

# An Introduction to the NJSHAD Online Data Access Tool

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## What is NJSHAD?

- Online data access tool
- 3 main parts
  - Links to publications
  - Public health indicator reports
  - Custom query system
- Technical notes, background info

## Publications

- One-stop easy access to each NJDHSS office's publications page or homepage

## Indicator Reports

- Public health status reports
- Similar to a fact sheet
- Contain data, graphs, and contextual info
- From many areas of NJDHSS
- New home of Healthy NJ objectives

## Indicator Reports

- 162 reports online as of October, 2011
- Alphabetical index
- Categorized index
  - Outline format
  - Allows a profile to be indexed under more than one category
  - Can show placeholders for future reports

# Categorized Index

[Home](#)[Publications](#)[Indicator Reports](#)[Dataset Queries](#)[Introduction](#)[Contents and Usage](#)[Categorized Indicator Profile Report Index-->](#)[Alphabetical Indicator Profile Report Index](#)

## Healthy New Jersey 2010 Categorized Index

You are Here: [NJSHAD](#) > [Indicator Reports](#) > current page

This page provides an indicator profile selection menu organized in a hierarchical folder tree. To open/show the folder's contents, click on the link to the right of the  closed folder icon. Clicking on the link to the right of an open folder  icon will hide/collapse that folder's contents. Viewable indicator reports are represented by the  document icon. To view, simply click on indicator's title link to the right of the document icon.

The same reports are organized alphabetically on the [Alphabetical Indicator Profile Index](#) page.

Some of the folders below are placeholders for future indicator profiles.

 indicates that the profile has not yet been created.

### **Healthy New Jersey 2010 Categorized Index**

-   [Chapter 1: Overall Health Status](#)
-   [Chapter 2: Access to Health Care](#)
-   [Chapter 3: Fundamentals of Good Health](#)
-   [Chapter 4: Preventing and Reducing Major Diseases](#)

# Categorized Index



# Indicator Reports

Important Facts
Graphical Views
Available Services
Other Resources & Links
Complete Profile

## Indicator Profile of First Trimester Prenatal Care

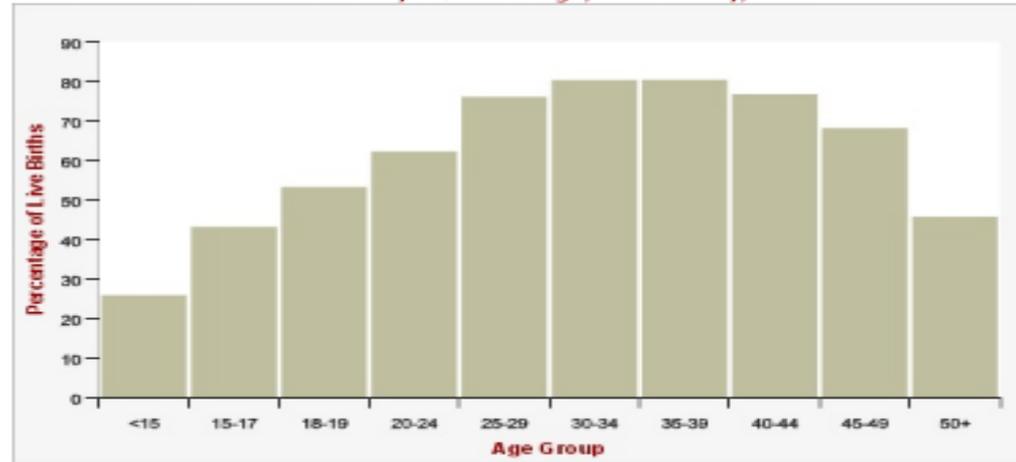
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### Why Is This Important?

Women who receive early and consistent prenatal care (PNC) increase their likelihood of giving birth to a healthy child. Health care providers recommend that women begin prenatal care in the first trimester of their pregnancy.

The Centers for Disease Control and Prevention (CDC) has identified first trimester prenatal care as one of 22 Leading Health Indicators taken from Healthy People 2010.

### First Trimester Prenatal Care by Mother's Age, New Jersey, 2007



[View Data For This Graph](#)

### Data Sources

New Jersey Birth Certificate Database, Bureau of Vital Statistics and Registration, New Jersey Department of Health and Senior Services;

### Other Graphical Views

- [by Year, New Jersey and the U.S., 2000-2007 \(\\*HNJ2010\\*\)](#)
- [by Mother's Race/Ethnicity, New Jersey, 2000-2007 \(\\*HNJ2010\\*\)](#)
- [by Mother's Race/Ethnicity, New Jersey, 2007](#)
- [by Marital Status, New Jersey, 2007](#)
- [by Mother's Educational Attainment, New Jersey, 2007](#)
- [by Mother's Previous Births, New Jersey, 2007](#)
- [by Mother's Medicaid Status, New Jersey, 2007](#)
- [by County of Residence, New Jersey, 2007](#)

### Definition

Number of live births to pregnant women who received prenatal care in the first trimester.

# What's In Each Indicator Report?

## Always

- Definition
- Numerator
- Denominator
- Why is this important?
- Graph
- Data table corresponding to graph
- Data source
- Link to view complete profile

## Sometimes

- Healthy People objective
- Healthy NJ objective
- Related indicators within NJSHAD
- How are we doing?
- How do we compare with U.S.?
- What is being done?
- Available services
- Data notes
- Data interpretation issues
- Maps or other images
- **Links to other graphical views...**

## Other Graphical Views

### Default view

- First Trimester Prenatal Care by Mother's Age

### Other graphical views

- by Year
- by Mother's Race/Ethnicity
- by Marital Status
- by Mother's Educational Attainment
- by Mother's Number of Previous Births
- by Mother's Medicaid Status
- by County of Residence

That's great,  
but I need to know about  
first trimester prenatal care  
by mother's age **and** race/ethnicity  
***for only 4 counties.***

## Query System

- **What is it?**
  - Interactive web-based system that allows users to query public health datasets directly
  - Launched in 2008
  - Replaced our old NJSHAD system that had been in use since 2001

## Query System

- **Datasets currently included:**
  - Birth
  - Death
  - Fetal death
  - Infant death-birth match
- **Datasets that we plan to add in 2012:**
  - Inpatient hospital discharge (UB)
  - Emergency department encounters (ED)
  - Behavioral Risk Factor Survey (BRFS)

## Birth Query Measures

### Five main birth measures

- Count, birth rates, and fertility rates
- Adolescent births
- Prenatal care
- Infant birth weight
- Preterm births

## Query Builder

### Many variables to choose from

- Year of birth
- Maternal age
- Maternal race/ethnicity
- Other maternal characteristics
- Infant characteristics
- Health care services utilization
- County or municipality of residence
- State where birth occurred

## Query Builder

### How do you build a query?

- Choose a birth measure (ex: low birth weight)
- Narrow your query (ex: Hunterdon, Mercer, Middlesex, & Somerset Co. only)
- Choose row and column variables (ex: county x plurality) and graph type (optional)
- Submit

# Query Results

## Query Results for New Jersey Birth Data

You are Here: [NJSHAD](#) > [Dataset Queries](#) > [Birth Measures](#) > [Query Builder](#) > current page

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

Year Filter:	2005, 2006, 2007
County of Residence Filter:	Hunterdon, Mercer, Middlesex, Somerset
Data Grouped By:	County of Residence, Single or Multiple Birth
Data Chart:	None

### Data Table of Percentage of Low Birthweight Infants (less than 2500 grams) by Single or Multiple Birth and County of Residence

	Single or Multiple Birth				
◆ County of Residence	◆ Single Birth	◆ Twins	◆ Triplets	◆ Quadruplets	◆ Total
Hunterdon	3.8%	53.7%	85.7%	100.0%	<b>6.9%</b>
Mercer	6.8%	57.5%	95.7%	100.0%	<b>9.3%</b>
Middlesex	5.9%	54.3%	80.8%	100.0%	<b>8.2%</b>
Somerset	5.1%	54.1%	90.7%		<b>7.9%</b>
<b>Total</b>	<b>5.8%</b>	<b>54.9%</b>	<b>87.6%</b>	<b>100.0%</b>	<b>8.3%</b>

## What did she say?

- Help pages
- Definitions and calculations
- Technical notes about the datasets
- Query system tutorial, tip sheet, and step-by-step video demonstration and discussion
- Contact info



## Questions?

<http://nj.gov/health/shad>