

AFFINITY/THEDACARE COMMUNITY HEALTH NEEDS ASSESSMENT 2012

DATA REPORT
Shawano Medical Center

REPORT APPROACH AND ORGANIZATION

Shawano Medical Center primarily serves Shawano County and parts of Menominee County. While it also serves two communities in Waupaca County, those communities are primarily served by another hospital, and so their health needs are addressed in that hospital’s reports.

The majority of the data in this report have been taken from the County Health Rankings compiled by the University of Wisconsin Population Health Institute in partnership with the Robert Wood Johnson Foundation. This approach has several results:

- Municipal-level health needs are included if data were available, relevant to the County Health Rankings model, and current (generated since 2007)
- Population-level health needs are included if data were available and current (generated since 2007)
- Communities that do not fall within the 80% service area population boundary set by the IRS are omitted

Data gathered from sources other than the County Health Rankings are noted in the same cell as the data. One data source — the Healthy Shawano County report — includes both community health needs and a plan, with specific goals, to meet those needs.

The report includes data on the following counties, towns and zip codes:

COMMUNITIES ADDRESSED IN THIS CHNA, SERVED BY APPLETON MEDICAL CENTER, ST. ELIZABETH’S HOSPITAL AND THEDA CLARK MEDICAL CENTER		
County	City, Town, Village	Zip Code
Shawano	Bonduel	54107
Shawano	Cecil	54111
Shawano	Gresham	54128
Shawano	Shawano	54166
Shawano	Leopolis	54948
Shawano	Tigerton	54486
Shawano	Wittenberg	54499
Menominee	Keshena	54135

COMMUNITIES OMITTED FROM THIS CHNA, WITH AN EXPLANATION OF HOW THEIR HEALTH NEEDS WERE ASSESSED

County	City, Town, Village	Zip Code	Explanation of Exclusion from this CHNA
Waupaca	Clintonville	54929	Waupaca County communities are included in Riverside Medical Center Community Health Needs Assessment.
Waupaca	Embarrass	54933	

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DATA SOURCES USED IN THIS REPORT

SOURCE	YEAR	CONTACT INFO OR LINK	NOTES
County Health Rankings	2011 & 2012	www.countyhealthrankings.org/#app/	Used both 2011 and 2012 data, as well as county health profiles.
Shawano County Health Plan 2015	2009	Becky Hovarter Becky.Hovarter@co.shawano.wi.us	The health plan is part of the “Healthy Shawano County” initiative. It includes data from several other sources, including the Youth Behavioral Risk Factor Surveillance Surveys and phone surveys. We received the information from the Shawano County Health Department.
The Behavioral Risk Factor Surveillance System in Shawano County	2008	n/a	As a supporting document for the Shawano County Health Plan.
Wisconsin Department of Transportation	2010	www.dot.wisconsin.gov	County-by-county data on crashes and seatbelt use.
The Wisconsin Dental Association’s “Burden of Oral Disease in Wisconsin – 2010”	2010	www.dhs.wisconsin.gov/publications/P0/P00209.pdf	n/a
U.S. Census Bureau	2010	www.quickfacts.census.gov	n/a
Wisconsin Hospital Association – Shawano Medical Center profile	FY 2010	www.whainfocenter.com/data_resources/2010Guide/123_gms_2010.pdf	n/a
Rural Health Initiative (based in Shawano County)	2011	Rhonda Strebel Rhonda.strebel@thedacare.org (715) 524-1488	n/a
Menominee Indian Tribe of Wisconsin – Council Report	2011	www.menominee-nsn.gov	n/a
The Unmet Needs of the Menominee Nation: Challenges and Opportunities	2008	www.lafollette.wisc.edu/publicservice/tribal/menominee.pdf	n/a
The Menominee Tribal Clinic	2011	Faye Dodge fayed@mtclinic.net (715) 799-5440	The clinic provided a verbal assessment of the vulnerable populations and most significant health concerns, as well as several printed fact sheets about the AODA needs of the tribe.
CESA 8	2010	John Knickerbocker knickerb@cesa8.k12.wi.us (920) 855-2114 ext. 227	Although we contacted CESA 8 about youth data and had a few conversations with the contact, we did not receive actual data from them. This would be an area for follow-up.

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POPULATION DEMOGRAPHICS FOR SHAWANO MEDICAL CENTER’S PRIMARY SERVICE AREA (BY COUNTY, FROM 2012 COUNTY HEALTH RANKINGS)

DEMOGRAPHIC	SHAWANO	MENOMINEE	WISCONSIN
Population	41,166	4,513	5,654,774
% below 18 years of age	23%	34%	23%
% 65 and older	18%	10%	13%
% American Indian	7%	80%	1%
% African American	1%	2%	6%
% Asian	0%	0%	2%
% Hispanic	2%	9%	5%
% Not proficient in English	1%	6%	3%
% Females	50%	50%	50%
% Rural	77%	100%	32%
Overall statewide ranking on Health Outcomes (out of 72 counties)	60	72	n/a
Overall statewide ranking on Health Factors (out of 72 counties)	54	72	n/a

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		COUNTY HEALTH RANKINGS METRIC	SHAWANO CO.	MENOMINEE CO.	WIS. AVG.	U.S. AVG.	OTHER DATA FINDINGS AND SOURCES		
Health Outcomes									
			2011	2012	2011	2012	2012	2012	
A. Mortality		Premature deaths per 100,000	6,016	7,341	12,506	12,642	6,124	5,564	Shawano Co. <ul style="list-style-type: none">State rank for mortality: 63 <i>(County Health Rankings for Shawano Co.)</i>Suicide rate per 100,000: 16.7 <i>(Shawano County Health Plan 2015, May 2009)</i> Menominee Co. <ul style="list-style-type: none">State rank for mortality: 72Most common underlying causes of death: heart disease and cancer (often impacted by tobacco) <i>(Public Health Profile for Menominee Co., through County Health Rankings)</i>Top causes of mortality: Diseases of the heart; Cancer; Diabetes <i>(Shawano County Health Plan 2015, May 2009)</i>Ranks 7th in state for inpatient hospitalizations from self-inflicted injuryFrom 1999-2008, Menominee Co. had the highest suicide rate in the state (30 deaths per 100,000); this is twice that nat’l avg. for Native Americans2010 suicide attempts in county: 54 (about 1 per week) <i>(Tribal Clinic Fact Sheets on AODA impact)</i>
B. Morbidity		Poor or fair health	15%	15%	18%	16%	12%	10%	Shawano Co. <ul style="list-style-type: none">State rank for morbidity: 542008 most prevalent “new cancer” cases: Breast (151.9 per 100,000) and Prostate (221.9 per 100,000). <i>(Public Health Profile for Shawano Co., through County Health Rankings)</i>Top three observed factors affecting morbidity: 1) Heart disease/high cholesterol, 2) diabetes and 3) obesity/weight loss. <i>(Rhonda Strebel, director, Rural Health Initiative)</i>People are active, but only as part of their farm work – no additional exercise. Diet is also a big concern.
		Poor physical health days	3.5	3.8	3.7	3.5	3.3	2.6	
		Poor mental health days	2.7	3.1	3.6	3.5	3.0	2.3	
		Low birth weight	6.0%	6.2%	7.9%	7.5%	6.9%	6.0%	
		Diabetic	9%	10%	13%	13%	8.0%	n/a	

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Health Outcomes									
			2011	2012	2011	2012	2012	2012	
		HIV prevalence per 100,000	32	32	202	205	103	n/a	<div>(Rhonda Strebel, director, Rural Health Initiative)</div> <ul style="list-style-type: none">Resident with diabetes: 9% (add'l 1% diabetes during pregnancy)Residents with pre/borderline diabetes: 2%Rated monthly physical health as “good:” 59%Rated monthly mental health as “good:” 60%Residents with high cholesterol: 42% <div>(Shawano County Health Plan 2015, May 2009)</div> <div>Menominee Co.</div> <ul style="list-style-type: none">State rank for morbidity: 662008 most prevalent “new cancer” cases: Prostate (133.6 per 100,000). (Public Health Profile for Menominee Co., through County Health Rankings)2009 confirmed cases of Shigellosis: 21 (Public Health Profile for Menominee Co., through County Health Rankings)
	KEY FINDINGS	<p>Shawano County is below the state average in many of these outcomes, though the biggest areas for concern seem to be weight-related issues, heart disease and diabetes. It’s also important to note that, between 2011 and 2012, Shawano County’s numbers grew slightly worse. The premature deaths number is a good example.</p> <p>Menominee County’s mortality rate is significantly higher than its neighboring county of Shawano and the state average. While it seems to have lower cancer rates, its other morbidity factors are behind the state and national numbers. Diabetes, HIV and poor mental health days are specific areas to watch, as well as suicide rates.</p>							
	FOLLOW-UP QUESTIONS	<ul style="list-style-type: none">Why does Shawano County seem to be on a downward trend for health outcomes? Its overall state ranking in this area was 21 (out of 72) in 2010, 32 in 2011, and 60 in 2012.How can ThedaCare partner with the Healthy Shawano County initiative already in place?How can ThedaCare leverage its ties with the Rural Health Initiative to address these concerns?							

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		COUNTY HEALTH RANKINGS METRIC	SHAWANO CO.	MENOMINEE CO.	WIS. AVG.	U.S. AVG.	OTHER DATA FINDINGS AND SOURCES		
Health Factors									
A. Health Behaviors									
			2011	2012	2011	2012	2012	2012	
	1. Tobacco Use								
	a. Adult smoking	n/a	19%	20%	n/a	n/a	20%	14%	Shawano Co. <ul style="list-style-type: none">Pregnant women who smoke: 24%Exposed to smoking at home: 27%Adults who say smoking is allowed in their workplace: 14% <i>(Shawano County Health Plan 2015, May 2009)</i> Menominee Co. <ul style="list-style-type: none">One of the top underlying causes of death. <i>(Public Health Profile for Menominee Co., through County Health Rankings)</i>
	b. Smoking during pregnancy	n/a	23%	23%	43%	42%	14%	n/a	No additional data available.
	c. Youth smoking and tobacco use	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">High school students who are daily smokers: 27.9% <i>(Shawano County Health Plan 2015, May 2009)</i>9th graders who smoke: 24.3% (Wis. Avg.: 10%)12th graders who smoke: 39.3% (Wis. Avg.: 21%)Male high school students who smoke: 26.2% (Wis. Avg.: 17%)Female high school students who smoke: 29.6% (Wis. Avg.: 17%)Students who smoked a cigarette in the past 30 days: 34.3% (Wis. Avg.: 22.8%; Nat’l Avg.: 23%)Students who used chewing tobacco, snuff or dip in the past 30 days: 16.5% (Wis. Avg.: 8.4%; Nat’l Avg.: 8%)Students who smoked cigars in the past 30 days: 18% (Wis. Avg.: 17.1%; Nat’l Avg.: 14%)Students exposed to smoking at home: 45% <i>(2008 Youth BRFSS Data, Wisconsin CESA 8)</i>

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Health Factors										
A. Health Behaviors										
			2011	2012	2011	2012	2012	2012		
	2. Diet & Exercise	n/a	n/a	n/a	n/a	n/a	29%	25%	Shawano Co. <ul style="list-style-type: none">Residents exercising at moderate intensity 5 or more days per week: 45%Residents eating less than 3-5 servings of fruits per day: 63%Residents eating less than 3-5 servings of veggies per day: 74% <i>(Shawano County Health Plan 2015, May 2009)</i>	
	a. Adult obesity	n/a	28%	30%	31%	36%	23%	21%	Shawano Co. <ul style="list-style-type: none">Overweight residents: 42%Obese residents: 33% <i>(Shawano County Health Plan 2015, May 2009)</i>	
	b. Youth obesity	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">Children ages 2-4 in WIC who are overweight or at risk: 18.5% (Wis. Avg.: 16.2%)High students who are overweight or at risk: 11.9% (Wis. Avg.: 13.7%) <i>(Shawano County Health Plan 2015, May 2009)</i>	
	c. Physical inactivity	n/a	26%	27%	29%	31%	23%	n/a	Shawano Co. <ul style="list-style-type: none">Adults not engaged in moderate or vigorous activity: 62% <i>(Shawano County Health Plan 2015, May 2009)</i>	
	d. Youth diet & exercise	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">Youth eat fewer fruits and veggies than older residents <i>(Shawano County Health Plan 2015, May 2009)</i>High school students who engaged in at least 30 minutes of physical activity for 5 days in the past week: 29% (Wis. Avg.: 27%) <i>(2008 Youth BRFSS Data, Wisconsin CESA 8)</i>	
	3. Alcohol Use									

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Health Factors											
A. Health Behaviors											
			2011	2012	2011	2012	2012	2012			
	a. Excessive drinking	n/a	30%	27%	n/a	n/a	24%	8%	Shawano Co. <ul style="list-style-type: none">Residents consuming 5+ drinks on one occasion in the past 30 days: 35%High school students consuming 5+ drinks on one occasion in the past 30 days: 38%Residents who started drinking before age 13: 38.7%OWI arrests per 100,000 in 2006: 1,213Liquor law arrests per 100,000 in 2006: 899 <i>(Shawano County Health Plan 2015, May 2009)</i> Menominee Co. <ul style="list-style-type: none">From 2005-2008, the Tribal Clinic spent \$1.8 million on alcohol-related healthcare costsRanks 7th in state for inpatient hospitalizations from self-inflicted injury (The Tribal Clinic notes that alcohol is a factor in most of these suicide attempts)2009 OWI citations: 256 <i>(Tribal Clinic Fact Sheets on AODA impact)</i>		
	b. Teen Drinking	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">High school students consuming 5+ drinks on one occasion in the past 30 days: 38%Residents who started drinking before age 13: 38.7% (Wisc. Avg.: 23.7%) <i>(Shawano County Health Plan 2015, May 2009)</i> <ul style="list-style-type: none">9th graders who binge drink: 27.3% (Wis. Avg.: 21.2%)12th graders who binge drink: 58.3% (Wis. Avg.: 38.3%)Male high school students who binge drink: 36.9% (Wis. Avg.: 32.9%)Female high school students who binge drink: 39% (Wis. Avg.: 29.1%) <i>(2008 Youth BRFSS Data, Wisconsin CESA 8)</i> Menominee Co. <ul style="list-style-type: none">Students who drink: 76%		

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Health Factors										
A. Health Behaviors										
			2011	2012	2011	2012	2012	2012		
									<ul style="list-style-type: none">Students who’ve had a drink in the last month: 54%Menominee Indian High School students who binge drink: 46%Reported age of first alcohol use: 10.5-11 years oldPercent of youth who tried alcohol by age 10: 28%Percent of youth who tried alcohol between age 11 and 18: 48%Percent of high school students who had already received AODA treatment: 10%2009 Underage drinking citations: 240Percent of students who have ridden in a car driven by someone who’s been drinking: 47% (Wis. Avg.: 24%) <i>(Tribal Clinic Fact Sheets on AODA impact)</i>	
	c. Vehicle crash death rate	Deaths per 100,000 crashes	20	22	62	n/a	15	12	Shawano Co. <ul style="list-style-type: none">2010 Total crashes: 1,2962010 Car-deer crashes vs. non-deer crashes: more than half of all reported crashes (719) involved deer (www.dot.wisconsin.gov)Seatbelt usage for the summer of 2010: 81.9%3-year average injury-to-death ratio for 2008-2010: one death per every 31.6 injuries (state avg. is one death per every 76.7 injuries) <i>(State of WI FFY 2012 Highway Safety Performance Plan)</i> <ul style="list-style-type: none">Deaths per 100,000: 18.2Age-adjusted death rate per 100,000: 17.9Vehicle occupants who wear seatbelts: 58% <i>(Shawano County Health Plan 2015, May 2009)</i> Menominee Co. <ul style="list-style-type: none">2010 Total crashes: 29	

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Health Factors										
A. Health Behaviors										
			2011	2012	2011	2012	2012	2012		
									www.dot.wisconsin.gov <ul style="list-style-type: none">3-year average injury-to-death ratio for 2008-2010: one death per every 32 injuries (state avg. is one death per every 76.7 injuries) <i>(State of WI FFY 2012 Highway Safety Performance Plan)</i>2010 alcohol-related crashes: 46; two resulted in deaths <i>(Tribal Clinic Fact Sheets on AODA impact)</i>	
	a. Motor vehicle crash-related ER visits (on road)	Per 100,000	625	661	1,139	1,098	662	n/a	No additional data available.	
	c. Motor vehicle crash-related ER visits (off road)	Per 100,000	150	153	378	419	84	n/a	No additional data available.	
	4. Youth Drug Use	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">12th graders who use marijuana: 23.1% (Wis. Avg.: 19.3%)High school students who first used marijuana before age 13: 9.7% (Wis. Avg.: 6.7%) <i>(2008 Youth BRFSS Data, Wisconsin CESA 8)</i> Menominee Co. <ul style="list-style-type: none">High school students who use marijuana: 75% (Wis. Avg.: 24%)Students who tried marijuana before age 13: 43% (Wis. Avg.: 6%)Students who’ve used marijuana in the last month: 51% (Wis. Avg.: 19%)Students who’ve used marijuana 40 or more times in the past month: 14%Student’s who’ve taken a prescription drug without a doctor’s prescription: 34%Students who’ve sniffed glue or inhaled spray cans: 19% (Wis. Avg.: 10%) <i>(Tribal Clinic Fact Sheets on AODA impact)</i>	

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Health Factors										
A. Health Behaviors										
			2011	2012	2011	2012	2012	2012		
	5.	Unsafe Sex	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">High school students who’ve had sexual intercourse: 48.1% (Wis. Avg.: 40%) <i>(2008 Youth BRFSS Data, Wisconsin CESA 8)</i> Menominee Co. <ul style="list-style-type: none">High school students who’ve had sexual intercourse: 74% (Wis. Avg.: 40%)Students who had sex before age 13: 18% (Wis. Avg.: 3%) <i>(Tribal Clinic Fact Sheets on AODA impact)</i>	
	a.	Chlamydia rate	<i>Per 100,000</i>	120	103	569	1,006	372	84	Menominee Co. <ul style="list-style-type: none">2008 Confirmed cases: 45
	b.	Teen birth rate	<i>Per 1,000 females 15-19</i>	29	29	99	105	31	22	Menominee Co. <ul style="list-style-type: none">2008 Percent of births to women under age 19: 26% (State avg. 8.5%)2008 percent of births to women under age 17: 15% (Highest of any county in the state) <i>(Tribal Clinic Fact Sheets on AODA impact)</i>
	c.	Teen suicide	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Menominee Co. <ul style="list-style-type: none">Percent of high school students who actually made a plan about how to commit suicide: 16% (Wis. Avg.: 11%)Percent of high school students who have attempted suicide: 13% (Wis. Avg.: 5%) <i>(Tribal Clinic Fact Sheets on AODA impact)</i>
KEY FINDINGS		Shawano County <ul style="list-style-type: none">Youth smoking and tobacco use is out of control, at more than 10% above the state and national averages. Nearly half of students (45%) are exposed to smoking at home.Although people report that they stay quite active, their diets are sorely lacking in fruits and vegetables. However, it’s also important to note that the Shawano County Health Plan 2015 notes little correlation between high cholesterol and fruits/veggies intake.The county also has slightly above-average rates of adult and youth obesity.Excessive drinking is also a major concern: Adults are 22% higher than the national average, though the numbers are moving in the right direction compared to the rest of								

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Health Factors									
A. Health Behaviors									
		2011	2012	2011	2012	2012	2012		
		the state. Youth drinking rates are more alarming. By the time students graduate high school, they are 20% more likely to binge drink than students in the rest of the state.							
		Menominee County <ul style="list-style-type: none">Almost any and all youth data in Menominee County is concerning. There are high rates of drinking, drug use and suicide at especially young ages.There was no data regarding obesity or smoking rates.							
FOLLOW-UP QUESTIONS		<ul style="list-style-type: none">How do Shawano youth compare to youth in surrounding counties like Waupaca and Menominee?Why are people active yet unhealthy? (Rhonda Strebel at the RHI suggests that it’s because people are active with farm work, but not with exercising.)The DOT crash stats for Menominee County don’t match up with those from the Tribal Clinic. Which is more accurate?Some of the Wisconsin averages seem to vary among the different sources. Which is most accurate?							

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Health Factors										
B. Clinical Care										
			2011	2012	2011	2012	2012	2012		
	1. Access to Care	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">Percent of residents who reported not being able to see a doctor in 2008 due to cost: 10%Pediatric dental care is available locally for Medicaid-eligible children; low income adults and people with special needs must travel outside the county to receive covered dental care. <i>(Shawano County Health Plan 2015, May 2009)</i>	
	a. Uninsured adults (percentage adults under 65 w/o insurance)	n/a	12%	12%	9%	13%	11%	11%	No additional data available.	
	b. Primary care provider rate	n/a	1,003:1	1,003:1	755:1	755:1	744:1	631:1	No additional data available.	
	c. Did not get needed healthcare	n/a	2%	2%	5%	8%	2%	n/a	Shawano Co. <ul style="list-style-type: none">Percent of residents who reported not being able to see a doctor in 2008 due to cost: 10% <i>(Shawano County Health Plan 2015, May 2009)</i>	
	2. Quality of Care									
	a. Preventable hospital stays	<i>Per 1,000</i>	61	59	159	n/a	59	49	No additional data available.	
	b. Diabetic screening	n/a	92%	89%	90%	85%	89%	89%	Shawano Co. <ul style="list-style-type: none">Residents with pre/borderline diabetes: 2% <i>(Shawano County Health Plan 2015, May 2009)</i>	
	c. Mammography	n/a	73%	74%	n/a	n/a	73%	74%	Shawano Co. <ul style="list-style-type: none">Women who’ve had a mammogram in the past two years: 80%	

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Health Factors											
B. Clinical Care											
			2011	2012	2011	2012	2012	2012			
										(Shawano County Health Plan 2015, May 2009)	
	d. Cervical cancer screening	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">Women who’ve received a Pap test: 93% (Shawano County Health Plan 2015, May 2009)	
	e. Cholesterol screening	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">Adults who’ve had their blood cholesterol checked in the past 5 years: 86% (Shawano County Health Plan 2015, May 2009)	
	f. Colorectal cancer screening	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Shawano Co. <ul style="list-style-type: none">Adults who’ve had a blood stool test: 50%Adults who’ve had a sigmoidoscopy or colonoscopy: 65% (Shawano County Health Plan 2015, May 2009)	
	g. No recent dental visit	n/a	29%	29%	75%	69%	26%	n/a	Shawano Co. <ul style="list-style-type: none">Percentage of adults with a dental cleaning in the past year: 57.3-70% (WDA’s Burden of Oral Disease in Wisconsin report, 2010)The majority of Shawano Co. residents make yearly visits to the dentist (Shawano County Health Plan 2015, May 2009) Menominee Co. <ul style="list-style-type: none">Percentage of adults with a dental cleaning in the past year: 76.7-84.2% (WDA’s Burden of Oral Disease in Wisconsin report, 2010)		
	h. Mental health providers	n/a	41,123:1	41,123:1	4,527:0	4,527:0	8,437:1	n/a	No additional data available.		
	i. Mental health hospitalization	n/a	n/a	n/a	n/a	n/a	6.4:1,000	n/a	No additional data available.		

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	COUNTY HEALTH RANKINGS METRIC	SHAWANO CO.		MENOMINEE CO.		WIS. AVG.	U.S. AVG.	DATA FINDINGS AND SOURCES
Health Factors								
B. Clinical Care								
		2011	2012	2011	2012	2012	2012	
KEY FINDINGS	Shawano County <ul style="list-style-type: none">The biggest clinical care need seems to be for mental health professionals. Currently, there is only one serving the entire county.The primary care provider rate is also significantly higher than state or national averages.							
	Menominee County <ul style="list-style-type: none">Dental stats seem to be in conflict (CHR contradicts WDA).There are no mental health providers in the county.Lack of funding is seen as a key issue in providing access to care.The Tribal Clinic is part of the Improving Patient Care program sponsored by the Indian Health Service (IHS).							
FOLLOW-UP QUESTIONS	<ul style="list-style-type: none">How can ThedaCare help bring mental health care to Shawano and Menominee counties?Is dental care an actual concern in Menominee County?							

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		COUNTY HEALTH RANKINGS METRIC	SHAWANO CO.	MENOMINEE CO.		WIS. AVG.	U.S. AVG.	DATA FINDINGS AND SOURCES	
Health Factors									
C. Social & Economic Factors									
			2011	2012	2011	2012	2012	2012	
	1. Education								
	a. High school graduation	n/a	90%	87%	95%	80%	86%	92%	Shawano Co. <ul style="list-style-type: none">2008 Percent of mothers with at least a high school education: 88% (36% had only a high school education). <i>(Public Health Profile for Shawano Co., through County Health Rankings)</i>H.S. graduates as a percent of persons age 25+: 86.5%. <i>(quickfacts.census.gov)</i> Menominee Co. <ul style="list-style-type: none">2008 Percent of mothers with at least a high school education: 80% (54% had only a h.s. education). <i>(Public Health Profile for Menominee Co., through County Health Rankings)</i>2008-09 truancy rate at Menominee Indian School District: 27.1% (State avg. is 9.4%)2008-09 suspension rate at Menominee Indian School District: 17.9% (State avg. is 6.41%)2008-09 ACT composite score for Menominee Indian School District: 17.3 (State avg. is 22.2)2009-10 attendance rate: 91.6% (a 6.5% increase from 2005-06)2009-10 dropout rate for grades 7-12: 1.19% (a 6.11% increase from 2005-06; it’s now lower than the state avg. of 1.6%) <i>(Tribal Clinic Fact Sheets on AODA impact)</i>
	b. Some college	n/a	51%	50%	43%	49%	63%	68%	Shawano Co. <ul style="list-style-type: none">2008 Percent of mothers with some college: 29%2008 Percent of mothers who graduated college: 23% <i>(Public Health Profile for Shawano Co., through County Health Rankings)</i>Bachelor’s degree or higher as a percentage of persons age 25+: 14.4% <i>(quickfacts.census.gov)</i>

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Health Factors									
C. Social & Economic Factors									
			2011	2012	2011	2012	2012	2012	
									Menominee Co. <ul style="list-style-type: none">2008 Percent of mothers with some college: 26%2008 Percent of mothers who graduated college: 1% <i>(Public Health Profile for Menominee Co., through County Health Rankings)</i>
	c. % Illiterate	n/a	8.8%	8.8%	10.9%	10.9%	7.3%	n/a	No additional data available.
	2. Unemployment								
	b. Unemployed, seeking work	n/a	9.2%	9.5%	13.7%	15.5%	8.3%	5.4%	No additional data available.
	3. Income								
	a. Median household income	n/a	\$45,432	\$45,139	\$34,042	\$31,509	\$48,974	TBD	No additional data available.
	b. % with high housing costs	n/a	31%	30%	23%	22%	33%	n/a	No additional data available.
	c. Children in poverty (can include % of children eligible for free lunch)	<i>Children in poverty, aged 0-17</i>	16%	20%	44%	48%	14%	21.6%	Shawano Co. <ul style="list-style-type: none">WIC Participants: 443 pregnant/post-partum; 287 infants; 943 children aged 1-4 <i>(Public Health Profile for Shawano Co., through County Health Rankings)</i> Menominee Co. <ul style="list-style-type: none">WIC Participants: 232 pregnant/post-partum; 147 infants; 454 children aged 1-4

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Health Factors									
C. Social & Economic Factors									
			2011	2012	2011	2012	2012	2012	
									(Public Health Profile for Menominee Co., through County Health Rankings)
		Percent of children eligible for free lunch	27%	27%	74%	74%	32%	n/a	
	d. Adults in poverty	n/a	10.3%	n/a	25.2%	n/a	11.4%	13.5%	Shawano Co. <ul style="list-style-type: none">Persons below poverty level (2006-2010): 11.9% (quickfacts.census.gov) Menominee Co. <ul style="list-style-type: none">Poverty rates are greatly affected by: 1) a large proportion of children and elderly, 2) a high number of single-parent householdsThe Tribal Temporary Assistance for Needy Families (TANF) served 794 families through monthly vouchers in 2006. (The Unmet Needs of the Menominee Nation, University of Wisconsin Madison, July 2008)
	4. Family & Social support								
	a. Children raised by single parent	n/a	30%	31%	42%	52%	29%	20%	Shawano Co. <ul style="list-style-type: none">2008 Percent of births to unmarried mothers: 35% (Public Health Profile for Shawano Co., through County Health Rankings) Menominee Co.

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Health Factors									
C. Social & Economic Factors									
			2011	2012	2011	2012	2012	2012	
									<ul style="list-style-type: none">Percent of population under 18: 38.9% (No other county in WI is higher than 30%)Households run by single women: nearly 33% (Wisc. Avg.: 9.6%)<ul style="list-style-type: none">Female-headed households are more likely to experience poverty, utilize gov’t assistance and have negative consequences for children’s education.<i>(The Unmet Needs of the Menominee Nation, University of Wisconsin Madison, July 2008)</i>
	b. Inadequate social support	n/a	23%	22%	n/a	n/a	17%	14%	No additional data available.
	6. Community Safety								
	a. Violent crime rate	Per 100,000	78	80	1,062	833	275	73	Menominee Co. <ul style="list-style-type: none">The Tribal Police Department issued 1,148 arrests in 2006.<i>(The Unmet Needs of the Menominee Nation, University of Wisconsin Madison, July 2008)</i>In 2005-06, Tribal Courts processed 481 cases; 43% were alcohol related.2009 curfew violations: 120<i>(Tribal Clinic Fact Sheets on AODA impact)</i>
KEY FINDINGS		Shawano County <ul style="list-style-type: none">College education rates lag behind the state and national averages by at least 10%.The percentage of children in poverty jumped significantly from 2011 to 2012, and is now 6% higher than the state average.Inadequate social support was also higher than the state average. Menominee County <ul style="list-style-type: none">The <i>Unmet Needs</i> study of the Menominee Nation identifies the following “critical needs” for the reservation (among others):<ul style="list-style-type: none">A domestic violence shelterA new schoolHousing							

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Health Factors									
C. Social & Economic Factors									
		2011	2012	2011	2012	2012	2012		
	<ul style="list-style-type: none">• Literacy rates and college education are significantly lower than state and national averages.• Unemployment rates are sky-high: more than three times the national average.• Children in poverty rates are more than twice the state and national averages.								
FOLLOW-UP QUESTIONS	<ul style="list-style-type: none">• What can ThedaCare do on the poverty and education fronts?								

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		COUNTY HEALTH RANKINGS METRIC	SHAWANO CO.		MENOMINEE CO.		WIS. AVG.	U.S. AVG.	DATA FINDINGS AND SOURCES
Health Factors									
D. Physical Environment									
			2011	2012	2011	2012	2012	2012	
	1. Environmental Quality								
	a. Air pollution—particulate matter days	n/a	7	7	7	7	5	0	No additional data available.
	b. Air pollution—ozone days	n/a	0	0	0	0	1	0	No additional data available.
	c. Access to healthy foods	n/a	31%	23%	0%	0%	58%	92%	Shawano Co. <ul style="list-style-type: none">People able to obtain enough food: 95%Percent of WIC households with low or very low food security: 51% (Wisc. Avg. 66%) <i>(Shawano County Health Plan 2015, May 2009)</i> Menominee Co. <ul style="list-style-type: none">The Food Distribution Supplement Program serves 390-420 households, with about 1,100 individual participants (that’s approximately a 4th of the population) <i>(The Unmet Needs of the Menominee Nation, University of Wisconsin Madison, July 2008)</i>
	2. Built Environment								
	a. Access to recreational facilities	<i>Per 100,000</i>	5	5	0	0	12	17	Menominee Co. <ul style="list-style-type: none">Repeated mentions that recreation and infrastructure is lacking or in need of repair <i>(The Unmet Needs of the Menominee Nation, University of Wisconsin Madison, July 2008)</i>
	b. Liquor store density	<i>Per 100,000</i>	5.0	n/a	0	n/a	7	n/a	No additional data available.

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Health Factors											
D. Physical Environment											
			2011	2012	2011	2012	2012	2012			
	c. Lead poisoned children	n/a	1%	1%	0%	1%	1%	n/a	No additional data available.		
	d. Municipal water	n/a	47%	46%	0%	0%	71%	n/a	Shawano Co. <ul style="list-style-type: none">Municipalities in the City of Shawano, Shawano Lake Sanitary District, Wittenberg, Birnamwood, Mattoon and Tigerton are deficient in fluoride.Bonduel municipal water receives fluoride supplementation; the Village of Gresham has a naturally occurring therapeutic fluoride concentration <i>(Shawano County Health Plan 2015, May 2009)</i>Percent of population with access to optimally fluoridated water: 0-24.9% <i>(WDA’s Burden of Oral Disease in Wisconsin report, 2010)</i> Menominee Co. <ul style="list-style-type: none">Percent of population with access to optimally fluoridated water: 0-24.9% <i>(WDA’s Burden of Oral Disease in Wisconsin report, 2010)</i>		
	e. Contaminants in municipal water	n/a	1%	44%	0%	0%	10%	n/a	No additional data available.		
KEY FINDINGS		Shawano County <ul style="list-style-type: none">The county has significantly less access to healthy foods compared to the state and national averages. However, what is more concerning is that, within the county itself, this percentage fell by almost 10% from 2011 to 2012.The quality of Shawano’s water supply also fell in 2012. Only 46% of residents have municipal water and, in 2012, 44% of those reported contaminants in the water. Menominee County <ul style="list-style-type: none">Menominee County simply does not have access to many physical environment support systems. It does not have access to healthy food, recreational facilities or									

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Health Factors									
D. Physical Environment									
		2011	2012	2011	2012	2012	2012		
	municipal water.								
FOLLOW-UP QUESTIONS	<ul style="list-style-type: none">Why do people in Menominee County report having no access to healthy foods?How might people’s health be affected by the poor water quality, and what can be done about it?								

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Current Programs and Policies				
	Shawano County	<ul style="list-style-type: none">• Healthy Shawano County• Rural Health Initiative		
	Menominee County	<ul style="list-style-type: none">• The Menominee Tribal Clinic and its “Improving Patient Care” initiative• Affiliated support programs		
Significant Health Needs By County				
	Shawano County Needs	<ul style="list-style-type: none">• Weight-related issues• Heart disease• Diabetes• Youth smoking and tobacco use• Excessive drinking (Especially among youth) <p>The county health department also identified the following vulnerable populations (Where available, we’ve included specific contact names for leaders in these populations to ThedaCare’s internal community relations team).</p> <ul style="list-style-type: none">• Native American Tribes: the Menominee, the Stockbridge Munsee and the Ho-Chunk• The Amish community• Rural farm families• Hispanic farm workers• Low-income pregnant women• The elderly• Individuals with mental or physical disabilities	<ul style="list-style-type: none">• Lack of mental health professionals• Obesity• Low primary care provider rate• Diets	<ul style="list-style-type: none">• Water supply• Children in poverty• Low college education rates• Inadequate social support
	Menominee County Needs	<ul style="list-style-type: none">• Alcohol and drug abuse• Inadequate social and structural support• Lack of mental health professionals• Unemployment	<ul style="list-style-type: none">• Children in poverty• Access to healthy food and water• Literacy rates and college education	<ul style="list-style-type: none">• Diabetes• HIV• Dental