



## Lincoln County: Health at a Glance

1. Lincoln County is classified as a **rural county** with 54 percent of its population considered rural.<sup>1</sup>
2. The prevalence of child poverty in Lincoln County is **the same** as the prevalence in Wisconsin overall.
3. The unemployment rate in Lincoln County is **1.2** times the state average.
4. In Lincoln County, approximately **6 out of 10** children and youth with special health care needs (CYSHCN) have a medical home.
5. The prevalence of infants born to mothers in Lincoln County who smoked during pregnancy is about **60% higher** than the Wisconsin statewide rate and **20% higher** than the Wisconsin rural county rate.
6. In Lincoln County, the rate of hospitalization for non-fatal injuries is **higher** than that of Wisconsin overall at **442** per 100,000 children 10-19 years.

## Background

- Wisconsin’s Maternal and Child Health (MCH) Program worked with partners to select federally defined National Performance Measures (NPMs) to be addressed from 2016-2020.
- Historically, dataset limitations have precluded county-level estimates for many important MCH indicators.
- Despite small numbers, statistical methods can be used to estimate county prevalence rates.
- In general, the health of Wisconsin’s MCH population varies by urban and rural status.

## Purpose

- This profile provides reliable estimates of MCH National Performance Measures at the county-level.
- To help counties make comparisons, the profile includes prevalence estimates for Lincoln County, Wisconsin overall, urban counties, and rural counties.

## Considerations

- Geographic regions smaller than counties could not be calculated due to data set limitations.
- County prevalence estimates were calculated using small area estimation (SAE) methods and the most current data available.
- SAE methods are valid and well researched, but have the tendency to produce county estimates that aggregate towards the state average.
- For these reasons, county prevalence estimates should not be used for evaluation purposes.

## Lincoln County Profile

	Lincoln County	Wisconsin
Total population <sup>2</sup>	28,875	5,730,937
Rural population <sup>3</sup>	54.0%	29.8%
Race/ethnicity <sup>3</sup>		
White, non-Hispanic	96.0%	82.5%
Black, non-Hispanic	0.8%	6.3%
Hispanic	1.4%	6.3%
American Indian	0.4%	1.1%
Children, 0-17 years <sup>2</sup>	5,809	1,306,654
Women, 18-44 years <sup>2</sup>	4,475	1,305,893
No. of births <sup>4</sup>	276	66,566
Teen birth rate <sup>#4</sup>	31.4	19.9
Uninsured children <sup>3</sup>	5%	5%
Children in poverty <sup>3</sup>	18%	18%
Unemployment rate <sup>5</sup>	5.2%	4.4%

# Teen birth rate is per 1,000 females <20 years of age



<b>MCH National Performance Measures</b>					
	<b>Lincoln County</b>	<b>Urban Counties</b>	<b>Rural Counties</b>	<b>Wisconsin</b>	<b>Data Years</b>
<b>Infants (0-1 years)</b>					
Percent of <b>infants ever breastfed</b> <sup>6</sup>	<b>83.2</b>	83.5	80.1	82.6	2009-2011
Percent of infants put to <b>sleep on their backs</b> <sup>6</sup>	<b>78.4</b>	82.0	79.8	81.4	2009-2011
Percent of infants born to mothers who <b>smoked during pregnancy</b> <sup>7</sup>	<b>22.3</b>	12.3	18.5	13.7	2012-2013
<b>Children</b>					
Percent of children (under 6 years) receiving a <b>developmental screening tool</b> <sup>8</sup>	<b>33.3</b>	35.3	33.1	33.7	2011/2012
Percent of children (0-17 years) living in <b>households where someone smokes</b> <sup>8</sup>	<b>25.0</b>	25.0	26.8	25.7	2011/2012
Percent of children (0-17 years) without special health care needs having a <b>medical home</b> <sup>8</sup>	<b>68.8</b>	67.7	67.2	67.8	2011/2012
Rate of <b>hospitalization for non-fatal injuries</b> per 100,000 children (10-19 years) <sup>9</sup>	<b>441.6</b>	397.4	442.7	408.8	2012-2013
Percent of <b>adolescents</b> (12-17 years) with a <b>preventive medical visit</b> in the past year <sup>8</sup>	<b>80.3</b>	80.4	79.6	80.8	2011/2012
<b>CYSHCN</b>					
Percent of children (0-17 years) with special health care needs having a <b>medical home</b> <sup>8</sup>	<b>61.5</b>	61.7	60.3	61.4	2011/2012
Percent of adolescents (12-17 years) with special health care needs who received necessary services to <b>transition</b> to adult health care <sup>10</sup>	<b>43.9</b>	44.9	43.1	44.4	2009/2010
<b>Women (18-44 years)</b>					
Percent of <b>women</b> with a <b>preventive medical visit</b> in the past year <sup>11</sup>	<b>68.1</b>	69.5	63.1	68.0	2012-2013

#### Sources and Data Notes

- Ingram DD, Franco SJ. 2013 NCHS Urban-Rural Classification Scheme for Counties. National Center for Health Statistics. *Vital and Health Statistics*. 2(166):71-72. 2014.
- 2013 Population Estimates. Wisconsin Department of Health Services. <https://www.dhs.wisconsin.gov/population/index.htm>.
- County Health Rankings Wisconsin. Robert Wood Johnson Foundation. <http://www.countyhealthrankings.org/app/#!/wisconsin/2015/overview>. (2013)
- WISH-Wisconsin Interactive Statistics on Health. Wisconsin Department of Health Services. <https://www.dhs.wisconsin.gov/wish/index.htm>. (2013)
- County Unemployment Rates. Bureau of Labor Statistics. April 2014-May 2015. <http://www.bls.gov/lau/laucntycur14.txt>.
- Pregnancy Risk Assessment Monitoring System (PRAMS), 2009-2011.
- Vital Statistics, Combined 2012 & 2013.
- National Survey of Children's Health (NSCH), Survey occurred during 2011/2012.
- Combined MN/WI Hospital Inpatient Data, Combined 2012 & 2013.
- National Survey of Children with Special Health Care Needs (NS-CSHCN), Survey occurred during 2009/2010.
- Behavioral Risk Factor Surveillance System (BRFSS), Combined 2012 & 2013.

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