

Landmann - Jungman Memorial Hospital

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**Community Health Needs Assessment
FY2013**

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INTRODUCTION

LandmannJungman Memorial Hospital conducted a Community Health Needs Assessment in 2013. This assessment has identified the health care community's strengths as well as determined the health care needs not met in the Scotland area. Our goal is to determine these needs as well as implement programs to better serve those in the community through the facility.

The Patient Protection and Affordable Care Act enacted March 23, 2010, contains new requirements for tax-exempt hospitals to complete a Community Health Needs Assessment at least once every three years. The objective is to identify the health needs of a community enabling the hospital to plan and deliver the most effective services and programs to address those needs identified in the assessment. Upon the completion of the assessment, it will include input from individuals representing the broad interests of the community, including those with special knowledge or expertise in public health. This process creates a collaborative partnership between the hospital and other entities in the community and service area to address the needs of their mutual patient populations.

The Community Health Needs Assessment for the Landmann-Jungman Memorial Hospital is based on information relevant to: current services offered, geographic area, primary and secondary services, data collected related to health findings, access to care, and community needs.

DESCRIPTION OF HOSPITAL CAMPUS

Facility Profile

Landmann- Jungman Memorial Hospital, licensed for 25 acute care beds and 10 swing beds, is located in Scotland, S.D. (population 828). Scotland is located in the northeast corner of Bon Homme County. In addition to general medical and surgical

inpatient cases, the hospital offers a variety of outpatient services. Several visiting specialists conduct outreach clinics on a regular basis, including cardiology, general surgery, OB/GYN, as well as mobile MRI, nuclear medicine and digital mammography.



Landmann-Jungman Memorial Hospital is a member of the Avera Health system, based in Sioux Falls, S.D. The mission of the Scotland Hospital is to provide the highest quality healthcare with compassion and respect. Their commitment shall be to the ethical treatment of all people through the continuum of life. The hospital recognizes the constantly changing face of health care and pledges to continually strive to meet the shifting health care needs of their community. Through a constant review of goals, commitment to ideas, and efficient management, the hospital looks forward to providing quality care to the community for the years to come.

Founded in 1968 and managed by Avera since 1999, Landmann-Jungman Memorial Hospital services include: 24-hour emergency services, inpatient/outpatient hospital services, skilled swing bed services, physical therapy, occupational therapy, speech therapy, cardiac rehab therapy, full service laboratory, X-rays, CT scans, digital mammography, ultrasound exams, nuclear medicine, MRI, DEXA scans, echocardiograms, carotid dopplers, and EEGs.

The facility employs 35. Landmann-Jungman Memorial Hospital, along with Avera Health, features technologically advanced equipment to improve emergency and consulting care through eServices, a connection that provides rural clinicians 24-hour access to board-certified intensivists, emergency physicians, and experienced nursing staff. Avera's telehealth network ensures that all patients, regardless of location, have timely and efficient access to the care they need. Landmann-Jungman Memorial Hospital had 66 discharges and 6,064 outpatient visits in FY2012.

Governance

In 1999, the Scotland community signed a management lease with Avera McKennan & University Health Center located in Sioux Falls, S.D. As a facility managed through Avera McKennan, Avera is committed to providing support and assistance to the Bon Homme County area. Avera Health is a large rural-based health system that serves communities in South Dakota, Minnesota, Nebraska and Iowa. Landmann- Jungman Memorial Hospital was officially named after the two founding physicians, O.A. Jungmann and D.A. Landmann. After the founding of the hospital, additions and renovations to the facility have included an independent living facility, West Winds, and a clinic in 1996, with an addition of a retail pharmacy in 2002.

Building Project

Landmann- Jungman Memorial Hospital completed renovations to the clinic in 2009. The project totaled \$1.9 million and included a new front entrance, converted patient rooms, new location of lab and laundry, combined clinic and hospital rooms, and the addition of examination rooms.

This renovation allowed for not only aesthetic enhancement, but better work flow, as well as better service to the community through improved coordination of care.

Primary Care Services

Medical staff consists of one family practice physician and two additional family practice providers – one physician assistant and one nurse practitioner. The facility and its employees support and participate in community activities, volunteer their time, and serve on local committees and boards.

Specialty Care Services

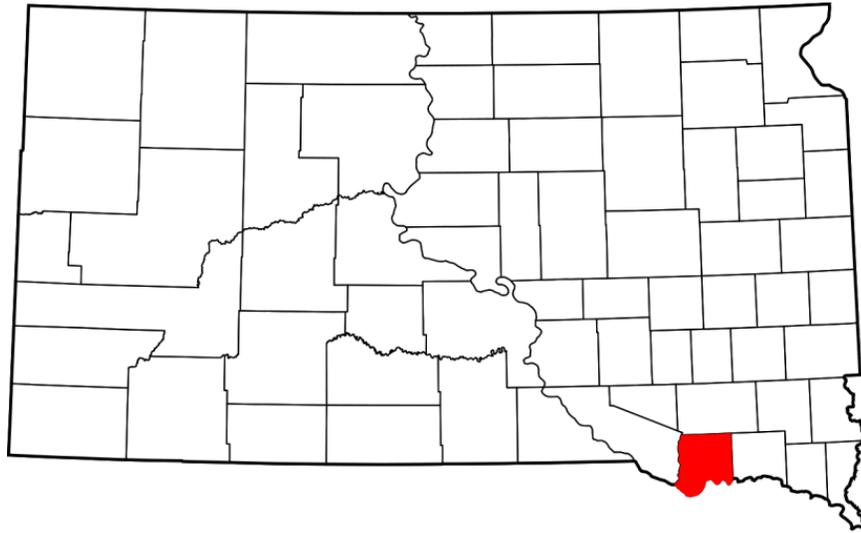
Landmann-Jungman Memorial Hospital partners with specialty physicians to provide outreach services to the community. These specialties include cardiology, general surgery and OB/GYN, as well as mobile MRI, nuclear medicine and digital mammography. This group has proven to be a strong network of physicians that are valued by the community of Scotland and the surrounding area. A strong physician network is an essential step to ensuring long-term success toward maintaining health of community members.

In addition to the specialists who provide services on campus, there is also access to over 70 additional specialists available via Avera eConsult (telehealth). This provides specialist consultations to patients upon recommendation of their primary provider, preventing the need for a two-hour drive to the regional facility in Sioux Falls. The consult is obtained using two-way video technology. Specialties primarily used include dermatology, pulmonology, infectious disease, wound care, internal medicine, oncology, EMT and pediatrics.

Service Area Profile

Landmann Jungman Memorial Hospital is one of two hospitals that serve the residents of Bon Homme County. The Scotland hospital serves the northern part of Bon Homme County while St. Michael's Hospital Avera located in Tyndall, SD serves the southern part of the county. Hospital discharge data indicates that 80 to 90% of Landmann-Jungman Memorial's patients reside in Bon Homme County (59 of 66 hospital discharges in 2012).

An understanding of the health of a community is very dependent on population trends and demographic characteristics. Population and demographic data are used to project disease incidence, determine present and future community needs for healthcare services, and estimate the number of physicians needed to adequately serve an attachment area.



As of the census of 2010, there were 841 people, 386 households, and 224 families residing in the city. The population density was 989.4 inhabitants per square mile (382.0 /km²). There were 455 housing units at an average density of 535.3 per square mile (206.7 /km²). The racial makeup of the city was 96.7 percent White, 1.0 percent African American, 0.8 percent Native American, 0.2 percent Asian, and 1.3 percent from two or more races. Hispanic or Latino of any race were 0.2 percent of the population. There were 386 households of which 21.0 percent had children under the age of 18 living with them, 47.7 percent were married couples living together, 6.7 percent had a female householder with no husband present, 3.6 percent had a male householder with no wife present, and 42.0 percent were non-families. 37.6 percent of all households were made up of individuals and 22.1 percent had someone living alone who was 65 years of age or older. The average household size was 2.08 and the average family size was 2.7.

The median age in the city was 50.3 years. 21 percent of residents were under the age of 18; 5 percent were between the ages of 18 and 24; 17.8 percent were from 25 to 44; 25 percent were from 45 to 64; and 31.2 percent were 65 years of age or older. The gender makeup of the city was 46.1 percent male and 53.9 percent female.

COMMUNITY HEALTHCARE RESOURCES

The assessment identified Landmann-Jungman Memorial Hospital as essential for community healthcare needs as well as for the significant economic impact for Scotland and Bon Homme County. A number of strong community resources and assets were noted including medical providers, retail pharmacy, local dentist, chiropractic clinic, long-term care facility, and local schools. There are a number of resources available to the community to improve overall health such as West Winds Apartment's wellness center, community circuit training program conducted at hospital, swimming pool and parks. The hospital also offers laboratory screenings year round at a reduced price, impact concussion program for Scotland High School students, and a variety of health promotions and screenings. The eServices available through Landmann-Jungman Memorial Hospital provide the community with access to specialized physicians from Avera McKennan in Sioux Falls.

ASSESSMENT PROCESS – QUANTITATIVE DATA

Landmann-Jungman Memorial Hospital began the Community Health Needs Assessment by gathering the most recent statistics regarding the public health of the community from county, state and national resources. The County Health Rankings website provides health information on nearly every county in the nation. Published by the University of Wisconsin Population Health Institute and the Robert Wood Johnson Foundation, this resource helps counties and other organizations like Landmann-Jungman Memorial Hospital understand what is influencing the health of the community. Counties receive two summary ranks: Health Outcomes and Health Factors. Each of these rankings represents a weighted summary of a number of measures. Health outcomes represent how healthy a county is while health factors represent what influences the health of the county. Bon Homme County ranks fourth on health outcomes and 35th on health factors out of the 57 counties in South Dakota that were ranked.

According to data obtained from the 2013 County Health Rankings, Bon Homme County exceeded the national benchmark for obesity, which is currently at 25 percent. Bon Homme County has 30 percent of the adults reporting a BMI greater than or equal to 30 percent. The state of South Dakota reported an adult obesity rate of 30 percent. Bon Homme County also has a higher physical inactivity rate than the state and national rate.

Many chronic diseases are linked to obesity, including heart disease, stroke, type 2 diabetes and certain types of cancer. Focus group participants also expressed a need for obesity prevention and resources for all ages.

The following are highlights from the County Health Rankings. Findings include:

	<u>Bon Homme County</u>	<u>State of SD</u>	<u>U.S.</u>
Percent of adults who report smoking	20%	18%	13%
Adult obesity	30%	30%	25%
Physical inactivity	31%	26%	21%
Poor or fair health	9%	11%	10%
Poor physical health days (per month)	2.5	2.8	2.6
Poor mental health days (per months)	2.4	2.6	2.3
Percent of female Medicare receiving mammo screening	73%	70%	73%
Percent of diabetic Medicare receiving HBA1C screening	78%	84%	90%

Source: www.countyhealthrankings.org

In a study by the CDC National Health Profiles by County per 100,000 lives:

	Bon Homme County	State of SD	U.S.
Percent low birth-weight infants	6.2%	6.6%	8.2%
Heart Disease	168.8	191.3	190.9
Malignant Cancer	158.4	188.1	178.4
Cerebrovascular Disease (stroke)	47.1	47.0	45.1
Accidents	34.7	47.8	41.0
Alzheimer's Disease	24.0	36.3	22.7
Diabetes Mellitus	23.4	26.9	23.7

Source: South Dakota Vital Statistics Reports (2008 & 2010)

ASSESSMENT PROCESS – QUALITATIVE DATA

CHNA Focus Groups

Landmann-Jungman Memorial Hospital held focus groups to seek the input of community and health leaders. The goal of these focus groups was to identify any unmet health care needs, underserved populations, and limited access to care in our primary service area. The focus groups were conducted involving the general public, a service organization, key community leaders, city and county government including law enforcement, school nursing and administration, and church officials in addition to individuals with special knowledge in public health including programs for the elderly and the local recreational facility.

Public Health Expert Interview

Bon Homme County Community Health Nurse was interviewed to provide expert input on public health needs for the Scotland community which is located in Bon Homme County. The community nurse office primarily works with women and children in the Scotland area. They provide car seats, safe pack and play cribs and provide breast feeding classes for community members. Overall community wellness through increased exercise, nutrition and education were areas she expressed a need for.

FINDINGS AND RECOMMENDATIONS

Upon the completion of the Community Health Needs Assessment process, various needs were identified in 2013. The needs were identified to be the most prevalent throughout the process and were determined by a prioritization process. The results of the community health needs assessment focus group and public health expert's interview comments were reviewed and common themes were identified. Criteria was based on the significance of each need, economic feasibility, potential of impact, probability of success and value of the presented theme. These needs were identified to be the most prevalent:

- *Increased access to Outreach Physicians*
- *Shortage of EMTs for the Ambulance*
- *Wellness Center for the Community*

These needs will be the area of focus for 2013-2016. Plans are based on current status and may need to be adjusted after further evaluation of findings during the implementation process.

Increased access to Outreach Physicians

Finding:

Health care needs, population age and demographics, and physician demographics contribute to the development of a physician recruitment model. There are a number of factors that influence the final population-to-physician ratio in a particular market. In rural areas, specialty physicians are often in short supply, or are available on a limited basis through outreach programs. Consequently, primary care physicians in a rural market often experience a wider scope of practice than primary care physicians in urban settings.

It was reflected through focus groups that the current local medical staff are quality driven and dedicated. However, there are needs for additional services provided through outreach physicians.

Plan:

To meet patients' needs, physician recruitment will be top priority. Landmann-Jungman Memorial Hospital will expand recruitment efforts. Currently, the hospital and clinic has one MD, PA, and CNP. Landmann-Jungman Memorial Hospital will work to secure outreach physicians that will address the specific needs of the community. Additionally, conversations will occur with local individuals who are pursuing medical degrees and hospital leadership will continue to work with local high school students who have medical career interests, with the

intent of recruiting them to Landmann-Jungman Memorial Hospital. To ensure an adequate provider-to-patient ratio and meet the community health needs, the hospital will also determine if recruitment efforts should be expanded to include hiring additional specialists.

Shortage of EMTs for the Ambulance

Finding:

Shortage of availability of trained Emergency Medical Technicians for Emergency Care Services was a concern of individuals in the primary data collection process.

Plan:

Scotland Emergency Care Services is a community run service. The hospital will work with community to help recruit and certify local EMT's. The hospital will also work to recruit internal hospital staff to join Scotland Emergency Care Services.

Wellness Center for the Community

Finding:

Obesity and poor nutrition is one of the largest health concerns for the Landmann-Jungman Memorial Hospital service area and is consistent with the Bon Homme County Ranking findings. Through qualitative data collection, this was found to be a concern of individuals of the Scotland community. With diet and exercise having a direct correlation to a person's overall health, it was of interest for the community to establish a wellness center.

Plan:

Landmann-Jungman Memorial Hospital will continue to promote wellness and physical activity to the community. The hospital will work with the community to further evaluate and assist with the possibility of establishing a community wellness center and/or wellness program that fits the specific needs of the community. The hospital will continue to grow and expand the community circuit training that is provided in the hospital therapy room twice a week free to all community members. As well as continue to market and expand the recently started community Weight Watchers program that holds weekly meetings at the hospitals West Winds Apartments.

How Priorities Were Chosen

During the focus group and public health expert interview there was a process presented that allowed the participants to evaluate the priority of each need that arose. This allowed for the presentation of the three needs mentioned above. Criteria were based on prevalence, economic feasibility, potential for impact, availability of community assets, and value of the presented themes.