

Infant Mortality Data Montgomery County, Ohio 2012-2016

Table 1. Percent (%) change in infant mortality rate (IMR)* by year, Montgomery County, 2012-2016

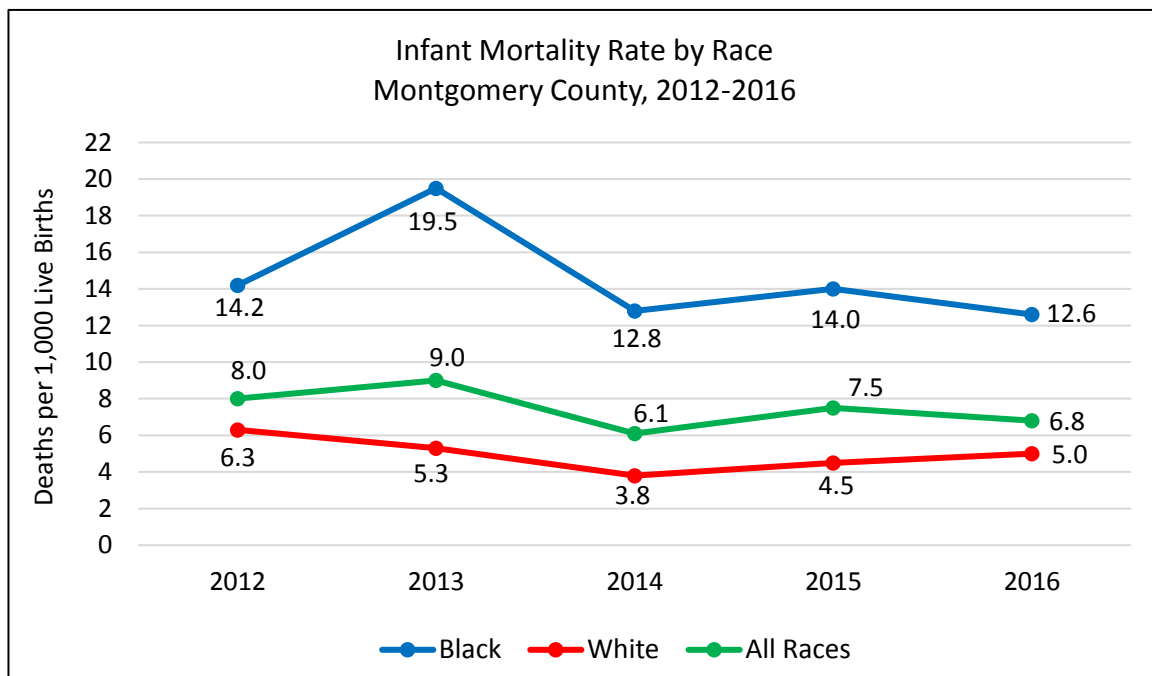
	2012		2013		2014		2015		2016	
	IMR	% Chg.	IMR	% Chg.	IMR	% Chg.	IMR	% Chg.	IMR	% Chg.
White	6.3	5.0%	5.3	-15.9%	3.8	-28.3%	4.5	18.4%	5.0	11.1%
Black	14.2	-17.0%	19.5	37.3%	12.8	-34.4%	14.0	9.4%	12.6	-10.0%
All Races	8.0	-9.1%	9.0	12.5%	6.1	-32.2%	7.5	23.0%	6.8	-9.3%

*IMR: the number of infant deaths per 1,000 live births

Source: Ohio Department of Health, Bureau of Vital Statistics

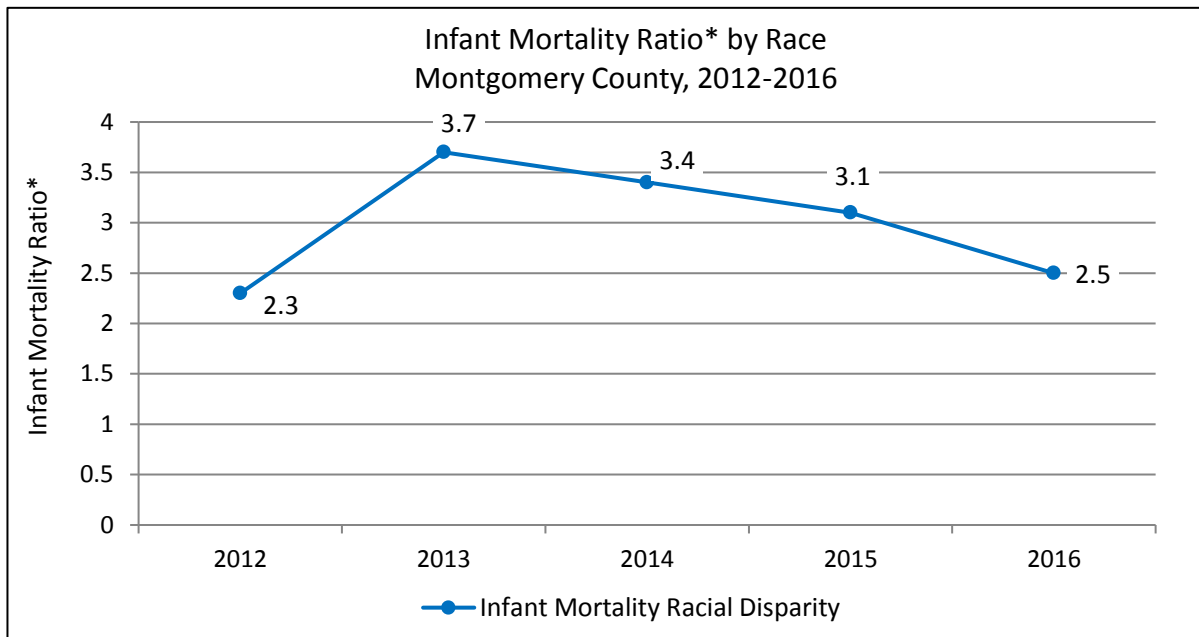
Note: Percent change is calculated from the infant mortality rate one year prior.

Figure 1.



Source: Ohio Department of Health, Bureau of Vital Statistics

Figure 2.



*Infant mortality ratio: Black infant mortality rate to White infant mortality rate
Source: Ohio Department of Health, Bureau of Vital Statistics

Key Findings:

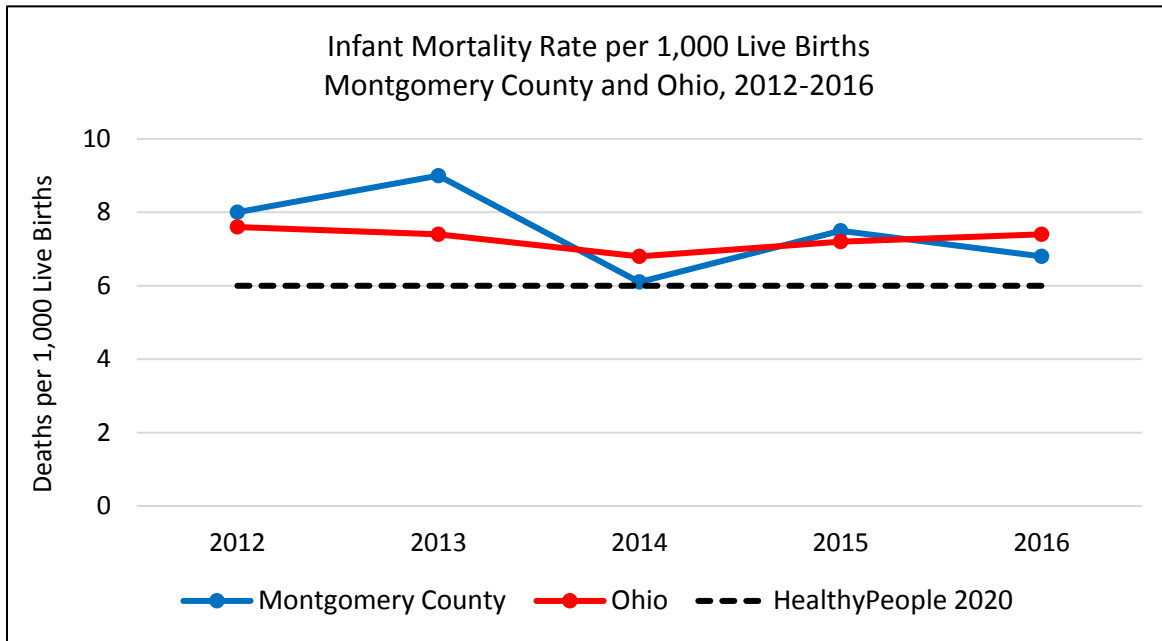
- Montgomery County’s Black infant mortality rate and overall infant mortality rate decreased from 2015 to 2016.
- Since 2014, Montgomery County’s White infant mortality rate has increased by 32% (from 3.8 to 5.0 deaths per 1,000 live births).
- In 2016, the Black infant mortality rate (12.6 deaths per 1,000 live births) was 2.5 times higher than the White infant mortality rate (5.0 deaths per 1,000 live births).
- Since 2013, the infant mortality racial disparity has decreased by 32% (from 3.7 to 2.5).

Table 2. Infant mortality rate per 1,000 live births by race, Montgomery County and Ohio, 2016

	Montgomery County	Ohio
White	5.0	5.8
Black	12.6	15.2
All Races	6.8	7.4

Source: Ohio Department of Health, Bureau of Vital Statistics

Figure 3.



Source: Ohio Department of Health, Bureau of Vital Statistics

Key Findings:

- In 2016, Montgomery County had lower Black, White and overall infant mortality rates compared to Ohio.
- In 2016, Montgomery County’s (6.8 deaths per 1,000 live births) and Ohio’s (7.4 deaths per 1,000 live births) overall infant mortality rates were higher than the HealthyPeople 2020¹ goal of 6.0 deaths per 1,000 live births.

¹U.S. Department of Health and Human Services. (2014). HealthyPeople 2020: Maternal, Infant and Child Health

The Ohio Institute for Equity in Birth Outcomes (OEI) has a team in nine Ohio Counties. These teams review local data with their communities and use it to select evidence-based interventions to address high risk populations in targeted areas.

Table 3. White Infant Mortality Rank (Best to Worst)
Ohio and OEI Counties, 2016

County	IMR*
Summit	4.3
Cuyahoga	4.8
Montgomery	5.0
Lucas	5.0
Mahoning	5.2
Ohio	5.8
Franklin	5.8
Hamilton	6.3
Stark	6.7
Butler	7.6

*IMR: Number of infant deaths per 1,000 live births
Source: Ohio Department of Health, Bureau of Vital Statistics

Table 4. Black Infant Mortality Rank (Best to Worst)
Ohio and OEI Counties, 2016

County	IMR*
Montgomery	12.6
Lucas	14.2
Hamilton	14.3
Cuyahoga	14.9
Butler	14.9
Ohio	15.2
Franklin	15.2
Stark	16.1
Summit	18.2
Mahoning	18.2

*IMR: Number of infant deaths per 1,000 live births
Source: Ohio Department of Health, Bureau of Vital Statistics

Table 5. Overall Infant Mortality Rank (Best to Worst)
Ohio and OEI Counties, 2016

County	IMR*
Mahoning	6.0
Montgomery	6.8
Butler	6.9
Lucas	7.3
Ohio	7.4
Summit	7.5
Franklin	8.7
Cuyahoga	8.7
Stark	9.0
Hamilton	9.1

*IMR: Number of infant deaths per 1,000 live births
Source: Ohio Department of Health, Bureau of Vital Statistics

Table 6. IM Racial Disparity Rank (Best to Worst)
Ohio and OEI Counties, 2016

County	IM Ratio*
Butler	2.0
Hamilton	2.3
Stark	2.4
Montgomery	2.5
Franklin	2.6
Ohio	2.6
Lucas	2.8
Cuyahoga	3.1
Mahoning	3.5
Summit	4.2

*IM Ratio: Black infant mortality rate to White infant mortality rate
Source: Ohio Department of Health, Bureau of Vital Statistics

Key Findings:

- Among the nine OEI counties, Montgomery County had the:
 - Second lowest overall IMR at 6.8 deaths per 1,000 live births;
 - Lowest Black IMR at 12.6 deaths per 1,000 live births;
 - Third lowest White IMR at 5.0 deaths per 1,000 live births;
 - Fourth lowest infant mortality racial disparity.
- In 2016, Montgomery County's infant mortality racial disparity (2.5) was slightly lower than Ohio's infant mortality racial disparity (2.6).