INFANT AND EARLY CHILDHOOD RISKS AND SERVICES ASSESSMENT OF WISCONSIN COUNTIES

Tammi Kohlman

MPH Capstone Project

Medical College of Wisconsin

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OUTLINE

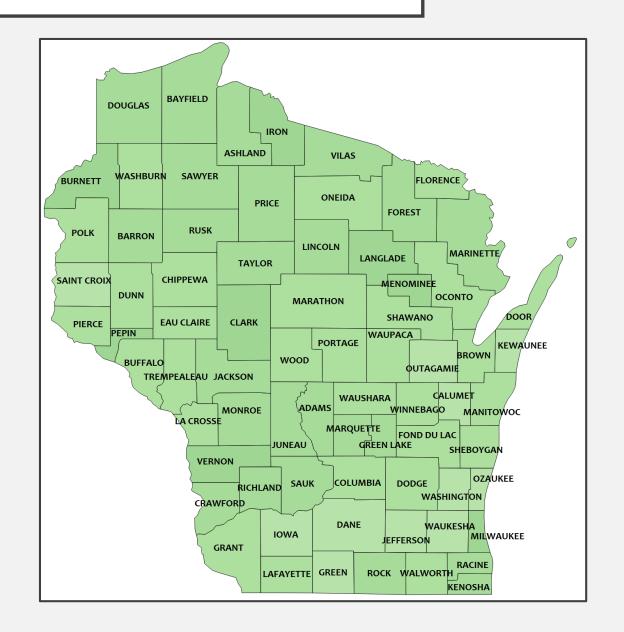
- Introduction
- Purpose
- Methods
- Risk Indicators
- Overall Risk
- Reach Assessment
- Limitations
- Conclusion

INTRODUCTION

- The experiences of infants and young children have profound, lasting impacts on their physical and mental health, as well as on learning and behavior.
- Research has shown that certain factors place children at an increased risk for negative outcomes, not just during childhood but also into adulthood.
- Services that support a child's health and early learning can improve outcomes for children who face adversity during the critical period of development from birth to age five.

INTRODUCTION

- Approximately 336,000 children under age five reside in Wisconsin's 72 counties.
- The risks to healthy development that these children face can vary widely depending on where they reside.
- County-level data can provide a more accurate picture of the true level of need than statewide statistics.



PURPOSE

Risk assessment: Identifies the counties whose children are at the greatest and lowest risk of negative developmental outcomes based on 11 health, safety, and economic risk indicators.

Reach assessment: Examines the current availability and utilization of 5 programs aimed at improving outcomes for this age group in relation to the overall level of risk faced by children in each county.

This information is meant to inform conversations regarding how to best meet the developmental needs of Wisconsin's youngest and most vulnerable population.

METHODS

Risk Indicators & Programs were chosen based on:

- A review of current literature (33 journal articles & 9 publications with relevant research data) regarding the potential long-term negative impacts on a child's health and functioning
- The availability of reliable and recent statewide county-level data

METHODS

Data sources used for the indicators and services:

American Community Survey: www.census.gov/programs-surveys/acs/

County Health Rankings: http://www.countyhealthrankings.org/

Easy Access to Juvenile Populations (EZAPOP): www.ojjdp.gov/ojstatbb/ezapop/

Feeding America's Map the Meal Gap: http://map.feedingamerica.org/

Kids Count database: https://datacenter.kidscount.org/

Wisconsin Department of Children and Families (DCF)

Wisconsin Department of Public Instruction (DPI), Office of Early Learning

Wisconsin Food Security Project: http://www.foodsecurity.wisc.edu/

Wisconsin Interactive Statistics on Health (WISH): www.dhs.wisconsin.gov/wish

METHODS

- Z-scores (representing the number of standard deviations that an individual county's rate falls above or below the state average) are used to determine the levels of risk and reach.
- Provides a more accurate representation of the true risk to the children in each county than dividing all counties into equal groups (such as quartiles).

Low Risk/Reach: Z-score of less than -1.00 (more than one standard deviation below the state average)

Low-Moderate Risk/Reach: Z-score of -1.00 to zero (equal to the state average)

Moderate-High Risk/Reach: Z-score of 0.01 (just above the state average) to 1.00

High Risk/Reach: Z-score greater than 1.00 (more than one standard deviation above the state average)

RISK INDICATORS

Health

- Births to mothers who received inadequate prenatal care
- Low-weight births
- Births to teenage mothers
- Infant mortality rate
- Children under age 6 without medical insurance
- Children age 19 to 35 months lacking complete immunizations

Safety

- Victimization rate for children under 6 years old
- Out of home placement rate for children under 6 years old

Economic

- Births to mothers without a high school diploma
- Children under age 5 in poverty
- Children ages 0-18 who are food insecure

INADEQUATE PRENATAL CARE

Percentage of births where the mother either first received prenatal care in the 3rd trimester or none at all

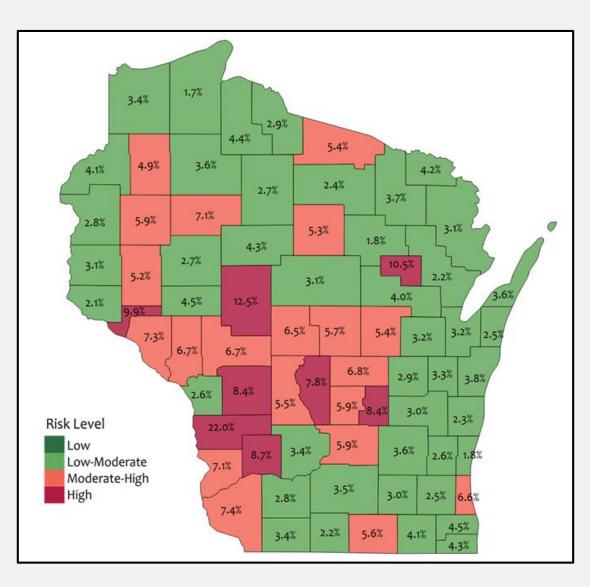
Source: WISH

Statewide: 4.6%

Lowest: Bayfield (1.7%)

Highest: Vernon (22%)

	Low-Mo	derate		Mode	rate-High	High
Bayfield	Washington	Saint Croix	Forest	Washburn	Marquette	Adams
Langlade	Chippewa	Brown	Manitowoc	Dunn	Wood	Green Lake
Ozaukee	Price	Outagamie	Shawano	Lincoln	Milwaukee	Monroe
Pierce	lowa	Calumet	Burnett	Vilas	Jackson	Richland
Green	Polk	Douglas	Walworth	Waupaca	Trempealeau	Pepin
Oconto	Iron	Lafayette	Florence	Juneau	Waushara	Menominee
Sheboygan	Winnebago	Sauk	Kenosha	Rock	Crawford	Clark
Oneida	Fond du Lac	Dane	Taylor	Portage	Rusk	Vernon
Kewaunee	Jefferson	Dodge	Ashland	Barron	Buffalo	
Waukesha	Marathon	Door	Eau Claire	Columbia	Grant	
La Crosse	Marinette	Sawyer	Racine			



LOW-WEIGHT BIRTHS

Percentage of infants born weighing less than 2,500 grams (5lbs 8oz)

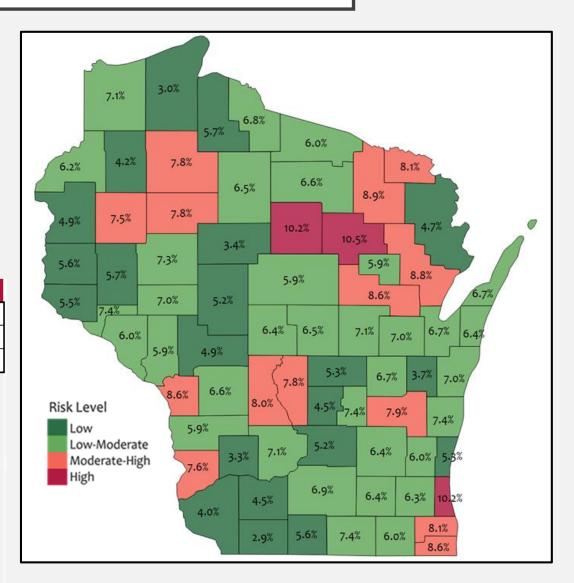
Source: WISH

Statewide: 7.4%

■ Lowest: Lafayette (2.9%)

Highest: Langlade (10.5%)

Lo	w	Lo	w-Moderate)	Moderat	e-High	High
Lafayette	Polk	Marathon	Kewaunee	Eau Claire	Barron	Florence	Lincoln
Bayfield	Clark	Menominee	Wood	Manitowoc	Crawford	Racine	Milwaukee
Richland	Columbia	Trempealeau	Portage	Outagamie	Adams	Kenosha	Langlade
Taylor	Ozaukee	Vernon	Price	Douglas	Rusk	La Crosse	
Calumet	Waushara	Buffalo	Monroe	Sauk	Sawyer	Shawano	
Grant	Pierce	Vilas	Oneida	Waupaca	Fond du Lac	Oconto	
Washburn	Green	Walworth	Brown	Chippewa	Juneau	Forest	
Iowa	St. Croix	Washington	Door	Green Lake			
Marquette	Ashland	Burnett	Winnebago	Pepin			
Marinette	Dunn	Waukesha	Iron	Rock			
Jackson		Dodge	Dane	Sheboygan			
		Jefferson					



BIRTHS TO TEENAGE MOTHERS

Percentage of births to mothers under 20 years of age

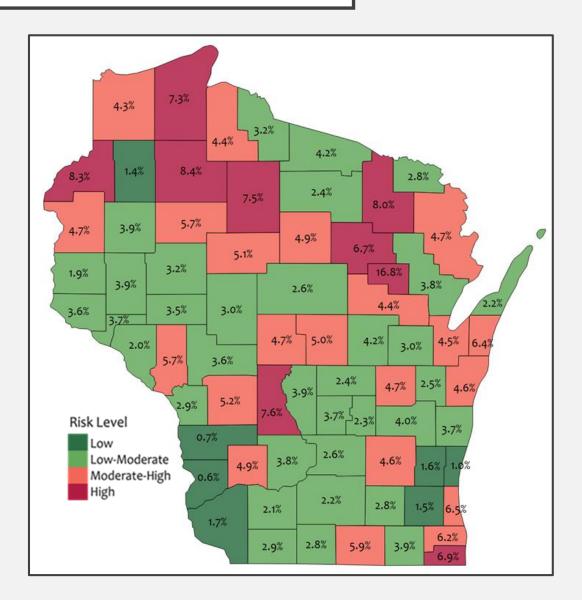
Source: WISH

Statewide: 4.2%

Lowest: Crawford (0.6%)

Highest: Menominee (16.8%)

Low	l	ow-Modera	te	Moder	ate-High	High
Crawford	Saint Croix	Green	Pepin	Douglas	Richland	Langlade
Vernon	Buffalo	Jefferson	Sheboygan	Ashland	Portage	Kenosha
Ozaukee	Iowa	La Crosse	Oconto	Shawano	Taylor	Bayfield
Washbum	Dane	Lafayette	Sauk	Brown	Monroe	Price
Waukesha	Door	Clark	Adams	Dodge	Rusk	Juneau
Washington	Green Lake	Outagamie	Barron	Manitowoc	Trempealeau	Forest
Grant	Oneida	Chippewa	Dunn	Marinette	Rock	Burnett
	Waushara	Iron	Walworth	Polk	Racine	Sawyer
	Calumet	Eau Claire	Fond du Lac	Winnebago	Kewaunee	Menominee
	Columbia	Jackson	Vilas	Wood	Milwaukee	
	Marathon	Pierce	Waupaca	Lincoln		
	Florence	Marquette				



INFANT MORTALITY RATE

Number of infant deaths prior to 365 days of age per 1,000 live births

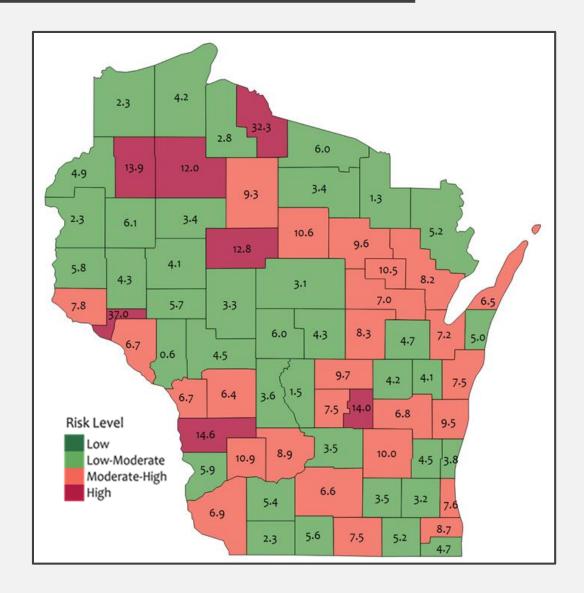
Source: WISH

Statewide: 6.2 per 1,000

Lowest: Trempealeau (0.6)

Highest: Pepin (37.0)

Lo	w-Moderate		Modera	ate-High	High
Trempealeau	Jefferson	Burnett	Monroe	Pierce	Sawyer
Forest	Juneau	Kewaunee	Door	Oconto	Taylor
Adams	Ozaukee	Marinette	Dane	Waupaca	Washburn
Douglas	Calumet	Walworth	Buffalo	Racine	Green Lake
Lafayette	Chippewa	Iowa	La Crosse	Sauk	Vernon
Polk	Bayfield	Green	Fond du Lac	Price	Iron
Ashland	Winnebago	Eau Claire	Grant	Sheboygan	Pepin
Marathon	Dunn	St. Croix	Shawana	Langlade	
Waukesha	Portage	Crawford	Brown	Waushara	
Clark	Jackson	Vilas	Manitowoc	Dodge	
Oneida	Washington	Wood	Marquette	Menominee	
Rusk	Kenosha	Barron	Rock	Lincoln	
Columbia	Outagamie		Milwaukee	Richland	



MEDICALLY UNINSURED

Estimated percentage of children under age 6 without medical insurance

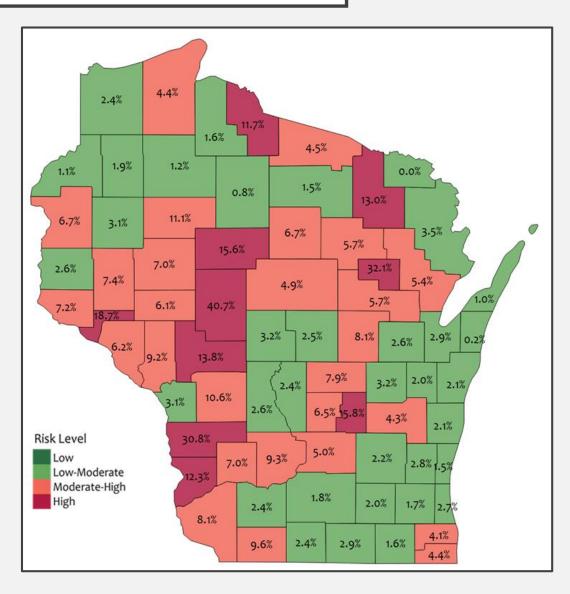
Source: American Community Survey

Statewide: 4.0%

Lowest: Florence (0.0%)

Highest: Clark (40.7%)

ı	Low-Modera	te	N	/loderate-Hi	gh	High
Florence	Washburn	Outagamie	Racine	Shawano	Dunn	Iron
Kewaunee	Calumet	St. Croix	Fond du Lac	Eau Claire	Waushara	Crawford
Price	Jefferson	Milwaukee	Bayfield	Buffalo	Grant	Forest
Door	Manitowoc	Washington	Kenosha	Marquette	Waupaca	Jackson
Burnett	Sheboygan	Brown	Vilas	Lincoln	Trempealeau	Taylor
Sawyer	Dodge	Rock	Marathon	Polk	Sauk	Green Lake
Oneida	Adams	Barron	Columbia	Chippewa	Lafayette	Pepin
Ozaukee	Douglas	La Crosse	Oconto	Richland	Monroe	Vernon
Ashland	Green	Winnebago	Langlade	Pierce	Rusk	Menominee
Walworth	lowa	Wood	•			Clark
Waukesha	Portage	Marinette				
Dane	Juneau					



INCOMPLETE IMMUNIZATIONS

Percentage of children aged 19 to 35 months who had not received the recommended doses of DTaP, polio, MMR, Hib, hepatitis B, varicella, and Pneumococcal conjugate

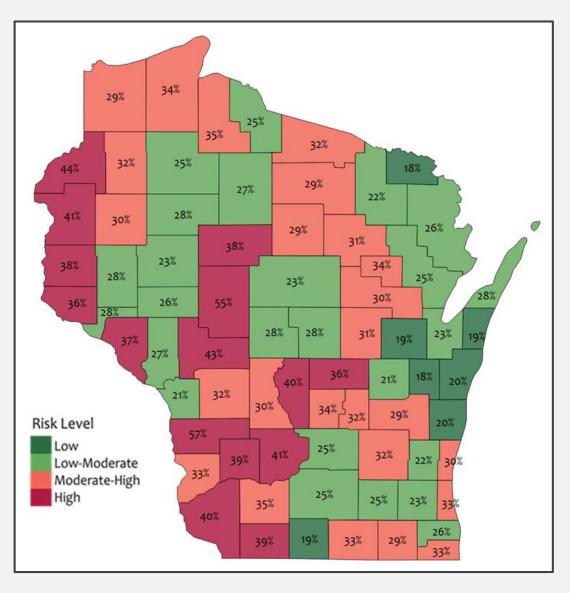
Source: County Health Rankings

Statewide: 28.5%

Lowest: Florence (18%)

Highest: Vernon (57%)

Low	Low-M	oderate	Modera	ate-High	Hig	h
Florence	La Crosse	Jefferson	Walworth	Green Lake	Waushara	Grant
Calumet	Winnebago	Racine	Douglas	Vilas	Pierce	Polk
Green	Forest	Marinette	Oneida	Washburn	Buffalo	Sauk
Outagamie	Washington	Eau Claire	Fond du Lac	Kenosha	Taylor	Jackson
Kewaunee	Brown	Price	Lincoln	Milwaukee	St. Croix	Burnett
Sheboygan	Chippewa	Trempealeau	Juneau	Crawford	Richland	Clark
Manitowoc	Marathon	Portage	Shawano	Rock	Lafayette	Vemon
	Waukesha	Dunn	Barron	Marquette	Adams	
	Dane	Door	Ozaukee	Bayfield		
	Iron	Rusk	Waupaca	Menominee		
	Oconto	Wood	Langlade	Ashland		
	Sawyer	Pepin	Monroe	Iowa		
	Columbia		Dodge			



VICTIMIZATION RATE

Number of children under 6 years old determined to be victims of maltreatment per 1,000 estimated population

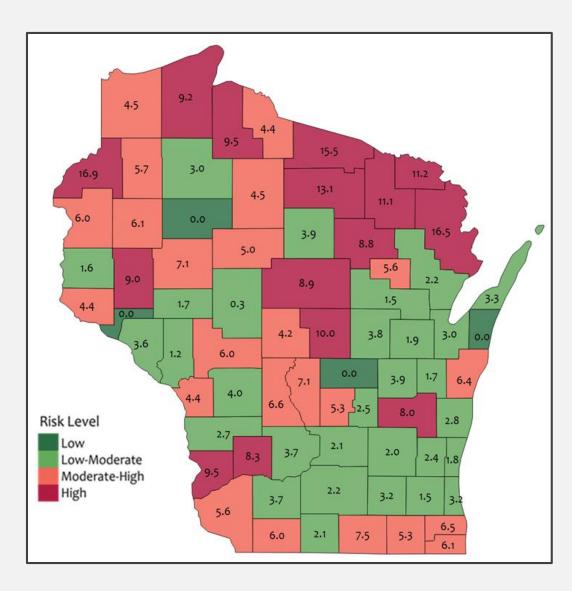
Source: WI DCF (data request)

Statewide: 4.0 per 1,000

Lowest: Kewaunee, Pepin, Rusk, Waushara (0.0)

Highest: Burnett (16.9)

Low	Lo	ow-Moderate	:	Modera	te-High	Hig	h
Kewaunee	Clark	Columbia	Jefferson	Wood	Jackson	Fond du Lac	Portage
Pepin	Trempealeau	Green	Milwaukee	Iron	Lafayette	Richland	Forest
Rusk	Shawano	Dane	Door	La Crosse	Polk	Langlade	Florence
Waushara	Waukesha	Oconto	Buffalo	Pierce	Barron	Marathon	Oneida
	Saint Croix	Washington	Iowa	Douglas	Kenosha	Dunn	Vilas
	Calumet	Green Lake	Sauk	Price	Manitowoc	Bayfield	Marinette
	Eau Claire	Vernon	Waupaca	Taylor	Racine	Ashland	Burnett
	Ozaukee	Sheboygan	Lincoln	Marquette	Juneau	Crawford	
	Outagamie	Brown	Winnebago	Walworth	Adams		•
	Dodge	Sawyer	Monroe	Grant	Chippewa		
				Menominee	Rock		
				Washburn			



OUT OF HOME PLACEMENT RATE

Number of entries into out of home care for children under 6 years old per 1,000 estimated population

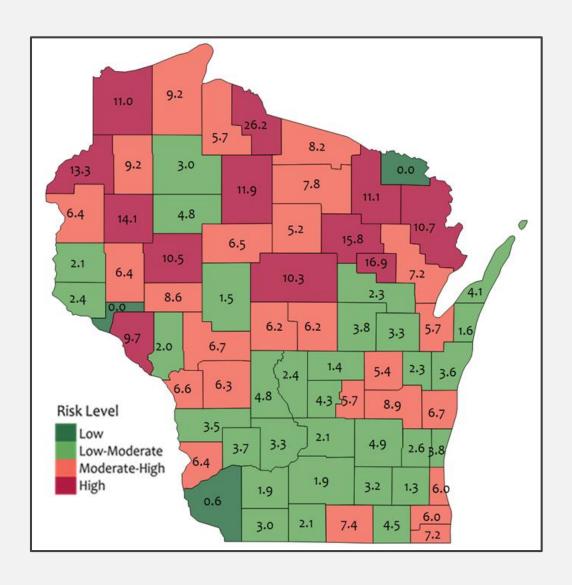
Source: WI DCF (data request)

Statewide: 5.1 per 1,000

Lowest: Florence and Pepin (0.0)

Highest: Iron (26.2)

Low	Lo	ow-Moderate	1	Modera	ate-High	High
Florence	Waukesha	Shawano	Manitowoc	Lincoln	Taylor	Buffalo
Pepin	Waushara	Adams	Richland	Winnebago	La Crosse	Marathon
Grant	Clark	Pierce	Ozaukee	Ashland	Jackson	Chippewa
	Kewaunee	Washington	Waupaca	Brown	Sheboygan	Marinette
	Dane	Lafayette	Door	Green Lake	Kenosha	Douglas
	Iowa	Sawyer	Marquette	Milwaukee	Oconto	Forest
	Trempealeau	Jefferson	Walworth	Racine	Rock	Price
	Columbia	Outagamie	Juneau	Portage	Oneida	Bumett
	Green	Sauk	Rusk	Wood	Vilas	Barron
	Saint Croix	Vernon	Dodge	Monroe	Eau Claire	Langlade
	Calumet			Crawford	Fond du Lac	Menominee
		•		Dunn	Bayfield	Iron
				Polk	Washbum	



MOTHERS WITHOUT HIGH SCHOOL DIPLOMA

Percentage of births to mothers without a high school diploma

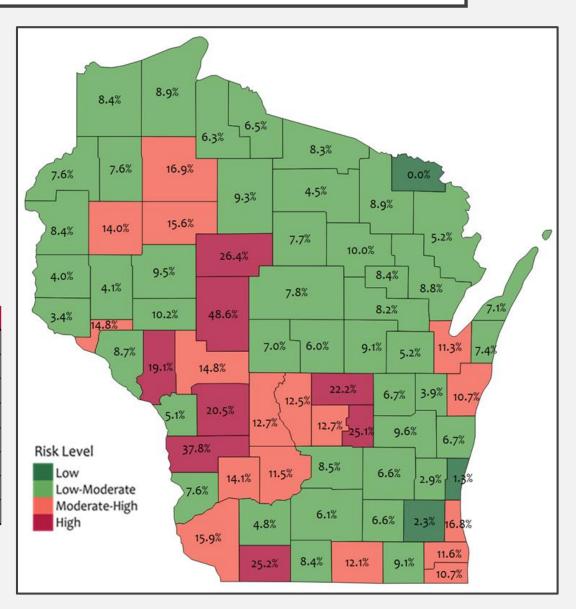
Source: WISH

Statewide: 10.5%

Lowest: Florence (0.0%)

Highest: Clark (48.6%)

Low		Low-M	oderate		Modera	te-High	High
Florence	Washington	Dane	Washburn	Buffalo	Kenosha	Barron	Trempealeau
Ozaukee	Pierce	Ashland	Crawford	Oconto	Manitowoc	Richland	Monroe
Waukesha	Calumet	Iron	Lincoln	Bayfield	Brown	Jackson	Waushara
	Saint Croix	Dodge	Marathon	Forest	Sauk	Pepin	Green Lake
	Dunn	Jefferson	Shawano	Walworth	Racine	Rusk	Lafayette
	Oneida	Sheboygan	Vilas	Waupaca	Rock	Grant	Taylor
	lowa	Winnebago	Green	Price	Adams	Milwaukee	Vernon
	La Crosse	Wood	Polk	Chippewa	Marquette	Sawyer	Clark
	Outagamie	Door	Menominee	Fond du Lac	Juneau		
	Marinette	Kewaunee	Douglas	Langlade			
	Portage	Burnett	Columbia	Eau Claire			



CHILDREN IN POVERTY

Estimated percentage of children under age 5 in poverty

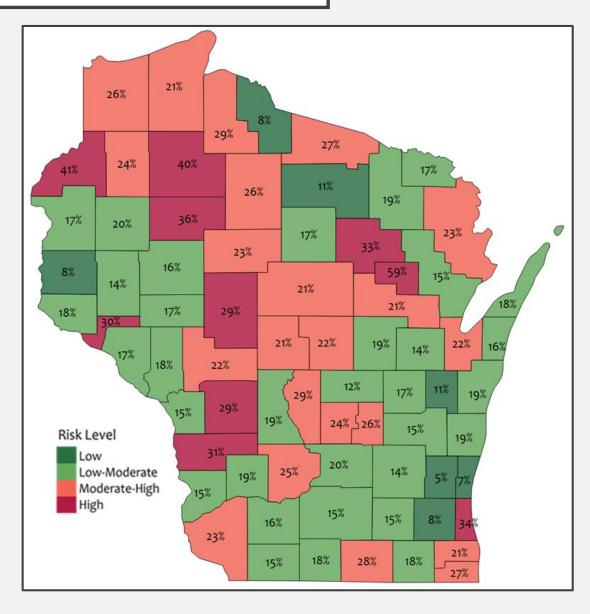
Source: American Community Survey

Statewide: 20.5%

Lowest: Washington (5%)

Highest: Menominee (59%)

Low	L	.ow-Moderate)	Moder	ate-High	High
Washington	Waushara	Chippewa	Pierce	Racine	Washburn	Monroe
Ozaukee	Dodge	Kewaunee	Green	Shawano	Marquette	Clark
Waukesha	Outagamie	Iowa	Walworth	Bayfield	Sauk	Pepin
St. Croix	Dunn	Eau Claire	Forest	Marathon	Douglas	Vernon
Iron	Fond du Lac	Florence	Sheboygan	Wood	Price	Langlade
Oneida	Crawford	Polk	Waupaca	Brown	Green Lake	Milwaukee
Calumet	Oconto	Lincoln	Richland	Portage	Vilas	Rusk
	Jefferson	Buffalo	Juneau	Jackson	Kenosha	Sawyer
	La Crosse	Winnebago	Manitowoc	Marinette	Rock	Burnett
	Dane	Door	Barron	Grant	Adams	Menominee
	Lafayette	Trempealeau	Columbia	Taylor	Ashland	



CHILD FOOD INSECURITY

Estimated percentage of children ages 0-18 who are food insecure (lack consistent access to enough food for an active, healthy life)

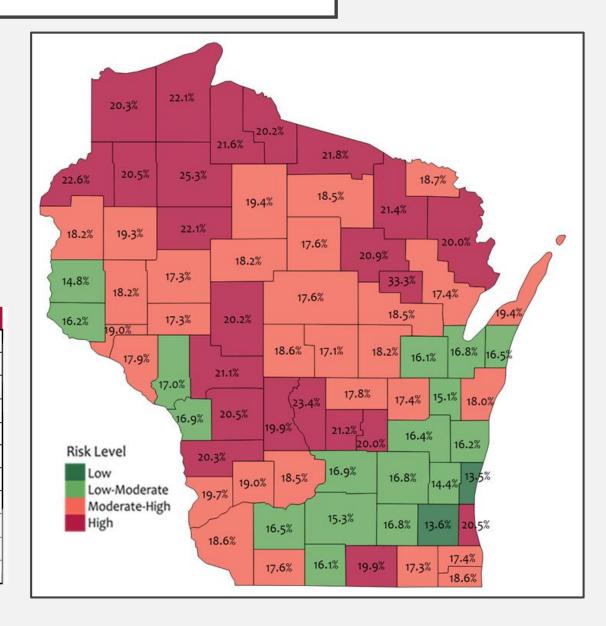
Source: Feeding America's Map the Meal Gap

Statewide: 17.0%

Lowest: Ozaukee (13.5%)

Highest: Menominee (33.3%)

Low	Low-M	oderate	M	oderate-High	1	High		
Ozaukee	Washington	lowa	Portage	Waushara	Grant	Juneau	Jackson	
Waukesha	Saint Croix	Kewaunee	Chippewa	Buffalo	Kenosha	Rock	Marquette	
	Calumet	Brown	Eau Claire	Manitowoc	Wood	Green Lake	Forest	
	Dane	Dodge	Walworth	Dunn	Florence	Marinette	Ashland	
	Green	Jefferson	Oconto	Polk	Pepin	Clark	Vilas	
	Outagamie	Columbia	Racine	Taylor	Richland	Iron	Bayfield	
	Pierce	La Crosse	Winnebago	Waupaca	Barron	Douglas	Rusk	
	Sheboygan	Trempealeau	Lafayette	Oneida	Door	Vernon	Burnett	
	Fond du Lac		Lincoln	Sauk	Price	Milwaukee	Adams	
			Marathon	Shawano	Crawford	Monroe	Sawyer	
						Washburn	Menominee	
						Langlade		



OVERALL RISK

- Shows where Wisconsin counties fall along a continuum of risk
- Focuses attention on the counties (and the young children who reside in them)
 who face the greatest challenges and have the highest need for services and
 support
- Identifies the counties with the lowest-risk environments in the hope that knowledge of how these counties minimize risks to their youngest residents can inform efforts in other counties

OVERALL RISK

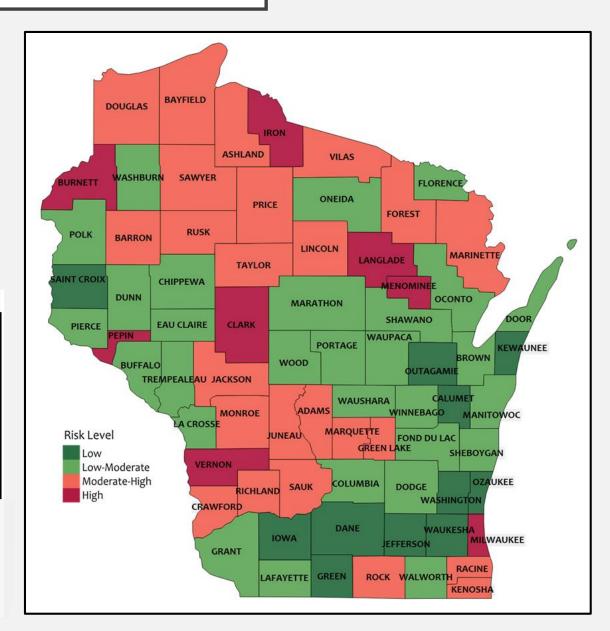
An overall risk score (ORS) was calculated for each county by summing its z-scores for the I I risk indicators, and then using this number (along with the state average and the standard deviation) to calculate a new, composite z-score which determined the overall risk level.

- Low Overall Risk Level: ORS of less than -1.0 (more than one standard deviation below the state average)
- Low-Moderate Risk Level: ORS between zero (equal to the state average) and -1.0
- Moderate-High Risk Level: ORS between 0.1 (just above the state average) and 1.0
- High Risk Level: ORS of greater than 1.0 (more than one standard deviation above the state average)

OVERALL RISK

- Approximately 92,000 children under age 5 reside in Low Risk counties
- III,000 in Low-Moderate Risk counties
- 60,000 in Moderate-High Risk counties
- 74,000 in High Risk counties

Low		Low-Moderate	е	Modera	ate-High	High
Waukesha	Columbia	Oneida	Polk	Douglas	Barron	Milwaukee
Calumet	Winnebago	Manitowoc	Shawano	Bayfield	Kenosha	Iron
Ozaukee	Sheboygan	Eau Claire	Wood	Marquette	Jackson	Pepin
Washington	Florence	Marathon	Fond du Lac	Ashland	Taylor	Langlade
Green	Pierce	Lafayette	Portage	Racine	Rusk	Burnett
St. Croix	Door	Oconto	Grant	Marinette	Adams	Clark
Outagamie	La Crosse	Trempealeau	Waupaca	Sauk	Rock	Vernon
Kewaunee	Dodge	Dunn	Washburn	Crawford	Vilas	Menominee
Dane	Walworth	Chippewa	Buffalo	Lincoln	Forest	
Iowa	Brown	Waushara		Price	Monroe	
Jefferson				Juneau	Sawyer	
				Richland	Green Lake	



REACH ASSESSMENT

- Percent of children under age 5 enrolled in WIC
- Percent of children receiving services through Birth-to-3 Program
- Number of licensed child care slots per 100 children under age 5
- Number of Head Start & Early Head Start slots per 100 children under age 5 in poverty
- Percent of children eligible to receive free or reduced-price school meals

Data presented along with each county's Overall Risk Level

CHILDREN UNDER AGE 5 ENROLLED IN WIC

Reach calculated by dividing infant and child enrollment by the estimated population of children under 5 years old.

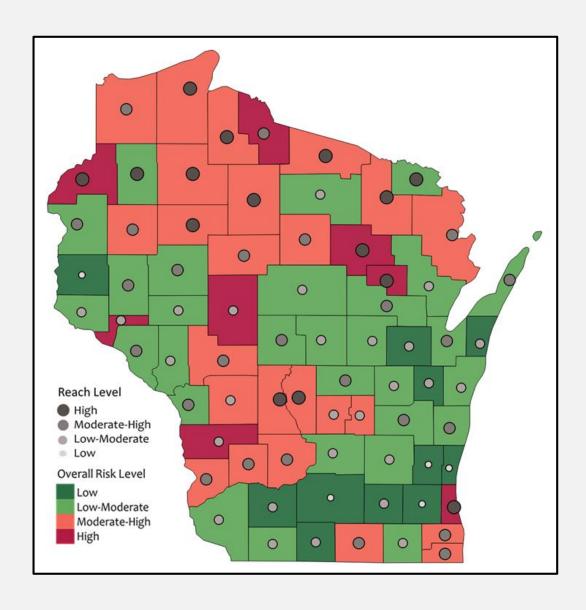
Sources: Kids Count, EZAPOP

Statewide: 35%

Highest: Menominee (98%); Lowest: Ozaukee (11%)

 4 of 8 High ORS counties have High Reach while all 11 Low ORS counties have Low or Low-Mod Reach

High Reach	Moderate-High Reach		Low-Moderate Reach		Low Reach
Menominee	Jackson	Barron	Dodge	Walworth	Dane
Ashland	Douglas	Taylor	Oconto	Trempealeau	Saint Croix
Sawyer	Door	Sauk	Marquette	Winnebago	Washington
Burnett	Racine	Waushara	Monroe	Oneida	Waukesha
Juneau	Shawano	La Crosse	Eau Claire	Waupaca	Ozaukee
Price	Kenosha	Buffalo	Manitowoc	Pierce	
Vilas	Rock	Crawford	Jefferson	Lafayette	
Adams	Marinette	Chippewa	Marathon	Columbia	
Milwaukee	Polk	Dunn	Pepin	Iowa	
Forest	Iron	Richland	Green	Outagamie	
Washburn	Brown	Fond du Lac	Grant	Calumet	
Bayfield	Wood	Sheboygan	Portage	Clark —	
Florence	Lincoln		Kewaunee	Vernon	
Rusk			Green Lake		
Langlade					



CHILDREN SERVED BY BIRTH-TO-3 PROGRAM

Reach determined by the percentage of children receiving services in each county.

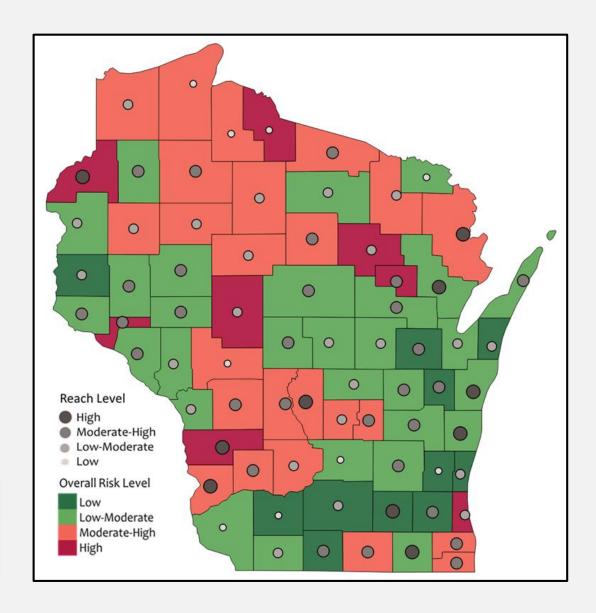
Source: DCF Annual Performance Report

Statewide: 2.85%

Highest: Adams (6.8%); Lowest: Ashland (1.1%)

Little correlation between reach and overall risk

uid s. I		1				Low Reach
High Reach		Moderate-High Reach			Low-Moderate Reach	
Adams	Outagamie	Waukesha	Vilas	La Crosse	Clark	Columbia
Burnett	Dodge	Green	Fond du Lac	Douglas	Portage	Washington
Vernon	Shawano	Juneau	Calumet	Rusk	Lafayette	Iron
Oconto	Sawyer	Pierce	Lincoln	Barron	Brown	Jackson
Walworth	Monroe	Pepin	Winnebago	Oneida	Forest	Grant
Crawford	Dunn	Chippewa	Green Lake	Ozaukee	Polk	Iowa
Sheboygan	Door	Wood	Richland	Kewaunee	Sauk	Bayfield
Marinette	Rock	Washburn	Racine	Waushara	Dane	Florence
Manitowoc	Eau Claire	Menominee	Kenosha	Price	Trempealeau	Ashland
Jefferson	Buffalo	Marathon		Taylor	Marquette	
				Saint Croix	Waupaca	
				Milwaukee	Langlade	



LICENSED CHILD CARE SLOTS

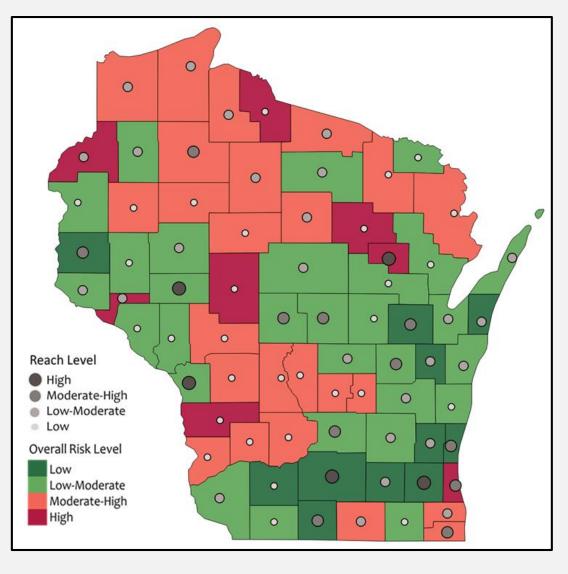
Reach calculated by first multiplying reported capacity by 1.3 (to account for part-time), then by 100, and dividing by estimated population of children under 5 years old.

- Sources: Kids Count, EZAPOP
- Statewide: 58 slots per 100 children under 5 years old
- Highest: Dane (85); Lowest: Richland (19)
- 6 of 8 High ORS counties have Low or Low-Mod Reach while 6
 of 11 Low ORS counties have High or Mod-High Reach

High Reach
Dane
La Crosse
Eau Claire
Menominee
Waukesha

Moderate-High	Low-Mode	rate Reach	
Ozaukee	Pepin	Grant	
Portage	Burnett	Price	
Wood	Racine	Marathon	
Sawyer	Douglas	Oneida	
Saint Croix	Brown	Pierce	
Winnebago	Chippewa	Door	
Green	Washington	Washburn	
Milwaukee	Ashland	Jefferson	
Kenosha	Kewaunee	Waushara	
Outagamie	Lincoln	Fond du Lac	
Columbia	Manitowoc	Vilas	
	Rock	Calumet	
	Dodge	Bayfield	

Low Reach				
Dunn	Iron	Forest		
Marinette	Shawano	Taylor		
Crawford	Adams	Monroe		
Barron	Polk	Oconto		
Waupaca	Trempealeau	Florence		
Jackson	Iowa	Clark		
Sheboygan	Langlade	Juneau		
Walworth	Rusk	Vernon		
Sauk	Marquette	Buffalo		
Green Lake	Lafayette	Richland		

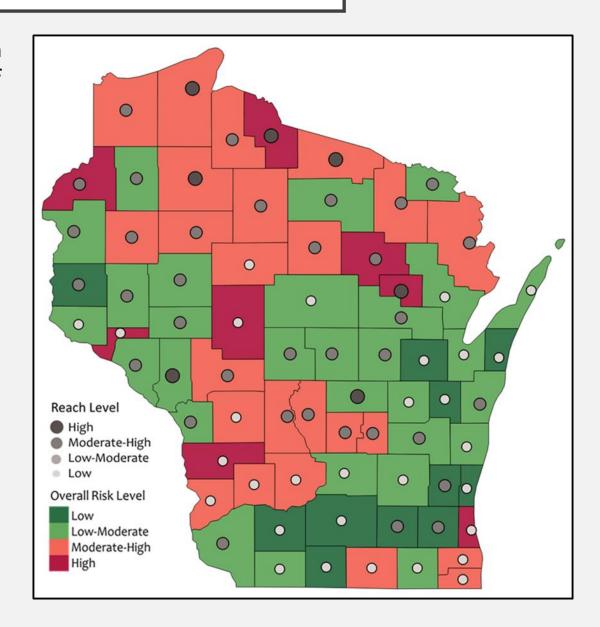


HEAD START & EARLY HEAD START SLOTS

Reach calculated by multiplying available slots by 100 then dividing by estimated number of children under the age of 5 in poverty.

- Sources: DPI, American Community Survey
- Statewide: 21.4 slots per 100 children under 5 in poverty
- Highest: Iron (313); Lowest: Pepin, Kewaunee, Calumet (0)
- Little correlation between reach and overall risk

High Reach	Moderate-High Reach		Low-Moderate Reach		Reach	
Iron	Ashland	Marquette	Manitowoc	Sheboygan	Marathon	lowa
Waushara	Oneida	Juneau	Eau Claire	Richland	Brown	Monroe
Bayfield	Washingto	Chippewa	Barron	Green	Columbia	Rock
Vilas	Florence	Langlade	Marinette	Racine	Lafayette	Door
Menominee	Burnett	Wood	Waukesha	Milwaukee	Winne bago	Vemon
Sawyer	Dunn	Polk	Grant	Dane	Crawfo rd	Pierce
Trempealeau	Lincoln	Jefferson	Portage	Kenosha	Clark	Ozaukee
	Douglas	Price	Green Lake	Dodge	Oconto	Calumet
	Buffalo	Jackson	Fond du Lac	Outagamie	Taylor	Kewaunee
	Forest	Shawano	Waupaca	Sauk	Walworth	Pepin
	Washburn	Rusk	Saint C <mark>roix</mark>			
	Adams	La Crosse				



FREE OR REDUCED-PRICE SCHOOL MEALS

Pierce

`alumet

Ozaukee

Reach determined by percent of children (PreK-High School) eligible to receive free or reduced-price school meals.

Sources: DPI via WI Food Security Project

Statewide: 44.6%

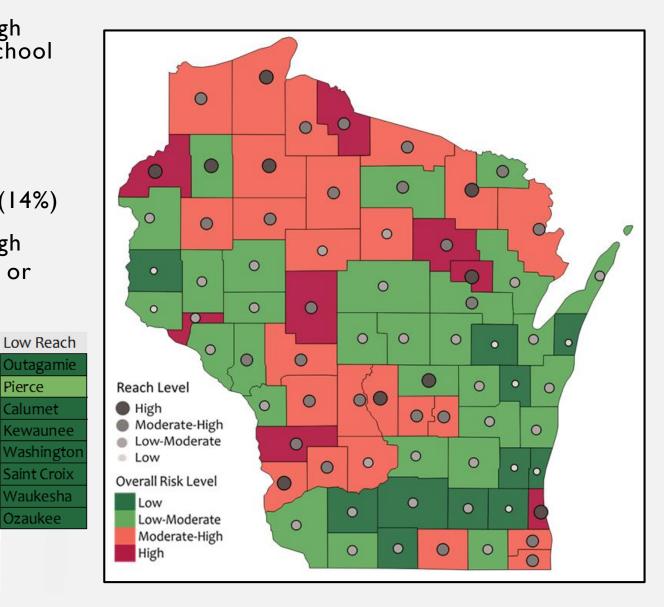
Highest: Menominee (100%); Lowest: Ozaukee (14%)

7 of 8 High ORS counties have High or Mod-High Reach while all II Low ORS counties have Low or Low-Mod Reach

High Reach	
Menominee	
Adams	
Milwaukee	1
Waushara	-
Forest	ı
Bayfield	I
Burnett	I
Sawyer	I
Washburn	
Crawford	

Moderate-High Reach					
Langlade	Vilas	Marinette			
Rusk	Clark	Barron			
Ashland	Marquette	Price			
Juneau	Iron	Douglas			
Racine	Jackson	Vernon			
Rock	Richland	Trempealeau			
Florence	Monroe	Oneida			
Kenosha	Shawano	Green Lake			

Low-Moderate Reach					
Walworth	Fond du Lac	La Crosse			
Chippewa	Oconto	Sheboygan			
Lincoln	Green	Door			
Dodge	Brown	Columbia			
Polk	Dunn	Portage			
Wood	Winnebago	Manitowoc			
Grant	Taylor	Pepin			
Waupaca	Marathon	Buffalo			
Eau Claire	Jefferson	Iowa			
Sauk	Lafayette	Dane			



LIMITATIONS

- County-level data does not reflect the differences in risk & reach that exist within counties
- Lack of disaggregated data by race/ethnicity
- Absence of tribal data for some indicators and services
- All the potential risks to healthy child development or all the services currently available in counties throughout the state are not included
- No data regarding protective factors

CONCLUSION

There exist both strengths to build upon and vulnerabilities to address within every county

- Almost half of all counties are rated as low risk for at least one risk indicator
- Every county was rated as low-moderate risk for at least two risk indicators
- Over 90% of all counties have at least one moderate-high risk indicator
- Nearly 75% of all counties are rated as high risk for at least one risk indicator

Exposure to risk factors increases the likelihood of adverse outcomes but does not guarantee such outcomes will occur. Countless prevention and intervention strategies exist that can mitigate these effects, and any reduction of risk can lead to improved outcomes.