

Infant Mortality Data Montgomery County, Ohio 2011-2015

Table 1. Infant Mortality Rate* by Year, Montgomery County, OH, 2011-2015

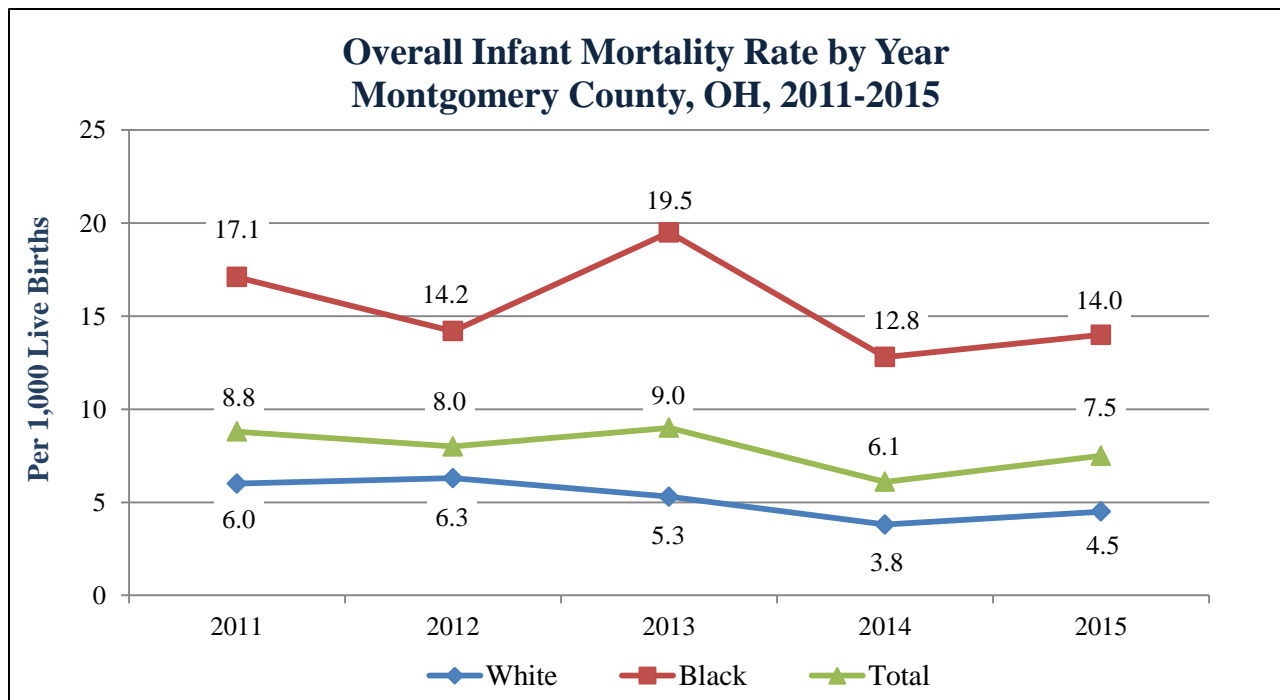
	2011		2012		2013		2014		2015	
	IMR	% Chg.	IMR	% Chg.	IMR	% Chg.	IMR	% Chg.	IMR	% Chg.
White	6.0	11.1%	6.3	5.0%	5.3	-15.9%	3.8	-28.3%	4.5	18.4%
Black	17.1	20.4%	14.2	-17.0%	19.5	37.3%	12.8	-34.4%	14.0	9.4%
All Races	8.8	18.9%	8.0	-9.1%	9.0	12.5%	6.1	-32.2%	7.5	23.0%

*IMR: the number of infant deaths before one year of age per 1,000 live births

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

Source: Vital Statistics birth and mortality files, Ohio Department of Health

Figure 1.



Source: Vital Statistics birth and mortality files, Ohio Department of Health

Key Findings:

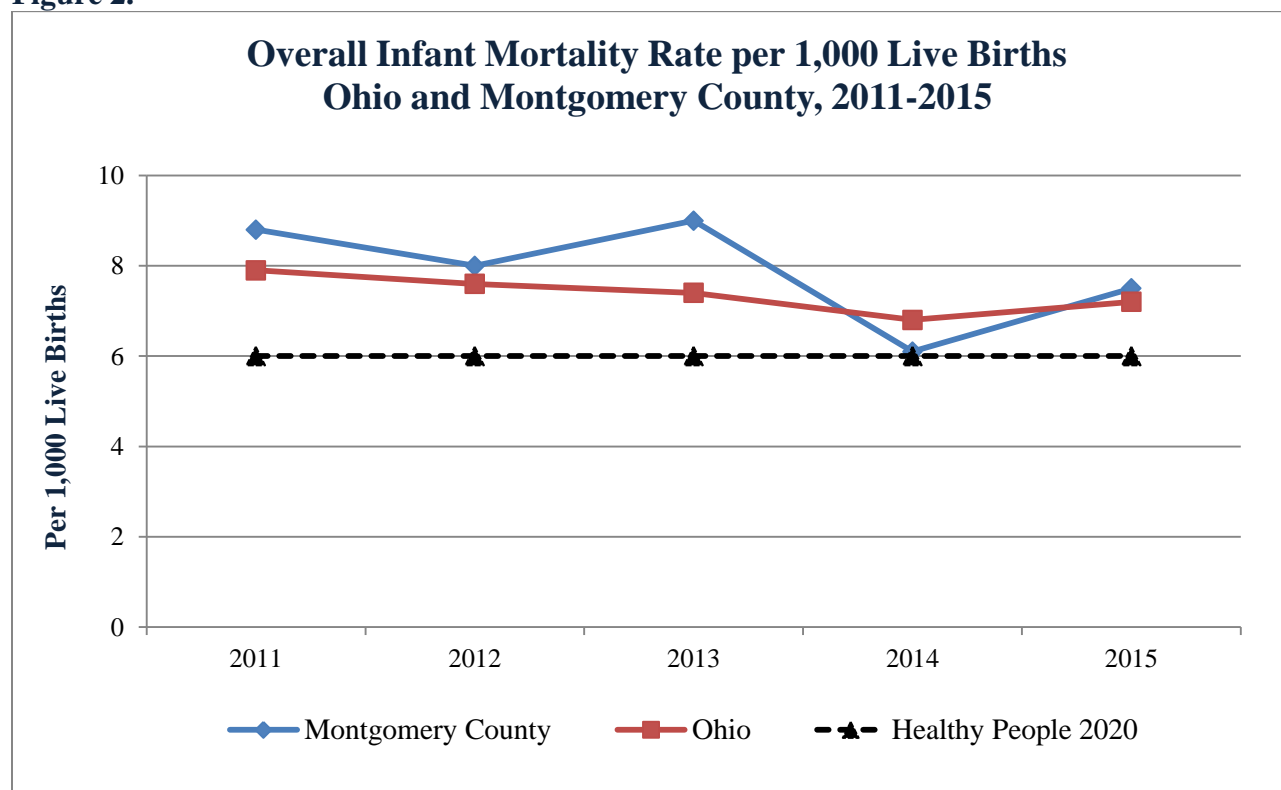
- Montgomery County's White, Black and overall infant mortality rate (IMR) increased from 2014 to 2015.
- In 2015, the Black IMR (14.0 deaths per 1,000 live births) was three times higher than the White IMR (4.5 deaths per 1,000 live births).

**Table 2. Infant Mortality Rate per 1,000 Live Births
Ohio and Montgomery County, 2015**

	Montgomery County	Ohio
White	4.5	5.5
Black	14.0	15.1
All Races	7.5	7.2

Source: Vital Statistics birth and mortality files, Ohio Department of Health

Figure 2.



Source: Ohio Department of Health. (2016). Ohio Infant Mortality Data: General Findings.

Key Findings:

- In 2015, Montgomery County had a higher overall IMR (7.5 deaths per 1,000 live births) than the Ohio overall IMR (7.2 deaths per 1,000 live births) and the Healthy People 2020¹ goal of 6.0 deaths per 1,000 live births.
- Compared to Ohio, Montgomery County had a lower White IMR (4.5 deaths per 1,000 live births) and Black IMR (14.0 deaths per 1,000 live births).

¹U.S. Department of Health and Human Services. (2014). Healthy People 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 2. White Infant Mortality Rank
Ohio and OEI Counties, 2015**

County	IMR*
Lucas	1.6
Stark	4.2
Montgomery	4.5
Hamilton	5.1
Summit	5.4
Butler	5.5
Ohio	5.5
Franklin	5.6
Cuyahoga	6.0
Mahoning	7.5

*Total infant deaths per 1,000 live births
Source: Vital Statistics birth and mortality files, Ohio Department of Health

**Table 3. Black Infant Mortality Rank
Ohio and OEI Counties, 2015**

County	IMR*
Franklin	10.6
Stark	11.0
Montgomery	14.0
Summit	15.2
Ohio	15.1
Lucas	16.8
Hamilton	16.9
Cuyahoga	18.7
Mahoning	20.2
Butler	23.0

*Total infant deaths per 1,000 live births
Source: Vital Statistics birth and mortality files, Ohio Department of Health

**Table 4. Overall Infant Mortality Rank
Ohio and OEI Counties, 2015**

County	IMR*
Stark	4.7
Lucas	6.3
Butler	7.2
Ohio	7.2
Summit	7.4
Montgomery	7.5
Franklin	7.6
Hamilton	9.1
Cuyahoga	10.5
Mahoning	10.9

*Total infant deaths per 1,000 live births
Source: Vital Statistics birth and mortality files, Ohio Department of Health

Key Findings:

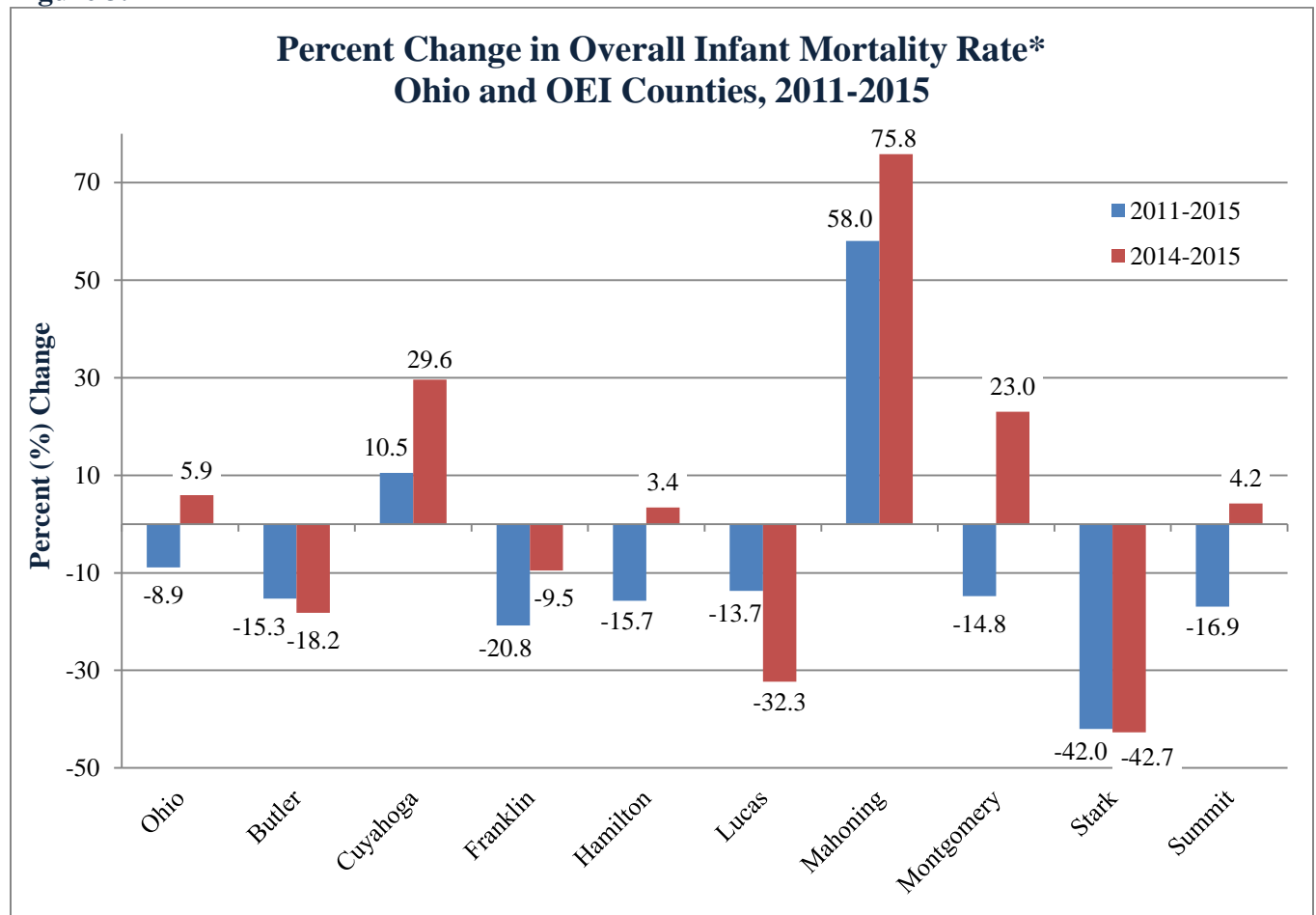
- Montgomery County ranks fifth among the nine OEI counties for overall IMR at 7.5 deaths per 1,000 live births.
- Montgomery County had the third lowest White (4.5 deaths per 1,000 live births) and Black IMR (14.0 deaths per 1,000 live births) among the nine OEI counties.

Table 5. Overall Infant Mortality Rate per 1,000 Live Births, Ohio and OEI Counties, 2011-2015

County	Year			Percent Change	
	2011	2014	2015	2011-2015	2014-2015
Ohio	7.9	6.8	7.2	-8.9%	5.9%
Butler	8.5	8.8	7.2	-15.3%	-18.2%
Cuyahoga	9.5	8.1	10.5	10.5%	29.6%
Franklin	9.6	8.4	7.6	-20.8%	-9.5%
Hamilton	10.8	8.8	9.1	-15.7%	3.4%
Lucas	7.3	9.3	6.3	-13.7%	-32.3%
Mahoning	6.9	6.2	10.9	58.0%	75.8%
Montgomery	8.8	6.1	7.5	-14.8%	23.0%
Stark	8.1	8.2	4.7	-42.0%	-42.7%
Summit	8.9	7.1	7.4	-16.9%	4.2%

Source: Vital Statistics birth and mortality files, Ohio Department of Health

Figure 3.



*Infant Mortality Rate (IMR): the number of infant deaths before one year of age per 1,000 live births

Note: positive percent change is associated with an increased IMR, negative percent change is associated with a decreased IMR

Source: Vital Statistics birth and mortality files, Ohio Department of Health