

Step-by-Step Visual Guide to IQuery

Illinois Department of
PUBLIC HEALTH

IQuery

Home
New Data Search
Help and Training

Welcome to IQuery, your headquarters for community health data.
IQuery has three 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.

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

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

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 Upcoming](#).

IQuery will be launched to Local Health Departments (LHDs) on February 23. LHD Administrators and staff are invited to register by Monday, February 21, for one of two online training sessions (webinars) on the use of IQuery:

[Tuesday, February 22 at 2:00 p.m.](#)
[Wednesday, February 23 at 10:00 a.m.](#)
 (To register, click on the session date.)

[Begin Data Search](#)

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Welcome to IQuery, your headquarters for public health data in Illinois.

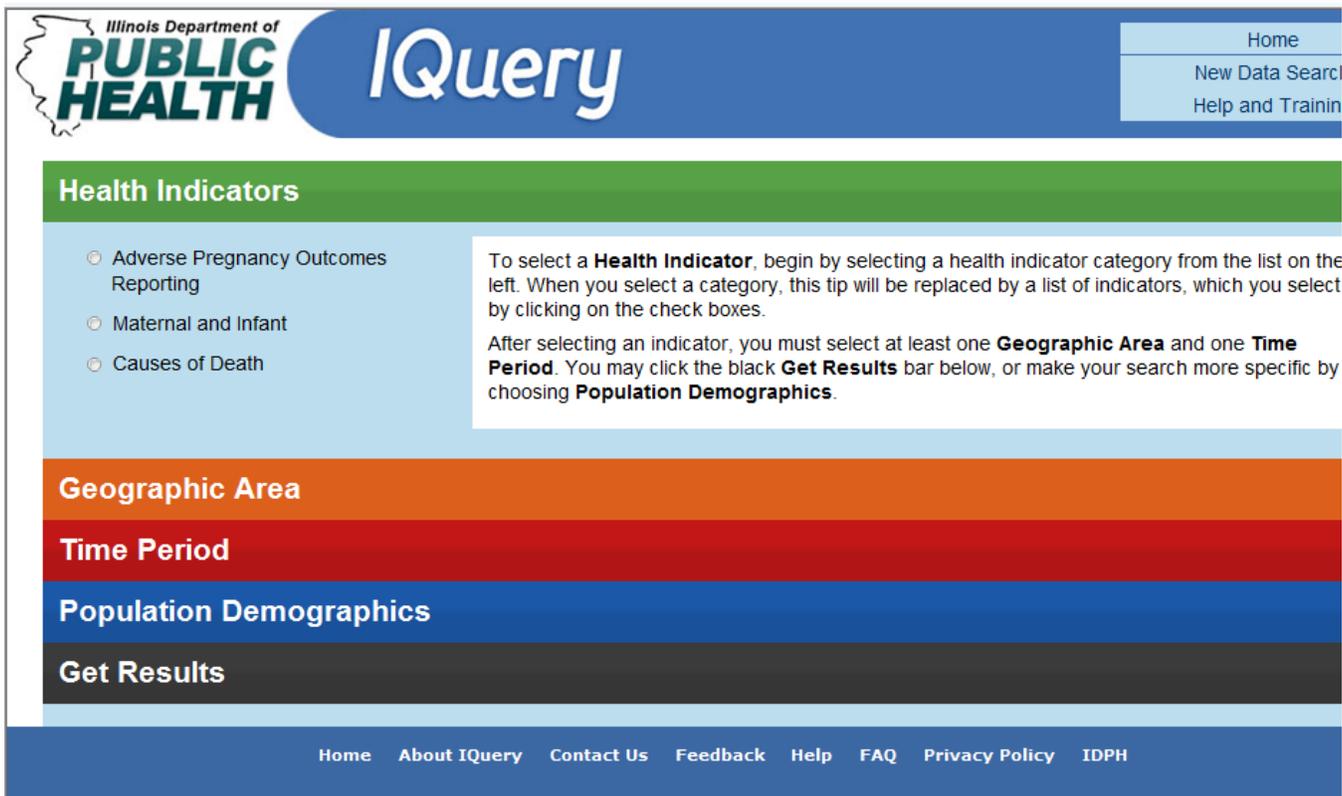
This new Web site has been designed to be easy to use and easy to understand. This Step-by-Step Guide is divided into two sections. The first 13 pages illustrates the main sections of the system. The second section details three different examples of data searches.

IQuery is a new system, but will be growing quickly, with new reporting tools and new data sources. Feel free to experiment with data searches as you learn to use IQuery, and please leave your feedback to improve the system.

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Updates to this document will be available at the IQuery Web site iquery.illinois.gov



The main data search page has five “tabs” — the brightly-colored wide bands across the screen that define the choices you can make and have made. Each tab expands when you click it.

To search the available public health data, select the data in which you are interested, and then what kind of details you want. For a simple data search, you may select one **Health Indicator**, one **Geographic Area**, and one **Time Period**, and then click on **Get Results**.

Tip: Move your mouse over headings on screen and additional information will appear.

You also can make much more specific choices. Please note that the system is designed to present the data that is available. If you make a broad search (three different diseases in five metropolitan counties for the last 10 years), you will get a lot of data. If you make a very specific search (death by chronic liver disease in one small county in 2001), then you will get a small amount of data.

Clicking on **Get Results** will give you a table of information that you can print, export to a spreadsheet, save as a PDF, or display in graphs.

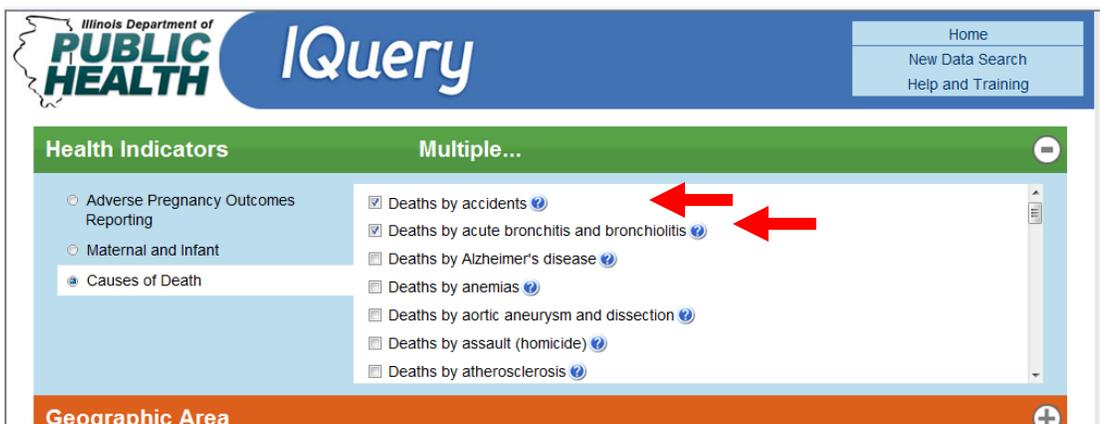


Tip: Click on the blue question mark for more information about the health indicator.

When you select one of the **Health Indicator** categories on the left, the available indicators appear on the right.



When you select a single **Health Indicator**, that indicator name appears on the green tab above the indicator list.

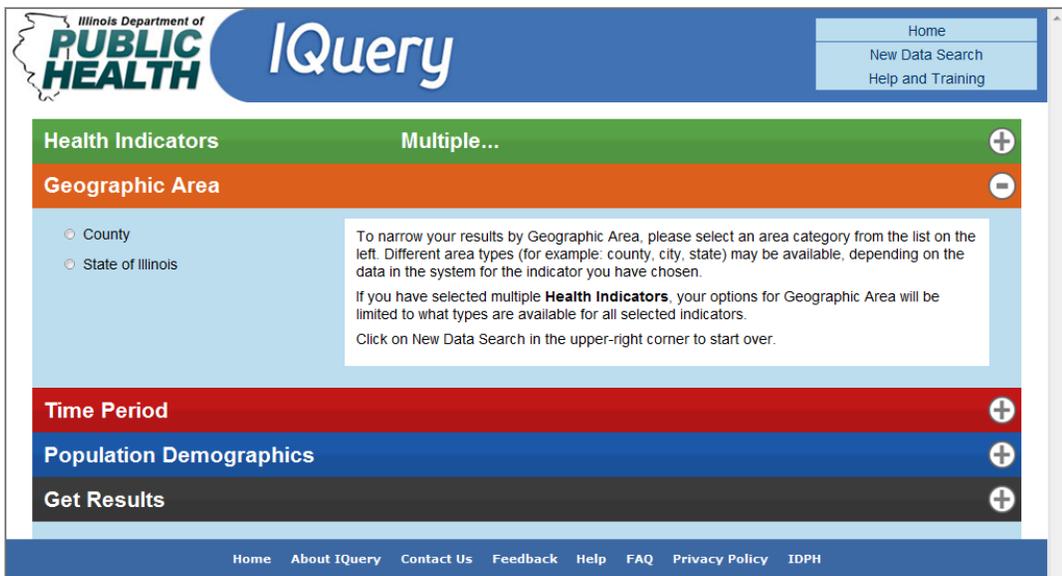


If you select more than one **Health Indicator**, "Multiple ..." appears in the tab above the list.

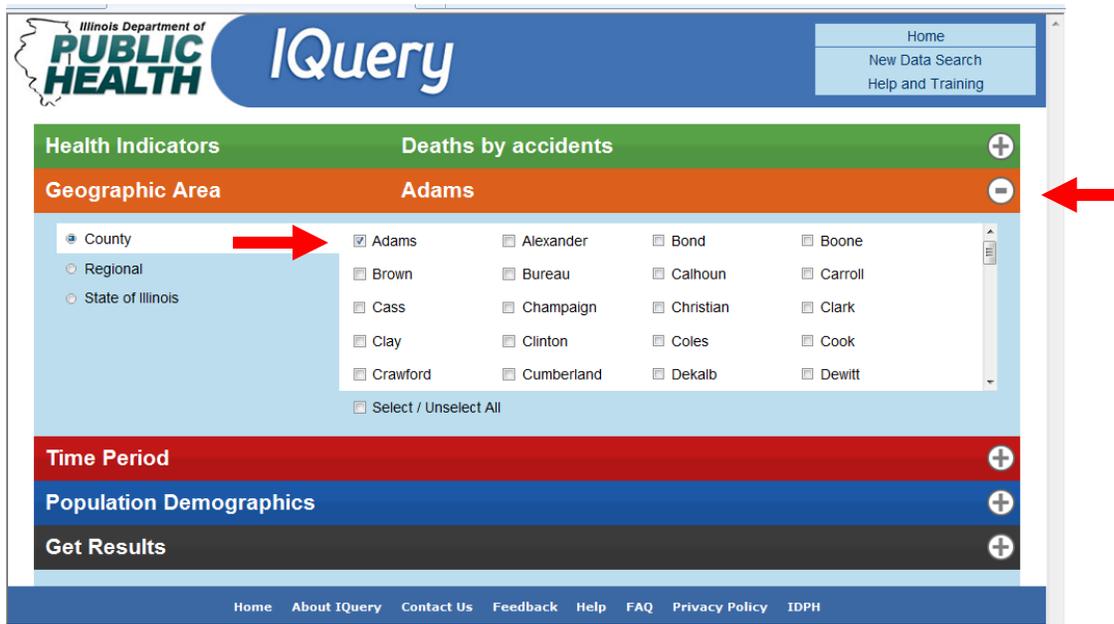
Tip: Click on the “New Data Search” button at any time to reset or restart your search.



Click on the orange **Geographic Area** tab and different types of areas will appear (county, region, state of Illinois, etc.). Your area choices depend on what geographic areas are represented in the system. If the data are not available by a particular kind of geography, like city or state, then you will not see that choice on the left side.

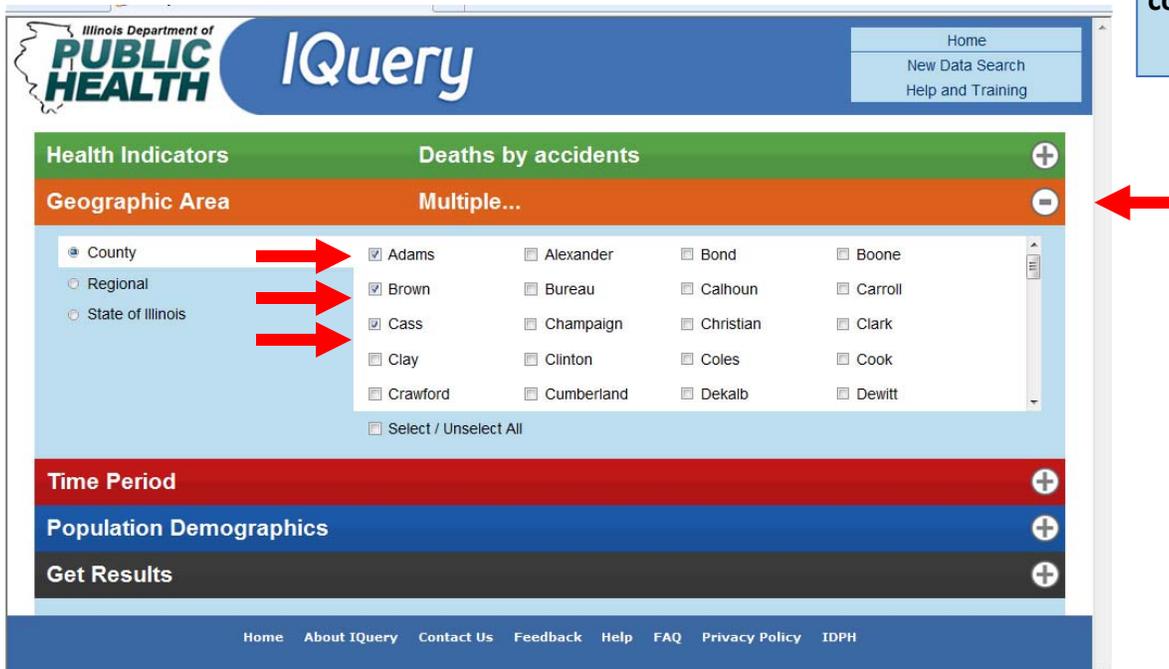


In this example, the user has selected more than one **Health Indicator**. IQuery will show all the possible types of **Geographic Area** that are available for ALL of the indicators chosen. The choice for “Regional” has disappeared, because data for “Regional” is not present for all of the indicators chosen.



When you select a single **Geographic Area**, that indicator name appears on the green tab above the indicator list.

Tip: Click on the scroll bar to see the rest of your choices (in this case, counties listed after DeWitt).



If you select more than one **Geographic Area**, "Multiple ..." appears in the tab above the list.

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

Home
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Health Indicators Deaths by accidents +

Geographic Area Multiple... +

Time Period -

Annual 2007 2006
 2005 2004
 2003 2002
 2001 2000

Select / Unselect All

Population Demographics +

The choices for **Time Period** will vary with the other selections you have made. In this example, “Deaths by accidents” is available by individual years, beginning with the year 2000.

Note: Most data in IQuery is available from 2000. The most recent data is from 2008.

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Home
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Health Indicators Babies born at less than 27 weeks with birth defects +

Geographic Area Multiple... +

Time Period -

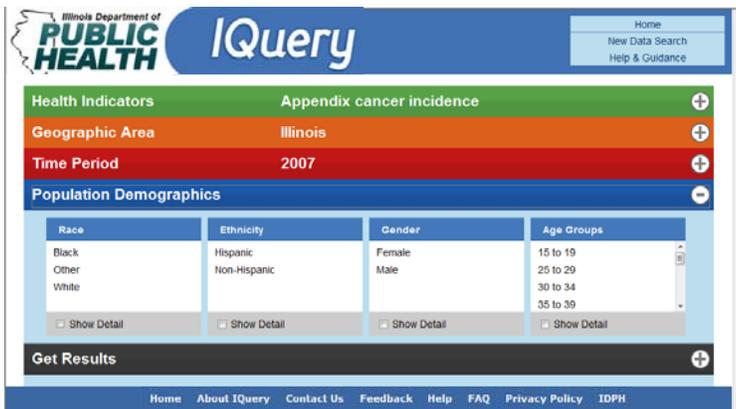
Five Year 1999-2003
 1994-1998
 1989-1993

Select / Unselect All

Population Demographics +

Get Results +

“Babies born at less than 27 weeks with birth defects” is stored and reported only in five-year ranges, beginning with 1989—1993.

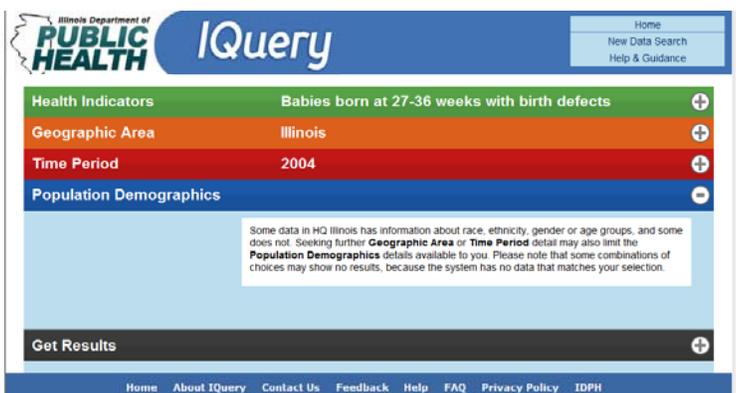


Health Indicators have different sets of demographic variables. For example, this indicator example has details for race, ethnicity, gender and 14 five-year age ranges.



Note: The data for IQuery indicators is collected in different ways by different offices, so the demographic details vary by indicator as well.

The demographic choices are reduced as your choices narrow. In this example, selecting a single county and year results in fewer demographic descriptors.



Some **Health Indicators** do not include demographic details, or the specificity of the data search returns results without demographic details.

Babies born to mothers who smoke during pregnancy

Source: IDPH Vital Statistics
 Contact: IDPH Illinois Center for Health Statistics 217-785-1064 [More information about this indicator](#)
 Description: the number of live births among mothers who smoked during pregnancy.

Area	Period	Race	Gender	Ethnicity	Age Range	Count	Age-adjusted Rate	LCI	UCI
Illinois	2007	ALL	ALL	ALL	ALL	15,179	119.5	117.6	121.4
Dewitt	2007	ALL	ALL	ALL	ALL	47	324.8	247.8	418.1
Illinois	2007	White	Female	Hispanic	15 to 24	133			
Illinois	2007	White	Female	Non-Hispanic	15 to 24	2,838			
Illinois	2007	White	Male	Hispanic	15 to 24	126			
Illinois	2007	White	Male	Non-Hispanic	15 to 24	2,943			
Illinois	2007	White	Female	Non-Hispanic	25 to 44	2,709			
Illinois	2007	White	Male	Non-Hispanic	25 to 44	2,904			
Dewitt	2007	White	Female	Hispanic	15 to 24	***			
Dewitt	2007	White	Female	Non-Hispanic	15 to 24	***			
Dewitt	2007	White	Male	Hispanic	15 to 24	***			

After selecting **Health Indicators**, **Geographic Area**, **Time Period** and **Population Demographics**, you are ready to **Get Results!**

Results are presented as a table. Above the table is the name of the indicator, the source of the data, the contact office for the data, and a brief description of the data. You also can click on the link “More information about this indicator,” which will give you a pop-up window with all of the information IQuery has about that indicator. Definitions of the rates are listed below the tables.

Below the **Get Results** are four icons that represent ways to use the results table:



Click on the “Export all tables to Excel” icon to open your spreadsheet program with data from all the tables in your results.



Click on the “Save all tables as PDF” icon to make a PDF file of the table data and open it in Adobe Acrobat Reader.



Click on the “Print Data Search Results” icon to open a new pop-up window with basic text formatting for printing.



Clicking on the “New Data Search” icon resets all your choices and starts a new data search (the same effect as clicking on the “New Data Search” button at the upper-right corner of the screen).

The Name of the Health Indicator appears in bold above each table

Source: The name of the dataset that includes this indicator, or the state agency or department that is responsible for maintaining the data

Contact: The name of the office and its telephone number (Click on this link for [More information about this indicator](#))

Description: A short description of the indicator. More information is available from the link above.

Note: The results for each indicator are presented in individual tables.

Babies born to mothers who smoke during pregnancy
 Source: IDPH Vital Statistics
 Contact: IDPH Illinois Center for Health Statistics 217-785-1064 [More information about this indicator](#)
 Description: the number of live births among mothers who smoked during pregnancy.

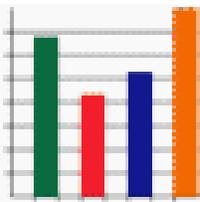


Area	Period	Race	Gender	Ethnicity	Age Range	Count	Age-adjusted Rate	LCI	UCI
Illinois	2007	ALL	ALL	ALL	ALL	15,179	119.5	117.6	121.4
Dewitt	2007	ALL	ALL	ALL	ALL	47	324.8	247.8	418.1
Illinois	2007	White	Female	Hispanic	15 to 24	133			
Illinois	2007	White	Female	Non-Hispanic	15 to 24	2,838			
Illinois	2007	White	Male	Hispanic	15 to 24	126			
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Dewitt	2007	White	Female	Hispanic	15 to 24	***			
Dewitt	2007	White	Female	Non-Hispanic	15 to 24	***			
Dewitt	2007	White	Male	Hispanic	15 to 24	***			

Note: If any of the rate or count columns have asterisks, then the rates are too small to be reported. If there are no cases (the count is equal to zero), the system will not present any data.

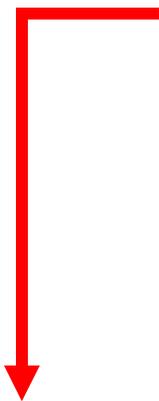


Area	Period	Count	Crude Rate	AAR (Age-adjusted Rate)	Rate Type	Lower and Upper Confidence Intervals
The areas and periods chosen in the data search. Illinois totals will be included automatically if available.		The number of events or occurrences of the indicator.	A crude rate is the number of new cases (or deaths) occurring in a specified population per year. Age-adjustment is a statistical process applied to rates of disease, death, injuries or other health outcomes which allows communities with different age structures to be compared. Rates are calculated and presented above if the data is available to calculate them. If the column for rates above is blank, then no rate data is available.			A confidence interval is a range around a measurement that conveys how precise the measurement is. See Glossary for more information.



Display Graphs for This Table: Clicking on the graph icon brings up a new window with a bar graph of the data for a single indicator. If your table has multiple indicators, you must return to the tabular results to graph each individual indicator.

A simple data search — one indicator, one county, three years — results in a simple table, like the one below.



Deaths by accidents
 Source: Illinois data from IDPH and national data from NCHS Vital Statistics System.
 Contact: IDPH Illinois Center for Health Statistics 217-785-1064 [More information about this](#)



Area	Period	Count	Age-adjusted Rate	LCI	UCI
Illinois	2005	4,157	32.9	31.9	33.9
Illinois	2006	4,401	34.5	33.5	35.6
Illinois	2007	4,319	33.7	32.7	34.7
Adams	2005	23	29.7	17.3	47.6
Adams	2006	21	25.3	13.9	42.5
Adams	2007	26	32.5	19.3	51.3

The resulting graph gives you additional tools to look at the data results.

Tip: If necessary, scroll down the window to see all of the ways you can manipulate the graph.

Tip: Click-grab the bottom-right corner of the window and pull down and to the right to expand the window to show all of the graph choices.

Age Adjusted Rate of "Deaths by Accidents" in Adams County and State of Illinois (2005, 2006, 2007)

Reporting Period	Illinois	Adams
2005	6.4	5.6
2006	6.9	4.9
2007	6.5	6.1

Source: Illinois data from IDPH and national data from NCHS Vital Statistics System.
 Contact: IDPH Illinois Center for Health Statistics 217-785-1064
 Description: The number of deaths by accidents.

More information about this indicator | How to use graphical result page | Give your feedback

Area: Adams (hold Ctrl key for multiple selections) | Period: 2005, 2006, 2007

Compare:
 Compare Geographic Area by Reporting Period
 Compare Reporting Period by Geographic Area

State Count:
 Crude Rate
 Age Adjusted Rate
 Total Count
 Demographic Count

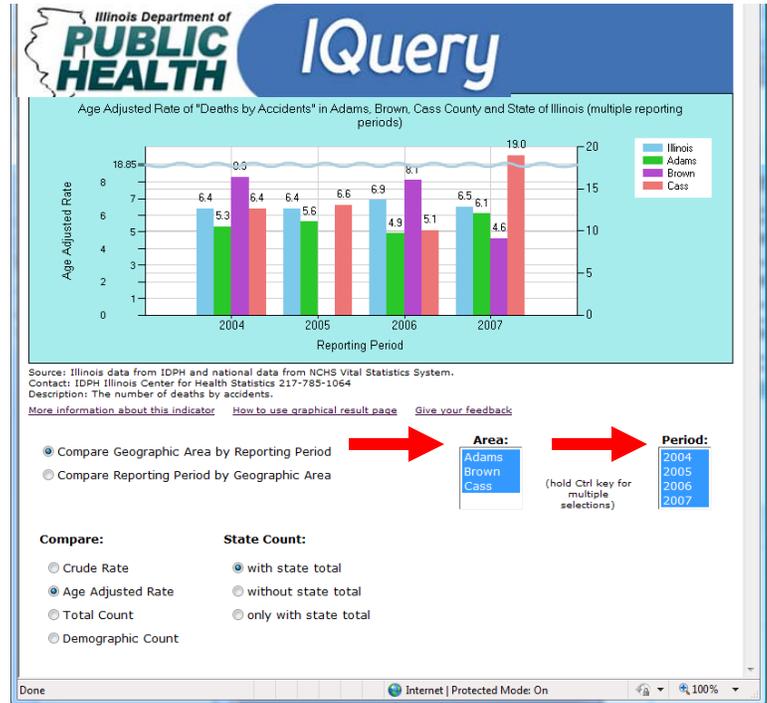
State Count:
 with state total
 without state total
 only with state total

Deaths by Accidents
Source: Illinois data from IDPH and national data from NCHS Vital Statistics System.
Contact: IDPH Illinois Center for Health Statistics 217-785-1064
Description: The number of deaths by accidents.

Area	Period	Crude Rate	Age-Adjusted Rate	Rate Type	Race	Gender	Count
Illinois	2004	22.2	6.4	Per 100,000			4,077
Adams	2004	24.5	6.3	Per 100,000			23
Adams	2004				Black	Male	1
Adams	2004				White	Female	10
Adams	2004				White	Male	12
Brown	2004	44.1	6.3	Per 100,000			3
Brown	2004				White	Male	3
Cass	2004	22.4	6.4	Per 100,000			4
Cass	2004				White	Female	1
Cass	2004				White	Male	3
Illinois	2005	22.7	6.4	Per 100,000			4,187
Adams	2005	24.4	6.6	Per 100,000			23
Adams	2005				Black	Male	1
Adams	2005				White	Female	8
Adams	2005				White	Male	14
Cass	2005	24.7	6.6	Per 100,000			3
Cass	2005				White	Female	2
Cass	2005				White	Male	1
Illinois	2006	24.5	6.6	Per 100,000			4,400
Adams	2006	21.4	4.9	Per 100,000			21
Adams	2006				Black	Female	1
Adams	2006				White	Female	8
Adams	2006				White	Male	12
Brown	2006	50.5	6.1	Per 100,000			6
Brown	2006				White	Female	2
Brown	2006				White	Male	4
Cass	2006	29.5	6.1	Per 100,000			4
Cass	2006				White	Female	4
Illinois	2007	22.7	6.5	Per 100,000			4,318
Adams	2007	28.9	6.1	Per 100,000			26
Adams	2007				Black	Male	1
Adams	2007				White	Female	13
Adams	2007				White	Male	10
Brown	2007	12.3	4.9	Per 100,000			1
Brown	2007				White	Male	1
Cass	2007	103.0	19.0	Per 100,000			24
Cass	2007				White	Female	6
Cass	2007				White	Male	8

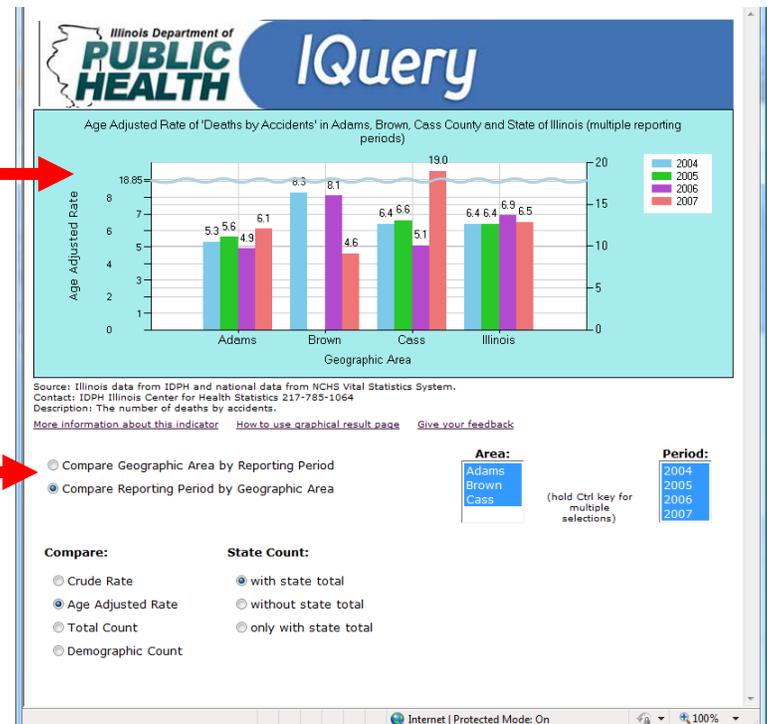
A crude rate is the number of new cases (or deaths) occurring in a specified population per year. Incidence is a statistical process applied to rates of disease, death, injury or other health outcomes which allow us to take the individual and aggregated data from a data set and make it comparable to other data sets.

This data search example — one indicator, three counties, three years, race and gender — results in a large table that may be easier to understand as a graph.

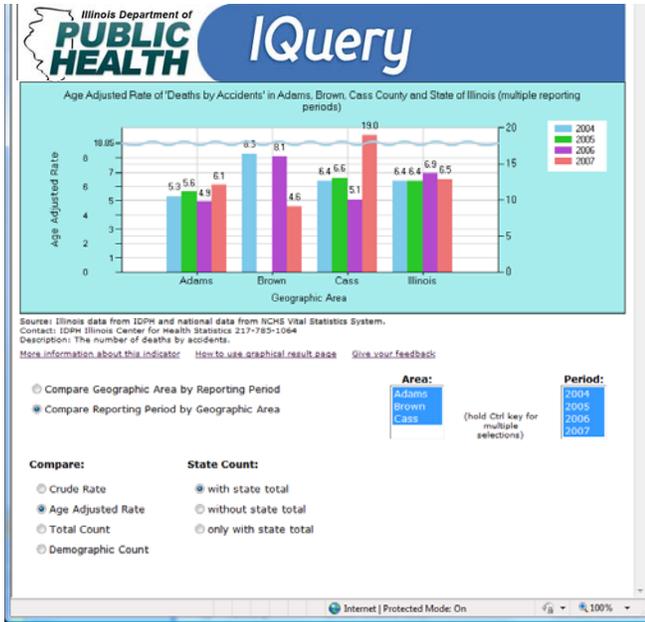


The default graph (the one usually shown at first) shows the age-adjusted rate for the selected **Health Indicator** over all of the selections for **Geographic Area** and **Time Period**.

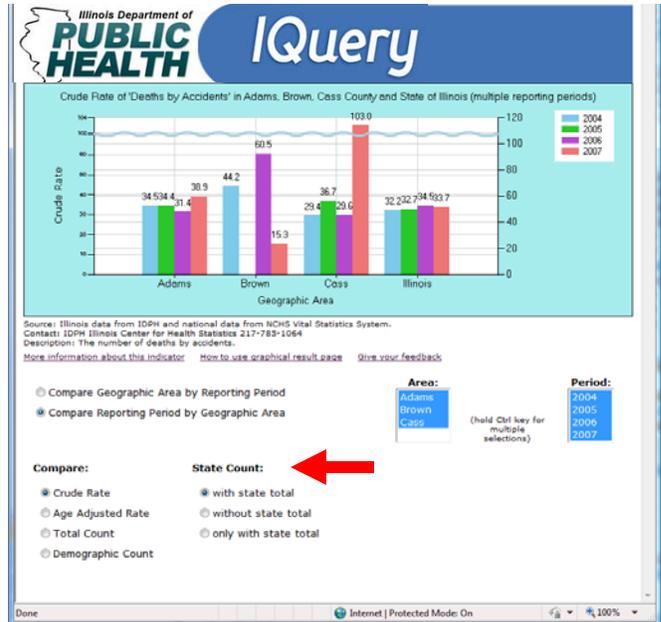
Note: The wavy blue line indicates a change in the vertical scale of the graph.



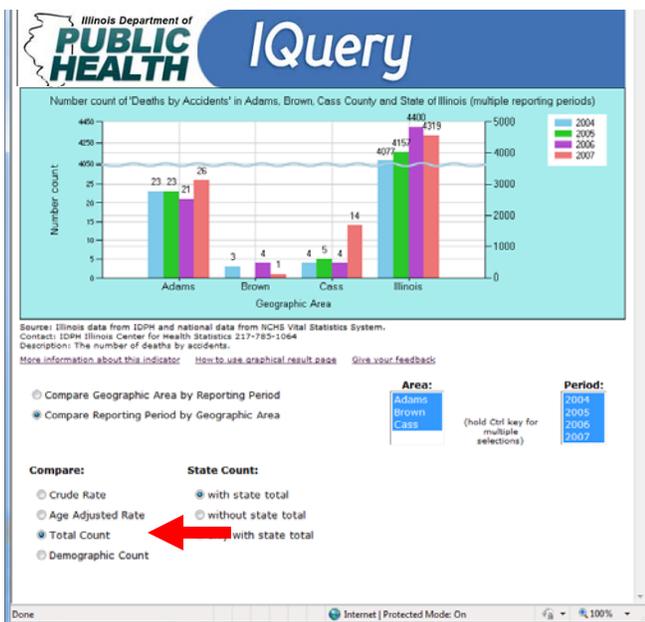
You can compare the areas by period, or compare the periods by area, by clicking on the radio buttons under the graph.



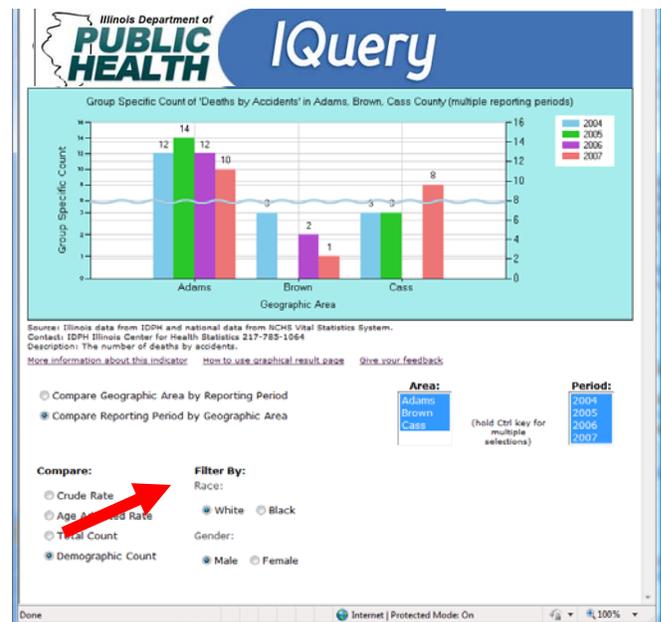
The default graph (the one usually shown at first) shows the age-adjusted rate for the selected **Health Indicator** over all of the selections for **Geographic Area** and **Time Period**.



You also can view the data as a crude rate by clicking on a radio button under **Compare**. If the data includes a state total, that is included in the graph by default; this can be de-selected under "State Count."

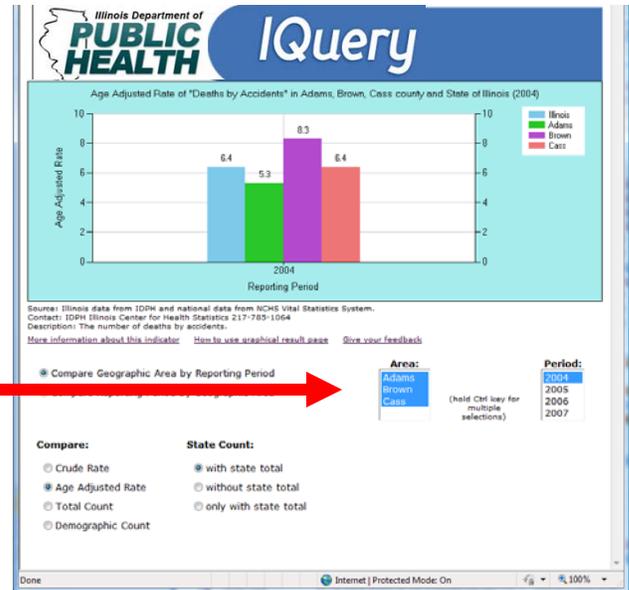


Counts are the actual number of cases for a particular **Health Indicator**.

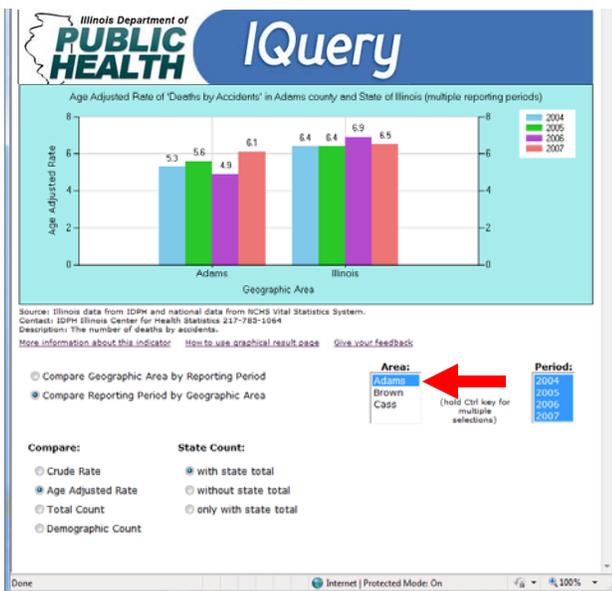


If you had selected "Show Detail" in any of the **Population Demographic** categories, you will have the option of viewing the different counts by your demographic choices.

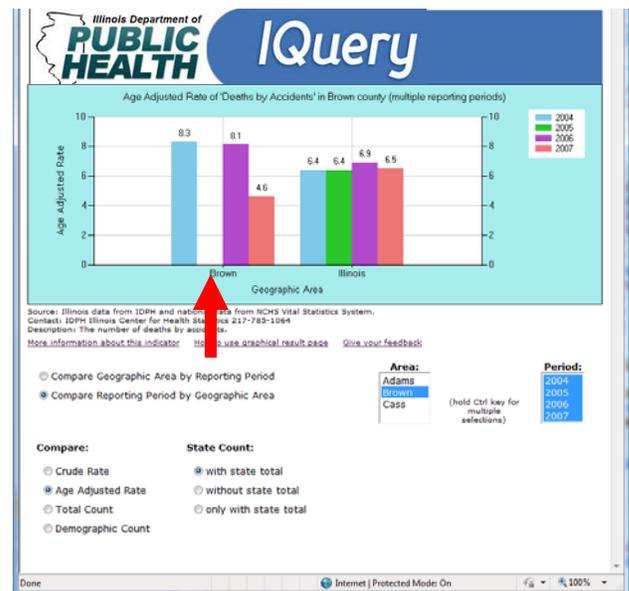
Very Important Tip: Select and de-select different choices under the Area and Period list boxes by holding down the “CTRL” key on your keyboard while clicking with the left button of your computer’s mouse.



In this example, the user is viewing all three of the areas (counties) from the data search, but only one of the periods (years).



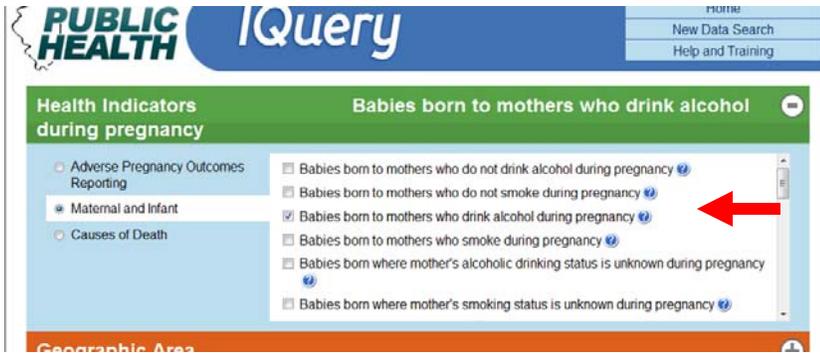
In this example, the user is viewing all four of the periods (years) from the data search, but only one of the areas (counties). You also have the option to show the data in comparison to a state total or not.



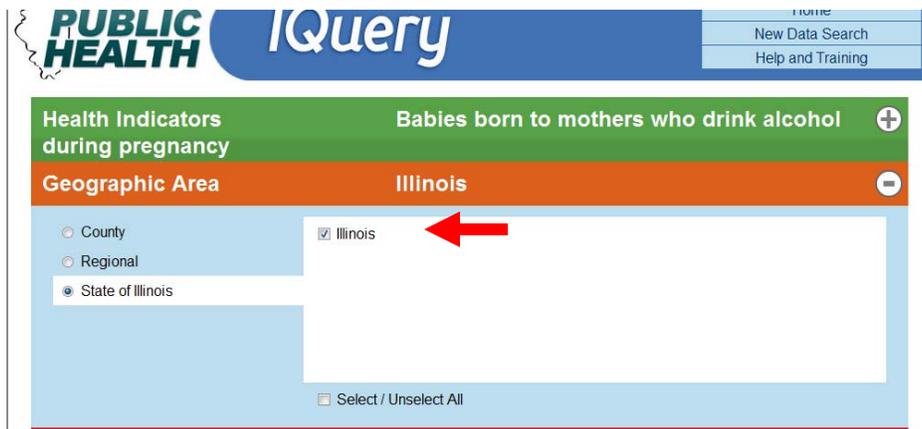
Note in the example above that there is a gap in the data for Brown County in 2005. If the data shows no counts for a particular combination of indicator/area/period, then a rate cannot be calculated and the space for that value is empty.

Step-by-Step Data Search Example #1

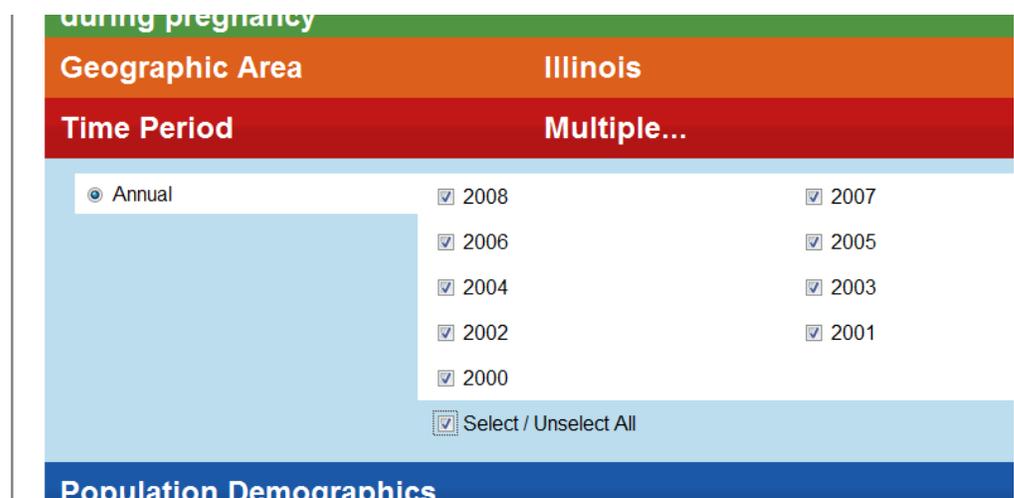
Click on “New Data Search” button to reset all the selections.



Scroll down to, and select, “Babies born to mothers who drink alcohol during pregnancy.”



Select “State of Illinois.”



Click on “Select/Unselect All” to select all years.

In this example, make no selections for **Population Demographic** detail.
Then click on **Get Results**.

Babies born to mothers who drink alcohol during pregnancy

Source: IDPH Vital Statistics

Contact: IDPH Illinois Center for Health Statistics 217-785-1064 [More information about this indicator](#)



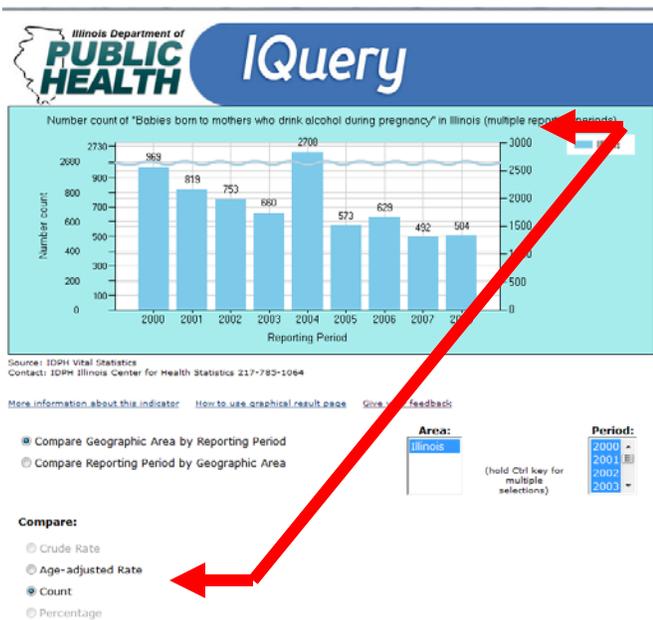
Area	Period	Count	Age-adjusted Rate	LCI	UCI
Illinois	2000	969	7.6	7.1	8.1
Illinois	2001	819	6.5	6.0	6.9
Illinois	2002	753	6.0	5.5	6.4
Illinois	2003	660	5.3	4.9	5.7
Illinois	2004	2,708	21.6	20.8	22.4
Illinois	2005	573	4.6	4.2	5.0
Illinois	2006	629	5.1	4.7	5.4
Illinois	2007	492	3.9	3.6	4.3
Illinois	2008	504	4.1	3.7	4.4

Age-adjustment is a statistical process applied to rates of disease, death, injuries or other health outcomes which allows communities with different age structures to be compared. Age-adjusted Rate is expressed as the number of cases Per 100,000 Population (US 2000 std) with 95% confidence level.

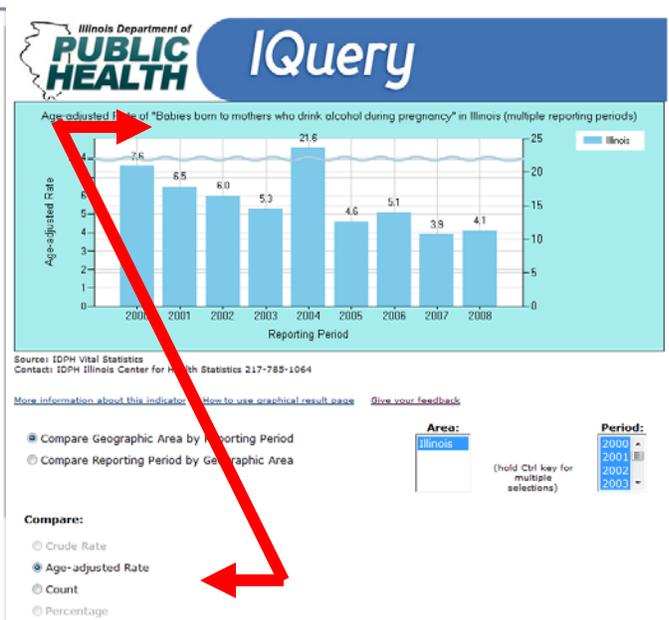
If a result is ***, it means that the value is small and is suppressed to ensure confidentiality and meaningful data.

The resulting table displays the counts and the age adjusted rate, along with an upper and lower confidence level. Above the table is information about your data search selections. Below the table are explanatory notes about the rate methodology and data display. More information is available about the health indicator itself at the underlined link above.

Note: The title of the graph changes according to the selections you make below.



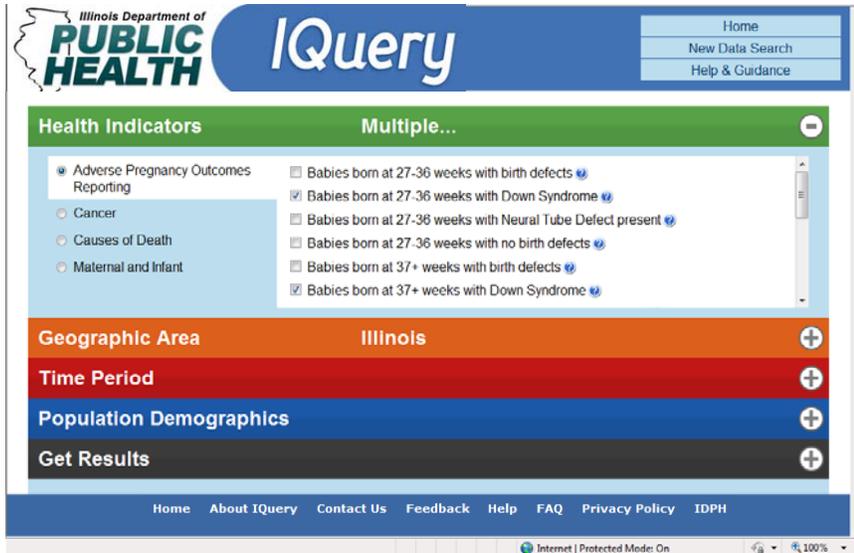
This bar graph displays counts for the data indicator you selected, by years.



This bar graph displays age-adjusted rates for the years and geographic area you selected.

Step-by-Step Data Search Example #2

Click on “New Data Search” button to reset all the choices.



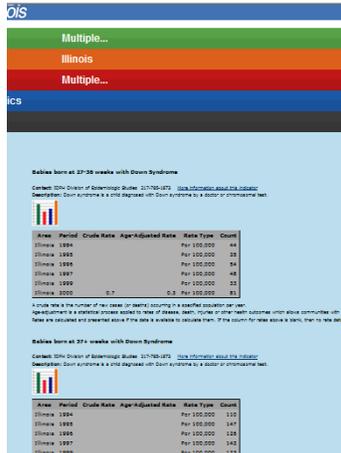
Health Indicators: Select “Adverse Pregnancy Outcomes Reporting.” Scroll down the list to select the four Health Indicators related to Down Syndrome.

Geographic Area: Select “State of Illinois” (the only choice).



Time Period: Click on “Select/Unselect All” to select all years.

There are no **Population Demographics** details at the “State of Illinois” level for this indicator because these details are not present in the data. Therefore, continue by clicking on **Get Results**.

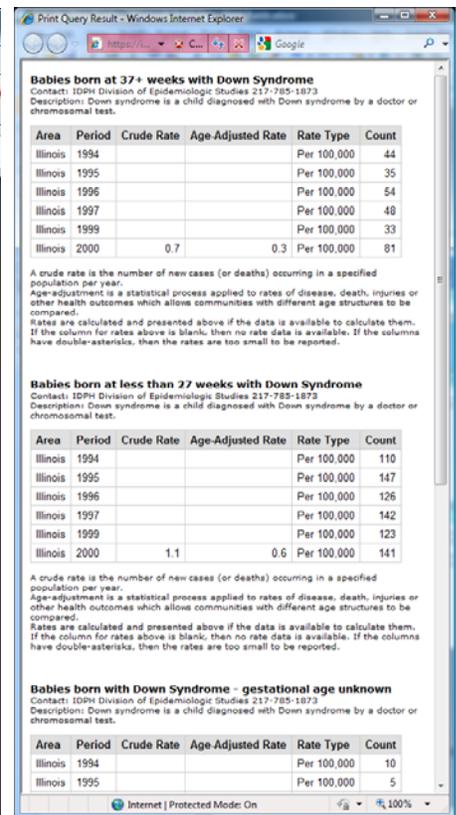
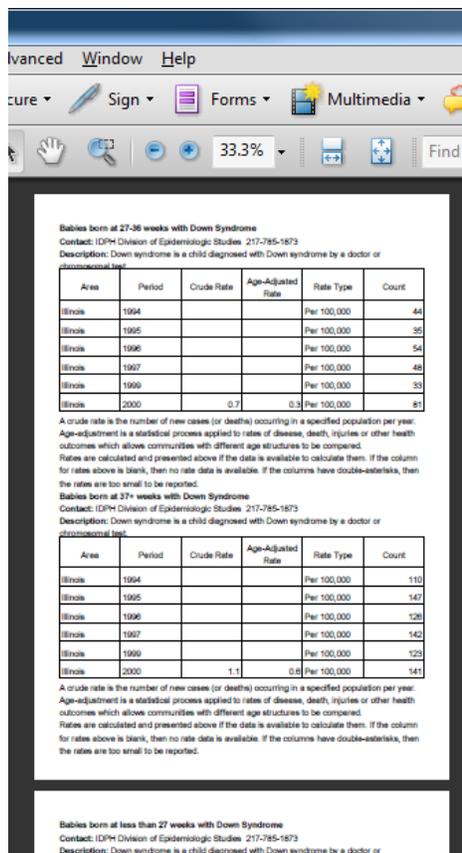
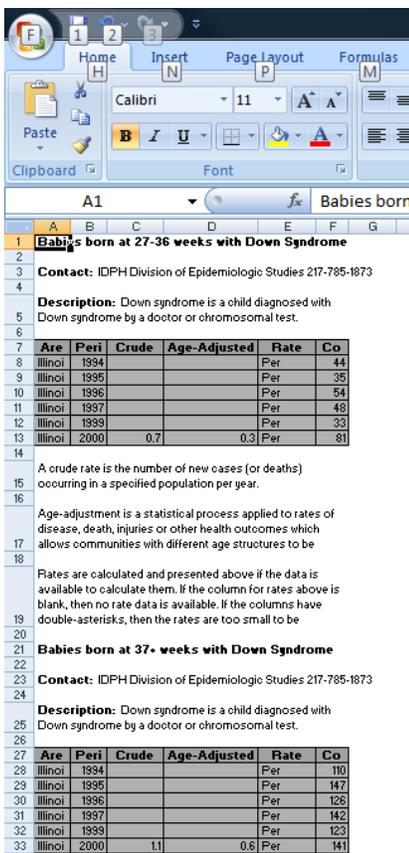


After you have clicked on Get Results, you have the choice to export all tables to Excel, save the tables as a PDF, or print the tables. The information is the same in each case, but the formatting is slightly different.

Export all tables to Excel

Save all tables as PDF

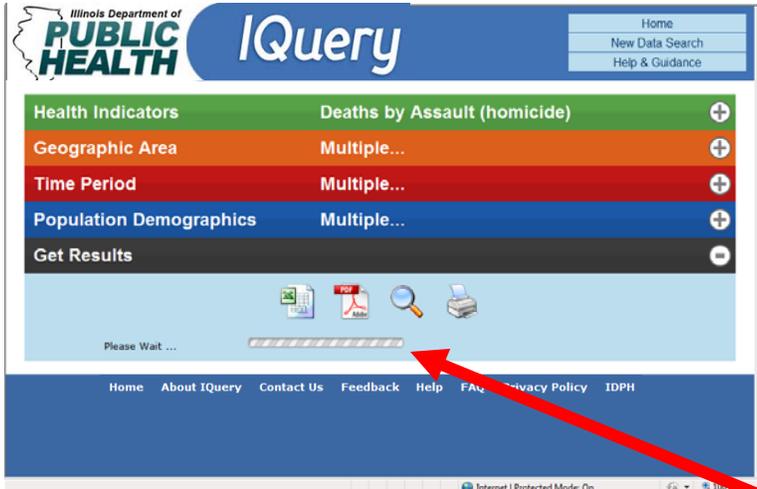
Print all tables



Tip: When you click on "Export all tables to Excel," your computer will ask if you want to open or save this file. You can choose either, and answer "yes" to the follow-up question if you choose to save.

Step-by-Step Data Search Example #3

Click on “New Data Search” button to reset all the choices.



Health Indicator: Select “Causes of death,” then “Death by Assault (homicide).”

Geographic Area: Select “County,” then Adams, Bureau, Cook and Dekalb.

Time Period: Select “Annual,” then 2004, 2005, 2006, 2007.

Population Demographics: Select all choices in all Population Demographics categories.

Get Results: Click it!

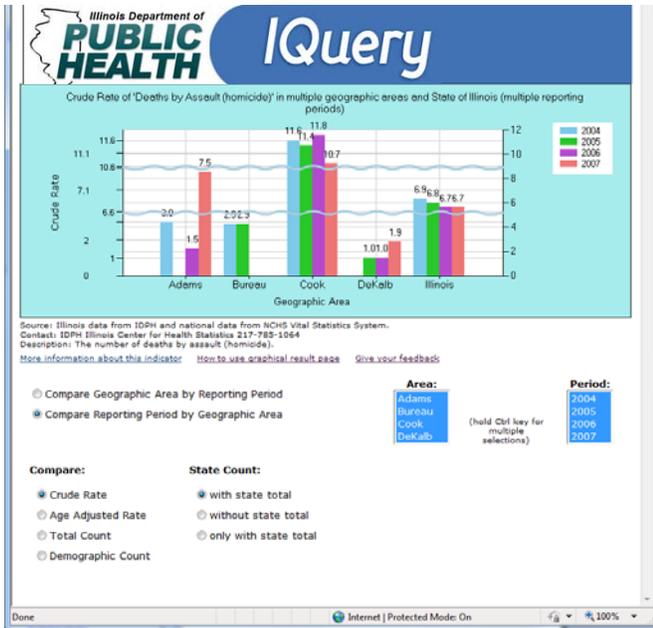
Note: More selections in the Data search choices require more time for the system to return the results. You may see a horizontal indicator which means that the data search is running. Please wait.

Deaths by accidents

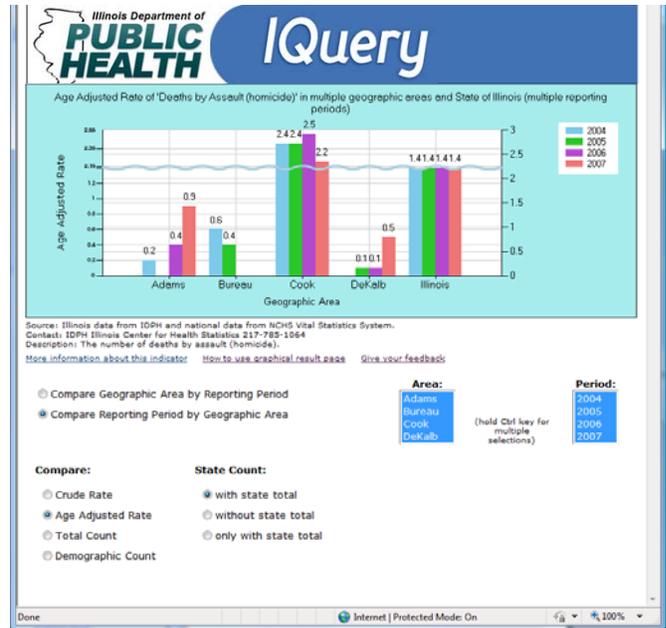
Source: Illinois data from IDPH and national data from NCHS Vital Statistics System.
 Contact: IDPH Illinois Center for Health Statistics 217-785-1064 [More information about this indicator](#)
 Description: The number of deaths by accidents.

Area	Period	Race	Gender	Ethnicity	Age Range	Count	Age-adjusted Rate	LCI	UCI
Illinois	2004	ALL	ALL	ALL	ALL	4,078	32.4	31.5	33.4
Illinois	2005	ALL	ALL	ALL	ALL	4,157	32.9	31.9	33.9
Illinois	2006	ALL	ALL	ALL	ALL	4,401	34.5	33.5	35.6
Illinois	2007	ALL	ALL	ALL	ALL	4,319	33.7	32.7	34.7
Adams	2004	ALL	ALL	ALL	ALL	23	28.0	15.6	46.1
Bureau	2004	ALL	ALL	ALL	ALL	13	34.0	17.0	60.8
Cook	2004	ALL	ALL	ALL	ALL	1,474	28.0	26.5	29.4
Dekalb	2004	ALL	ALL	ALL	ALL	21	23.5	15.2	34.6
Adams	2005	ALL	ALL	ALL	ALL	23	29.7	17.3	47.6
Bureau	2005	ALL	ALL	ALL	ALL	16	39.0	19.4	69.7
Cook	2005	ALL	ALL	ALL	ALL	1,542	29.3	27.9	30.8
Dekalb	2005	ALL	ALL	ALL	ALL	33	35.9	25.5	49.0
Adams	2006	ALL	ALL	ALL	ALL	21	25.3	13.9	42.5
Bureau	2006	ALL	ALL	ALL	ALL	28	77.7	50.7	113.8
Cook	2006	ALL	ALL	ALL	ALL	1,790	34.0	32.4	35.5
Dekalb	2006	ALL	ALL	ALL	ALL	34	34.0	23.8	47.0
Adams	2007	ALL	ALL	ALL	ALL	26	32.5	19.3	51.3
Bureau	2007	ALL	ALL	ALL	ALL	14	33.7	16.2	62.0
Cook	2007	ALL	ALL	ALL	ALL	1,488	28.3	26.8	29.7
Dekalb	2007	ALL	ALL	ALL	ALL	36	37.7	27.4	50.6
Illinois	2004	Black	Female	Non-Hispanic	0 year old	***			
Illinois	2004	Black	Male	Hispanic	0 year old	***			
Illinois	2004	Black	Male	Non-Hispanic	0 year old	***			
Illinois	2004	White	Female	Hispanic	0 year old	***			
Illinois	2004	White	Male	Hispanic	0 year old	***			
Illinois	2004	White	Male	Non-Hispanic	0 year old	17			
Illinois	2004	Black	Female	Non-Hispanic	1 to 4	***			
Illinois	2004	Black	Male	Non-Hispanic	1 to 4	***			
Illinois	2004	White	Female	Hispanic	1 to 4	***			

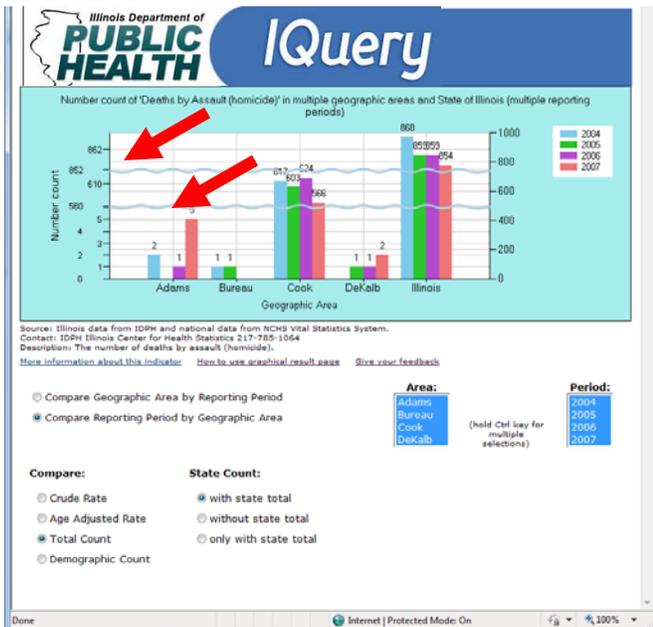
IQuery only displays selections that have data. In this example, Adams and Bureau counties have a small number of results, because they have a small number of counts (homicides). Crude and age-adjusted rates are calculated for the state and for counties, but not for the demographic counts.



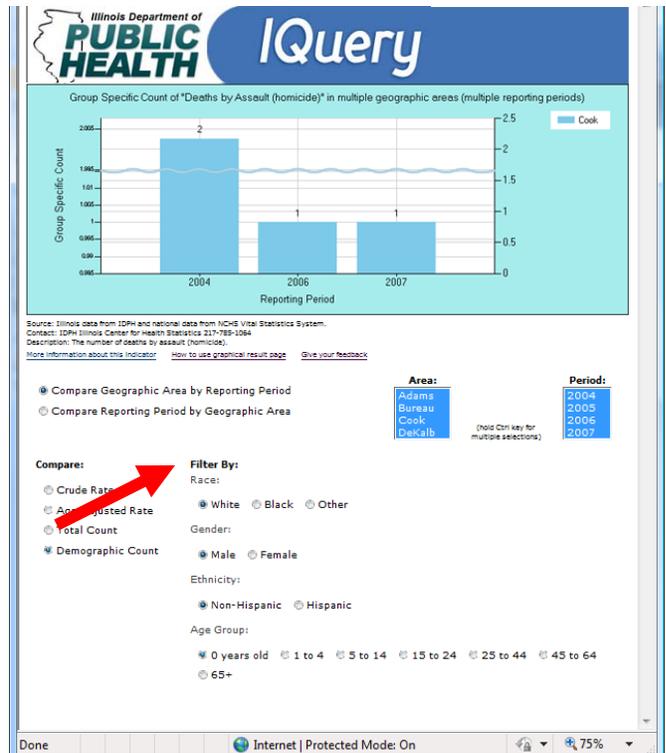
This bar graph displays the crude rates for four counties by **Geographic Area** (counties and the state of Illinois).



This bar graph displays the age-adjusted rate for four counties by **Geographic Area** (counties and the state of Illinois).



This graph has two wavy lines because the counts for the state of Illinois and one county are at a different numerical scales.



Selecting **Population Demographics** in the data search page provides additional choices on the graph page to display demographic details.

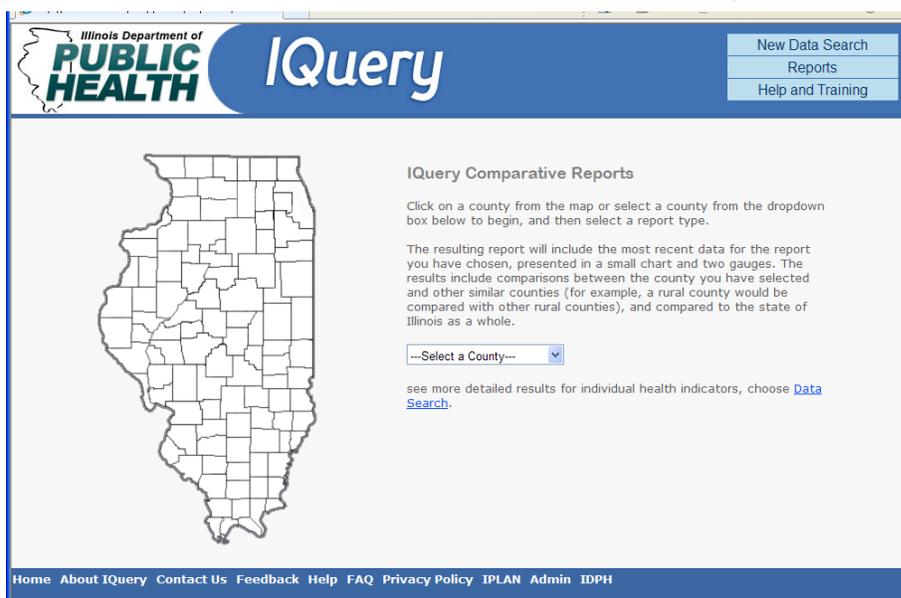
IQuery Reports Module

Visual Step-by-Step Guide

IQuery now offers you the ability to run reports based on the indicators that are available within IQuery. IQuery Reports are created by data managers within the Illinois Department of Public Health, representing the data determined to be most useful to the regular user.

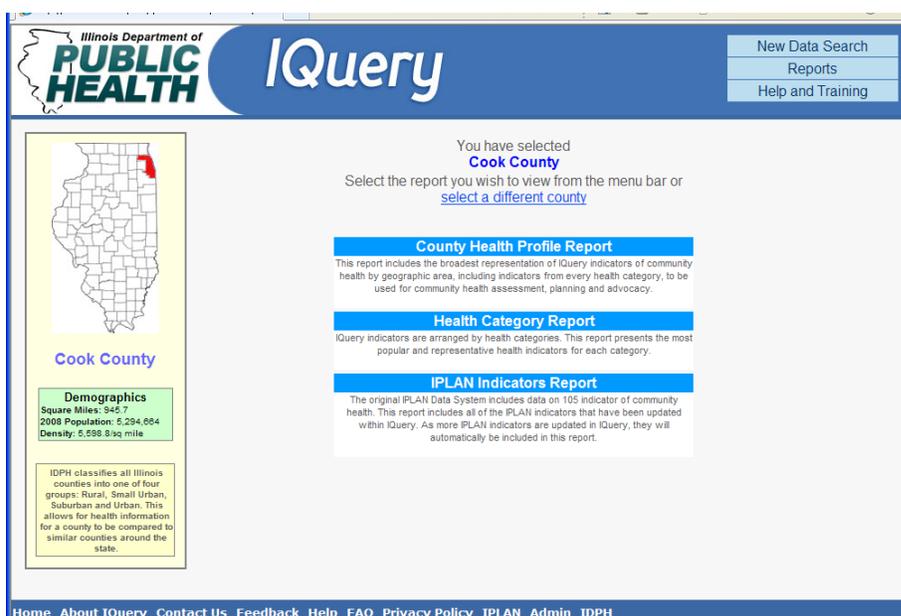
Tip: For more detailed control of the indicators and the way the data is presented, please use the IQuery data search function.

To begin using IQuery Reports, select an Illinois county by choosing from the drop-down menu or by clicking on the county map.



After selecting a county, you will have the option of choosing between three Reports. Each one has a short description of the report beneath it.

Tip: Basic demographics for the selected county are presented next to the reports selection page.



Understanding the IQuery Report Layout

For this example, choose “Cook County” and then “County Health Profile Report” These selections will display the “Cook County Health Profile Report.”

Tip: For every indicator in any report, IQuery presents the most recent data available. If the data is reported in a range of multiple years, it will be the most recent range of years.

You may select a different county using the same report

You may select a different report using the same county

The title of the report and a brief description

The name of each indicator and a brief description

The graph presents two comparisons: to similar counties, and to the state of Illinois as a whole. In this example, the county is Cook, so the comparison is to other urban counties.

The graph presents as much data as is available within IQuery. Please see the Visual Step-by-Step Guide to IQuery for explanations of the various data elements, but some or all of these data items may be displayed within the IQuery Reporting Module: unduplicated count, percentage, crude rate, age-adjusted rate, and confidence intervals.

Select a different county >> Select a different report

Cook 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.

Babies born at 37+ weeks with an adverse pregnancy outcome
 An adverse pregnancy outcome is one that meets the APORS case definition. Babies with birth defects, very-low birth weights (less than 1500g), serious congenital infections, prenatal exposure to controlled substances, other serious conditions, or who died either before delivery (fetal deaths) or during the newborn stay are included. [More Information](#)

	Count	%	Crude Rate	AJR	LCI	UCI	CI
Cook	10541	2.8%	39.3				
Urban Counties	10541	0.0%	39.3				
Illinois	22661	2.8%	36.3				

Reporting Period: 1999-2003
 Contact: IDPH Division of Epidemiologic Studies 217-785-1873

Babies born at less than 27 weeks
[More Information](#)

	Count	%	Crude Rate	AJR	LCI	UCI	CI
Cook	586		0.0	0.0	0.0	0.0	95%
Urban Counties	586		0.0	0.0	0.0	0.0	95%

Legend: better (green), worse (red)

Peer County Comparison: Cook county compared to Urban Counties (crude rate) - Needle in green.

State Comparison: Cook county compared to Illinois (crude rate) - Needle in green.

Peer County Comparison: State Comparison - Blank.

The legend is a visual representation of the health status of the county for this indicator compared to the peer counties and to the state as a whole. If the county results are better than the peer counties or than the state average, then the result is positive, and is graphed into the green. If the county results are worse than the peer counties or the state average, then the result is in the red. If the needle is in the middle, then the selected county is about equal to the peer counties or the state results.

Tip: As more data becomes available within IQuery itself, the reports will become richer and more detailed as well.

IQuery reports are subject to the same data suppression standards as the IQuery data search. For the purposes of maintaining confidentiality or data quality standards, the presentation of data may be suppressed. If that occurs within the reporting module, the legend (and possibly the graph) may be blank.

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About IQuery

Funding and Governance of IQuery

IQuery is Illinois Query, a web-based data query system for collecting and disseminating public health data. IQuery is a project of the [Illinois Health Data Dissemination Initiative \(IHDDI\)](#), a coalition of seven agencies of the state of Illinois:

- [Department on Aging](#)
- [Department of Children and Family Services](#)
- [Department of Healthcare and Family Services](#)
- [Department of Human Services](#)
- [Department of Public Health](#)
- [Environmental Protection Agency](#)
- [State Board of Education](#)

The Illinois Department of Public Health is the leading agency in the IHDDI. The Illinois Public Health Institute is its agent for project management. A primary goal of IHDDI is to expand the IPLAN Data System by adding more indicators and offering new tools for searching, presenting and analyzing public health data. The expanded IPLAN Data System will become part of IQuery.

IQuery is funded in part by a five-year grant to the Illinois Department of Public Health from the [Assessment Initiative of the U.S. Centers for Disease Control and Prevention](#). Eventually, each agency represented on IHDDI will make its health data available through IQuery.

We welcome your suggestions and comments [directly](#) or on our [Feedback](#) page.

Disclaimer

While the Illinois Department of Public Health makes every effort to post accurate and reliable information, it does not guarantee or warrant that the information on this Web site is complete, accurate or up-to-date. The Illinois Department of Public Health assumes no responsibility for the use or application of any posted material. This Web site is intended solely for the purpose of electronically providing the public with general health-related information and convenient access to data resources. The Illinois Department of Public Health assumes no responsibility for any error, omissions or other discrepancies between the electronic and printed versions of documents.

The Illinois Department of Public Health cannot provide individual advice or counseling, whether medical, legal, or otherwise. If you are seeking specific advice or counseling, you should contact a licensed practitioner or professional, a social services agency representative, or an organization in your local community.

The Illinois Department of Public Health Web site links to other Web sites maintained by other entities. Reasonable precautions are taken to link only to those sites that are appropriate, accurate and maintained by reputable organizations. However, those Web pages are not under the Illinois Department of Health's control and the Illinois Department of Public Health is not responsible for the information or opinions expressed in those linked sites.

What's New and Upcoming

Winter 2010
The first public release of IQuery is anticipated. Outreach, demonstration and training activities will accompany the release.

Spring 2011
We anticipate releasing additional data, organized by more local geographies, such as Illinois cities and townships, and Chicago community areas.

Summer 2011
We anticipate new reporting tools and a library of reports that will be available by convenient geographies, including an "IPLAN Report" that will aid local health departments working on their IPLANs.

Web-based Data Query System Development Roadmap

IQuery is a web-based data query system (VDQS), expanding the amount and types of public health data, and adding new tools for searching, presenting and analyzing public health data.

2008	Hire staff, develop software requirements.
2009	Develop database design, data transfer and storage formats, front-end design.
Spring 2010	Complete design and initial development, release Beta Test.
Summer 2010	Analyze Beta Test, implement change requests, back-end design.
Winter 2010	First public release, with health indicators from Vital Statistics, Cancer Registry, Maternal and Child Health, PRAMS and Demographics; Tools include tabular and graphical results.
Spring 2011	Release Reporting Module with dynamic and static reports, including IPLAN Report and Community Health Profile.
Summer 2011	Add additional datasets to existing system, augment data layout and design to accommodate.

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This page includes basic information about IQuery, including

- its origins in the Illinois Health Data Dissemination Initiative (IHDDI), a project funded by the U.S. Centers for Disease Control and Prevention Assessment Initiative;
- a listing of the seven agencies that make up the IHDDI and which will eventually contribute data to the system;
- a list of upcoming revisions to IQuery and the overall project timeline;
- and a disclaimer concerning the nature of using public health data provided by IQuery.



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IQuery is the new web-based data query system to collect and disseminate public health data in Illinois.

IQuery is a project of the [Illinois Health Data Dissemination Initiative](#), a coalition of seven agencies of the state of Illinois, funded in part by the [United States Centers for Disease Control and Prevention](#). The IHDDI and IQuery are administered by the [Illinois Department of Public Health](#). Web system development and project management are provided by the [Illinois Public Health Institute](#).

To provide feedback about using the online system, please use our [Feedback page](#).

For questions or comments concerning the Illinois Project for Local Assessment of Needs or the Illinois Health Data Dissemination Initiative, please contact Tom Szpyrka, project administrator.

Tom Szpyrka
IPLAN Administrator
Division of Health Policy
Illinois Department of Public Health
525 W. Jefferson St., Second Floor
Springfield, IL 62761-0001
Phone: 217-782-6235
Fax: 217-785-4308
Tom.Szpyrka@illinois.gov

For questions or comments about any other aspect of IQuery, please contact Peter Eckart, project director.

Peter Eckart
Director of Health Information Technology
Illinois Public Health Institute
954 W. Washington Blvd.
Chicago, IL 60607
Phone: 312-850-4744 x12
Fax: 312-850-4040
Peter.eckart@iphionline.org

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If you have any questions, please contact us.

Feedback

The screenshot shows the IQuery Feedback form. At the top left is the Illinois Department of Public Health logo and the IQuery title. The form includes fields for First Name, Last Name, Title, Organization, Phone Number, and e-mail. A checkbox for signing up to the mailing list is highlighted with a red arrow. Below this is a dropdown menu for 'Subject of Comments' and a large text area for 'Comments (required)'. A question asks if the user searched for data not found, with a corresponding text input field. A CAPTCHA image shows the number 457341, with an input field and a 'Reload the code' button. At the bottom are buttons for 'Submit Form', 'Clear Comments', 'Print This Page', and 'Close Window'. A blue tip box on the right contains the text: 'Tip: Sign up to receive news and updates as IQuery adds new tools and health indicators.'

The development of IQuery has benefited greatly from approximately 75 public and community health professionals who participated in focus groups on the original design, reviewed early prototypes of the site, offered comments and suggestions to interim versions, and then participated in a month-long online beta test.

Many of the best ideas on how to improve the site have come from users, and we encourage you to give us your suggestions and comments on this form. There is a link to the feedback form at the bottom of almost every page in the system, so feel free to comment.

You also can sign up for the IQuery update mailing list, or request a response from project staff.

Help and Training

As IQuery is publically released, the project staff is preparing a number of different resources to help the target audiences use and benefit from the system. This page is the hub and archive for all the resources that have been and will be developed, including the latest version of this Step-by-Step Guide and a video version to walk you through your first data searches.

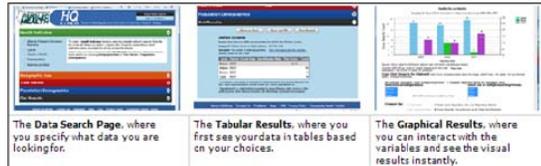
The schedule for upcoming demonstrations and trainings will be posted at this page, as well as links to archived presentations and accompanying materials.

IQuery is designed to be clear and simple to use, but the proper use of public health data is complicated. The project is compiling a list of **Frequently Asked Questions** and updating it with the latest answers. We also are maintaining a **Glossary of Terms** used on the site and their definitions.

Please use the feedback form to share your opinion of the materials, and to suggest additional resources that would be useful to you.



IQuery Help and Training



Help is available throughout the system, and we strongly encourage your feedback:

IQuery has in-system help for using the Data Search Page:

- Instructions are embedded within each "Tab" of the Data Search page (the horizontal bars on the main page for selecting different kinds of variables for your data)
- "Tooltips" definitions and descriptions are available by clicking on the question symbol when you move your mouse symbol (usually an arrow or a little hand) over a word or phrase.
- Before you begin using IQuery, you may wish to read the "Step-by-Step Guide to IQuery", which explains the part of the system in great detail, and then walk you through three examples of searching and viewing data.
- You can [Contact Us](#) directly from help from the Contact Us page.

Training and Demonstrations

IQuery will be launched by Local Health Departments (LHDs) on February 23. LHD Administrators and staff are invited to register by Monday, February 21, for one of two online training sessions (webinars) on the use of IQuery:

[Tuesday, February 22 at 2:00 pm](#)

[Wednesday, February 23 at 10:00 a.m.](#)

(To register, click on the session date.)

IQuery offers other resources within the system:

- There is a **Feedback** link on every page in IQuery. Your problem reports or comments and suggestions are vital for the maintenance and improvement of the system. Please submit your feedback for any problem you encounter, and let us know if you'd like a personal response.
- Each Health Indicator is fully explained on its **Health Indicator "Details"** page. View [the full list of Health Indicators](#), or click on the blue question mark symbol next to each Health Indicator.
- You also can browse the list of **Frequently Asked Questions** and submit a new question yourself.
- We are constantly updating the **Glossary of Terms** used in the system.



This is a screenshot of the 'Frequently Asked Questions' page on the IQuery website. The page has a header with the Illinois Department of Public Health logo and the IQuery logo. Below the header is a navigation menu with 'Home', 'New Data Search', and 'Help and Training'. The main content area is titled 'Frequently Asked Questions' and contains several questions and answers, such as 'What is IQuery?', 'Who are the expected users of IQuery?', and 'What data sets are contained in IQuery?'. At the bottom of the page is a secondary navigation menu with 'Home', 'About IQuery', 'Contact Us', 'Feedback', 'Help', 'FAQ', 'Privacy Policy', and 'IDPH'.

This is a screenshot of the 'Glossary of Terms' page on the IQuery website. The page has a header with the Illinois Department of Public Health logo and the IQuery logo. Below the header is a navigation menu with 'Home', 'New Data Search', and 'Help and Training'. The main content area is titled 'Glossary of Terms' and contains a list of terms and their definitions, such as 'Age adjusted Rate', 'Crude rate', 'Illinois Health Data Dissemination Initiative (IHDDI)', 'Meta data', 'Illinois Project for Local Assessment of Needs (IPLAN)', 'Health indicators', 'Geographic area', 'Unknown', 'Count', and 'Confidence Interval'. At the bottom of the page is a secondary navigation menu with 'Home', 'About IQuery', 'Contact Us', 'Feedback', 'Help', 'FAQ', 'Privacy Policy', and 'IDPH'.