. Please use the raise hand option to be un-muted.
- **Technical Issues**
312.850.4744
rick.stegall@iphionline.org

Presenter



Jess Lynch, MCP, MPH

Senior Associate

Illinois Public Health Institute



Webinar Objectives for Part 1

- Describe basic principles and concepts of data analysis and interpretation
- Understand how to interpret data in tables, charts, and graphs
- Describe several sources for health status and demographic data and understand how to access them.
- Understand how to integrate health and demographic data into IPLAN Assessment
- Begin to explore best practices for presenting data to stakeholders



Poll

How many IPLAN cycles have you participated in?



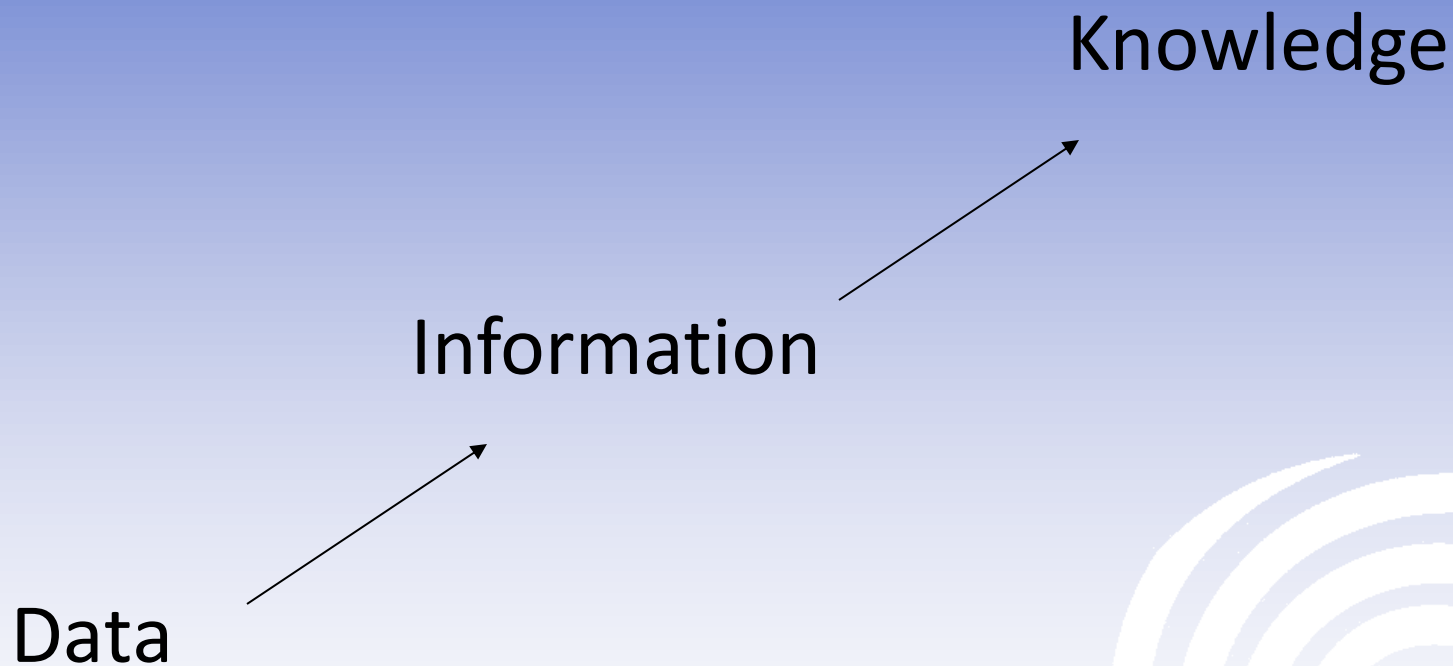
Webinar Objectives for Part 2

Wednesday, March 20, 2013 – 1:30-3:00pm CST

- Summarize quantitative data and construct, charts, graphs, and tables that are easy to understand
- Present data in a visually compelling way
- Communicate IPLAN data to community members
- Understand several methods for integrating community input throughout the IPLAN process
- Use community input data to validate and enhance findings from secondary data sources
- Summarize and present qualitative information using basic analysis methods



Data-Information-Knowledge Hierarchy



Data-Information-Knowledge- Understanding-Wisdom

- **Data:** symbols
- **Information:** data that are processed to be useful; provides answers to "who", "what", "where", and "when" questions
- **Knowledge:** application of data and information; answers "how" questions
- **Understanding:** appreciation of "why"
- **Wisdom:** evaluated understanding

(Ackoff 1989)



Purpose of Turning Data into Information

- Educate and inform others of the health needs of the community and to identify disparities
- Use data to help develop priorities, plan programs, set goals, and budget funds
- Evaluate existing programs and initiatives to see if they are effective or require improvements
- **Engage a range of community stakeholders to understand and address health issues**



Quantitative and Qualitative Data

- Quantitative
 - numbers, measures, reliability, validity, objectivity, generalizability
 - Data are numbers
- Qualitative
 - Context, uniqueness vs. generalizability, interviews, observation
 - Data are words, observations, pictures



Research, Statistics, and Epidemiology

- The 'Turning Data into Information' webinar series is focused on how to choose indicators, find data sources, analyze, interpret, summarize, present and use data for IPLAN community health assessment and planning.
- This webinar is not intended to be an introduction to statistics or epidemiology.



Online Training Resources for Statistics and Epidemiology

- CDC Learning Connection and CDC TRAIN
<http://www.cdc.gov/learning/>
- American Statistical Association
<http://www.amstat.org/sections/tshs/webinar.cfm>
- University of North Carolina
 - Basic Statistics I – Self-Paced Online Class

Other Approaches

- Partner with faculty or students from local colleges/universities
- Partner with other health departments to contract someone with stats and epi expertise



Steps for Data Analysis

1. Determine questions to answer or further understand
2. Choose important indicators
3. Gather information from credible data sources
4. Input information into data collection software
5. Produce tables, charts or graphs
6. Interpret tables, charts or graphs
 - Recognize trends, patterns, similarities, and or differences among particular subpopulations of interest
7. Summarize Findings
8. Engage stakeholders to understand the significance of data
9. Present and communicate data to the community



Steps for Data Analysis

1. Determine questions to answer or further understand

IPLANs
should
address:

What is our current community health status?

What are the most pressing health issues in our community?

How do we plan to address these issues to create a healthier community?



2. Choose important indicators

- Indicator: a measure of health outcomes or health determinants for the people in a community

3. Gather information from credible data sources

Primary Data:
information you
collect yourself

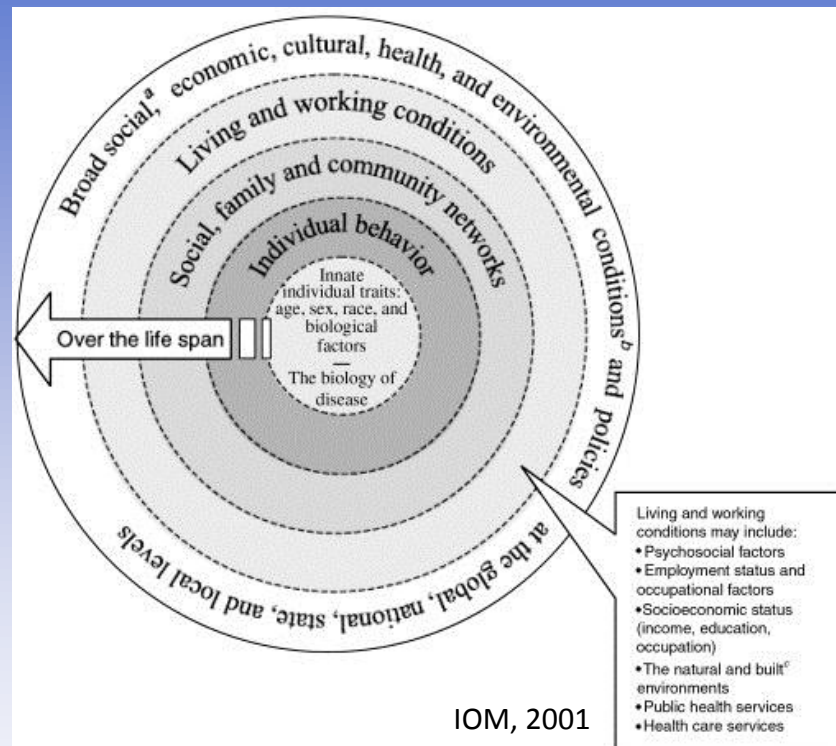


Secondary Data Sources:
information collected by
a third party



Steps for Data Analysis: 2. & 3. Indicators and Data Sources

Ecological model of population health

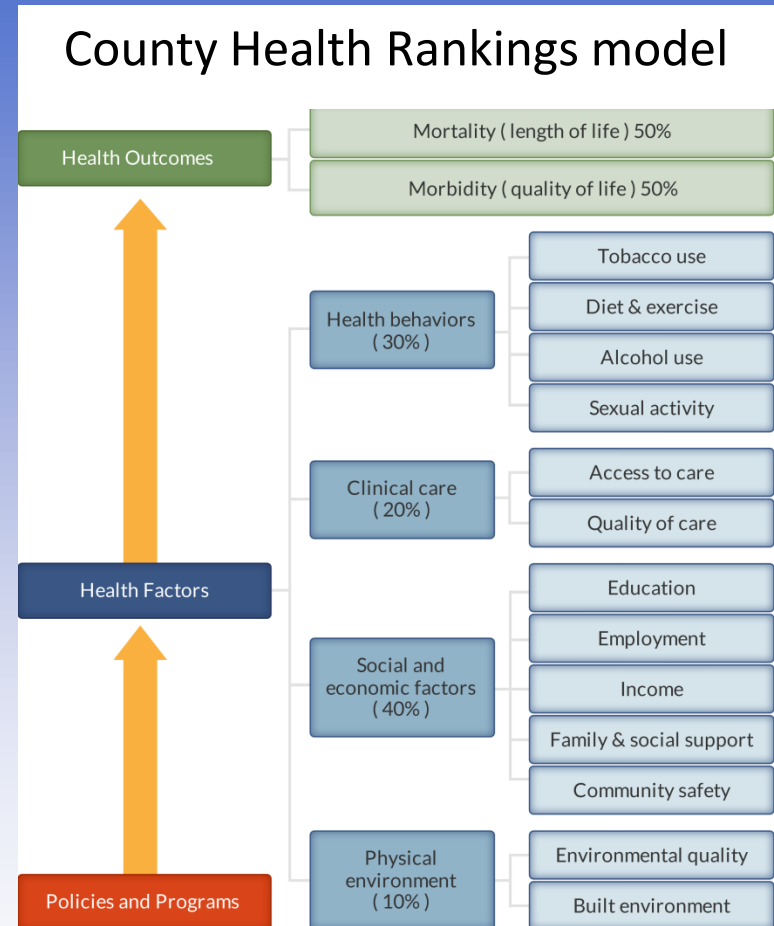


It is essential to look at indicators for both **health determinants** and **health outcomes**.

Steps for Data Analysis: 2. & 3. Indicators and Data Sources

Sample Indicators – places to look:

- IPLAN Data System
- Healthy People 2020
- Health Indicators Warehouse
- County Health Rankings



County Health Rankings model ©2012 UWPHI



Tips – Choosing Indicators

- Engage stakeholders in identifying the most important indicators of community well being and health
- Do not attempt to use every data source available; identify what is important for the communities in your area
- Keep in mind the importance of indicators that measure both health determinants and health outcomes
- Past priority issues or issues the community perceives to be of great importance or need.
- Be open to adding a few indicators along the way as you uncover unexpected issues

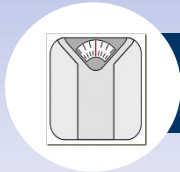
Example Indicators



Unemployment rate



Homicide rate



Obesity rate



Percent of community members without insurance

Tips – Tracking Down Data Sources

- Use databases that have already compiled data
- Access previously conducted health assessments and reports from other area agencies
- Identify those who may have access to data through their organizations
- Often you'll want to compare your local data to the region, state, country, or federal benchmarks such as HP2020, so make sure to look for those comparison data as well



Data Resource List in “Materials” tab

Thank you very much to Peggy Iverson of DuPage County for compiling most of the information contained in this resource list

We would like to keep building this list as a resource for all of your health departments and coalitions, so if you have ideas for other resources to include here, please email Kristin.Monnard@iphionline.org



Data Challenges

- Difficulty getting local data
- Census data available only for cities & towns > 5,000
- YRBS at regional or state level
- Low population density

Opportunities:

- Regional collaboration around data collection and/or interventions
- Small population → build strong and comprehensive community input mechanisms
- County level data compiled by IQuery and BRFSS



Other Possible Sources of Local Secondary Data

Library

- Local history/Information unique to the county

Civic organizations

- Sources of involved community members
- Lists of charitable projects

Religious groups

- Membership numbers

Chamber of Commerce

- List of businesses
- Employment/Unemployment rates
- Area economic data

Large employers

- Products made
- Employee benefits and access to health services

http://www.healthycarolinians.org/library/pdf/2011GuideBook/CHA_Guide_Book1-2011-Phase3.pdf



Other Possible Sources of Local Secondary Data

Community college/local university

- Enrollment/graduation numbers
- Fields of study available to students
- Academic research about the community

Law enforcement agencies

- Crime incidence
- Arrests/convictions numbers
- Incidence of domestic violence
- Motor vehicle crash information

Non-profit organizations

- Types of services performed
- Number of people eligible for service
- Number of people served

Hospitals

- Discharge data
- Volume and cost of service
- Staffing levels

http://www.healthycarolinians.org/library/pdf/2011GuideBook/CHA_Guide_Book1-2011-Phase3.pdf

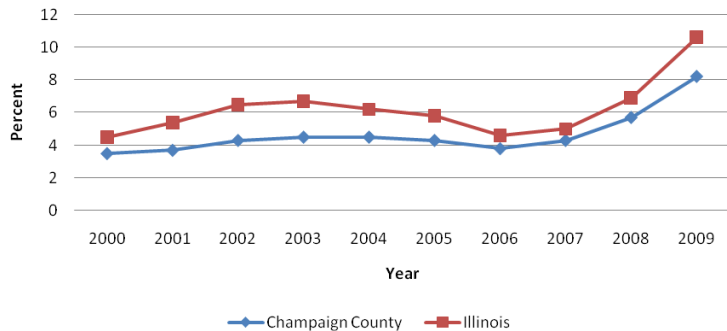


Steps for Data Analysis

4. Input data into data collection software

5. Produce tables, charts, graphs

Figure 8: Percent of Workforce Unemployed: 2000-2009



Champaign County Community Health Plan, 2011

Table 15 - Will County Case Rate per 100,000 populations, 2005-2009

Organisms	2005	2006	2007	2008	2009*	HP 2010 Target
Campylobacter species	7.4	10.1	8.8	1.6	NR**	12.3
Escherichia coli	1.9	1.8	2.0	2.9	5.3	1.0
Listeria monocytogenes	0	0.3	0.7	0.1	0.1	0.25
Salmonella spices	19.2	16.2	17.8	12.2	11.4	6.8
Hepatitis A	2.1	2.0	4.0	2.5	2.6	NA
Shigellosis	2.7	3.7	10.7	6.9	1.9	

*Preliminary Data (Not finalized) **No longer reportable

Source: Will County Health Department, Epidemiology & Communicable Disease Program

Will County Community Needs Assessment and Strategic Plan, 2010



Steps for Data Analysis: 5. Produce tables, charts, graphs

Use Tables When:

- Need to look up values
- Need to compare individual values
- Precise values are required
- Quantitative values involve more than 1 unit of measurement

Use Graphs When:

- Reveal relationships among values
- Message is contained in shape of the values
- Graphs allow for identification of:
 - Trends
 - Comparisons
 - Exceptions/anomalies
 - Similarities/differences



Steps for Data Analysis: 5. Produce tables, charts, graphs

Encoding Data in Graphs

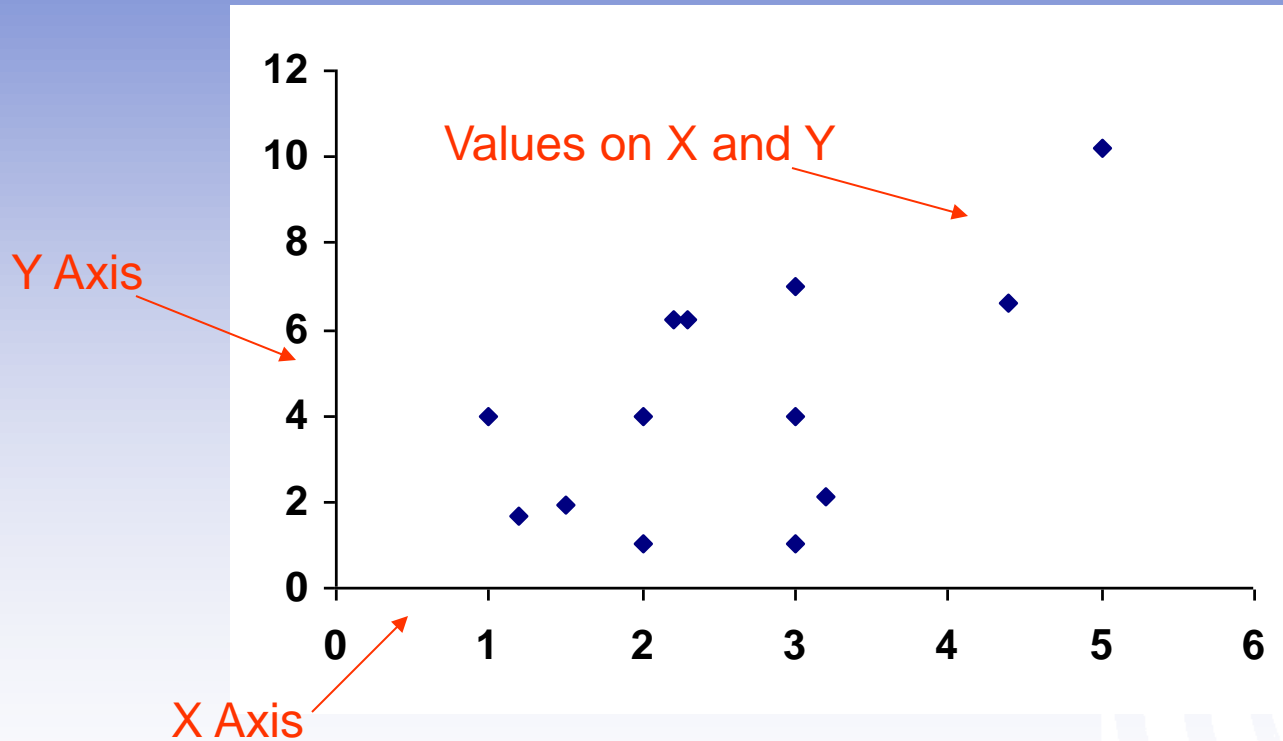
- Elements Used to Encode Data
 - Points
 - Lines
 - Bars
 - Shapes with 2-D area



Steps for Data Analysis: 5. Produce tables, charts, graphs

Points

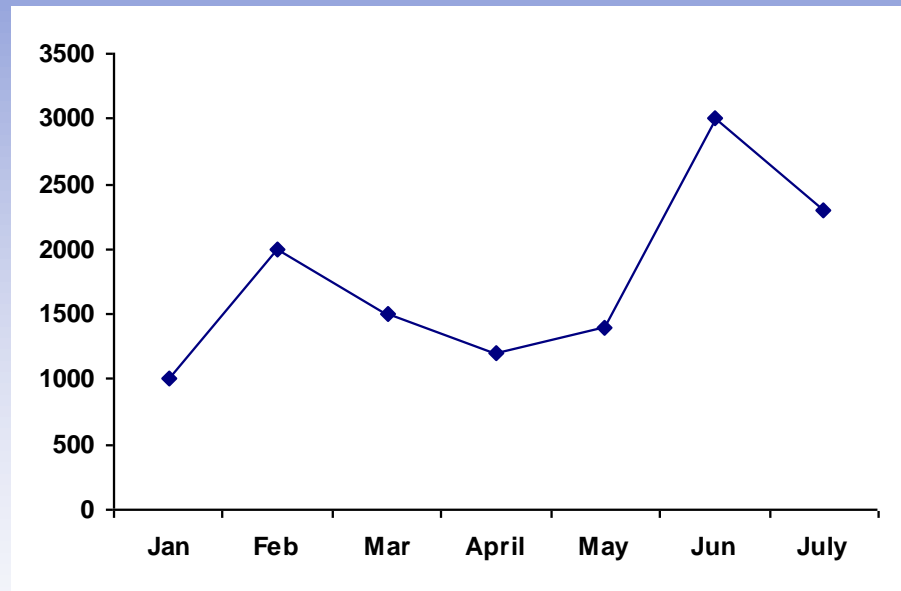
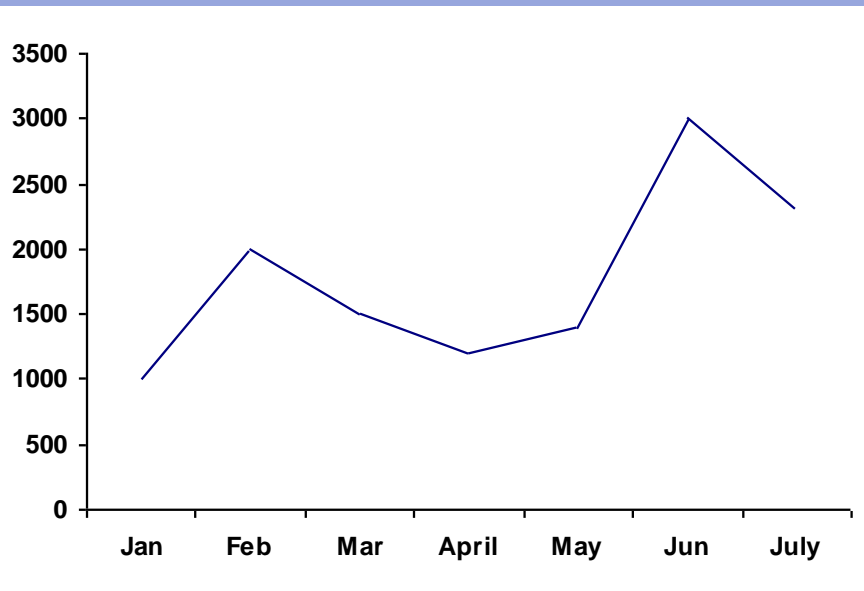
- Simple Scatter plot



Steps for Data Analysis: 5. Produce tables, charts, graphs

Lines

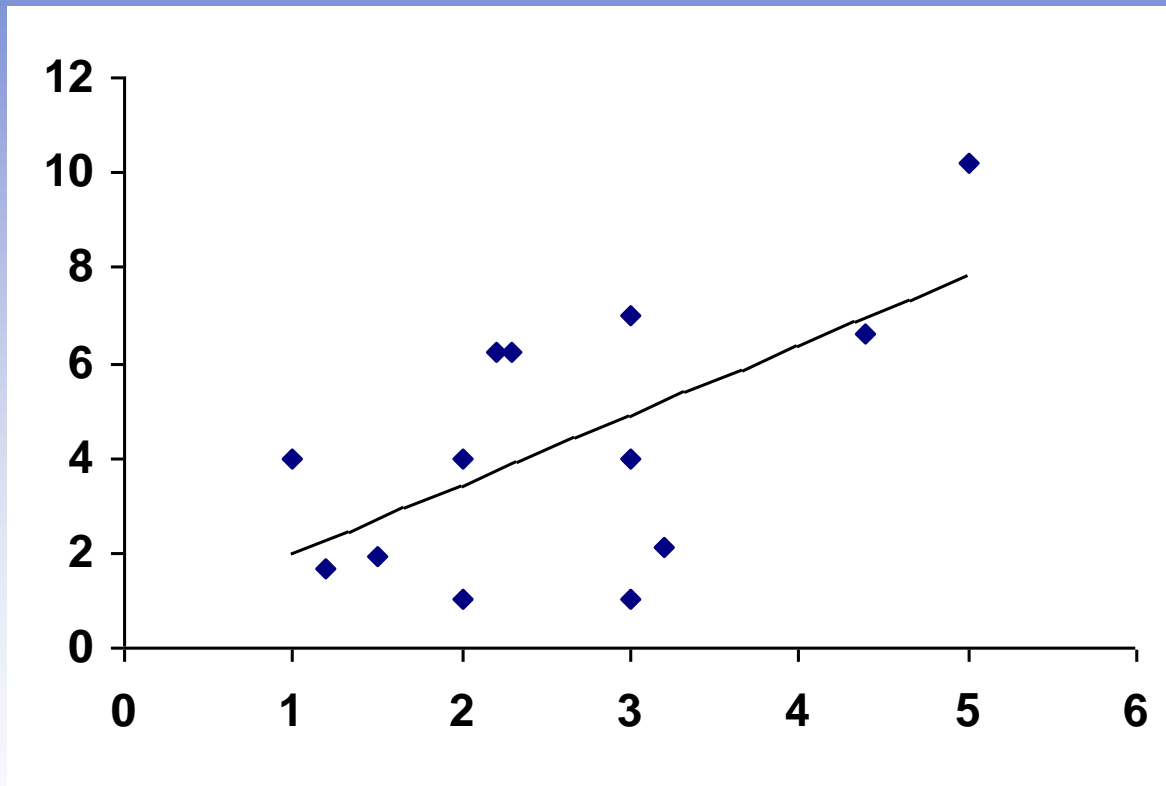
- Connect individual data points
- Show trend of series of data points



Steps for Data Analysis: 5. Produce tables, charts, graphs

Lines

- Trend line/fit line/"line of best fit"

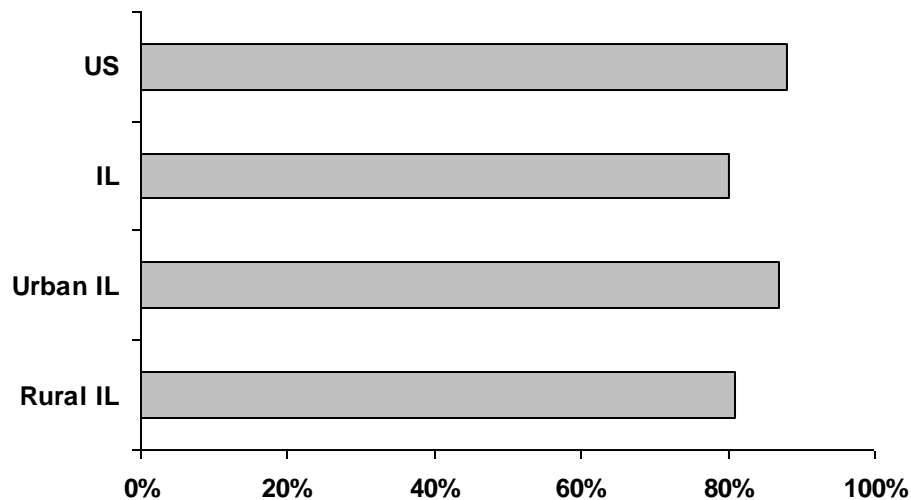


Steps for Data Analysis: 5. Produce tables, charts, graphs

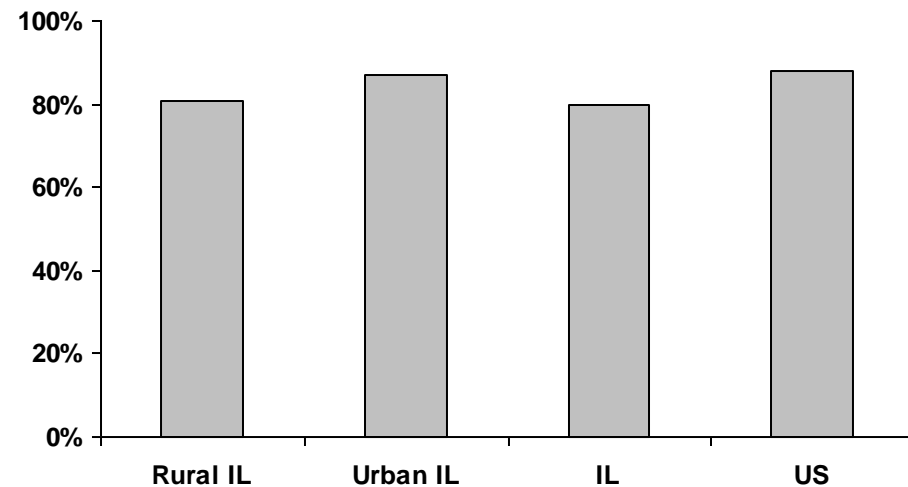
Bars

- Really a “thick” line
- Thickness should be equal or eye “sees” greater value
- Horizontal or vertical works

Percentage with Insurance



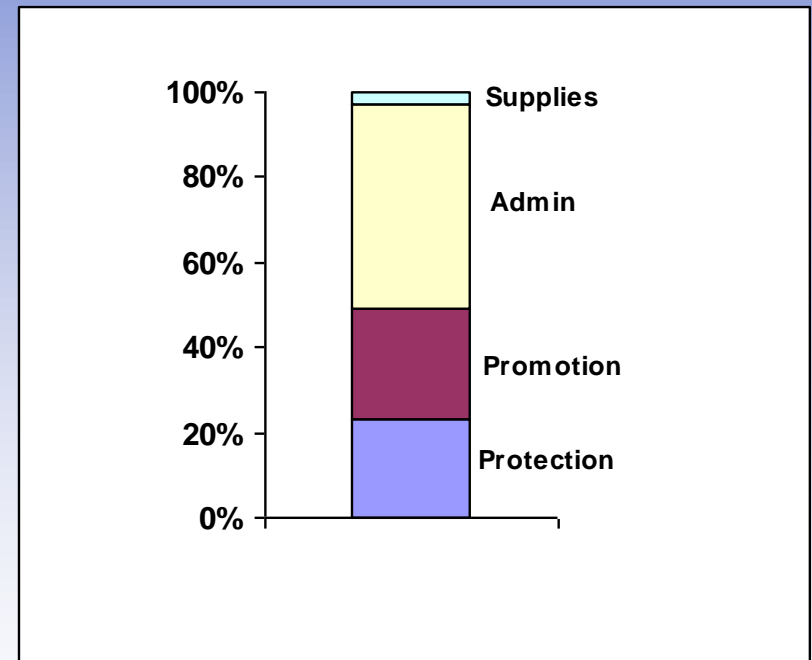
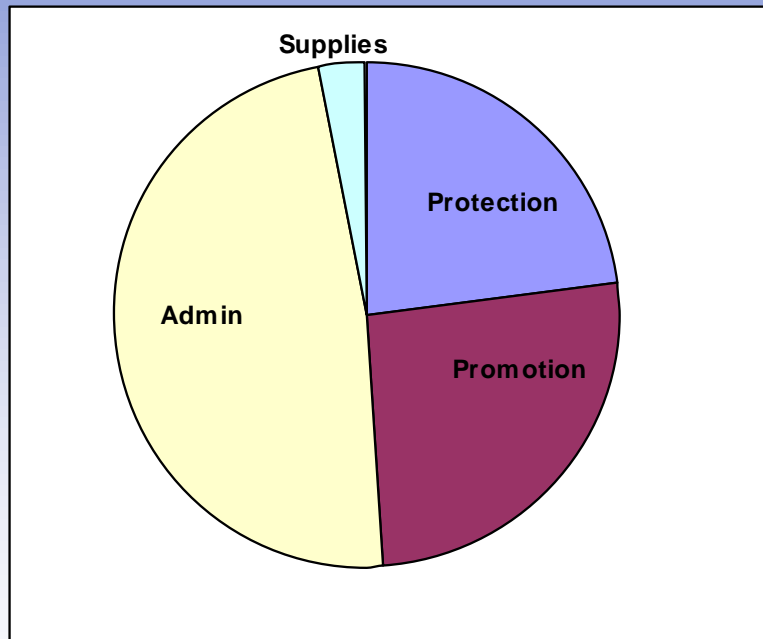
Percentage with Insurance



Steps for Data Analysis: 5. Produce tables, charts, graphs

2-D Areas

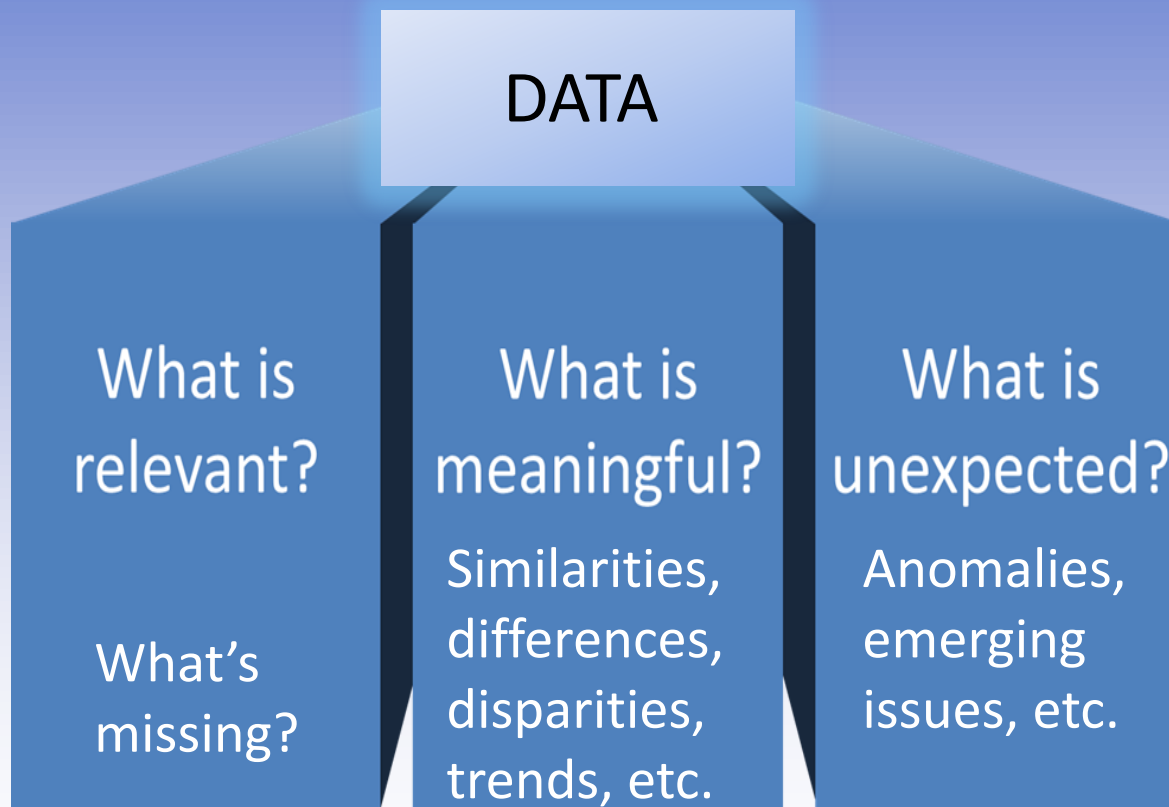
- Pie
- Stacked bar



Steps for Data Analysis

6. Interpret tables, charts, and graphs

7. Summarize findings



Steps for Data Analysis

Data Analysis and Interpretation is key!

Summarizing Data and Results

and

Interpreting Data and Results

Not just raw data!

Comparing Data to Peer Community, State and National Benchmarks (HP 2020)

- What are the rates in a peer or similar community?
- What are the rates in the state?
- What are the national benchmarks/goals in the HP 2020 objectives?



Steps for Data Analysis

8. Engage stakeholders to understand the significance of data
9. Present and Communicate Data to Community



Principles for Stakeholder/Community Engagement

- Clarity of purpose
- Mutual respect
- Value of diversity
- Ownership for change
- Long term commitment



Convene the right stakeholders

- Impacted by the problem or solution
- Diverse perspectives
- Knowledge, skills and abilities
- Authority to make decisions
- Insights into particular subpopulations of interest
- *Can change over the lifecycle of the project*



Strategies to renew and reinvigorate via the IPLAN process

- Look, listen and act
- Welcome new partners
- Set clear goals, roles, and expectations
- Celebrate successes
- Build skills and introduce information
- Focus on holistic approach to community health and how that affects people in your communities



Roles for stakeholders in Analysis and Use of Data throughout the IPLAN process

- Give input on indicators
- Identify data sources / provide data
- Contribute skills in data analysis, interpretation or presentation
- Ask questions of the data that lead to new insights
- Engage in collaborative approaches to data interpretation
- Help in disseminating assessment to wider community
- Contribute to developing objectives/strategies for the plan
- Partner on implementation of plan



IQuery

- Contains county-level data for health indicators.
- IQuery and the IPLAN Data System will be more fully integrated for the next version of IQuery - which is currently in the testing environment and is expected to be released later this year.
- The Illinois Department of Public Health keeps IQuery populated with data as a resource for IPLAN.
- Questions about the IPLAN Data System or IQuery should be e-mailed to Tom Szpyrka at Tom.Szpyrka@illinois.gov.



Using IQuery

IQuery homepage: <http://iquery.illinois.gov/>

Illinois Department of **PUBLIC HEALTH** **IQuery**

New Data Search
Reports

Welcome to IQuery, your headquarters for community health data.
IQuery has four data tools:

The **Data Search Page**, to make choices about data.

The **Tabular Results**, to see search results in tables.

The **Graphical Results**, to view and change graphs of results.

The **County Report**, to view the report of the selected county.

[Help](#) is available throughout the system. To get started, we encourage you to view or print out the [Step-by-Step Guide \(4MB pdf\)](#) to IQuery.

The new system builds on the [IPLAN Data System](#) and will eventually replace it, once the IPLAN data has been moved into this system. For more information about this transition plan, please click on [About IQuery](#). [Sign up for updates](#) to the system to find out [What's New and Upcoming](#).

Your suggestions or comments are welcome. Please offer [Feedback](#) or [Contact Us](#) directly.

IQuery launched to Local Health Departments (LHDs) in February. The introductory IQuery webinar was recorded and is available for [viewing online](#) (brief registration required). [The presentation slides](#) are also available.

[Begin Data Search](#)

Home About IQuery Feedback Help FAQ Privacy Policy IPLAN Admin IDPH

To get started click on **Begin Data Search**



Using IQuery

If you select *Hospitalizations – Chronic Diseases*, a new box will open with more specific indicators.

The screenshot shows the IQuery interface. On the left, under 'Health Indicators', a list includes 'Hospitalizations - Chronic Diseases' which is highlighted. On the right, a green box titled 'IP Chronic Diseases - Diabetes with Complications' is open, displaying a list of sub-indicators. The sub-indicator 'IP Chronic Diseases - Diabetes with Complications' is checked with a blue square and has a blue question mark icon next to it. Two arrows point from the text 'Tip: Your selected indicator will appear in the Green Box' to the green box header and the selected sub-indicator.

Tip: Your selected indicator will appear in the Green Box

Using IQuery

Next, click on the orange box to pick a geography. As an example, we will use **Clay County**.

Illinois Department of
PUBLIC HEALTH

IQuery

New Data Search
Reports

Health Indicators IP Chronic Diseases - Diabetes with Complications

Geographic Area or Other Grouping

- City of Chicago Areas
- City or Township
- County**
- Health Department Regions
- Major Six
- Median Income of Residence Zip
- Primary Payer
- Regional
- State of Illinois
- Suburban Cook County Areas

- Brown
- Bureau
- Carroll
- Cass
- Champaign
- Christian
- Clark
- Clinton
- Coles
- Cook
- Crawford
- Cumberland
- DeKalb
- Dewitt
- Douglas
- DuPage
- Edgar
- Edwards
- Select / Unselect All

Time Period

Population Demographics

Get Results



Using IQuery

Illinois Department of
PUBLIC HEALTH

IQuery

Health Indicators **IP Chronic Diseases - Diabetes with Complications**

Geographic Area or Other Grouping **Clay**

Time Period **2009-2010**

Two Year 2009-2010

Select / Unselect All

The next tab is **Time Period**. In this case, you only have one option - *2009-2010*.

Using IQuery

Population Demographics is an optional tab that allows you to look at data for subgroups of population (race, ethnicity, gender and age). Here, I select all age groups and then click **Get Results**.

The screenshot shows the IQuery interface with the following settings:

- Health Indicators: IP Chronic Diseases - Diabetes with Complications
- Geographic Area or Other Grouping: Clay
- Time Period: 2009-2010
- Population Demographics: Expanded to show filters for Race, Ethnicity, Gender, and Age Groups.

The Age Groups section is circled, showing all options selected:





- 18 to 34
- 35 to 54
- 55 to 74
- 75 plus

The 'Get Results' button at the bottom left is also circled.


IQuery Results

Table compares Clay County's data to Illinois

Get Results

IP Chronic Diseases - Diabetes with Complications
Source: IDPH discharge data
Contact: IDPH Division of Patient Safety & Quality 217-782-6320 [More information about this indicator](#)
Description: The number of hospitalizations for chronic diabetes with complications as principal diagnosis.



Show result in charts

Area	Period	Age Range	Count	Rate
Illinois	2009-2010	ALL	45,793	6.6
Clay	2009-2010	ALL	54	5.4
Illinois	2009-2010	18 to 34	6,888	0.0
Illinois	2009-2010	35 to 54	14,078	0.0
Illinois	2009-2010	55 to 74	14,798	0.0
Illinois	2009-2010	75 plus	7,463	0.0
Clay	2009-2010	18 to 34	***	***
Clay	2009-2010	35 to 54	17	12.6
Clay	2009-2010	55 to 74	11	2.8
Clay	2009-2010	75 plus	21	4.8

Rate Type: Percent. Formula: the number of hospitalizations for chronic diabetes with complications as principal diagnosis * 100 / IP Chronic Diseases - All.
 If a result is ***, it means that the value is small and is suppressed to ensure confidentiality and meaningful data.

Using IQuery

Downloading an Excel File from IQuery

Click on **Export to Excel.**

The screenshot shows the IQuery web application interface. At the top, it says "Illinois Department of PUBLIC HEALTH IQuery". Below this, there are several colored bars representing filters: "Health Indicators" (green), "Geographic Area or Other Grouping" (orange) set to "Clay", "Time Period" (red) set to "2009-2010", and "Population Demographics" (blue). A "Get Results" button is at the bottom of these filters. Below the filters, there are icons for "Export to Excel", "Create PDF", "Print Result", and "New Search". The "Export to Excel" icon is highlighted with an arrow from the text "Click on Export to Excel." Below the icons, there is a section titled "IP Chronic Diseases" with a description and a small bar chart. Below the chart is a table with columns "Area" and "Period".

Area	Period	Rate	Rate Type
Illinois	2009-2010		
Clay	2009-2010		
Illinois	2009-2010		
Illinois	2009-2010		
Illinois	2009-2010	55 to 74	14,798 0.0
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An "Opening Results.xls" dialog box is open over the table. It shows the file "Results.xls" (4.9 KB) and offers options to "Open with Microsoft Excel (default)" or "Save File".



Interpreting IQuery Table

1 IQuery Data Export

2

3 Indicator selection: IP Chronic Diseases - Diabetes with Complications

4 Area selection: Clay

5 Period selection: 2009-2010

6 Race selection: n/a

7 Gender selection: n/a

8 Ethnicity selection: n/a

9 AgeGroup selection: 18 to 34, 35 to 54, 55 to 74, 75 plus

10

11 IP Chronic Diseases - Diabetes with Complications

12

13 Source: IDPH discharge data

14

15 Contact: IDPH Division of Patient Safety & Quality 227-782-6320

16

17 Description: The number of hospitalizations for chronic diabetes with complications as principal diagnosis.

18

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19

20 Rate Type: Percent. Formula: the number of hospitalizations for chronic diabetes with complications as principal diagnosis * 100 / IP Chronic Diseases - All..

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33 If a result is ***, it means that the value is small and is suppressed to ensure confidentiality and meaningful data.

34

35 Source: IQuery, Illinois Department of Public Health

36 Wed Feb 06 2013 10:29:07 GMT-0600 (Central Standard Time)

37

Results-1

- Table shows that 54 people were hospitalized in Clay County due to complications from Diabetes in 2009-2010.
- 17 between ages 35-54, 11 between 55-74, and 21 are 75+

Using IQuery's Report Feature

Illinois Department of **PUBLIC HEALTH** IQuery

New Data Search
Reports

Welcome to IQuery, your headquarters for community health data.
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[Begin Data Search](#)

Click on
Reports.

IQuery Report

Illinois Department of **PUBLIC HEALTH** **IQuery**

New Data Search
Reports

Map of Illinois Counties

IQuery Reports

Click on a county from the map or select a county from the dropdown box below to begin, and then select a report type.

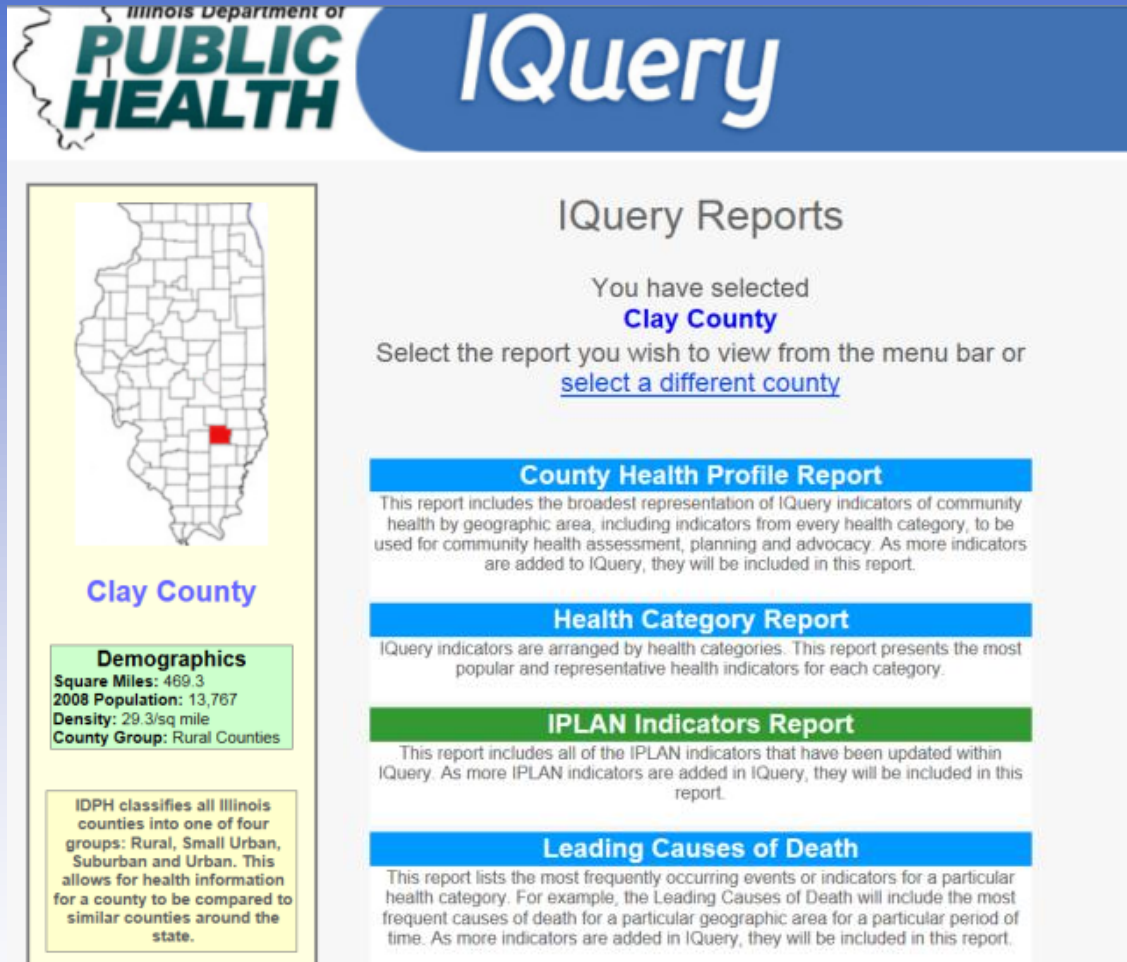
The resulting report will include the most recent data for the report you have chosen, presented in a small chart and two gauges. The results include comparisons between the county you have selected and other similar counties (for example, a rural county would be compared with other rural counties), and compared to the state of Illinois as a whole.

--Select a County--

see more detailed results for individual health indicators, choose [Data Search](#).

Either click on your county on the map or select it from the dropdown menu.

IQuery's Report



Illinois Department of PUBLIC HEALTH **IQuery**

IQuery Reports

You have selected **Clay County**

Select the report you wish to view from the menu bar or [select a different county](#)

Clay County

Demographics
Square Miles: 469.3
2008 Population: 13,767
Density: 29.3/sq mile
County Group: Rural Counties

IDPH classifies all Illinois counties into one of four groups: Rural, Small Urban, Suburban and Urban. This allows for health information for a county to be compared to similar counties around the state.

County Health Profile Report
This report includes the broadest representation of IQuery indicators of community health by geographic area, including indicators from every health category, to be used for community health assessment, planning and advocacy. As more indicators are added to IQuery, they will be included in this report.

Health Category Report
IQuery indicators are arranged by health categories. This report presents the most popular and representative health indicators for each category.

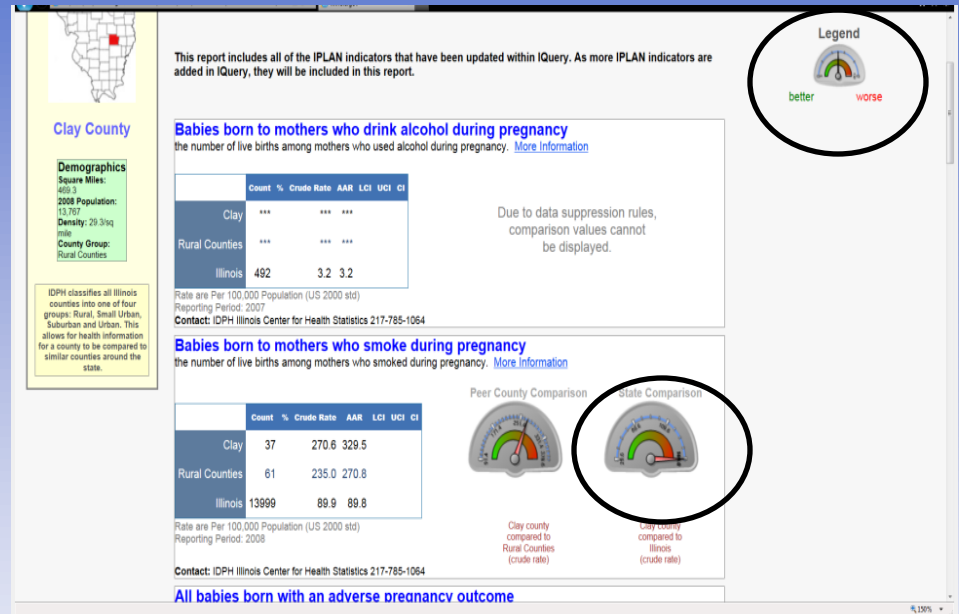
IPLAN Indicators Report
This report includes all of the IPLAN indicators that have been updated within IQuery. As more IPLAN indicators are added in IQuery, they will be included in this report.

Leading Causes of Death
This report lists the most frequently occurring events or indicators for a particular health category. For example, the Leading Causes of Death will include the most frequent causes of death for a particular geographic area for a particular period of time. As more indicators are added in IQuery, they will be included in this report.



IPLAN Indicators Report

This report shows how Clay County compares to other counties and the state in regards to specific indicators.



Tip: Notice the Legend to the Upper Right. As the arrow goes into the red, the worse the county data is in that specific indicator. In this case, the more in the red the higher the possibility of the mother to have smoked during pregnancy.

Information about Census FactFinder (factfinder2.census.gov)

- Decennial Census: conducted every ten years by the United States government , most recently in 2010
 - Age, Gender, Race/Ethnicity, Household (Income, Tenure, Composition)
- American Community Survey (ACS): survey that provides estimates (Single Year, Three Year, or Five Year estimates)
 - Age, Race/Ethnicity, Income/Poverty, Commute Characteristics, Home Value, Veteran Status
- Able to develop comparisons between cities, counties, state and national levels.



Using Census FactFinder's Community Facts

Go to the Census FactFinder
site at:

<http://factfinder2.census.gov/>

Click on **Community Facts**

The screenshot shows the American FactFinder website interface. At the top, there is a navigation bar with the United States Census Bureau logo and the 'AMERICAN FactFinder' title. Below the navigation bar, there are several menu options: 'MAIN', 'COMMUNITY FACTS', 'GUIDED SEARCH', 'ADVANCED SEARCH', and 'DOWNLOAD OPTIONS'. The 'COMMUNITY FACTS' option is circled in red, and a red arrow points from the text 'Click on Community Facts' to it. Below the navigation bar, there is a search bar with a magnifying glass icon and a map of the United States. A yellow banner at the top right contains the text: 'Good news! We've released the new American FactFinder. If you're having any issues viewing the new site, click here for more information.' Below the banner, the 'Community Facts' section is highlighted with a blue arrow. The 'Community Facts' section includes the text: 'Find popular facts (population, income, etc.) and frequently requested data about your community.' Below this text is a search input field with the placeholder text 'Enter a state, county, city, town, or zip code:' and a 'GO' button. The input field contains the text 'e.g., Atlanta, GA'. Below the search input field are three links: 'Guided Search', 'Advanced Search', and 'Download Options'. To the right of the search input field is a large image of a smiling woman with a headband. Below the search input field is a 'News and Notes' section with a 'GET EMAIL UPDATES' button. The 'News and Notes' section includes the text: 'American FactFinder provides access to data about the United States, Puerto Rico and the Island Areas. The data in American FactFinder come from several censuses and surveys. For more information see Using FactFinder and What We Provide.' Below the 'News and Notes' section is a small image of a person holding a tablet.



ILLINOIS PUBLIC HEALTH INSTITUTE



Turning Data into
Information; Pt. 1
February 13, 2013
1:30 PM-3:00 PM

Before Selecting Location

Community Facts

The next page will give you a search box where you can type in the geographic location (State, County, City, Town or even Zip Code). For our example, we will use Champaign County, IL.

Hint: This includes both the Decennial Census and the American Community Survey (ACS).

Next, click on the **Poverty** tab. You will notice that the displayed number will change.



After Typing Specific Location



Total Population

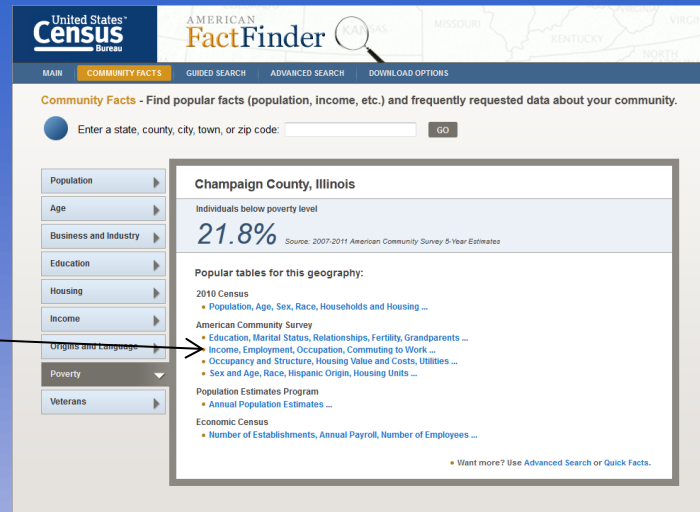


Total Poverty Rate



Accessing the Specific Datasets

Next, select a dataset to view. We will use **Income, Employment, Occupation, Commuting to work,...** for our example.



By clicking 'Income, Employment, Occupation, Commuting, etc.' you can directly access a data table.

Note: There are parts of the [Census FactFinder](http://www.census.gov/factfinder) website that allows you to add geographies such as cities within counties. However this is **not** available in Community Facts.

		Champaign County, Illinois			
Subject		Estimate	Margin of Error	Percent	Percent Margin of Error
EMPLOYMENT STATUS					
Population 16 years and over					
		165,500	+/-252	165,500	(X)
In labor force		107,282	+/-1,525	64.8%	+/-0.9
Civilian labor force		107,102	+/-1,530	64.7%	+/-0.9
Employed		99,203	+/-1,528	59.9%	+/-0.9
Unemployed		7,899	+/-648	4.8%	+/-0.4
Armed Forces		180	+/-97	0.1%	+/-0.1
Not in labor force		58,218	+/-1,489	35.2%	+/-0.9
Civilian labor force		107,102	+/-1,530	107,102	(X)
Percent Unemployed		(X)	(X)	7.4%	+/-0.6
Females 16 years and over					
		83,047	+/-181	83,047	(X)
In labor force		50,933	+/-1,010	61.3%	+/-1.2
Civilian labor force		50,883	+/-1,007	61.3%	+/-1.2
Employed		47,223	+/-1,003	56.9%	+/-1.2
Own children under 6 years					
		13,104	+/-315	13,104	(X)
All parents in family in labor force		9,135	+/-528	69.7%	+/-3.6
Own children 6 to 17 years					
		23,151	+/-451	23,151	(X)
All parents in family in labor force		17,640	+/-755	76.2%	+/-2.8
COMMUTING TO WORK					
Workers 16 years and over					
		97,024	+/-1,509	97,024	(X)
Car, truck, or van — drove alone		65,962	+/-1,509	68.0%	+/-1.1
Car, truck, or van — carpooled		8,502	+/-628	8.8%	+/-0.7
Public transportation (excluding taxicab)		5,981	+/-683	6.2%	+/-0.7
Walked		8,960	+/-797	9.2%	+/-0.8
Other means		3,047	+/-392	3.1%	+/-0.4
Worked at home		4,572	+/-620	4.7%	+/-0.6
Mean travel time to work (minutes)		17.2	+/-0.3	(X)	(X)



Comparing geographies in Census FactFinder

Begin on the **Census FactFinder** homepage again. At the bottom of the page, under **What We Provide**, you can pick what data source you want to use. In this case, we will use the **American Community Survey**. Click on **Get Data**.

Note: The following steps can be used for both the Decennial Census information AND the American Community Survey

United States Census Bureau
AMERICAN FactFinder

MAIN COMMUNITY FACTS GUIDED SEARCH ADVANCED SEARCH DOWNLOAD OPTIONS

Good News! We've released the new American FactFinder. If you're having any issues viewing the new site, [click here](#) for more information.

Community Facts

Find popular facts (population, income, etc.) and frequently requested data about your community.

Enter a state, county, city, town, or zip code:
e.g., Atlanta, GA

- Guided Search
- Advanced Search
- Download Options

American FactFinder provides access to data about the United States, Puerto Rico and the Island Areas. The data in American FactFinder come from several censuses and surveys. For more information see [Using FactFinder](#) and [What We Provide](#).

Using American FactFinder

Learn about American FactFinder's functions and features.

What We Provide

The following data are available on American FactFinder:

- American Community Survey [more >](#) [get data >](#)
- American Housing Survey [more >](#) | [get data >](#)
- Annual Economic Surveys [more >](#)
- Decennial Census [more >](#) | [get data >](#)
- Economic Census [more >](#) | [get data >](#)
- Equal Employment Opportunity (EEO) Tabulation [more >](#) | [get data >](#)

News and Notes

GET EMAIL UPDATES

Jan 29, 2013
The Demographic Profile for American Samoa is available...

[view all news, release schedules, and more >](#)

Address Search

Find Census data by entering a [street address](#).

Reference Maps

Reference Maps show selected geographic boundaries for an area along with orienting features, such as roads.

United States



Using Geographies to Narrow Your Search

Once you click on **Get Data** you will see multiple boxes to help narrow your search. Next click on **Geographies**, select United States and then click United States again and then **Add to your Selections**. Then click on the drop down box and change the geographic type to State. Then follow the same steps to Add Illinois by selecting **State** and **Illinois**.

Helpful Hint: Make sure that your selections are appearing on the left hand side under the box labeled **Your Selections**.

The screenshot shows the American FactFinder website interface. At the top, there is a navigation bar with 'United States Census Bureau' and 'AMERICAN FactFinder'. Below this is a search bar and a map of the United States. The main content area is titled 'Search - Use the options on the left (topics, geographies, ...) to narrow your search results'. On the left side, there are several filter boxes: 'Your Selections', 'Search using...' (with 'Program: American Community Survey'), 'Search using the options below:' (with sub-sections for Topics, Geographies, Race and Ethnic Groups, Industry Codes, and EEO Occupation Codes), and 'Your Selections' (which is currently empty). On the right side, there is a 'Recommendations (4)' section. Below that, there is a 'Select Geographies' section with a table with columns 'List', 'Name', 'Address', and 'Map'. The table contains one entry: 'United States - 010'. Below the table, there is a radio button for 'Select from:' with 'most requested geographic types' selected. There is also a dropdown menu for 'Select a geographic type:' with 'United States - 010' selected. At the bottom of the 'Select Geographies' section, there is a button labeled 'ADD TO YOUR SELECTIONS'. The bottom of the page shows a table with columns for 'DP02PR', 'SELECTED SOCIAL CHARACTERISTICS IN PUERTO RICO', '2011 ACS 3-year estimates', and an information icon.



Including County and City Data

Change the geographic type to **County** and then select the **State (IL)** and select **Champaign County** and click **Add To Selections**. Then select **Place** under the Geographic Type and add the cities of **Champaign, IL** and **Urbana, IL**.

Check to make sure all selections are present

The screenshot shows the American FactFinder interface. The 'Your Selections' panel on the left includes: Program: American Community Survey; United States; State: Illinois; County: Champaign County, Illinois; Place within State: Champaign city, Illinois; Urbana city, Illinois. The 'Geographies' section is expanded to show 'Place' selected. The 'Select Geographies' panel on the right shows 'Place - 160' selected as the geographic type, and a list of places in Illinois including Champaign and Urbana.



Adding Search Topics

Next click on **Topics**, then expand the options under **People** and then click on **Poverty**. This search will give all datasets that are look into **Poverty** levels within the specific geographic locations we listed.

5) Select **ID DP03 : Selected Economic Characteristics** based on the 5-year estimates.

United States Census Bureau AMERICAN FactFinder

Search - Use the options on the left (topics, geographies, ...) to narrow your search results

Your Selections

Search using...
Program: American Community Survey
People Poverty: Poverty
United States: United States
State: Illinois
County: Champaign County, Illinois
Place within State

Search using the options below:

Topics (age, income, year, dataset, ...)
Geographies (states, counties, places, ...)
Race and Ethnic Groups (race, ancestry, tribe)
Industry Codes (NAICS industry, ...)
EEO Occupation Codes (executives, analysis, ...)

Recommendations (4)

New information on same-sex couples from the 2010 Census will be released, including the number of married couples and a set of preferred estimates of same-sex spouses and unmarried partners at the national and state levels. These estimates were developed to account for data capture errors that make it difficult to measure same-sex couple households. Estimates from the 2010 American Community Survey (ACS), along with a brief analyzing the ACS estimates are available here.
[Information on same-sex couples](#)

The 2006-2010 American Community Survey Selected Population Tables (SPT) provide up to 302 race, tribal, Hispanic, and ancestry groups. Availability of ACS SPT Tables 50 unweighted sample cases of the chosen population group. This means that table unweighted sample cases in a specified geographic area.
[View Available Tables](#)

The 2006-2010 American Community Survey American Indian Alaska Native Tables (AIANT) provide detailed social, economic, demographic and housing data for up to 950 tribes and tribal groups. Availability of ACS AIANT tables for a specific tribe is limited to geographic areas with at least 50 unweighted sample cases of the chosen tribe or tribal group. This means that tables will not be shown for tribes or tribal groups with less than 50 unweighted sample cases in a specified geographic area.
[View Available Tables](#)

The 2011 American Community Survey 1-year estimates provide detailed social, economic, demographic and housing data for populations of 65,000 or more.
[View Available Tables](#)

Search Results: 1-25 of 857 tables and other products match 'Your Selections'

topic or table name state, county or place (optional) GO ?

Refine your search results: topics race/ancestry industries occupations

1 Selected: View Download Compare Clear All ?

ID	Table, File or Document Title	Dataset	About
DP03	SELECTED ECONOMIC CHARACTERISTICS	2011 ACS 3-year estimates	?
DP03	SELECTED ECONOMIC CHARACTERISTICS	2011 ACS 5-year estimates	?
DP04	Population and Housing Nonwhite, 2009-2011	2011 ACS 3-year estimates	?
S1701	POVERTY STATUS IN THE PAST 12 MONTHS	2011 ACS 3-year estimates	?
S1701	POVERTY STATUS IN THE PAST 12 MONTHS	2011 ACS 5-year estimates	?
S1702	POVERTY STATUS IN THE PAST 12 MONTHS OF FAMILIES	2011 ACS 3-year estimates	?
S1702	POVERTY STATUS IN THE PAST 12 MONTHS OF FAMILIES	2011 ACS 5-year estimates	?
S1703	SELECTED CHARACTERISTICS OF PEOPLE AT SPECIFIED LEVELS OF POVERTY IN THE PAST 12 MONTHS	2011 ACS 3-year estimates	?
S1703	SELECTED CHARACTERISTICS OF PEOPLE AT SPECIFIED LEVELS OF POVERTY IN THE PAST 12 MONTHS	2011 ACS 5-year estimates	?



Data table

The next thing you will see is a table with data for **United States, Illinois, Champaign County, Champaign, IL and Urbana, IL.**

Tip: By clicking on the red arrows, the chart will move over and you will be able to see all of the percentages for each geographic location selected.

United States[™] Census Bureau

AMERICAN FactFinder

Feedback FAQs Glossary Help

MAIN COMMUNITY FACTS GUIDED SEARCH ADVANCED SEARCH DOWNLOAD OPTIONS

Advanced Search - Search all data in American FactFinder

1 Advanced Search 2 Table Viewer

Result 1 of 1 VIEW ALL AS PDF

DP03 SELECTED ECONOMIC CHARACTERISTICS 2007-2011 American Community Survey 5-Year Estimates

Table View BACK TO ADVANCED SEARCH

Actions: Modify Table Bookmark Print Download Create a Map

View Geography Notes View Table Notes

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

<< 1 - 18 of 20 >>

	United States	Illinois	Champaign County, Illinois	Champaign city, Illinois	Urbana city, Illinois
--	---------------	----------	----------------------------	--------------------------	-----------------------



Data Table

Subject	United States		Illinois				Champaign County, Illinois				Champaign city, Illinois				Urbana city, Illinois			
	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent	Percent Margin of Error
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL																		
All families	10.5%	+/-0.1	(X)	(X)	9.6%	+/-0.1	(X)	(X)	10.2%	+/-1.1	(X)	(X)	12.2%	+/-2.2	(X)	(X)	13.5%	+/-3.3

Information from Data Table:

United States: 10.5%

Illinois: 9.6%

Champaign County, IL: 10.2%

Champaign (city), IL: 12.2%

Urbana (city), IL: 13.5%



What Does the Data Mean?

The cities of Champaign, IL and Urbana, IL have a higher percent of people below the poverty level compared to Champaign County, Illinois and the United States.

Subject	United States		Illinois				Champaign County, Illinois				Champaign city, Illinois				Urbana city, Illinois			
	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent	Percent Margin of Error	Estimate	Margin of Error	Percent	Percent Margin of Error
PERCENTAGE OF FAMILIES AND PEOPLE WHOSE INCOME IN THE PAST 12 MONTHS IS BELOW THE POVERTY LEVEL																		
All families	10.5%	+/-0.1	(X)	(X)	9.6%	+/-0.1	(X)	(X)	10.2%	+/-1.1	(X)	(X)	12.2%	+/-2.2	(X)	(X)	13.5%	+/-3.3

- Ideas for additional data to look at: trends over time, 200% poverty, child poverty



Illinois Interactive School Report Cards

<https://iirc.niu.edu/>

- Includes reports about Illinois's academic performance as well as demographic descriptions by school, city, school district and also county.
- Useful data available
 - Poverty
 - Age
 - Enrolled Population
 - Race/Ethnicity
 - High School Completion Rates



How to Use the Illinois Interactive School Report Cards

Start off by going to Illinois Interactive School Report Cards (<http://iirc.niu.edu/>).

Type in your location (either specific school, city, school district or county). For our example we will use Kane County.

The screenshot shows the Illinois Interactive Report Card website. At the top, the logo reads "iirc Illinois Interactive Report Card". Below the logo is a navigation menu with links: Home, Find Schools, About the Tests, What Students Should Know, AYP/Accountability, and Resources. On the right side of the menu, there is a "Log in to myiirc" link. The main content area is divided into several sections. On the left, there is a "Find a School/District" section with a search form. The search form has radio buttons for "School", "District", "City", and "County", with "County" selected. Below the radio buttons is a text input field containing "KANE" and a "Go" button. Below the search form is a list of categories: Schools, Districts, Charter Schools, Cities, Counties, Regional Offices of Education, SSoS, Learning Technology Centers, Legislative Districts, and Other Tech Plan Entities. On the right side of the main content area, there is a "Teaching Resources" section with a photo of a teacher and students in a classroom. Below this is a welcome message: "Welcome to the Illinois Interactive Report Card web site - the premier web site for test results and other school improvement information for Illinois schools!". Below the welcome message are two columns of links: "User Resources" and "Recent Updates". The "User Resources" column includes links for "State Report Card (IIRC)", "21st Century CLC Programs", "IIRC Guide for School Board Members", and "IIRC User's Guide 2011". The "Recent Updates" column includes a list of dates and links for "2012 Illinois Honor Roll Announced", "2012 Title III AMAOs Update", "IIRC Open During University Closure", "Rising Star Plans", "REMINDER - Rising Star CII Plans temporary closure", "School Rising Star Plans Migration from CII to IIRC", and "District Rising Star Migration from CII to IIRC". At the bottom of the page, there is a copyright notice: "© 2012 Illinois Interactive Report Card, Northern Illinois University, with support from the Illinois State Board of Education. Updated: Tuesday, February 05, 2013".



How to Use the Illinois Interactive School Report Cards

The next screen will show all of specific school districts in the geography that we chose (Kane).

Select **SD U-46**

Illinois Interactive Report Card

Home Find Schools About the Tests What Students Should Know AYP/Accountability Resources Log in to myirc

Home > Find Schools > Search > Search List > Search Results Like 0

Your search for COUNTY LIKE KANE returned 9 DISTRICTS

State Status	Made AYP	District Name (Size-Type)	No. Of Schools	County
AWS		AURORA EAST USD 131 (LARGE - UNIT)	16	KANE
AWS		AURORA WEST USD 129 (LARGE - UNIT)	15	KANE
AEWS		BATAVIA USD 101 (LARGE - UNIT)	8	KANE
AEWS		CENTRAL CUSD 301 (LARGE - UNIT)	7	KANE
AWS		CUSD 300 (LARGE - UNIT)	25	KANE
		GENEVA CUSD 304 (LARGE - UNIT)	9	KANE
AEWS		KANELAND CUSD 302 (LARGE - UNIT)	6	KANE
AWS		SD U-46 (LARGE - UNIT)	53	KANE
AEWS		ST CHARLES CUSD 303 (LARGE - UNIT)	17	KANE

Your search for COUNTY LIKE KANE returned 166 SCHOOLS



How to Use the Illinois Interactive School Report Cards

The first part of their website shows the schools performances compared to the overall state performance. Below the ISAT Assessment chart you will see the demographic breakdown of the student population.

In order to see a better data table move your mouse to **District Environment** then Select **About Students** and **Race/Ethnicity**.

In order to see a better data table move your mouse to **District Environment** then Select **About Students** and **Race/Ethnicity**.

Illinois Interactive Report Card

Home Find Schools About the Tests What Students Should Know AYP/A accountability Resources Log in to myirc

Home > Find Schools > Search > Search List > Districts > District

SD U-46 District Profile Performance Trends

All Tests
 ISAT
 PSAE
 IAA

Composite Percent Meets and Exceeds - ISAT Assessment

Year	District (%M+E)	State (%M+E)
02	59.63	61.64
03	61.64	64.66
04	64.66	67.69
05	67.69	78.77
06	78.77	81.79
07	81.79	79.79
08	79.79	79.80
09	79.80	80.81
10	80.81	80.82
11	80.82	80.82
12	80.82	80.82

Demographic Information (2012)

Race/Ethnicity	Percentage
White	32.0%
Black	6.7%
Hispanic	50.0%
Asian	8.3%
American Indian	2.4%
Multiracial	0.5%

District Summary

District Enrolment	40,687
District Size	LARGE
Number of Schools in District	53
U.S. Status	9 Years in School Improvement
All Subjects Meets and Exceeds	74.80%
Made Adequate Yearly Progress	No
Avg. Teacher Salary	\$72,404
Avg. Teacher Experience	14.3 Years
Instructional Expenditure Per Pupil	\$5,455
Operational Expenditure Per Pupil	\$9,411
Low Income	55%

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Updated: Tuesday, February 05, 2013

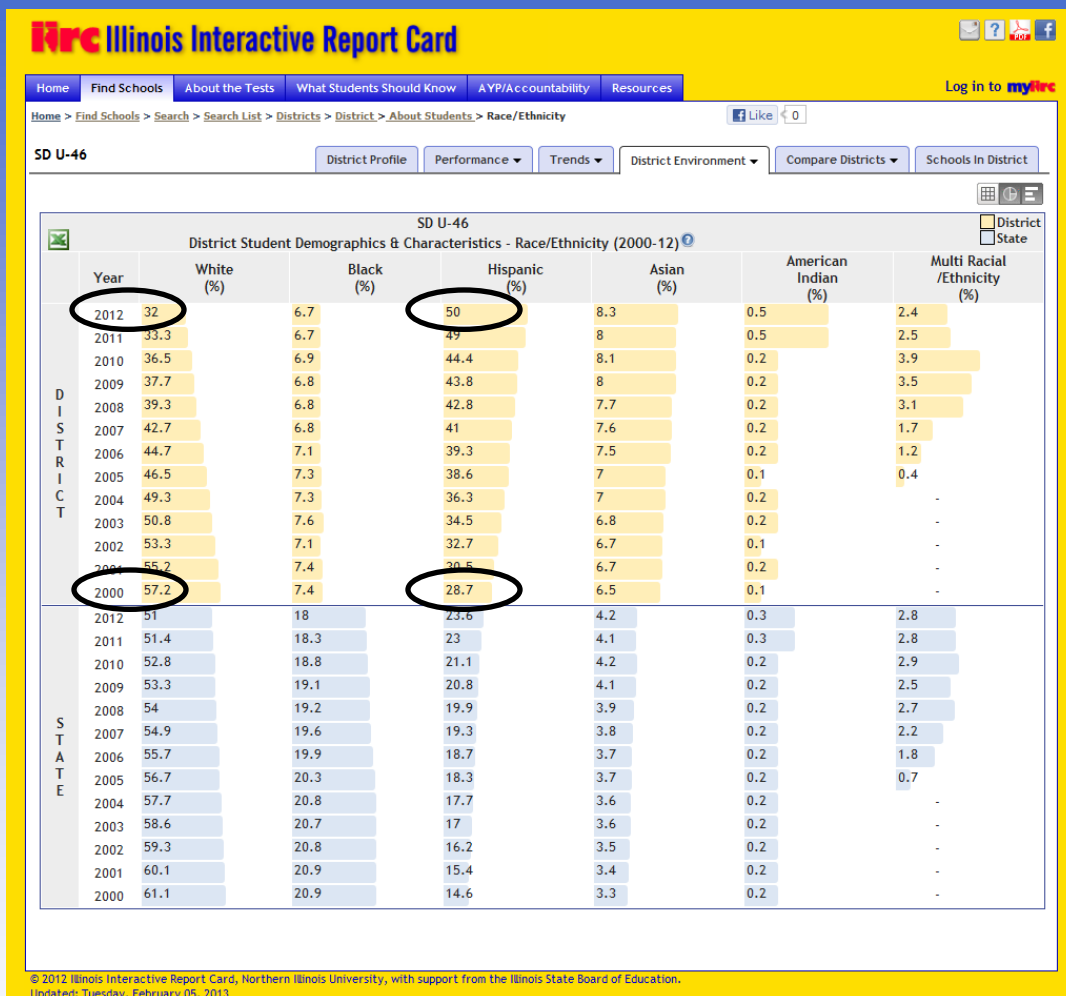


Making Sense of the Data Table

8) By clicking on **About Students** and **Race/Ethnicity** you will be able to get the last 12 years of data for that school district. Then, you will be able recognize trends, patterns or interesting information.

Recognizing Trends:

Comparing 2012 and 2000's racial data for **SD U-46** there is a steep decline in the number of White individuals attending these schools whereas there is a drastic increase in the number of Hispanic students.



Using the Health Indicators Warehouse

The Health Indicators Warehouse (HIW) is a user-friendly web based database of already gathered national, state, and local health indicators that reflect many different aspects of population health, health care, and health determinants. The HIW also contains data that helps understand and use the indicators as well as useful links to examples of evidence-based interventions. The data sources used in the HIW are:

- RWJF/UWPHI County Health Rankings (CHR)
- Community Health Status Indicators (CHSI)
- Healthy People 2020
- Centers for Medicare & Medicaid Services (CMS) Indicators
- Additional indicators determined by the HHS Interagency Governance Group



How to Use the Health Indicators Warehouse

This is the homepage, and starting point on the HIW. Click on the arrow and select your state. For this example we will be using McLean County, IL.

HEALTH INDICATORS WAREHOUSE

HOME INDICATORS RESOURCES ABOUT FOR DEVELOPERS

Search for Indicators

Share

Welcome to the Health Indicators Warehouse (HIW)

Indicators in the HIW are categorized by topic, geography, and initiative. Select your starting point for exploring indicators in the HIW.

by Topic

Each indicator in the HIW is associated with one or more topic areas, such as disease, condition, age group or sociodemographic characteristics.

Select a topic

by Geography

Most of the indicators in the HIW have national level data. Many indicators also have data available by state, county, and hospital referral regions.

Select a state

by Initiative

The HIW contains indicators derived from and in support of several state and federal health indicator initiatives.

Select an initiative

How to Use the Health Indicators Warehouse

The next screen will show three columns (Indicator Filter, State, County). Our example will look at binge drinking rates in adults in McLean. Click on the first indicator titled **Binge drinking adults (percent)**.

HEALTH INDICATORS WAREHOUSE

HOME INDICATORS RESOURCES ABOUT FOR DEVELOPERS

Search for Indicators

Share

Find Indicators

Use the filters below to narrow the list of resulting indicators.

Geography

- Health Behaviors
- Health Care
- Health Care Resources
- Health Outcomes
- Health Risk Factors
- Hospital Referral Region

Illinois

- Indiana
- Iowa
- Kansas
- Kentucky
- Louisiana
- Maine

McLean

- Macoupin
- Madison
- Marion
- Marshall
- Mason

We found 90 indicators which contain: Illinois McLean Remove All Filters

- Binge drinking, adults (percent)
- Births, moderately preterm (32-36 wk.) (percent)
- Births: unmarried women 18-54 years (percent)
- Births: women 40-54 years (percent)
- Births: women under 18 years (percent)
- Births: females 15-19 years (per 1,000)

How to Use the Health Indicators Warehouse

Next, a screen will appear that will show an explanation of how the data was determined and collected. There will be three tabs, click on the **Data** tab.

The screenshot shows the Health Indicators Warehouse interface. The main title is "Binge drinking: adults (percent)". Below the title, there are three tabs: "Overview", "Data", and "Download". The "Data" tab is circled in red. The page content includes sections for Numerator, Denominator, and Methodology. On the right side, there are sections for "Related Keywords" and "Indicator Information".

Numerator
Respondents aged ≥ 18 years who report having 5 or more drinks (men) or 4 or more drinks (women) on one or more occasions during the previous 30 days

Denominator
Respondents ages 18 years and over who report having a specific number, including zero, of drinks during the previous 30 days (excluding unknowns and refusals)

Methodology
Based on the question: "Considering all types of alcoholic beverages, how many times during the past 30 days did you have [5 for men, 4 for women] or more drinks on an occasion?"
Estimates based on fewer than 50 cases or with a confidence interval half-width of 10% or more (upper CI-lower CI*100) >10) are considered unreliable and are not displayed.
This Indicator uses Age-Adjustment Groups:
• Age Range: 18-44, 45-54, 55-64, 65-74, 75+

Related Keywords
substance abuse
alcohol
drinking
Behavioral Risk Factor Surveillance ...
BRFSS
liquor

Indicator Information
Data Source
BRFSS (CDC, PHSPD)
Initiative
CHR
Geographic Levels
State and County
Data Years
2010, 2008-2010, 2006-2010, 2004-2010



How to Use the Health Indicators Warehouse

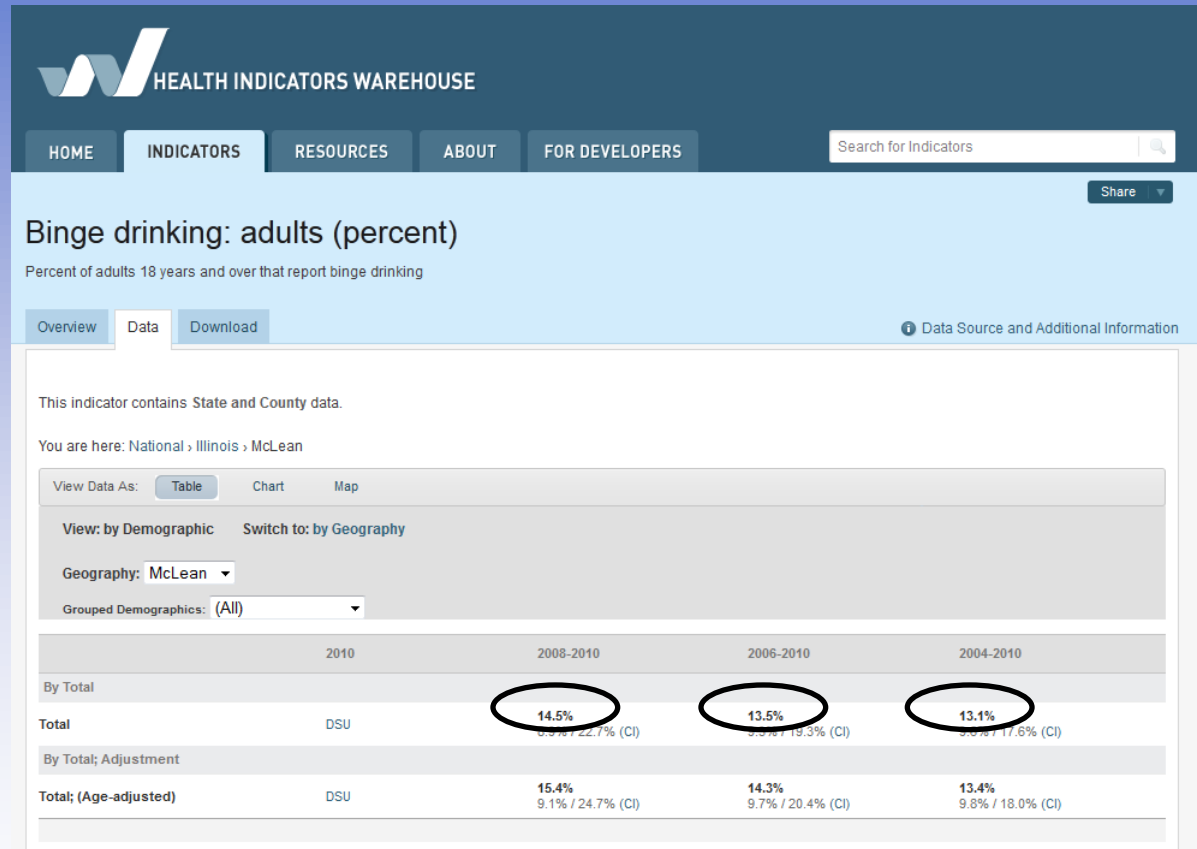
The default settings will show National data. Change the geography to State, then change to County and select McLean.

The screenshot shows the Health Indicators Warehouse interface. At the top, there is a navigation menu with 'HOME', 'INDICATORS', 'RESOURCES', 'ABOUT', and 'FOR DEVELOPERS'. A search bar is located on the right. The main content area displays the indicator 'Binge drinking: adults (percent)' with a subtitle 'Percent of adults 18 years and over that report binge drinking'. Below this, there are tabs for 'Overview', 'Data', and 'Download'. A link for 'Data Source and Additional Information' is also present. The page indicates that the indicator contains State and County data. Under 'You are here: National', there are options to 'View Data As: Table', 'Chart', and 'Map'. Below that, there are options to 'View: by Demographic' and 'Switch to: by Geography'. The 'Geography' dropdown menu is currently set to 'National' and is circled in red. At the bottom of the page, a message states: 'There is no data to display for this indicator at the National level.'



How to Use the Health Indicators Warehouse

The last screen will show the rates of **Binge drinking: adults** as a percent broken down specific timeframes.



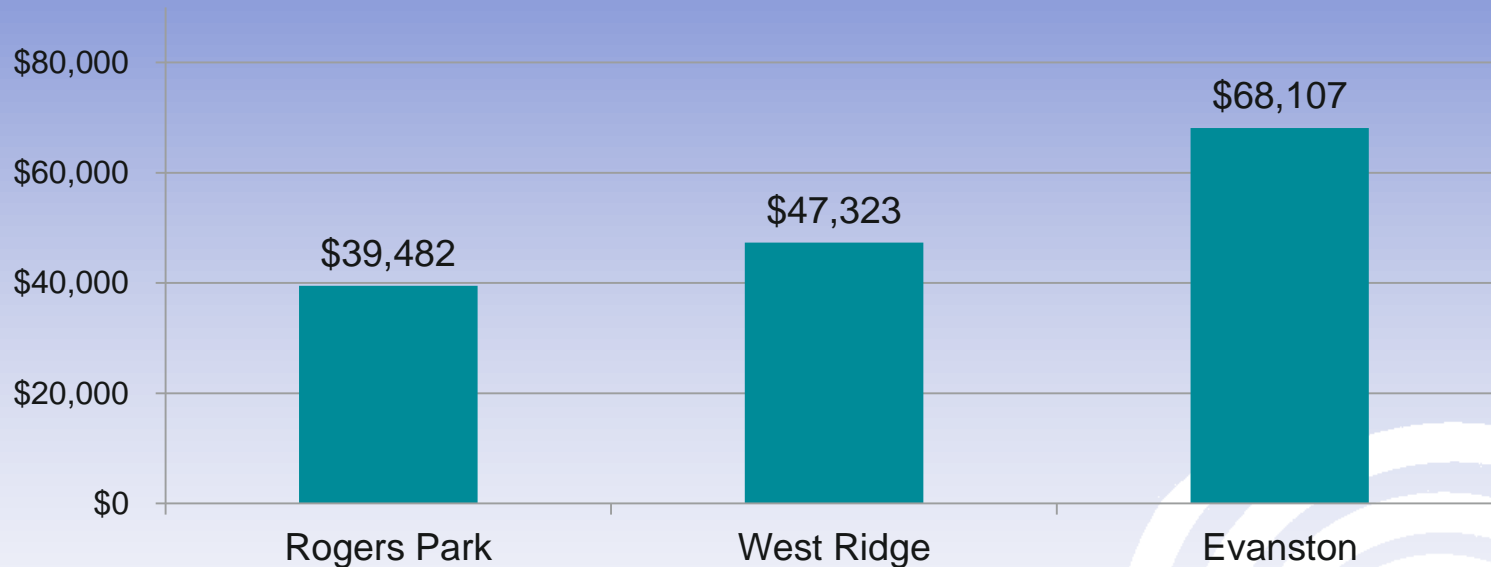
Other Useful Sources to Consider

- **CDC WONDER**
 - WONDER stands for Wide-ranging Online Data for Epidemiological Research. It is a database that contains information about mortality, incidence, vaccinations and much more.
- **County Level Estimates of Diagnosed Diabetes: CDCP**
 - This CDC website provides age-adjusted percentages of adults with diabetes by county, based on BRFSS data and includes maps.
- **IL BRFSS**
 - Available for Illinois counties and the state, range of self-reported health indicators including mental health
- **Community Commons**
 - “an interactive mapping, networking, and learning utility for the healthy, sustainable, and livable communities movement.”



Data Analysis and Presentation - Bar chart

Median Income, 2006-2010



Source: www.robparal.com/ChicagoDemographics2010.html



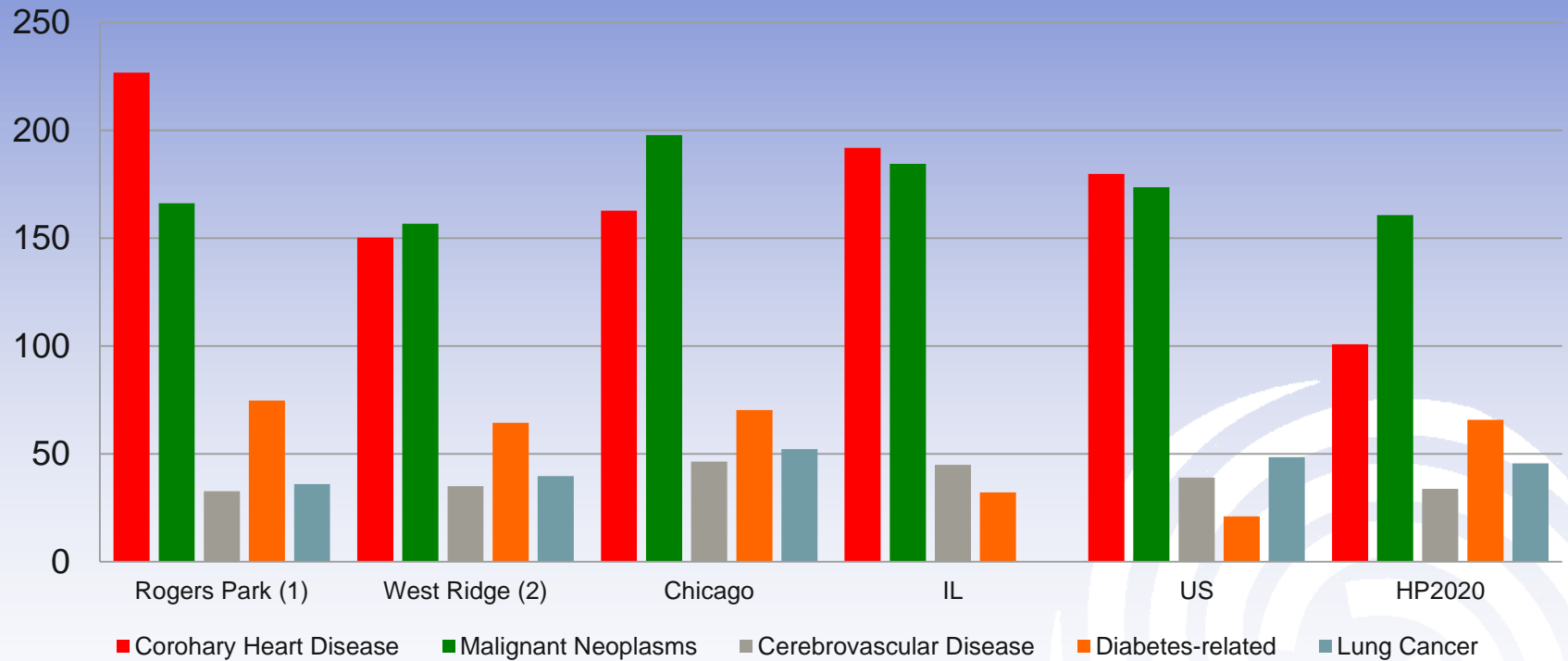
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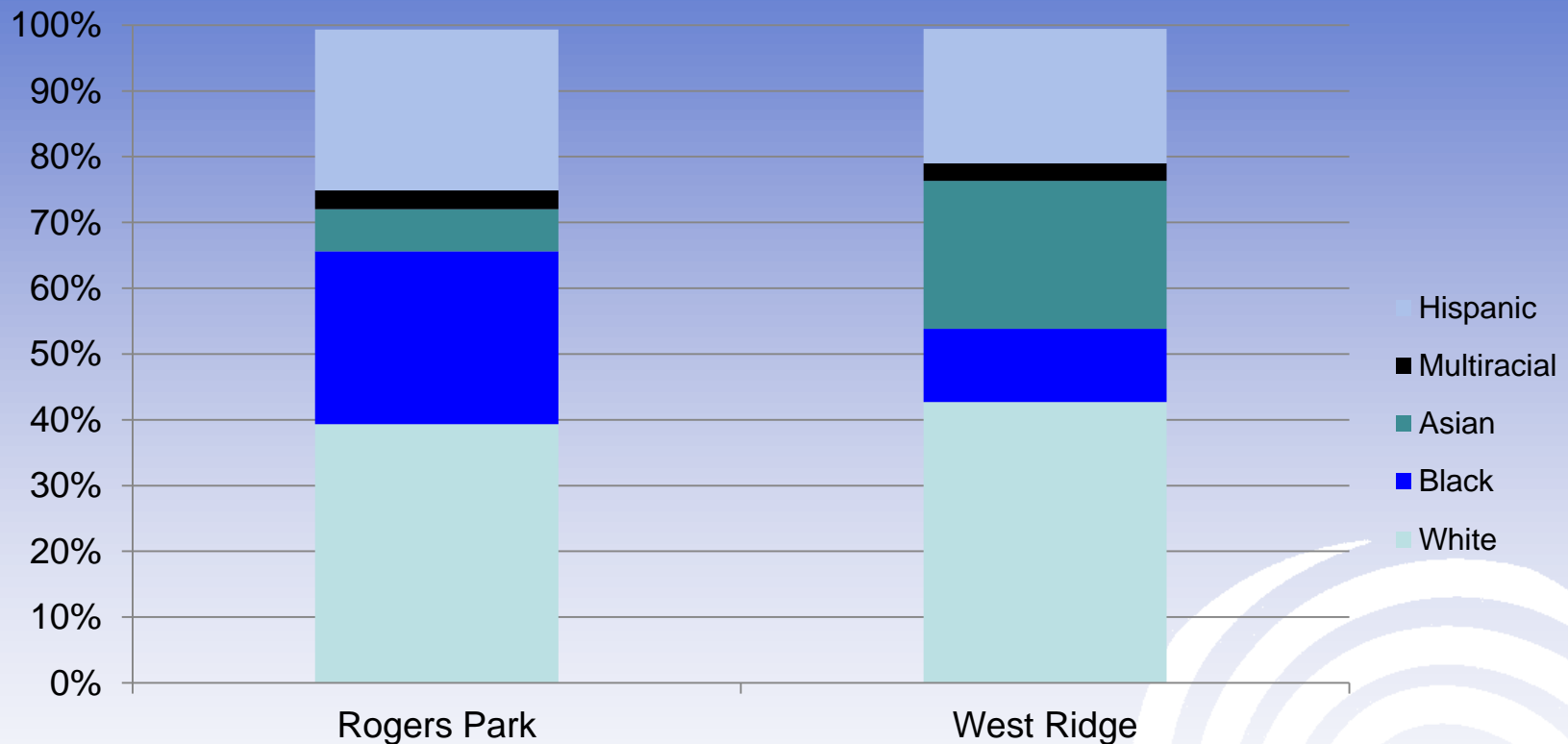
Turning Data into
Information; Pt. 1
February 13, 2013
1:30 PM-3:00 PM

Data Analysis and Presentation - Side-by-side bar chart

Top 5 Causes of Mortality Age-Adjusted Mortality Rates, 2008



Data Analysis and Presentation - Stacked bar chart



Source: www.robparal.com/ChicagoDemographics2010.html



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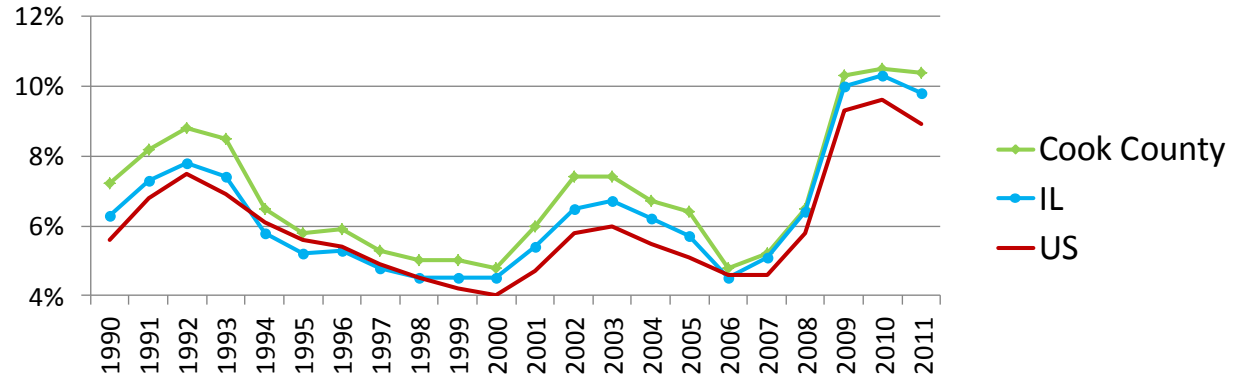


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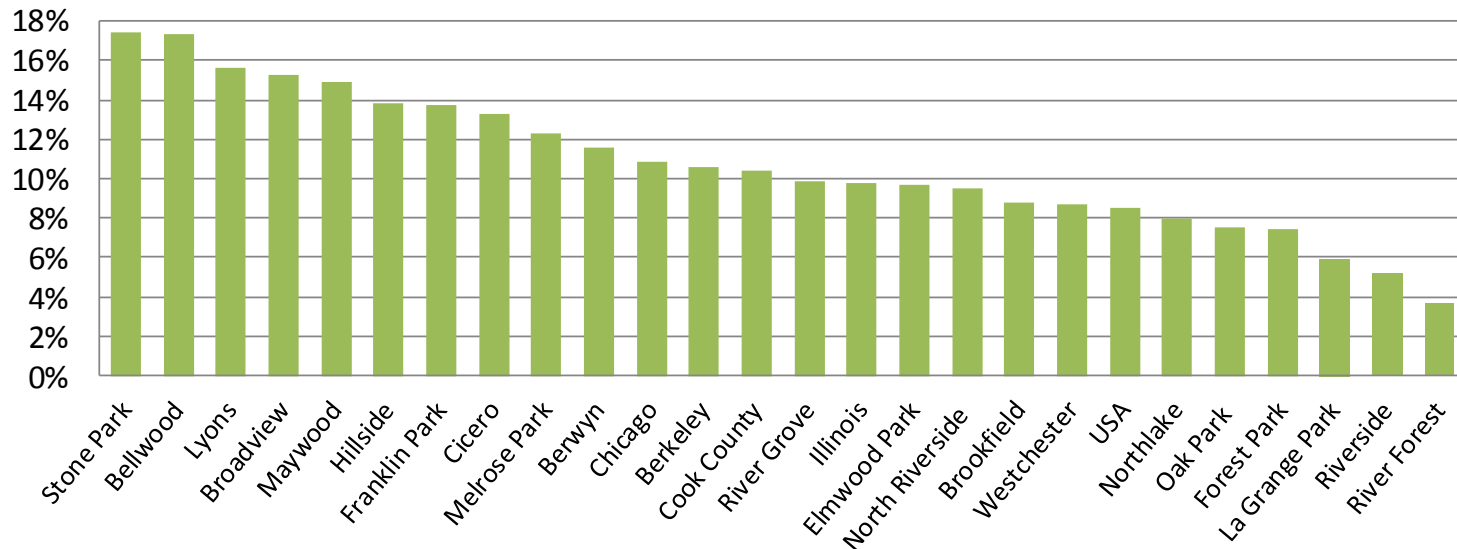
Data Analysis and Presentation

Trends

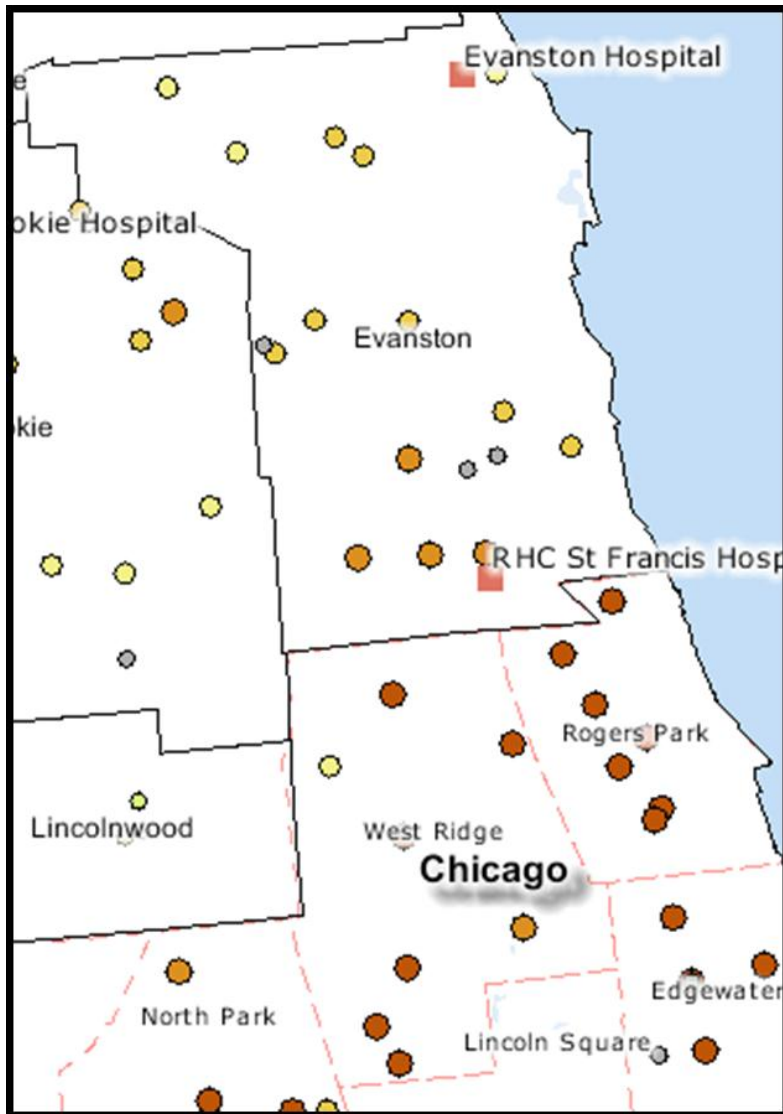
Unemployment 1990-2011



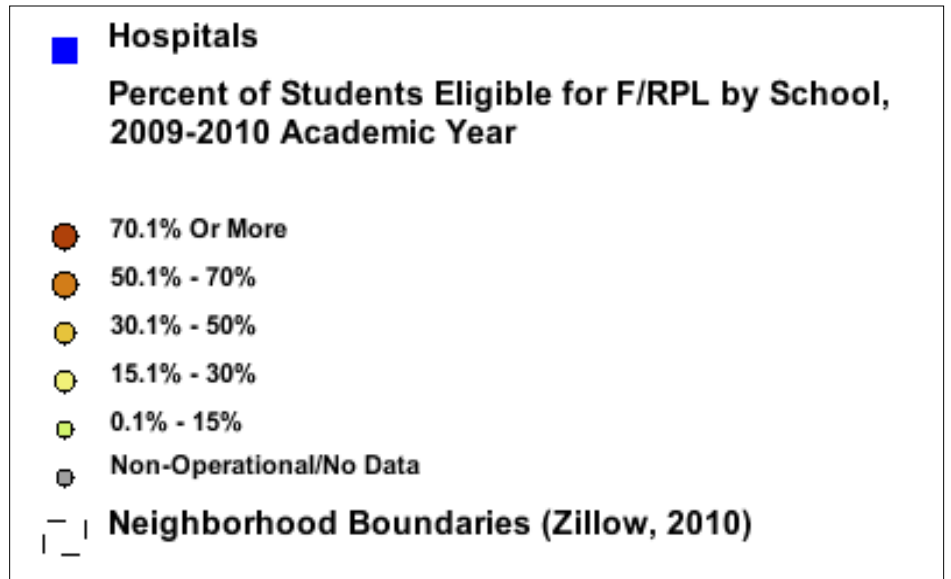
Unemployment 2011



Data Analysis and Presentation - Map



Percent of Students Eligible for Free or Reduced Lunch, By School, 2011



What to expect for 'Turning Data Into Information, Part 2'

- Focus on Data Analysis Steps 6, 7, 8, 9
- Summarize quantitative data and construct, charts, graphs, and tables that are easy to understand
- Present data in a visually compelling way
- Communicate IPLAN data to community members
- Understand several methods for integrating community input throughout the IPLAN process
- Use community input data to validate and enhance findings from secondary data sources
- Summarize and present qualitative information using basic analysis methods



Questions?

Maximize or minimize side bar

Raise hand option

Submit questions here

The screenshot shows a GoToTraining interface with the following sections:

- Attendee List (2 | Max 201):** A list of participants under the heading "NAMES - ALPHABETICALLY". The list includes "Peter Eckart (Organizer, Presenter)" and "Test Participant (Me)".
- Audio:** Controls for audio settings, including "Telephone" (unselected) and "Mic & Speakers" (selected). There are volume indicators for both input and output.
- Chat:** A text input field with the placeholder "[Type message here]", a dropdown menu set to "All - Entire Audience", and a "Send" button.
- Footer:** "TEST Training" with "Training ID: 997-436-404" and the "GoToTraining" logo.

We'll take live questions at this time. Please use the raise hand option to be un-muted, or submit a question via the chat feature.



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Next IPLAN webinars are:

Strategic Planning

Tuesday, February 26, 2013, 1:30 – 3:00pm

Turning Data into Information, Part 2

Wednesday, March 20, 2013, 1:30 – 3:00pm

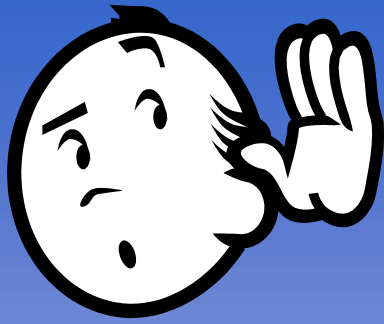
Registration is available at: www.iphionline.org



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Feedback

- Please complete the evaluation form.
- Your input is used to plan future offerings.



Thank You!

If you have training or technical assistance follow-up needs, contact:

Laurie Call, Director

Center for Community Capacity Development, IPHI

Laurie.Call@iphionline.org

