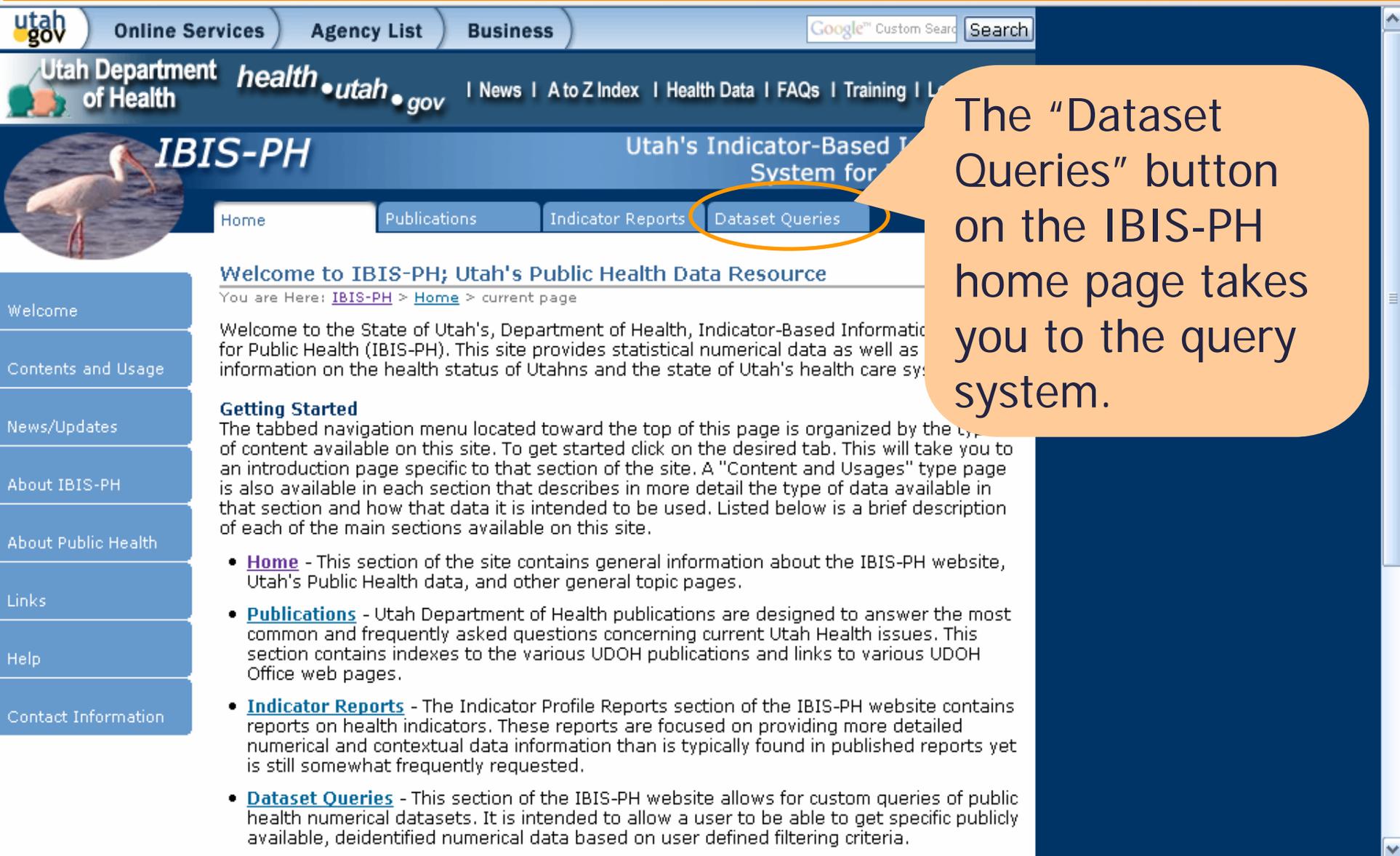


# IBIS-Q Tutorial: General Query Overview

<http://ibis.health.utah.gov>



The screenshot shows the homepage of the IBIS-PH website. At the top, there is a navigation bar with links for "Online Services", "Agency List", and "Business". A "Google Custom Search" box is also present. Below this, the "Utah Department of Health" logo and "health.utah.gov" are displayed, along with links for "News", "A to Z Index", "Health Data", "FAQs", and "Training". The main header features the "IBIS-PH" logo and the text "Utah's Indicator-Based Information System for Public Health". A tabbed navigation menu includes "Home", "Publications", "Indicator Reports", and "Dataset Queries", with the latter being circled in orange. A callout box on the right side of the page contains the text: "The 'Dataset Queries' button on the IBIS-PH home page takes you to the query system." The main content area includes a "Welcome to IBIS-PH; Utah's Public Health Data Resource" section, a "Getting Started" section, and a list of site sections: Home, Publications, Indicator Reports, and Dataset Queries.

utah.gov Online Services Agency List Business Google™ Custom Search Search

Utah Department of Health health.utah.gov | News | A to Z Index | Health Data | FAQs | Training | Links

IBIS-PH Utah's Indicator-Based Information System for Public Health

Home Publications Indicator Reports Dataset Queries

Welcome to IBIS-PH; Utah's Public Health Data Resource

You are Here: [IBIS-PH](#) > [Home](#) > current page

Welcome to the State of Utah's, Department of Health, Indicator-Based Information System for Public Health (IBIS-PH). This site provides statistical numerical data as well as information on the health status of Utahns and the state of Utah's health care system.

**Getting Started**

The tabbed navigation menu located toward the top of this page is organized by the type of content available on this site. To get started click on the desired tab. This will take you to an introduction page specific to that section of the site. A "Content and Usages" type page is also available in each section that describes in more detail the type of data available in that section and how that data it is intended to be used. Listed below is a brief description of each of the main sections available on this site.

- **Home** - This section of the site contains general information about the IBIS-PH website, Utah's Public Health data, and other general topic pages.
- **Publications** - Utah Department of Health publications are designed to answer the most common and frequently asked questions concerning current Utah Health issues. This section contains indexes to the various UDOH publications and links to various UDOH Office web pages.
- **Indicator Reports** - The Indicator Profile Reports section of the IBIS-PH website contains reports on health indicators. These reports are focused on providing more detailed numerical and contextual data information than is typically found in published reports yet is still somewhat frequently requested.
- **Dataset Queries** - This section of the IBIS-PH website allows for custom queries of public health numerical datasets. It is intended to allow a user to be able to get specific publicly available, deidentified numerical data based on user defined filtering criteria.

Welcome

Contents and Usage

News/Updates

About IBIS-PH

About Public Health

Links

Help

Contact Information

The "Dataset Queries" button on the IBIS-PH home page takes you to the query system.

# IBIS-PH Utah's Indicator-Based Information System for Public Health



- Home
- Publications
- Indicator Reports
- Dataset Queries

- Introduction
- Contents and Usage
- Population Estimates
- Birth, Fetal Death & Infant Death
- Mortality
- Hospital & Emergency Department
- Health Surveys
- Cancer Registry
- Injury
- Utah Map Dataset Selection

## IBIS-PH Custom Query Introduction

You are Here: [IBIS-PH](#) > [Dataset Queries](#) > current page

Welcome to the IBIS-PH interactive query system. This system allows users to query public health datasets directly. The information is intended to support evidenced-based decision making in Utah to plan and improve service delivery, evaluate health care systems, and inform policy decisions. Other uses are not permissible.

### Getting Started

Follow these four basic steps to query a dataset. For examples see the tutorials below.

- Birth
- Fetal Mortality
- Infant Mortality

Click from the menu buttons on the left. Click on the menu button and drill down to select a measure to query.

### User Help

Use the [HELP](#) button at the top of the screen throughout the query module. For more information on query-related selections.

See the [IBIS-PH Query System Tutorial](#)

### News and Updates

- 2006 data added to ED Prim...
- 2007 data added to YRBS Qu...
- 2004, 2005, and 2006 data ad...
- 2005 data added to Cancer Regis...

- Select your desired type of data from the buttons on the left-hand side of the screen.
- In this example, we have selected Birth Data.

## Birth Query Module Configuration Selection

You are Here: [IBIS-PH](#) > [Dataset Queries](#) > current page

### Query Module Selection Overview

#### Overview

Click on either the Quick Selection or Advanced Selection link to get started. Both are available. Use the hierarchical folder tree to navigate to the query module you need. To see folder contents, click on the folder icon. To see the contents of a folder, click on the folder icon. To hide the menu folder contents, click on the folder icon. When you click on the text link, it will take you to the query module. For further explanation on the modules, click on the "Help" button to the right.

### Quick Selection (Click here for most commonly used measures)

Select from this list to query births from 1989 and later by county and health district. For small areas and race parameters, use Advanced Selection below.

- Count, Birth and Fertility Rates
- Adolescent Births
- Prenatal Care
- Infant Birth Weight
  - Percentage of Normal Birth Weight Infants
  - Percentage of Low Birth Weight Infants (<2500 grams)
  - Percentage of Very Low Birth Weight Infants (<1500 grams)
  - Percentage of Extremely Low Birth Weight Infants (<1000 grams)
  - Percentage of Extremely Low Birth Weight Infants (<500 grams)
  - Average Birth Weight of Infants
- Pre-term Births
- Interpregnancy Interval

### Advanced Selection (Click here for Small Area, Medicaid, Race)

Center for Health Data, Utah Department of Health, Salt Lake City  
Telephone: 801-538-9191, Fax: 801-538-9192

Common query-builder options are listed in the "Quick Selection" area.

All available query-builder options are accessible under the "Advanced Selection" area.

## Birth Query Module Configuration Selection

You are Here: [IBIS-PH](#) > [Dataset Queries](#) > current page

### Query Module Selection

#### Overview

Click on either of the query modules available. Use the plus sign to expand your needs. Use the minus sign to hide the menu. Use the refresh icon to refresh the module. For more information, see the help page.

#### Quick Selection

#### Select from the following categories for small area, medical facility, and health district.

- Count, Birth and perinatal Rates
- Adolescent Births
- Prenatal Care
- Infant Birth Weight**
  - Percentage of Normal Birth Weight Infants
  - Percentage of Low Birth Weight Infants (<2500 grams)
  - Percentage of Very Low Birth Weight Infants (<1500 grams)
  - Percentage of Extremely Low Birth Weight Infants (<1000 grams)
  - Percentage of Extremely Low Birth Weight Infants (<1000 grams)
  - Average Birth Weight of Infants
- Pre-term Births
- Interpregnancy Interval

Advanced Selection (Click here for Small Area, Medical Facility, and Health District)

Scroll over these question marks for relevant information to help guide you through your query.

#### Birth Weight

Normal Birth Weight: Live-born infants whose birth weight was equal to or greater than 2500 grams (about 5.5 lbs.)

Low Birth Weight: Live-born infants whose birth weight was less than 2500 grams (about 5.5 lbs.)

Very Low Birth Weight: Live-born infants whose birth weight was less than 1500 grams (about 3.3 lbs.)

Extremely Low Birth Weight: Live-born infants whose birth weight was less than 1000 grams (about 2.2 lbs.)

Center for Health Data, Utah Department of Health, Salt Lake City, UT 84114-2101, Telephone: 801-538-9191, Fax: 801-538-9346

hide the menu folder contents. When you click on the text link, it will take you to the query module. For further explanation on the modules, click on the "Help" button to the right.

- Introduction
- Contents and Usage
- Population Estimates
- Birth, Fetal Death & Infant Death
- Mortality
- Hospital & Emergency Department
- Health Surveys
- Cancer Registry
- Injury
- Utah Map Dataset Selection
- Help

Quick Selection (Click here for most commonly used measures)

- Select from this list to query births from 1989 and later by county and health district. For small areas and race parameters, use Advanced Selection below.
- Count, Birth and Fertility Rates
  - Adolescent Births
  - Prenatal Care
  - Infant Birth Weight
    - Percentage of Normal Birth Weight Infants
    - Percentage of Low Birth Weight Infants (<2500 grams)
    - Percentage of Very Low Birth Weight Infants (<1500 grams)
    - Percentage of Extremely Low Birth Weight Infants (<1000 grams)
    - Percentage of Extremely Low Birth Weight Infants (<500 grams)
    - Average Birth Weight of Infants
  - Pre-term Births
  - Interpregnancy Interval

Advanced Selection (Click here for Small Area, Medicaid, Race)

- County and Local Health Districts, 1989-present
  - Count, Birth and Fertility Rates
  - Adolescent Births
  - Prenatal Care
  - Infant Birth Weight
    - Percentage of Normal Birth Weight Infants
    - Percentage of Low Birth Weight Infants (<2500 grams)
    - Percentage of Very Low Birth Weight Infants (<1500 grams)
    - Percentage of Extremely Low Birth Weight Infants (<1000 grams)
    - Percentage of Extremely Low Birth Weight Infants (<500 grams)
    - Average Birth Weight of Infants

In this example, we have selected the Low Birth Weight measure (for counties and local health districts). Note that this same measure could have been selected by drilling down under "Advanced Selection."

  
Query ResultDefault Query Builder  
DefinitionQuery Dataset  
Configuration Selection

XML View

**Utah Department of Health IBIS Query System, Data Use Agreement**

The data and information provided through the IBIS-PH Query System are intended to support any individuals or entities engaged in activities designed solely to enhance the well-being of a specific community, which may include the State of Utah. Activities include informing evidence-based decisions, improve service delivery, evaluate health care policy decisions. Other uses are not

**As an IBIS-PH Query System user, you agree to:**

1. Use the data for statistical purposes only.
2. Avoid any attempt to identify individuals in the query system data.
3. Avoid disclosure or use of data for purposes not intended by the system.
4. Avoid linkage of IBIS-PH query system data with other data that might allow identification of an individual.
5. Use appropriate safeguards to protect the identity of individual(s) represented in the query system data to others.
6. Report IMMEDIATELY any inadvertent or unauthorized violations of this agreement of use to the Utah Department of Health for Public Health Data, Utah Department of Health.

I understand that failure to adhere to this agreement may result in loss of access to UDOH Internet data. Any use, release, or publication of health data is a class B misdemeanor, with subsequent penalties (Utah Code Annnotated). If I am a Utah state government employee, this may be grounds for immediate dismissal.

You must agree to the "Appropriate Data Use Agreement" –

1. You will not attempt to identify individuals represented in the data, and
2. If you inadvertently identify someone, you will inform the UDOH.

Query Result

Default Query Builder Definition

Query Dataset Configuration Selection

XML View

## Query Builder for Birth Query Module for Districts - Percentage of Low Birth W

You are Here: [IBIS-PH](#) > [Dataset Queries](#) > [Birth](#)

Step: **1.** | 2. | 3. | 4. | 5. | 6. | 7.

Overview

### Overview

The birth data in this IBIS-Q query is maintained by the Department of Health and Human Services. The database is maintained by the Department of Health and Human Services. The population data used in this query is maintained by the Governor's Office of Planning and Budget.

### Getting Started

Follow the steps to narrow your query and your query, click "Submit" bottom of the screen.

Step 1: Select year (Year, 2006)

**Select the years you would like to include year.**

Single years

2001  
2002  
2003  
2004  
2005  
2006

3-year groups

5-year groups

Enter custom year groups

Step 2: Select mother's age group (Mother's age group)

Step 3: Select mother characteristics

Step 4: Select infant characteristics



- Users build their query by clicking on steps and making selections.

- Default values for that step are described below the blue bar, and pre-selected within the step.

- At each step, you can select how you want to group values (e.g., "3-year Groups"), and whether you want to filter the data to certain values (e.g., "2003").

- 5-year groups
- Enter custom year groups

Step 2: Select mother's age group (Mother's age group)

Step 3: Select mother characteristics

Step 4: Select infant characteristics

Step 5: Select health care system characteristics

Step 6: Select resident or occurrent births (Resident, All live births regardless of where they occurred)

Step 7: Select mother's geographic area (Birth Residence, Local Health District)

Step 8: Select how to display the results

**Specify how to display the numerical data values.**

<b>Column Values Grouped By:</b>	Mother's Marital Status
<b>Row Values Grouped By:</b>	Year
	Percentage of Low Birth Weight Infants (less than 2500 grams) data value

**Chart Graphic Type:**

Vertical Bar

Finish: Submit the defined query

 **Submit**  **Reset**

The last step asks how you would like to display your results. You may choose up to two "cross variables," that define the rows and columns in your results table.

You also have the option to select a graph type. Hit submit when you're satisfied with your selections.

Your selections are documented at the top of the results page.

[Query Definition](#)[Default Query Result](#)[Query Dataset Configuration Selection](#)[Graphical Charts](#)[Output to Excel](#)[XML View](#)

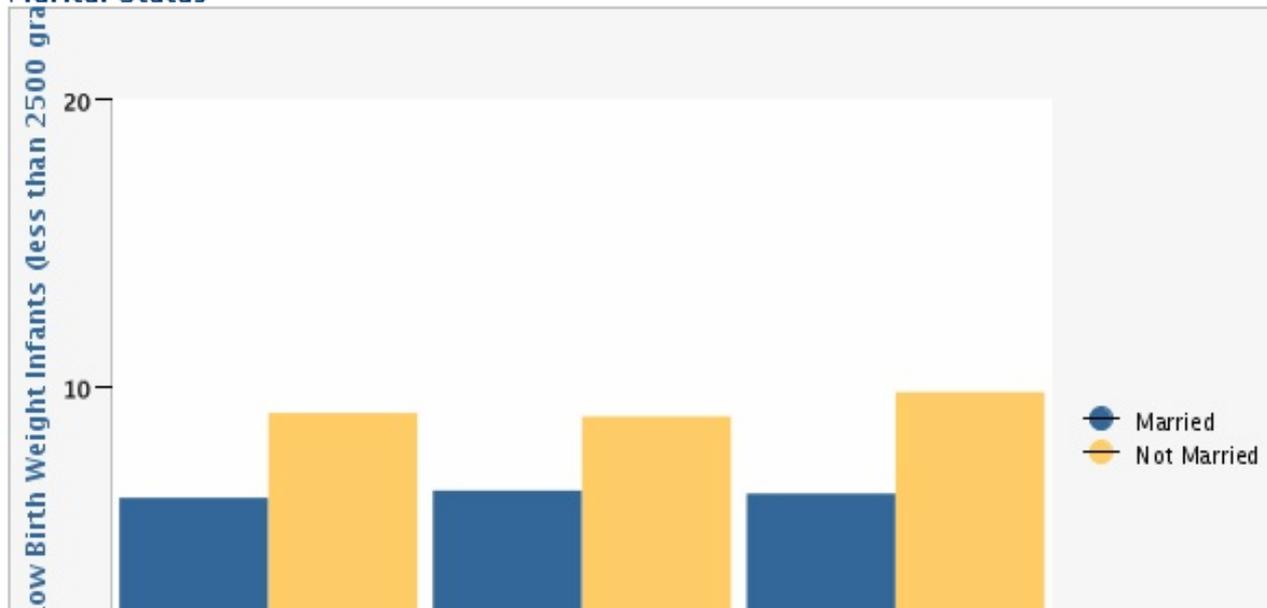
## Query Results for Birth Query Module for Utah's Districts

You are Here: [IBIS-PH](#) > [Dataset Queries](#) > [Birth](#) > [Query Builder](#) > current page

### Query Criteria for the Percentage of Low Birth Weight Infants (less than 2500 grams) Measure

<b>Year Filter:</b>	2004, 2005, 2006
<b>Resident Filter:</b>	All live births to Utah resident mothers regardless of where they occurred
<b>Data Grouped By:</b>	Year, Mother's Marital Status
<b>Data Chart:</b>	Vertical Bar

### Percentage of Low Birth Weight Infants (less than 2500 grams) by Year and Mother's Marital Status



- If you selected two cross-variables, you will see a 2-dimensional table with the row and column groups you selected.

Percent	2005	2006
	Year	

**Data Table of Percentage of Low Birth Weight Infants (less than 2500 grams) by Mother's Marital Status and Year**

	Mother's Marital Status		
Year	Married	Not Married	Total
2004	6.12%	9.08%	<b>6.64%</b>
2005	6.38%	8.97%	<b>6.83%</b>
2006	6.27%	9.81%	<b>6.94%</b>
<b>Total</b>	<b>6.26%</b>	<b>9.31%</b>	<b>6.81%</b>

**Data List**

Year	Mother's Marital Status	Number of Low Birth Weight Infants (less than 2500 grams)	Number of Live Births	Percentage of Low Birth Weight Infants (less than 2500 grams)	95% CI LL	95% CI UL
Total	Total	10,593	155,645	6.81%	6.68%	6.93%
Total	Married	7,988	127,650	6.26%	6.13%	6.39%
Total	Not Married	2,605	27,995	9.31%	8.97%	9.65%
2004	Total	3,363	50,653	6.64%	6.42%	6.86%
2004	Married	2,561	41,822	6.12%	5.9%	6.36%
2004	Not	802	8,831	9.08%	8.40%	9.70%

- Query Definition
- Default Query Result
- Query Dataset Configuration Selection
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2004	
2005	
2006	
<b>Total</b>	

The data list table provides detailed information for each subgroup you selected.

**Data List**

Year	Mother's Marital Status	Number of Low Birth Weight Infants (less than 2500 grams)	Number of Live Births	Percentage of Low Birth Weight Infants (less than 2500 grams)	95% CI LL	95% CI UL
Total	Total	10,593	155,645	6.81%	6.68%	6.93%
Total	Married	7,988	127,650	6.26%	6.13%	6.39%
Total	Not Married	2,605	27,995	9.31%	8.97%	9.65%
2004	Total	3,363	50,653	6.64%	6.42%	6.86%
2004	Married	2,561	41,822	6.12%	5.9%	6.36%
2004	Not Married	802	8,831	9.08%	8.49%	9.7%
2005	Total	3,520	51,517	6.83%	6.62%	7.05%
2005	Married	2,704	42,416	6.38%	6.15%	6.61%
2005	Not Married	816	9,101	8.97%	8.39%	9.58%
2006	Total	3,710	53,475	6.94%	6.72%	7.16%
2006	Married	2,723	43,412	6.27%	6.05%	6.51%
2006	Not Married	987	10,063	9.81%	9.24%	10.41%

Record Count: 12

Asterisks in the table indicate when data are too sparse to provide a reliable estimate.

- Query Definition
- Default Query Result
- Query Dataset Configuration Selection
- Graphical Charts
- Output to Excel
- XML View

2004	Total	3,303	30,033	0.04%	0.42%	0.80%
2005	Not Married	816	9,101	8.97%	8.39%	9.58%
2006	Total	3,710	53,475	6.94%	6.72%	7.16%
2006	Married	2,723	43,412	6.27%	6.05%	6.51%
2006	Not Married	987	10,063	9.81%	9.24%	10.41%

Meta data (information about the data) are provided at the bottom of the results page.

Record Count: 12

**Data Sources**

Utah Birth Certificate Database, Office of Vital Records and Statistics, Utah Department of Health

**Data Issues**

Birth certificates are filed electronically by hospital birth certificate clerks. The information comes from a variety of sources including a worksheet the mother fills out, the mother's prenatal record, and the delivery record. The Office of Vital Records and Statistics has a Quality Control program where every hospital is audited annually. Births are randomly selected and hospital records are checked to verify the accuracy of the reported information.

**Time of Query**

These data were queried on: Fri, 4 Apr 2008 16:01:51 MDT

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Office of Vital Records and Statistics, Center for Health Data, Utah Department of Health, Salt Lake City, UT 84114-1012, Telephone: 801-538-6843, Website: <http://health.utah.gov/vitalrecords/>, Email: [vrequest@utah.gov](mailto:vrequest@utah.gov)

- Query Definition
- Default Query Result
- Query Dataset Configuration Selection
- Graphical Charts
- Output to Excel
- XML View

2004	Total	3,363	30,633	0.04%	0.42%	0.80%
2004	Married	2,56				
2004	Not Married					
2005	Total					
2005	Married					
2006	Total					
2006	Married					
2006	Not Married					

The floating tool bar on the left provides several options. Query Definition takes you back to the query builder page in case you want to adjust an aspect of your query.

Default Query Result gives you the result using the default values for each step of the query.

**Data Sources**

Utah Birth Certificate Database, Office Health

**Data Issues**

Birth certificates are filed electronically comes from a variety of sources including prenatal record, and the delivery record Quality Control program where every h selected and hospital records are check

**Time of Query**

These data were queried on: Fri, 4 Apr 2008

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Office of Vital Records and Statistics, Center for Health Data, Utah Department of Health, Salt Lake City, UT 84114-1012, Telephone: 801-538-6843, Website: <http://health.utah.gov/vitalrecords/>, Email: [vrequest@utah.gov](mailto:vrequest@utah.gov)

- Query Definition
- Default Query Result
- Query Dataset Configuration Selection**
- Graphical Charts
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Total	Not Married	2,605
2004	Total	3,367
2004	Married	2,567
2004	Not Married	
2005	Total	
2005	Not Married	
2005	Married	
2006	Total	
2006	Married	2,797
2006	Not Married	987

**Data Sources**

Utah Birth Certificate Database, Office of Vital Health

**Data Issues**

Birth certificates are filed electronically by comes from a variety of sources including prenatal record, and the delivery record. T Quality Control program where every hosp selected and hospital records are checked

**Time of Query**

These data were queried on: Fri, 4 Apr 20

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Office of Vital Records and Statistics, Ce Health, Salt Lake City, UT 84114-1012, <http://health.utah.gov/vitalrecords/>, Email: [vrequest@utah.gov](mailto:vrequest@utah.gov)

Query Dataset Configuration Selection takes you back to the page where you can select different indicators to query.

Graphical Charts allows you to easily select a different type of graph display.

Output to Excel allows you to transfer your results to excel, but this function is still under construction.

XML View shows the page in XML format.



# IBIS-PH

## Utah's Indicator-Based Information System for Public Health

<a href="#">Home</a>	<a href="#">Publications</a>	<a href="#">Indicator Reports</a>	<a href="#">Dataset Queries</a>
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### IBIS-PH Query System Help Page

You are Here: [IBIS-PH](#) > [Dataset Queries](#) > current page

#### General Query System Help

- [IBIS-PH Query System Tips](#)
- [IBIS-PH Query System Tutorials](#)
- [IBIS-PH Query System Workbook](#)
- [Confidentiality and Privacy of IBIS-PH Data](#)
- [Glossaries of Public Health Jargon and Acronyms](#)

#### Small Area (Utah's 61 Small Areas)

- [Utah Small Area Boundaries](#)
- [Small Area Methodology Paper](#)

#### Graphics

- [IBIS-PH Graphic Display Preference](#)
- [Instructions for downloading the Adobe SVG Viewer](#)
- [Copy/Paste procedure for IBIS-PH graphics into Powerpoint](#)

#### Calculations and Statistics

- [Counts, Computing Rates and Age Adjustment](#)
- [Age Adjustment Weights](#)
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<a href="#">Health Surveys</a>
<a href="#">Cancer Registry</a>

Selecting Help under Dataset Queries will bring you to this page where you can find various resources and helpful links for further information on a variety of topics.