IBIS-PH Query System
Utah’s Indicator-Based Information System for Public Health
(ibis.health.utah.gov)
February 16, 2017

Only query system
Advanced users are those who know what information they are looking for and what dataset they need to get information from.

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- The IBIS Query system allows members of the general public to access public health data sets and generate query results based on their specifications.
- The query interface guides users step by step to get the data table result.
- Provide help text to help user to understand how query is defined.
- Suppress small cells to prevent data confidential issues.

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For advanced users, we provide
1. Public data portal - open to general public to access for public health information.
2. Secure data portal - open to users who have been granted the access to certain datasets or specific Local Health Districts.
3. “My Queries” or “My Data” - store two types of information:
   - Secure data modules assigned to users
   - Saved queries users have saved so that users wouldn’t need to build the same query again and again.
Data Queries:

This page lists what are available on public data query portal:
Data Queries:

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From this page, Users are allowed to choose a dataset and build customized query on that dataset to get the information they need. Majority of data are updated annually. Also there are some updated monthly or daily.
Data Queries:

How to build a query from selecting a dataset?

• First, select a dataset
Data Queries:

Second to select a statistic
Data Queries:

A Data Use Agreement will pop up the first time a user selects a module. Users must agree to use the data for statistical reporting and analysis only, avoiding any attempt to identify individuals represented in the data.
Data Queries:

Third to build a query fitting your need step by step:

This page allows users to

- select specific filters
- limit the data within the range you selected
- display result by up to two variables
- Display result by chart or map
**Data Queries:**

**“How to display data” step:**

- Choose how to display data result up to two variables
- Choose how to display data result by map and chart
- Please note: to display map user must select “Geographic Area” in category by and “None” in series by…
Data Queries:

Result page shows:

- Filter criteria. How data has been subset for users query definition.
- Data table
Data Queries:

A few nice features shown on the query result page:

- Metadata
- Export to Excel
- Chart option
Data Queries:

A few nice features shown on the query result page:

1. Query metadata: data notes, data sources, data issues, and query date and time.
Data Queries:

A few nice features shown on the query result page:

1. Data output to Excel: directly saved in Excel in user selected file folder
Data Queries:

A few nice features shown on the query result page:

Display result by selected chart type.
Data Queries:

A few nice features shown on the query result page:

Display result by map
Secure Data

Secure data portal includes

- data with more refined geographic areas, such as data by zipcodes and census tracts or
- time sensitive data such as hospital discharge data by date.

Once a user has been granted access to the secure modules, after logging in, a list of the modules would be displayed. From this page, user would follow the same steps as those in the public query portal from selecting a dataset.

There are two restrictions for secure data portal:

1. Restricted by data modules
Secure Data

There are two restrictions for secure data portal:

2. Restricted by Local Health Districts
“My Queries” and “My Data”

1. Secure data modules assigned to the user
2. Saved queries so that the user wouldn’t need to build the query with the same definition again and again.
“My Queries” and “My Data”

Saved query saves all filters a user put in a query.
“My Queries” and “My Data”

Next time the user only needs to click the saved query link to get query run on the same criteria.
“My Queries” and “My Data”

The user gets exactly same query result as last time. If the user needs to update the query criteria, the query filter or definition can be modified and save as a new SAVED query.