

This series is made possible with funding from IDPH and the Community Health Assessment and Planning Grant, 2024

September 25, 2025

Vital Statistics and Records and IQuery Technical Assistance (TA) Session

IPLAN Training Webinar Series

This session is being recorded.



IPHI Training Team and IDPH Presenters

- **Samantha Lasky – IPHI**
- **Jasmine S. Deskins - IPHI**
- **Frida Fokum – IDPH**
- **John Tharp – IDPH**

Today's Training Agenda

- **Welcome and Introductions**
- **Vital Statistics and Records**
- **IQuery – Vital Statistics**
- **Q&A**
- **Closing**

Learning Objectives

Participants will be able to:

- Describe how to access IDPH vital statistics and records and IQuery data.
- Identify who to contact if they have questions about the Master Data Use Agreement or IDPH data sets.
- Review and troubleshoot questions for data stewards on the data.

Group Agreements

- Actively participate
- Take space/ Make space
- Seek to understand different perspectives.
- Allow facilitator to move conversation along
- Ask questions in the chat or raise hand
- We can "park" items we cannot address today and get back to you
- What else?





Vital Statistics and Vital Records

John Tharp, MPH | Vital Statistician | Office of Policy, Planning & Statistics

September 25, 2025

Vital Statistics - Types

- Live Births
- Deaths
- Infant Mortality Rates
- Fetal Deaths
- Abortions
- Marriages
- Divorces

Vital Statistics - Source

IDPH Vital Records

- Collects, cleans, stores, authorizes use
- LHDs may access record-level birth and death data files for their residents from Vital Records (dph.vitals@illinois.gov)


IDPH Vital Statistics

- Analyzes, produces official IDPH aggregate statistics, assists with special projects and responds to data requests
- LHDs may request aggregate vital statistics via special data request (john.tharp@illinois.gov)

Questions?


CONTACT US:

 @IDPH

 @illinoisdph

 @IDPH.Illinois

 @il-department-of-public-health

 @IDPH

 "This is Public Health" podcast

 dph.illinois.gov

Birth and Death Data in IQuery

Frida Fokum, Ph.D. | Health Statistics | Office of Policy, Planning and Statistics

September 25, 2025

What is IQuery?

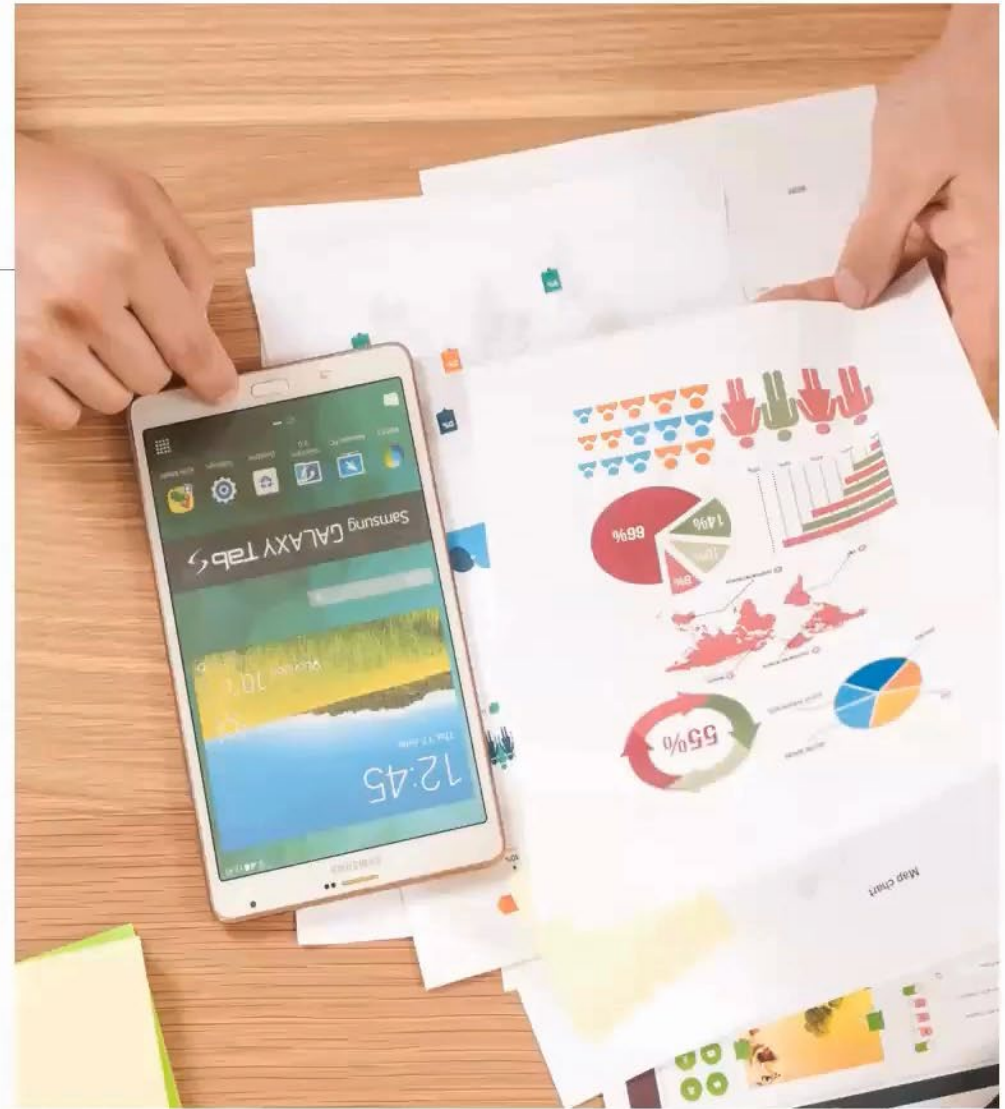
IPLAN Community Health Data System (IQuery)

Vital data source for Community Health Needs Assessment

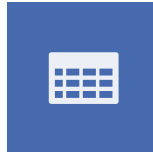
Public access Health Data

Illinois HB2039- ACCESS TO PUBLIC HEALTH DATA of January 1, 2024

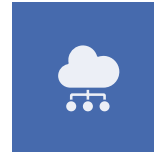
Master Data Use Agreement



Agenda



Review Purpose of IQuery



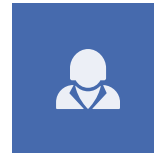
Navigate IQuery dashboard

- Birth data
- Death Data



Preview IQuery Webpage

- IQuery Dashboard



Questions and Answers



How to access IQuery Dashboard

IQuery provides essential data to support the Illinois Project for Local Assessment of Needs (IPLAN) required for local health department recertification

IQuery



Behavioral Risk Factor Surveillance System

Healthy Illinois Survey

Database & Datafile Resources Guide

EMS Data Reporting System

Epidemiology

IPLAN

IQuery

IL Health Data Portal

IL Hospital Report Card

Pregnancy Risk Assessment Monitoring System

How to Access IQuery

Hoover here

Click here



ILL

ENT OF PUBLIC HEALTH



Connecting to 

Sign in with your account to access Tableau Internal Dashboard Server



Sign In

Username

Debra.Jabang@illinois.gov

Keep me signed in

Next


[Unlock account?](#)

[Help](#)

Sign in to IQuery Dashboard

Okta Authentication

1

Connecting to 
Sign in with your account to access Tableau Internal Dashboard
Server

IL  PARTNER



Verify with your password

Password

Verify

[Forgot password?](#)

[Back to sign in](#)

Sign in to IQuery Dashboard

Okta Authentication

2

How is Data Organized in IQuery

- **Community health data indicators in IQuery dashboard are classified based on the 7 IPLAN categories as follows.**
 1. Demographic and socioeconomic status
 2. General health and access to care
 3. Maternal and Infant Health
 4. Chronic disease
 5. Infectious disease
 6. Environmental, occupational, and Injury Control
 7. Sentinel events.

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IPLAN Substantial Compliance Checklist

COMMUNITY HEALTH NEEDS ASSESSMENT

LHD Use | IDPH Use

CATEGORY	COMPLIANCE INDICATOR	Page Number	Compliance Per Rubric (NC/C)
PURPOSE	1. The statement of purpose describes how the assessment will be used to improve health in the community		
METHODS	2. The assessment includes community participation to identify community health problems and set priorities from among those health problems		
	3. The assessment includes a description of the community participation process, a list of community groups involved in the process, and the method for establishing priorities.		
ANALYSIS BY GROUPING	4. The assessment includes an analysis of data from IQuery by grouping <ul style="list-style-type: none"> a) demographic and socioeconomic characteristics b) general health and access to care c) maternal and child health d) chronic disease e) infectious disease f) environmental/occupational/injury control g) sentinel events 	a) b) c) d) e) f) g)	a) b) c) d) e) f) g)
	5. The assessment includes a description of the health problems most meaningful for the community by grouping <ul style="list-style-type: none"> a) demographic and socioeconomic characteristics b) general health and access to care c) maternal and child health d) chronic disease e) infectious disease f) environmental/occupational/injury control g) sentinel events 	a) b) c) d) e) f) g)	a) b) c) d) e) f) g)

What Birth Indicators are in IQuery?

- Alcohol
- Birthweight
- Kotelchuck Index (Adequacy of Prenatal Care Utilization)
- Live birth
- Method of delivery
- Prenatal care
- Smoke
- Teen
- WIC Participant.

Note Kotelchuk Index uses two crucial elements obtained from birth certificate data: when prenatal care began (initiation) and the number of prenatal visits from when prenatal care began until delivery (received services)

What Death Indicators are in IQuery?

- ❖ All cause of death
- ❖ Prenatal care
- ❖ accidents
- ❖ acute bronchitis and bronchiolitis
- ❖ Alzheimer's disease
- ❖ anemias
- ❖ aortic aneurysm and dissection
- ❖ assault (homicide)
- ❖ atherosclerosis
- ❖ cerebrovascular diseases
- ❖ certain conditions originating in the perinatal period
- ❖ cholelithiasis and other disorders of gallbladder
- ❖ chronic liver disease and cirrhosis
- ❖ chronic lower respiratory diseases
- ❖ complications of medical and surgical care
- ❖ congenital malformations, deformations, and chromosomal abnormalities
- ❖ COVID-19
- ❖ diabetes mellitus
- ❖ diseases of appendix
- ❖ diseases of heart
- ❖ enterocolitis due to clostridium difficile
- ❖ essential hypertension and hypertensive renal disease
- ❖ hernia
- ❖ human immunodeficiency virus (HIV) disease
- ❖ hyperplasia of prostate
- ❖ in situ neoplasms, benign neoplasms, and neoplasms of uncertain or unknown behavior
- ❖ infections of kidney
- ❖ inflammatory diseases of female pelvic organs
- ❖ influenza and pneumonia
- ❖ intentional self-harm (suicide)
- ❖ legal intervention
- ❖ malaria
- ❖ malignant neoplasms
- ❖ meningitis
- ❖ meningococcal infection
- ❖ nephritis, nephrotic syndrome, and nephrosis
- ❖ nutritional deficiencies
- ❖ operations of war and their sequelae
- ❖ Parkinson's disease and chemical effects
- ❖ peptic ulcer
- ❖ pneumoconiosis
- ❖ pneumonitis due to solids and liquids
- ❖ pregnancy, childbirth, and the puerperium
- ❖ salmonella infections
- ❖ scarlet fever and erysipelas
- ❖ septicemia
- ❖ shigellosis and amebiasis
- ❖ syphilis
- ❖ tuberculosis
- ❖ viral hepatitis
- ❖ whooping cough
- ❖ Other causes
- ❖ Life Expectancy at birth


How to Access IQuery dashboard Live Demo

At this point, please stick with me as I demonstrate how to navigate the IQuery dashboard.


Questions?


CONTACT US:

 @IDPH


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 @IDPH.Illinois

 @il-department-of-public-health

 @IDPH

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Thank you!

Be on the look out for info on the 2025 IPLAN training series!