## **INFANT MORTALITY** *DISPARITIES 2017*

## INDIANA STATE DEPARTMENT OF HEALTH DIVISION OF MATERNAL AND CHILD HEALTH

For more information on infant mortality in your area, please see the Indiana State Department of Health Mortality Report, Tables 2 and 8 (http://www.in.gov/isdh/reports/mortality/2017/toc.htm)

2013 – 2017				
HOSPITAL REGION	IMR	WHITE IMR	BLACK IMR	RATIO
<b>CENTRAL</b> Brown, Hamilton, Hancock, Hendricks, Johnson, Lawrence, Marion, Monroe, Morgan, Shelby	7.0	5.3	12.6	2.4
CENTRAL SOUTHWESTERN Clay, Greene, Owen, Parke, Putnam, Sullivan, Vermillion, Vigo	7.4	7.3	*	*
<b>EASTERN</b> Blackford, Delaware, Grant, Henry, Howard, Jay, Madison, Randolph, Tipton	8.3	7.6	15.7	2.1
MIDWESTERN Cass, Fulton, Jasper, Miami, Newton, Pulaski, Starke, White	8.1	7.7	*	*
NORTHEASTERN Adams, Allen, DeKalb, Huntington, Kosciusko, LaGrange, Noble, Steuben, Wabash, Wells, Whitley	7.2	6.5	17.8	2.7
<b>NORTHERN</b> Elkhart, LaPorte, Marshall, St. Joseph	7.9	5.7	16.8	2.9
NORTHWESTERN Lake, Porter	7.8	4.9	16.7	3.4
SOUTHEASTERN  Dearborn, Decatur, Fayette, Franklin, Ohio, Ripley, Rush, Union, Wayne	7.0	6.4	*	*
SOUTHERN  Bartholomew, Clark, Crawford, Floyd, Harrison, Jackson, Jefferson, Jennings, Orange, Scott, Switzerland, Washington	6.7	6.6	*	*
<b>SOUTHWESTERN</b> Daviess, Dubois, Gibson, Knox, Martin, Perry, Pike, Posey, Spencer, Vanderburgh, Warrick	7.0	6.4	12.2	1.9
<b>WESTERN</b> Benton, Boone, Carroll, Clinton, Fountain, Montgomery, Tippecanoe, Warren	6.2	5.7	15.4	2.7
INDIANA	7.3	6.1	14.6	2.4

<sup>\*</sup>Rates have been suppressed due to unstable rates (numerator less than 20).

WHAT IS INFANT MORTALITY? Infant mortality is defined as the death of a baby before his or her first birthday.

The infant mortality rate (IMR) is the number of babies who die in the first year of life, per 1,000 live births.

If Indiana (7.3) had the same IMR as the U.S (5.8), 125 more babies would have survived 2017.

## UNACCEPTABLE DISPARITIES

There is a substantial difference in how infant mortality impacts different races. In 2017, Black babies in Indiana were 2.6 times more likely to die in the first year of life than White babies.

- •Indiana's White IMR in 2017 was 5.9 per 1,000 live births, compared to the Black IMR of 15.3 deaths per 1,000 live births.
- •If Black infants had the same IMR as White infants, 101 additional Black infants would have survived in 2017.
- •This disparity has been consistent for years in Indiana.
- •There is a clear disparity at the national level. The U.S. White IMR in 2017 was 4.61; the same rate for Blacks was 11.46. Black babies in the U.S. are 2.5 times more likely to die before their first birthday than White babies.

The difference in infant mortality rates across races is seen around the nation. Eliminating the disparity is a goal at the national, state and local level.

## **DISPARITIES IN INDIANA**

U.S. Black

-Indiana Black

11.2

14.5

11.2

15.3

11.1

14.7

11.7

13.2

11.8

14.4

11.5

15.3

SUIDs = Sudden Unexpected Infant Deaths

PNC = Prenatal Care

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2017 For more information on birth outcomes in your area, please see the Indiana State Department of Health Natality Report, Table 32 (http://www.in.gov/isdh/reports/natality/2017/toc.htm) 18.0 Causes of Infant Mortality Infant Mortality Rates 16.0 by Race by Race for IN 14.0 Indiana, 2017 12.0 10.0 **Indiana** 8.0 4.0% 6.0 Assaults/ 4.0 **Accidents** 14.0% 18.1% 2.0 Other Congenital 0.0 2014 2015 2016 2007 2008 2009 2010 2011 2012 2013 2017 **Anomalies Blacks** 15.7 14.9 16.1 14.7 12.3 14.5 15.3 14.7 13.2 14.4 15.3 6.0 6.9 5.9 6.4 Whites 6.5 5.5 6.4 5.5 5.8 6.3 5.9 16.6% SUIDs Indiana 7.5 6.9 7.8 7.5 7.7 6.7 7.1 7.3 7.5 7.1 7.3 47.3% HP 2020 Goal 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 **Perinatal Risks Birth Outcome Indicators** Whites 80.0 by Race 71.4 ■ Blacks 69.1 2017 Whites 60.0 4.1% 55.2 Assaults/ Accidents 15.3% 20.7% 40.0 35.9 Congenital 27.5 **Anomalies** 14.8 16.8 20.0 13.1 13.5 9.4 14.6% 7.5 **SUIDs** 0.0 % Mother Medicaid 45.3% olo Preterm olo lBM olo Early Pric olo Stroking **Perinatal Risks** 4.2% 10.3% Blacks Assaults/ Congenital Accidents **Anomalies** by Race for U.S. and IN 20.0 Infant Mortality Rates 8.5% Other 15.0 2012 - 2017 10.0 24.8% 5.0 **SUIDs** 52.1% **Perinatal Risks** 0.0 2012 2013 2014 2015 2016 2017 U.S. White 5.1 5.1 4.9 4.8 4.8 4.6 Indiana White 5.5 5.9 5.9 5.9 6.4 6.4