INFANT MORTALITY
(BIRTH OUTCOMES)
MONTGOMERY COUNTY, OHIO

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April 11, 2014
Community Forum
Reibold Building, Multipurpose Room
Racial Disparities in Infant Mortality—

“...Healthy People 2010 has made eliminating disparities one of its two major goals over this decade, and nowhere are the disparities more disgraceful and more persistent than in birth outcomes.”

Michael Lu, M.D., MPH
2010 Infant Mortality Rate, United States

National Rate: 6.2
Healthy People 2020 Objective: 6.0
Ohio ranks #47

Source: National Center for Health Statistics
2010 White Infant Mortality Rate, United States

National Rate: 5.2
Ohio ranks #38

Source: National Center for Health Statistics
2010 Black Infant Mortality Rate, United States

#50: Indiana
#49: Ohio*
#48: Wisconsin
#47: Virginia
#46: Michigan

Black Infant Mortality Rate (Standard Dev)
- <8.7 (< 2.5 Std. Dev.)
- 8.7-10.9 (12-15 Std. Dev.)
- 10.9-13.1 (15-20 Std. Dev.)
- >15.3 (25+ Std. Dev.)

National Rate: 11.6

Source: National Center for Health Statistics
Infant Mortality, Montgomery County, Ohio

Deaths per 1,000 Live Births

- Total
- White
- Black

Years: 2000 to 2012

Values:
- Total: 11.4, 7.7, 6.6, 6.3
- White: 8, 7.7, 6.6, 6.3
- Black: 14.2, 7.7, 6.6, 6.3
Infant Mortality Rate, All Races
Montgomery County, OH 2009-2011

Rate per 1,000 live births

- 0.0
- 0.1 - 6.1
- 6.2 - 11.1
- 11.2 - 16.2
- 16.3 - 22.5
- Less than 10 births

Sources: Esri, DeLorme, NAVTEQ, USGS, Intermap, iPC, NRCAN, Esri Japan/METI, Esri China (Hong Kong), Esri (Thailand), TomTom, 2013

Prepared by: Public Health - Dayton & Montgomery County
Epidemiology Department
Percent of Low Birth Weight Babies (<2,500g) 
Montgomery County, OH 2006-2011

Montgomery County

Black

White

<table>
<thead>
<tr>
<th>Year</th>
<th>Percent</th>
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<tr>
<td>2006</td>
<td>12.6</td>
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<td>2007</td>
<td>13.7</td>
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<td>2010</td>
<td>13.7</td>
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<tr>
<td>2011</td>
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Percent of Very Low Birth Weight Babies (< 1500g)
Montgomery County, OH 2006-2011

Montgomery County
Black
White

2006 2007 2008 2009 2010 2011

Percent

2.6 2.5 2.0 1.8 1.3

0.9 1.0 1.5 2.0 2.5 3.0 3.5 4.0

2006 2007 2008 2009 2010 2011

Montgomery County  Black  White
Percent of Women Who Smoked During Pregnancy
Montgomery County, OH 2011

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<tr>
<th></th>
<th>Total</th>
<th>White</th>
<th>Black</th>
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<tbody>
<tr>
<td>Percent</td>
<td>15.1</td>
<td>17</td>
<td>12.4</td>
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Percent of Low Birth Weight Babies born to Smokers Versus Non-Smokers During Pregnancy

Montgomery County, OH 2010

- Smokers: 13.9%
- Non-Smokers: 8.7%
Percent of Women Who Received Late or No Prenatal Care

Montgomery County, OH 2011

- Total: 4.8%
- White: 3.6%
- Black: 7.8%
Percent of Low Birth Weight Babies by First Prenatal Care Visit

Montgomery County, OH 2010

- 1st Trimester: 7.9%
- 2nd Trimester: 11%
- 3rd Trimester: 10.4%
- No Prenatal Care: 38.1%
Conclusions

“Reducing disparities in health will give everyone a chance to live a healthy life and improve the quality of life of all Americans.”

--National Prevention Strategy
Thank You!

Questions

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http://www.phdmc.org/health-reports