



Community Health Needs Assessment

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Introduction

A community may be defined by more than a set of physical boundaries; often times a set of shared characteristics or interests are used to define a community. The health status of a community plays a large role in social and economic prosperity, hence it is important that a community strives to continually improve and maintain its health. Government agencies (city, county, state, and federal health departments) may provide health services, however not all health programming comes from these organizations. Successful health programming must also include input from community agencies and community members.

The first step in improving the health status of any community is to complete a community health needs assessment (CHNA) and share the findings with the community. A CHNA is a systematic collection and analysis of information about the health of the community. By using the findings of the assessment, communities can initiate strategies to begin improving the health of their residents.

Cavalier County Memorial Hospital (CCMH) conducted a county wide community assessment and this report outlines the findings of that assessment.

CCMH is committed to maintaining and protecting the health and environment of the communities it serves. Furthermore, CCMH is committed to building lasting partnerships with the communities it serves to improve the health status of the county. CCMH hopes community members and other agencies will find the health data that was collected from the CHNA helpful as they continue their efforts to identify the health issues and work to address priorities in their community.

Components of a CHNA

For a CHNA to be accurate, data collected must be comprehensive and representative of the community it serves. CCMH collected information from many sectors of the population through community health focus group, paper surveys, electronic surveys and the public health's community health assessment roundtable findings.

Community Health Focus Group Meeting

Information collected in focus group is often more comprehensive than surveys due to the unstructured format that allows for exploration and in-depth discussion of topics that are of interest to participants, making them an important supplement to verbal or written surveys. On February , 2015 CCMH held a focus group meeting that included persons with special knowledge and expertise in public health. Together, the group developed questions based on observations of community needs throughout the healthcare facilities. The goal was to identify isolated incidents from those that could affect a larger population of our communities. The process for distinguishing critical areas is below:

- 1. Which health issues should be included or excluded in the program development.
- 2. How should health issues be prioritized.
- 3. Which strategies are suggested or preferred to address health issues.
- 4. Which resources currently exist to address or attempt to address the health issues identified.

Paper Surveys

In addition to utilizing the findings of the community health focus group, CCMH also delivered surveys to all of the schools in our community and handed out surveys to community members and local business for immediate pick-up and drop-off.

Electronic Surveys

n order to capture some of the younger populations, CCMH developed an online survey for individuals that wished for the convenience of electronic survey formats. The links were available on all paper surveys, on the hospital's website, and listed in the local papers.

Community Members

CCMH utilized the county newspaper and the CCMH foundation newsletter to notify Cavalier County residents in advance to watch for the CHNA surveys coming by way of their children, if school age, local business pick-up points, and the electronic link. Community members were asked for their opinions about public health issues, individual health concerns, behaviors they experienced in the past year, community and environmental issues and access to care. See Appendix B for a copy of the community member survey.

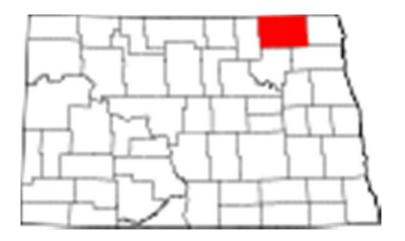
Public Health Community Health Roundtable Discussion

Cavalier County Public Health leaders met with CCMH to discuss common themes within their facility. The purpose of their roundtable discussion was to interpret and discuss what the community health findings and develop questions to help analyze the health of our community and to prioritize and address those health topic areas.

About Cavalier County, North Dakota

Cavalier County is located in the state of North Dakota. For map of Cavalier County see figure 1. At the time of the 2010 census, the county population was 3,993. The county was created by the 1873 territorial legislature and was organized on July 8, 1884 with Langdon as the county seat.

Figure 1. Map of Cavalier County



Geography

According to the U.S. Census Bureau, the county has a total area of 1,510 square miles, of which 1,488 square miles is land and 22 square miles (1.44%) is water.

Cavalier County Demographics Summary

With 3,993 people, Cavalier County is the 29th most populated county in the state of North Dakota out of 53 counties. In 2010 the median household income of Cavalier County residents was \$48,786. However, 8.2% of Cavalier County residents live in poverty. The median age for Cavalier County residents is 50.3 years of age. Males make up 50.2% of the county population while females make up 49.98%. The largest Cavalier County racial/ethnic groups are white (97.4%), followed by American Indian (0.9%) and two or more races (0.7%).

History

Cavalier County was created from the western part of Pembina County, North Dakota in 1873 and named by the territorial legislature for Charles Turner Cavalier (1818–1902), a well-known fur trader, customs agent, postmaster and first white settler. After petitioning the Territorial Governor for permission to organize the county, Patrick McHugh, W. Hudson Matthews, and L.C. Noracong met for that purpose on July 8th, 1884. On July 26th the new county officials met for the second time and chose Noracong as Chairman

of the Board with William H. Doyle and Matthews as Commissioners. The first Register of Deeds and County Clerk was McHugh. W.J. Mooney became the first Judge of Probate. Charles B. Nelson was the first Cavalier County Superintendent of Schools, and Clarence Hawkes the first Sheriff. Cavalier County took its current form in 1887 after the Territorial Legislature authorized an increase in size by taking a portion from Pembina County.

Places (Cities)

- Alsen
- Calio
- Calvin
- Hannah

- Langdon
- Loma
- Milton
- Munich

- Nekoma
- Osnabrock
- Sarles
- Wales

Note: all incorporated communities in North Dakota are called "cities" regardless of their size.

Townships

- Alma
- Banner
- Billings
- Bruce
- Byron
- Cypress
- Dresden
- Easby
- East Alma
- Elgin
- Fremont
- Glenila
- Gordon
- GordGrey

- Harvey
- Hay
- Henderson
- Hope
- Huron
- Langdon
- Linden
- Loam
- Manila
- Minto
- Montrose
- Moscow
- Mount Carmel
- Nekoma

- North Loma
- North Olga
- Osford
- Osnabrock
- Perry
- Seivert
- South Dresden
- South Olga
- Storlie
- Trier
- Waterloo
- West Hope

Community Assets for Health Improvement

The most important assets for health improvement that communities have to offer are their residents, community organizations and businesses. They have the ability to network, influence and mobilize other community members to take action and create a lasting change in the health status of the community. Although the quantity of existing health services may vary among the sectors of the county, they are viewed as a valuable asset to the communities they serve.

Existing health services include:

- Hospital & Clinics
- Public Health
- Rehabilitation Service
- Mental Health Service
- Dental Service
- Pharmacy

Other community resources include land, parks, protective services (fire, police), libraries, etc. These resources often attract a large number of people and are an important resource to foster health improvement.

Major Findings

After 2 weeks of collecting results, CCMH collected 203 responses. Thirty-three questions were asked and the majority of individuals answered all questions. The top areas of opportunity for CCMH were as follows:

- 1.) Availability of our providers
- 2.) Availability of dental care
- 3.) Ability to recruit physicians to the area
- 4.) Lack of knowledge of services offered locally
- 5.) Loss of patients to competing health systems
- 6.) Obesity/Diabetes/Poor Nutrition
- 7.) Depression/Mental Health

Cavalier County Health

Health Concerns

Community members ranked their top three health concerns as:

- Jobs with Livable Wages
- Adequate outh Activities
- Attracting and retaining young families

Availability of Health Services

When asked about the Availability of Health ervices in their area the survey participant answered:

- Availability of dental care(checked by 54.7% of the survey participants)
- Availability of Doctors and Nurses (checked by 51.3 % of the survey participants)
- Availability of ubstance Abuse/Treatment services checked by 25.3 of the survey participants)

Environmental Health concerns

Community member's top three environmental concerns are:

- Emergency ervices ambulance & 11 availability 24/7 (3. %)
- Traffic afety speeding, road safety) 2 .1)
- uality of Care 2 .4)

Physical Health

Community member's top five health concerns are:

- Cancer (73.5%)
- Obesity/overweight 60.
- Poor nutrition, poor eating habits 35.1)
- Diabetes 33.
- Heart disease 33.1)

Access to Healthcare

At the county level, a significant number of community members identified access barriers to healthcare as being an issue for themselves or their family. The primary reasons cited as access barriers to care were appointments not being available or convenient (26.0 %), ability to retain doctors 61.), and cost of health insurance, prescription drugs, and cost of care 56.6).

A significant group of the population 21.2) believe that limited hours/appointment times to see a provider has inhibited their seeking of medical treatment. Another 3 of those surveyed believe that not being able to see the same provider over time has caused road blocks to their health care needs.

When asked about times/days for additional hours, 52.2 of those surveyed said they would utilize a aturday clinic form 0 :00 - 12:00. While 51.5 of those surveyed believed that extended hours of 07:30 - 1 :00 would be beneficial for their schedules.

Mental Health and Substance Abuse

While there is the perception of challenges for access to care, this is compounded when community members identify substance abuse issues and the availability of services for their treatment. The top issues listed:

- Alcohol use and abuse 70.2)
- Drug use and abuse 52.3)
- Depression 43.7)

Community Members and Elected officials were in agreement that substance abuse was a growing concern for our communities. The increase in mental health awareness has brought an increased emphasis on the correlation between the two issues.

Available Services

A consistent message heard among health care works is that the community is not aware of the services offered at CCMH. To test this theory, CCMH included in its community needs assessment survey a list of the current top 40 services offered locally by CCMH. Of the services offered, the 5 highest totals are listed below. The survey simply asked for participants to check all services that they are aware that CCMH offers:

• Emergency Room: 0.7 of participants

• rays: .3 of participants

• Ambulance: 6.4 of participants

• Physical Therapy: 4.3 of participants

• Physicals: 5.0 of participants

ncluding those listed above, the total average of participants having knowledge of services offered by CCMH was only 55.4 . The lowest knowledge base of services offered are below:

• Nuclear Medicine: 12. of participants

• Holter Monitor: 20.0 of participants

• OTR drug screenings: 30.0 of participants

• Dexascan: 33.6 of participants

• Health Maintenance: 36.4 of participants

Of those surveyed, 65.2 claimed that they received services at other locations because they believed those services were not available in Langdon.

What can CCMH do to help assist Communities with the Identified Issues?

CCMH has published this CHNA report on the facility website to inform Cavalier County residents of what their peers believe are the most pertinent public health issues in our community. Furthermore this report will serve as a foundation to build a lasting relationship between Cavalier County and CCMH. This report also serves as a stepping stone to further investigations of community health concerns, the enhancement of public health services offered to the community and community mobilization to create and promote community partnership that will address the health needs of the community. This report provides the community with a unique opportunity to become actively involved in creating a healthier Cavalier County.

Community Members

- Review the findings of the CCMH Assessment
- Support community initiatives to create a healthy county population
- Integrate lifestyle modifications into your daily activities

Community Leaders

- Review the findings of the CCMH Assessment
- Encourage community members to actively participate in opportunities to create a healthier community
- Stay informed of and support initiatives sponsored by CCMH

CCMH

- Publicize services available to community members
- Offer public events to get our name and services into the community forefront
- Create services to address community needs.
- Consider making services offered to community members more convenient and accessible
- Collaborate with other service providers to maximize the scope and accessibility of services.

Attachment A

CCMH Strategic Action Plan Implementation

Project Results:

After 2 weeks of collecting results, CCMH collected 203 responses. Thirty-three questions were asked and the majority of individuals answered all questions. The top areas of opportunity for CCMH were as follows:

- 1.) Availability of our providers
- 2.) Availability of dental care
- 3.) Ability to recruit physicians to the area
- 4.) Lack of knowledge of services offered locally
- 5.) Loss of patients to competing health systems
- 6.) Obesity/Diabetes/Poor Nutrition
- 7.) Depression/Mental Health

While there were many more areas of opportunity, CCMH believes that it will take a community effort to accomplish many of these goals, and want to partner with the community on any initiative that individuals or other organizations would like to focus attention. CCMH has begun a focus on improving provider availability and recruiting new providers in ways that have not been done previously. CCMH is also dedicated to improving the lives of the community through overall wellness. Part of this is making the public aware of the services offered and encouraging them to utilize local facilities. However, it is also recognized that CCMH must first show commitment to the community to have that reciprocated. Therefore, CCMH will begin its focus on objectives 6 & 7, listed above. Throughout the 2017 fiscal year, July 2016 – June 2017, CCMH will begin offering a series of charity events that encourage an active life-style. All profits from events, monies collected minus expenses, will be donated to local charities such as the food bank and/or children hunger projects. The monies donated will have a stipulation that all food purchased must be healthy options that promote healthy eating: no processed foods, sugary products, high fat, etc.

By encouraging individuals to become active, and donating to a healthy eating life-style, CCMH hopes to impact change within the community that it serves.

Christopher B. Wyatt | Chief Executive Officer

Cavalier County Memorial Hospital and Clinics

Appendix A

SURVEY PARTICIPANT DEMOGRAPHICS

Demographics of Survey Participants

Population	Number				
Total	203 152 Electronic 51 Paper				
Male	36				
Female	167				
No response	3				
Average Age of					
Participants	4				
Highest Level of Education					
Less than H	10				
H diploma or ED	30				
ome College or Tech chool	47				
Associate s Degree	3				
Bachelor s Degree	61				
raduate or professional degree	12				
No response	5				
Annual Household Income					
Less than 15,000					
15,000 to 24,	15				
25,000 to 4,	36				
50,000 to 74,	24				
75,000 to ,	23				
100,000 to 14,	21				
150,000 and over	7				
Prefer not to answer	53				

Appendix B

COMMUNITY MEMBER SURVEY

Cavalier County Memorial Hospital Community Needs Assessment Survey

Cavalier County Memorial Hospital and Cavalier County Public Health District is interested in hearing from you about community health concerns.

The focus of this effort is to:

- Learn of the good things in your community as well as concerns in the community
- Understand perceptions and attitudes about the health of the community, and hear suggestions for improvement
- Learn more about how local health services are used by you and other residents

If you prefer, you may take the survey online at:

Your responses are anonymous, and you may skip any question you do not want to answer. Your answers will be combined with other responses and reported only in total. If you have questions about the survey, you may contact Chris Wyatt at 701.256-6100

Surveys will be accepted through May 15, 2016. Your opinion matters – thank you in advance!

Community Assets: Please tell us about your community by **choosing up to three options** you most agree with in each category below.

CU	nsidering the SERVICES AND RESOURCES in your commu	nity :	the hest things are (choose up to THREE):
			Opportunities for advanced education Public transportation
	Business district (restaurants, availability of goods)		Programs for youth
	Community groups and organizations		Quality school systems
	Health care		Other (please specify)
ead	ommunity Concerns: Please tell us about your community ch category. hat are the major challenges facing your community?	munit	y by choosing up to three options you most agree with i
	nsidering the COMMUNITY HEALTH in your community,	conce	erns are (choose up to <u>THREE</u>):
Co	nsidering the COMMUNITY HEALTH in your community, Access to exercise and wellness activities		erns are (choose up to <u>THREE</u>): Attracting and retaining young families
	Access to exercise and wellness activities Adequate childcare services		Attracting and retaining young families Change in population size (increase or decrease)
	Access to exercise and wellness activities Adequate childcare services Adequate school resources		Attracting and retaining young families Change in population size (increase or decrease) Jobs with livable wages
	Access to exercise and wellness activities Adequate childcare services Adequate school resources Adequate youth activities		Attracting and retaining young families Change in population size (increase or decrease) Jobs with livable wages Poverty
	Access to exercise and wellness activities Adequate childcare services Adequate school resources		Attracting and retaining young families Change in population size (increase or decrease) Jobs with livable wages
	Access to exercise and wellness activities Adequate childcare services Adequate school resources Adequate youth activities		Attracting and retaining young families Change in population size (increase or decrease) Jobs with livable wages Poverty Other (please specify)

Col	nsidering the SAFETY/ENVIRONMENTAL HEALTH in your	com	munity, concerns are (choose up to <u>THREE</u>):
	Emergency services (ambulance & 911) available 24/7 Land quality (litter, illegal dumping)		Public transportation (options and cost) Traffic safety (i.e. speeding, road safety, drunk/distracted driving, and seatbelt use) Water quality (well water, lakes, rivers)
Co	nsidering the DELIVERY OF HEALTH SERVICES in your com	mur	nity, concerns are (choose up to <u>THREE</u>):
	Ability to retain doctors and nurses in the area Adequacy of Indian Health or Tribal Health services Cost of health care services Cost of health insurance Cost of prescription drugs Extra hours for appointments, such as evenings and weekends		8
Co	nsidering the PHYSICAL HEALTH in your community, conc	erns	are (choose up to <u>THREE</u>):
	Poor nutrition, poor eating habits	n yo	preventable diseases Other (please specify)
Co	nsidering the SENIOR POPULATION in your community, co	once	erns are (choose up to <u>THREE</u>):
	Ability to meet needs of older population Assisted living options Availability of activities for seniors Availability of resources for family and friends caring for elders Availability of resources to help the elderly stay in their homes		Cost of activities for seniors Dementia/Alzheimer's disease Elder abuse Long-term/nursing home care options Other (please specify)
livi	nsidering the healthcare needs of our Senior Population on and in-home (assistance with activities of daily living, by Yes No		

Delivery of Health Care

Wh	at PREVENTS you or other commur	nity residents from red	ceivi	ng health care?	(Choose <u>ALL</u> that apply)
	Can't get transportation services Concerns about confidentiality Distance from health facility Don't know about local services Don't speak language or understan Lack of disability access Lack of services through Indian Healthiete access to telehealth technology providers at another facility through a mon No insurance or limited insurance	alth Services plogy (patients seen by		Not able to se Not accepting Not affordable Not enough do Not enough ev Not enough sp Poor quality or	e octors vening or weekend hours pecialists
Wh	ere do you turn for trusted health i	nformation? (Choose	<u>ALL</u>	that apply)	
	Other health care professionals (nu dentists, etc.)	rses, chiropractors,			Internet (WebMD, Mayo Clinic, Healthline, etc.) In from others (friends, neighbors, co-workers,
Primary care provider (doctor, nurse practitioner, physician assistant) Word of mouth, from others (friends, neighbor) etc.) Other (please specify)					
Ц	Public health professional				
	emographic Information: Plea		self.		
Do	you work for the hospital, clinic, or	public health unit?			
	☐ Yes			□ No	
Hea	alth insurance or health coverage st	atus (choose <u>ALL</u> that	арр	ly):	
	Indian Health Service (IHS) Insurance through employer or	☐ Medicare ☐ No insurance			Other (please specify)
	self-purchased Medicaid	□ Not enough ins□ Veteran's Heal			
Age	2:				
	Less than 18 years	☐ 35 to 44 years			☐ 65 to 74 years
	18 to 24 years 25 to 34 years	☐ 45 to 54 years ☐ 55 to 64 years			☐ 75 years and older
Hov	w many individuals younger than 12	years old live in your	· hou	sehold?	

Highest level of education:		
☐ Less than high school ☐ High school diploma or GED	☐ Some college/technical degree☐ Associate's degree	☐ Bachelor's degree☐ Graduate or professional degree
Gender:		
☐ Female	☐ Male	☐ Transgender
Employment status:		
☐ Full time	☐ Homemaker	☐ Unemployed
☐ Part time	☐ Multiple job holder	☐ Retired
Your zip code:		
Race/Ethnicity (choose ALL that apply	y):	
☐ American Indian	☐ Hispanic/Latino	☐ Other:
☐ African American	☐ Pacific Islander	☐ Prefer not to answer
☐ Asian	☐ White/Caucasian	
Annual household income before taxe	es:	
☐ Less than \$15,000	□ \$50,000 to \$74,999	☐ \$150,000 and over
□ \$15,000 to \$24,999	□ \$75,000 to \$99,999	□ Prefer not to answer
□ \$25,000 to \$49,999	□ \$100,000 to \$149,999	
	ggestions to improve the delivery of loc	
Q. Considering the following services you aware of (or have you used in the		l Hospital and Clinics, which services are
□Anesthesia	□CT Scan	□Physical Therapy
☐ Endoscopy (Colonoscopy and EGD	□Digital Mammograms	□Occupational Therapy
□Ophthalmologic Surgeries	□Digital Ultrasounds	□Speech Therapy
□Pediatric Care	□Echocardiograms	□Diabetes Education
□Respite Care	□EKG	☐Health Maintenance
□Skin Procedures/Lesion Removal	□Holter Moitor	□Medic Alert
□Swing Bed Care	□Laboratory	□Nutrition Education
Emergency Room	□MRI	□OTR Drug Testing
□Family Practice	□Nuclear Medicine	□Social Work
□ Health Screenings	_D-# l	_ A l l
□Internal Medicine	□Pathology	□Ambulance Service
□ Dhysicals	□Radiology	□CPR training
□Physicals □Tolomodicing	□Radiology □Sleep Studies	
□Telemedicine	□Radiology □Sleep Studies □X-Rays	□CPR training
•	□Radiology □Sleep Studies	□CPR training

	Are there services listed above that yo Do you utilize a pediatric medical pro				•		
	Do you utilize a medical provider outs ams etc. Yes No NA	side (of Langdon for w	ome	en's services suc	h as	Mammography, gynecological
□H □C □P □S(rou have utilized a medical provider of lours of availability ost rivacy ervice not available in Langdon ocal Provider not available. Out-reach provider already "booked u	ıp"	,	ease	e tell us why.		
	Would you utilize extended clinic hou			00 p.	m. Monday thro	ugh	Friday at our Langdon Clinic? Yes
Q١	Nould you utilize Saturday clinic hou	rs of	8 a.m. to 12:00	p.m.	at our Langdon	Clini	c? Yes No
Q١	Nould you utilize Saturday clinic hou	rs of	8 a.m. to 12:00	p.m.	at our Walhalla	Clini	c? Yes No
Q A	Are you aware of your right as a patie	ent to	o choose your pr	ovid	er and facility in	whi	ch to receive care? Yes No
Q.	Are you aware of in network and out	of n	etwork coverage	e for	your insurance?	Y Y	es No
		<u>!</u>	Marketing He	ealt	h Services		
Q.	Where do you find out about LOCAL	. HEA	ALTH SERVICES a	vaila	ble in your area	? (Ch	noose <u>ALL</u> that apply)
	Advertising Employer/worksite wellness Health care professionals Indian Health Service Newspaper		Public health portion Radio Social media (Fat Tribal Health Web searches				Word of mouth, from others (friends, neighbors, co-workers, etc.) Other: (please specify)
		<u>P</u>	ublic Health	Ser	vices		
	Which of the following SERVICES pro ed in the past year? (Choose <u>ALL</u> that			UBL	IC HEALTH unit	have	you or a family member
	Bicycle helmet safety Blood pressure check Breastfeeding resources	•			abatement) Health Tracks (th services (water, sewer, health hazard
	Car seat program				Home health		
	Child health (well baby)				Immunizations		– homo visits
	Correction facility health				Medications se Office visits and	•	
	Diabetes screening Emergency response & preparedne	cc nr	ngram				n screening, puberty talks, school
	Flu shots	υυ μι	ogram	_	immunizations)	VIOIUI	i screening, puberty taiks, scribur

	Preschool education programs Assist with preschool screening Tobacco prevention and control	☐ Tuberculosis testing and management ☐ WIC (Women, Infants & Children) Program ☐ Youth education programs (First Aid, Bike Safety) Violence in the Community
Q.	Regarding various forms of VIOLENC	in your community, concerns are (choose up to THREE):
	Bullying/cyber-bullying Dating violence Domestic/spouse violence Economic abuse/withholding of funds Emotional abuse	□ Intimidation □ Video game/media violence □ Isolation □ Violence against children □ Physical abuse □ Violence against women □ Stalking □ Work place/co-worker violence □ Sexual abuse/assault □ Verbal threats
		Foundation Awareness
Q.	Are you aware of Cavalier County Me	morial Hospital's Foundation, which exists to financially support CCMH?
Q.	Have you supported the CCMH Found	ation in any of the following ways? (Choose <u>ALL</u> that apply)
	Cash or stock gift Endowment gifts Memorial/Honorarium	☐ Planned gifts through wills, ☐ Other: (please specify) trusts or life insurance policies