

INFANT MORTALITY: May 2013

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, Ohio still has the 8th worst rate in the nation and the Columbus and Franklin County area has 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

1,573 babies were born, of which...

13.7% were **Preterm births**

HP 2020 goal $\leq 11.4\%$ ¹

9.6% were **Low birth weight births**

HP 2020 goal $\leq 7.8\%$ ¹



DEATHS

14 babies died 

AGE

 **93%** died **before reaching 28 days of age** (Neonatal)

 **7%** died **between the ages of 28 days and 1 year** (Post-Neonatal)

GENDER

The infant death **Male to Female** ratio was...  **3** male to  **4** females

SLEEP RELATED DEATHS

1 out of 14 were sleep related infant deaths



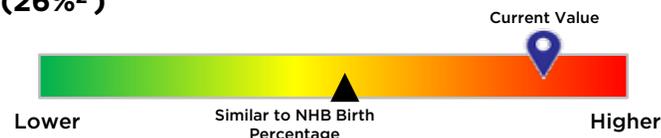
MORTALITY RATE

The infant mortality rate was **8.9** infant deaths per 1,000 live births, which is **above the HP 2020 goal of ≤ 6.0** ¹



RACE

43% of Infant Deaths were to **Non-Hispanic Blacks (NHB)**, which is **higher** than the **percentage of births to NHBs (26%)**²



Notations:

¹Based 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>.

²This 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 low birth weight birth is a birth to a baby who weighs less than 2,500 grams.

Preterm Birth- A preterm birth is a birth to a baby who is younger than 37 weeks of gestation.

Sleep-Related Infant Deaths- Sleep-related infant deaths are deaths caused by 1) sudden unexpected infant death (SUID), diagnosed as accidental suffocation, positional asphyxia, overlay, or of undetermined cause, and 2) sudden infant death syndrome (SIDS).

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.

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 within the Center for Epidemiology, Preparedness, and Response.
- ▶ Current and preliminary birth data are obtained from the Ohio Department of Health Secure Data Warehouse. Analysis is completed by the Office of Epidemiology within the Center for Epidemiology, Preparedness, and Response.

Developed by:



COLUMBUS PUBLIC HEALTH

INFANT MORTALITY: 2013 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, Ohio still has the 8th worst rate in the nation and the Columbus and Franklin County area has 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

7,574 babies were born, of which...

13.4% were **Preterm births**
 HP 2020 goal <=11.4%¹

9.1% were **Low birth weight births**
 HP 2020 goal <=7.8%¹

DEATHS

55 babies died

AGE

74.5% died **before reaching 28 days of age** (Neonatal)

25.5% died **between the ages of 28 days and 1 year** (Post-Neonatal)

GENDER

The infant death **Male to Female** ratio was... **6** male to **5** females

SLEEP RELATED DEATHS

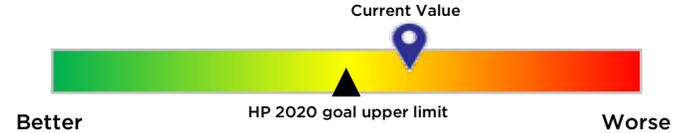
1 out of 7.9 were sleep related infant deaths

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 within the Center for Epidemiology, Preparedness, and Response.
- ▶ Current and preliminary birth data are obtained from the Ohio Department of Health Secure Data Warehouse. Analysis is completed by the Office of Epidemiology within the Center for Epidemiology, Preparedness, and Response.

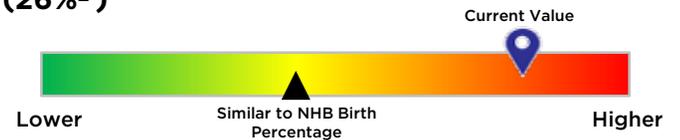
MORTALITY RATE

The infant mortality rate was **7.3** infant deaths per 1,000 live births, which is **above the HP 2020 goal of <=6.0¹**



RACE

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



Notations:

¹Based 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>.

²This 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 low birth weight birth is a birth to a baby who weighs less than 2,500 grams.

Preterm Birth- A preterm birth is a birth to a baby who is younger than 37 weeks of gestation.

Sleep-Related Infant Deaths- Sleep-related infant deaths are deaths caused by 1) sudden unexpected infant death (SUID), diagnosed as accidental suffocation, positional asphyxia, overlay, or of undetermined cause, and 2) sudden infant death syndrome (SIDS).

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.

Developed by:



COLUMBUS PUBLIC HEALTH