

INFANT MORTALITY: October 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, in 2010 Ohio's rate ranked 3rd 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

1,578 babies were born, of which...

13.0% were **Preterm births***
HP 2020 goal $\leq 11.4\%$ ¹

8.9% were **Low birth weight births***
HP 2020 goal $\leq 7.8\%$ ¹

Percentages are based on births with available data: 1,572 for preterm and 1,578 for low birth weight births

DEATHS

17 babies died

AGE

65% died **before reaching 28 days of age** (Neonatal)

35% died **between the ages of 28 days and 1 year** (Post-Neonatal)

GENDER

The infant death **Male to Female** ratio was... **1.7** males to **1** female

SLEEP RELATED DEATHS

4 were sleep related infant deaths
(1 out of every 4.3)

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 **10.8** infant deaths per 1,000 live births, which is **above the HP 2020 goal of ≤ 6.0 ¹**

Better HP 2020 goal upper limit Worse

RACE

24% of Infant Deaths were to **Non-Hispanic Blacks (NHB)**, which is **lower** than the **percentage of births to NHBs (26%²)**

Lower Similar to NHB Birth Percentage Higher

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 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- 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.

INFANT MORTALITY: 2013 through Oct.

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 3rd 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

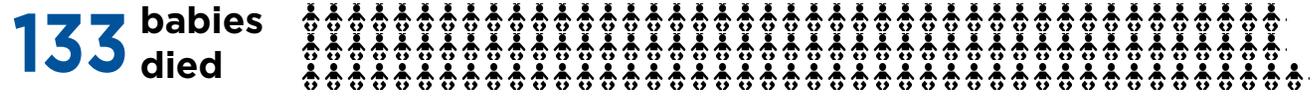
15,551 babies were born, of which...

13.2% were **Preterm births***
HP 2020 goal $\leq 11.4\%$ ¹

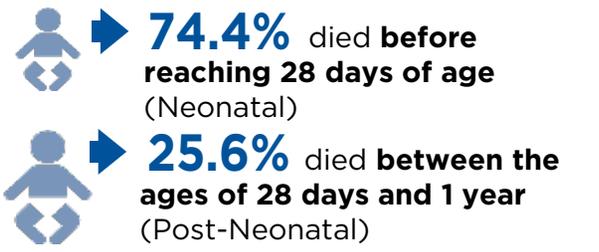
9.1% were **Low birth weight births***
HP 2020 goal $\leq 7.8\%$ ¹

*Percentages are based on births with available data: 15,512 for preterm and 15,551 for low birth weight births

DEATHS



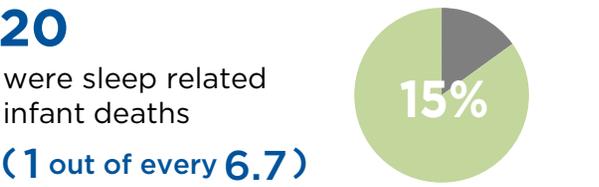
AGE



GENDER



SLEEP RELATED DEATHS



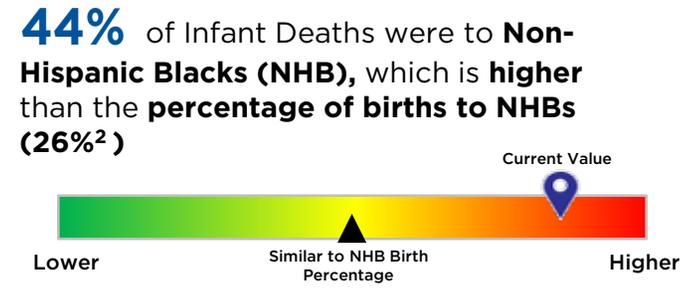
ABOUT THE DATA

- ▶ 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 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



RACE



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 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- 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.