

# INFANT MORTALITY: May 2014

**Infant mortality** – or the death of a baby before his/her first birthday – is a critical indicator of community health. While recent data shows national infant mortality rates decreasing, in 2010 Ohio's rate ranked 4<sup>th</sup> worst in the nation and the Columbus and Franklin County area had a rate that is twice as high as New York City's. In 2011, 174 infants died locally, with Black babies dying at twice the rate of White babies. In addition to infant deaths, this monthly indicator summary tracks preterm births, low birth weight births and sleep related infant deaths.

## BIRTHS

**1,616** babies were born, of which...

**14.0%** were **Preterm births\***

HP 2020 goal **<=11.4%**<sup>1</sup>

**9.0%** were **Low birth weight births\***

HP 2020 goal **<=7.8%**<sup>1</sup>

\*Percentages are based on births with available data: 1,615 for preterm and 1,614 for low birth weight births



## DEATHS

**21** babies died



### AGE



➔ **62%** died **before reaching 28 days of age** (Neonatal)



➔ **38%** died **between the ages of 28 days and 1 year** (Post-Neonatal)

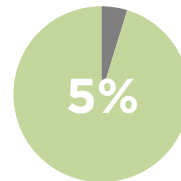
### GENDER

The infant death **Male to Female** ratio was...

**♂ 0.8** to **♀ 1**  
males female

### SLEEP-RELATED

**1** was a sleep-related infant death  
(1 out of every 21.0)

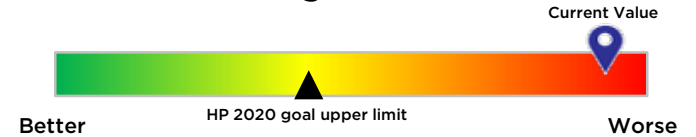


### ABOUT THE DATA

- ▶ All current and historical figures are preliminary and subject to change as new/updated information is received.
- ▶ Current and preliminary death data (2012 and after) are provided by the Columbus Office of Vital Statistics. Analysis is completed by the Office of Epidemiology at Columbus Public Health.
- ▶ Current and preliminary birth data are obtained from the Ohio Department of Health (ODH) Secure Data Warehouse. Analysis is completed by the Office of Epidemiology at Columbus Public Health. ODH specifically disclaims responsibility for any analyses, interpretations or conclusions.

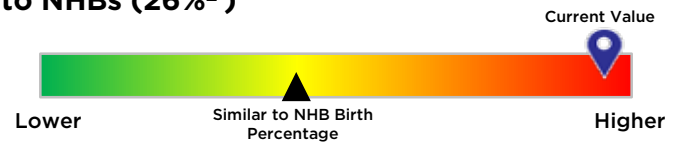
### MORTALITY RATE

The infant mortality rate was **13.0** infant deaths per 1,000 live births, which is **above the HP 2020 goal of <=6.0**<sup>1</sup>



### RACE

**57%** of Infant Deaths were to **Non-Hispanic Blacks (NHB)**, which is **higher than the percentage of births to NHBs (26%)**<sup>2</sup>



#### Notations:

<sup>1</sup>Based on the Healthy People 2020 goals. Healthy People (HP) provides science-based, 10-year national objectives for improving the health of all Americans. More information on HP and HP 2020 health measures can be found at <http://www.healthypeople.gov/2020/default.aspx>.

<sup>2</sup>This is the predicted percentage of NHB infant deaths with the expectation that it should be similar to the 2007-11 average percentage of births to NHBs in Franklin County.

#### Definitions:

**Low Birth Weight Birth-** A baby weighing less than 2,500 grams at the time of birth.

**Preterm Birth-** A baby born less than 37 completed weeks of gestation.  
**Sleep-Related Infant deaths (also called Sudden Unexpected Infant Deaths or SUIDs)** - include deaths categorized as 1) accidental suffocation, positional asphyxia, or overlay, or 2) Sudden Infant Death Syndrome (SIDS), or 3) undetermined cause.

**Questions and Comments:** Please forward questions and comments to Kathy Cowen, MS, Director, Office of Epidemiology, Columbus Public Health via phone: (614) 645-6252, or e-mail: [kathyc@columbus.gov](mailto:kathyc@columbus.gov).

Developed by:



COLUMBUS PUBLIC HEALTH

# INFANT MORTALITY: 2014 through May

**Infant mortality** – or the death of a baby before his/her first birthday – is a critical indicator of community health. While recent data shows national infant mortality rates decreasing, in 2010 Ohio's rate ranked 4<sup>th</sup> worst in the nation and the Columbus and Franklin County area had a rate that is twice as high as New York City's. In 2011, 174 infants died locally, with Black babies dying at twice the rate of White babies. In addition to infant deaths, this monthly indicator summary tracks preterm births, low birth weight births and sleep related infant deaths.

## BIRTHS

**7,614** babies

were born, of which...

**13.5%** were  
**Preterm births\***

HP 2020 goal  
≤11.4%<sup>1</sup>

**9.0%** were  
**Low birth weight births\***

HP 2020 goal  
≤7.8%<sup>1</sup>



\*Percentages are based on births with available data: 7,607 for preterm and 7,606 for low birth weight births

## DEATHS

**70** babies died



### AGE

**74.3%** died **before reaching 28 days of age** (Neonatal)

**25.7%** died **between the ages of 28 days and 1 year** (Post-Neonatal)

### GENDER

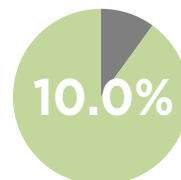
The infant death **Male to Female** ratio was...

**1.3** males to **1** female

### SLEEP-RELATED

**7** were sleep-related infant deaths

(1 out of every 10.0)



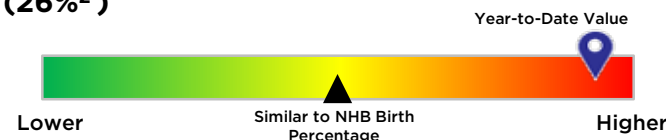
### MORTALITY RATE

The infant mortality rate was **9.2** infant deaths per 1,000 live births, which is **above the HP 2020 goal of ≤6.0<sup>1</sup>**



### RACE

**49%** of Infant Deaths were to **Non-Hispanic Blacks (NHB)**, which is **higher** than the **percentage of births to NHBs (26%<sup>2</sup>)**



#### Notations:

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