

Eureka Community
Health Services
Avera 

2016

COMMUNITY HEALTH NEEDS ASSESSMENT

Carmen Weber, Administrator / CHNA Coordinator

Executive Summary

During 2015 and 2016, Eureka Community Health Services Avera conducted a community health needs assessment for the residents of Eureka and the surrounding rural area of McPherson County. The Eureka hospital's beginnings date back to 1928 when it opened as a charitable funded facility operated by the community of Eureka. In 1996, the Presentation Health System and St. Luke's Hospital signed a management agreement with the Eureka Community Hospital and in 1998 the Eureka Community Hospital became Eureka Community Health Services Avera. The hospital is governed by a local Board of Trustees and has a management agreement with Avera St. Luke's, which provides shared administrative and support to the Eureka hospital. Eureka Community Health Services Avera is proud to be celebrating 85 years of health care service and is committed to responding to the community's ever-changing health care needs.

Eureka Community Health Services Avera is a six-bed critical access hospital located in north central South Dakota. The Eureka hospital is located in McPherson County, which holds the distinction of having the highest percentage of its county population over the age of 65 in the state of South Dakota. The Eureka hospital is located 75 miles from the nearest tertiary hospital in Aberdeen, S.D. and takes great pride in providing as many services locally as possible especially given the aging population the hospital serves. In 2014, nearly 92 percent of the Eureka hospital's discharges were patients 65 years of age or older. Current payer mix is 87 percent Medicare.

The Avera community is guided by the gospel values of compassion, hospitality and stewardship. The Eureka Community Health Services Avera mission is "to provide quality, accessible healthcare to the residents in our region". The Eureka hospital recognizes the elements of compassion, respect, justice, and hospitality in carrying out this mission. Our vision is "to become recognized as the facility of choice in assisting citizens through the various levels of care our region offers to meet their healthcare needs".

Although conducting a community health needs assessment is an IRS requirement, the awareness of needs, through data collection and collaboration with community leaders and members, aligns with the hospital's mission and vision of improving the health of people in McPherson County and the surrounding areas. This process provides direction for prioritizing our future strategies in developing community driven goals.

Eureka Community Health Services Avera defines its primary service area as McPherson County. Hospital discharge totals range from 80 to 100 annually at the Eureka hospital and approximately 95 percent of the hospital's admissions are from McPherson County. The service area includes the towns of Eureka, Leola, and Long Lake. The hospital also serves a portion of Campbell County, in which the community of Herreid resides. Although predominately Caucasian, there are subgroup populations of Native Americans, Hutterites, Filipinos, and Hispanics.

Data collection for the Eureka hospital's Community Health Needs Assessment began in the fall of 2015. Our objectives are:

- To recognize health related concerns of community leaders and members.
- To identify common themes that can be prioritized for follow up.
- To develop strategic plans that can be undertaken with action from Eureka Community Health Services Avera and community partners.
- To take steps that will improve the health and lives of members of our community.

Based on the results of this assessment, Eureka Community Health Services Avera will strive to improve current facilities with the construction of a new Hospital and Assisted Living facility, recruit another physician or Advanced Practice Professional and promote and educate the public on the prevention of heart disease.

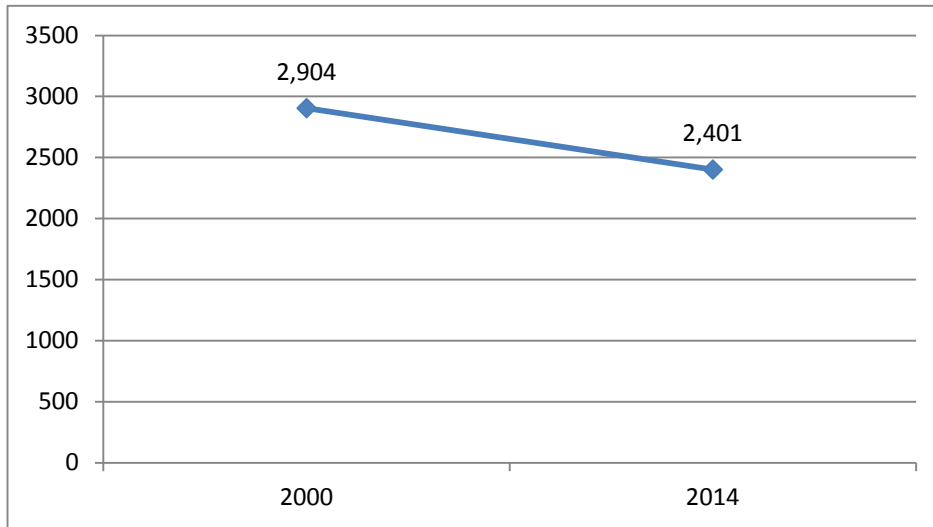
Description of Community Served by the Hospital

Eureka Community Health Services Avera serves the residents of McPherson County. Nearly 95 percent of the hospital's discharges originate from McPherson County. McPherson County has a total area of 1,152 square miles and is located on the northern border of South Dakota adjacent to North Dakota.

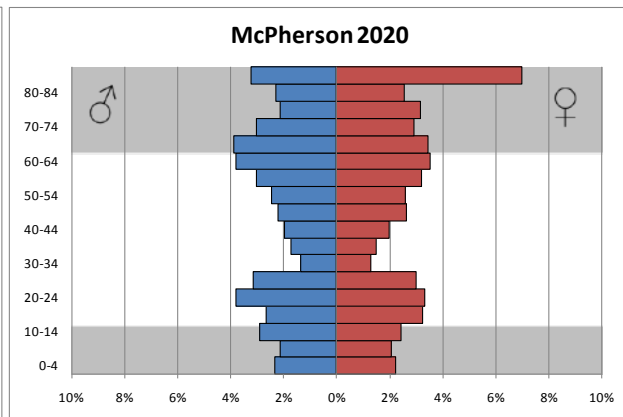
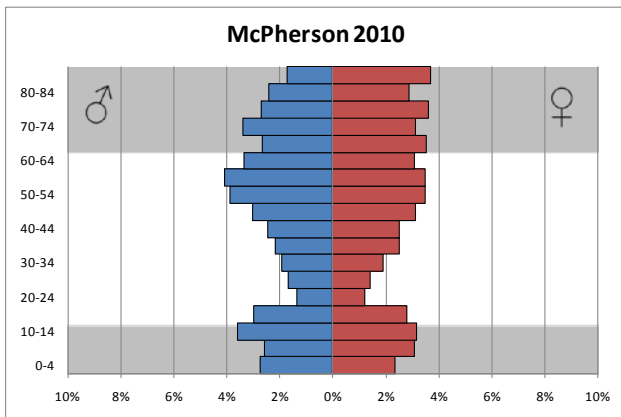


As of the American Community Survey (ACS) of 2014, there are 2,401 people and 1,028 households residing in the county. The population density is 3 people per square mile (1/km²). There are 1,407 housing units at an average density of 1 per square mile (0/km²).

The population of McPherson County has been very unstable for the past 2 decades. According to ACS for McPherson County in 2014, the population of the area was approximately 2,401 people. From 2000 to 2014, the McPherson County population has declined by 17% (or from 2,904 people in 2000 to 2,401 people in 2014).



Also of interest, is the aging population in McPherson County. In 2010, 30 percent of the county’s population was age 65 and over. Traditionally, age demographics for a county would resemble a pyramid, wide at the bottom representing people in their younger years and narrow at the top representing the older population; however this is not the case in McPherson County. The age and gender charts below for McPherson County clearly show the outmigration of young people and the larger aging component of the population. Such demographic trends create unique challenges for a community.

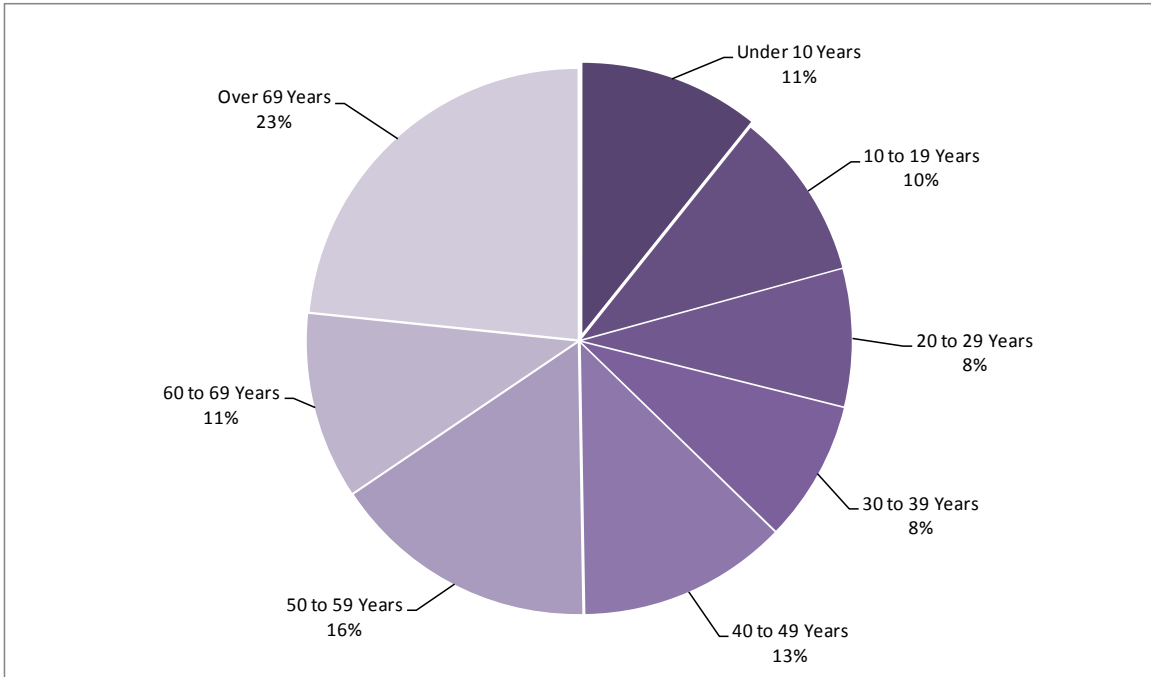


Eureka Community Health Services Health Needs Assessment 2016

McPherson County (2010)							McPherson County (2020)						
age cohort	total		males		females		Age Coho	Total		Male		Female	
	#	%	#	%	#	%		#	%	#	%	#	%
0--4	126	5.12	68	2.77	58	2.36	0-4	103	4.55	53	2.32	50	2.23
5--9	140	5.69	64	2.60	76	3.09	5-9	94	4.17	48	2.12	46	2.05
10--14	167	6.79	89	3.62	78	3.17	10-14	120	5.33	65	2.89	55	2.43
15--19	143	5.82	74	3.01	69	2.81	15-19	134	5.91	61	2.68	73	3.23
20--24	63	2.56	33	1.34	30	1.22	20-24	161	7.11	86	3.79	75	3.32
25--29	76	3.09	41	1.67	35	1.42	25-29	139	6.15	72	3.17	67	2.98
30--34	94	3.82	47	1.91	47	1.91	30-34	60	2.63	31	1.37	29	1.26
35--39	115	4.68	53	2.16	62	2.52	35-39	72	3.18	39	1.71	33	1.47
40--44	122	4.96	60	2.44	62	2.52	40-44	89	3.93	44	1.96	44	1.97
45--49	152	6.18	75	3.05	77	3.13	45-49	109	4.82	50	2.20	59	2.62
50--54	182	7.40	96	3.90	86	3.50	50-54	114	5.04	55	2.45	59	2.59
55--59	187	7.60	101	4.11	86	3.50	55-59	141	6.21	68	3.01	72	3.20
60--64	159	6.47	83	3.38	76	3.09	60-64	166	7.34	86	3.81	80	3.52
65--69	153	6.22	66	2.68	87	3.54	65-69	166	7.32	88	3.90	78	3.43
70--74	161	6.55	84	3.42	77	3.13	70-74	135	5.95	69	3.04	66	2.91
75--79	156	6.34	67	2.72	89	3.62	75-79	120	5.30	48	2.14	72	3.16
80--84	130	5.29	59	2.40	71	2.89	80-84	110	4.86	52	2.31	58	2.55
85+	133	5.41	42	1.71	91	3.70	85+	231	10.21	73	3.23	158	6.98
	2459	100	1202	48.88	1257	51.12		2262	100	1088	48.10	1174	51.90

Source: SDSU Rural Life and Census Data Center -- www.sdstate.edu/soc/rllcdc/index.cfm

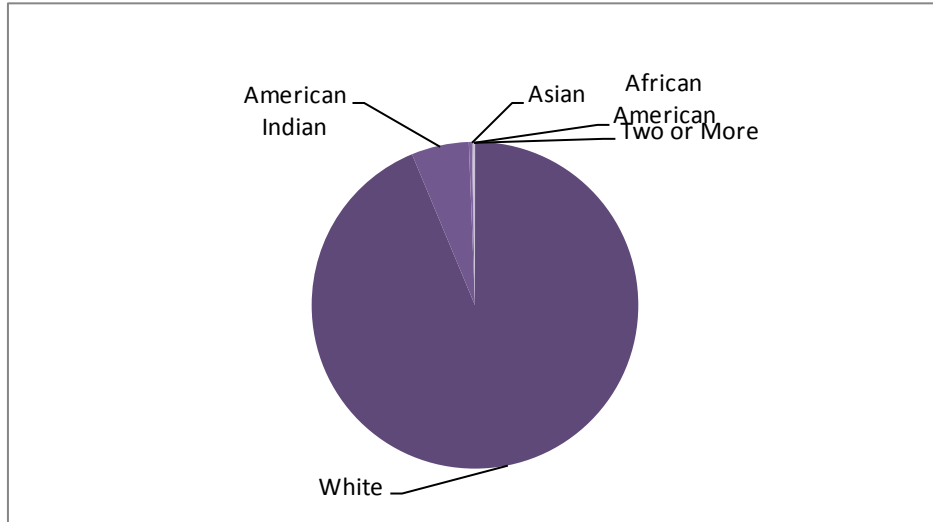
McPherson County 2014 Population by Age



Age Range	Number / Percent
Under 10 Years	258 / 10.7%
10 to 19 Years	240 / 10%
20 to 29 Years	196 / 8.2%
30 to 39 Years	200 / 8.3%
40 to 49 Years	300 / 12.5%
50 to 59 Years	380 / 15.8%
60 to 69 Years	266 / 11.1%
Over 69 Years	561 / 23.4%

Census 2014 Race Data

The racial/ethnic composition for McPherson County is predominately White (93.7% White, 5.7% American Indian, .3% Asian, .1% Black or African American and .2% from two or more races).



Economic Landscape

The economy in McPherson County has remained relatively stable. The unemployment rate has been in the 4% range over the past three years, which is consistent with the statewide average and lower than the national average. According to the U.S. Census Bureau American Community Survey (ACS) of 2014, Small Area Estimates Branch, the median household income for McPherson County was \$37,602 and the proportion of persons living below the Federal Poverty Level was estimated at 21.4%.

There are 1028 households in McPherson County; 50.3 percent were married couples living together, 10.6 percent had a female householder with no husband present, and 36 percent were non-families. 35.1 percent of all households were made up of one individual. The average household size was 2.00 and the average family size was 2.54.

The median income for a household in the county was \$37,602. Males had a median income of \$37,188 versus \$33,824 for females. The per capita income for the county was \$22,515. About 16.6 percent of the population is below the poverty line.

Income

Median Household Income – Census 2010	\$22,380
American Community Survey (ACS) 2009-2014	\$37,602

Community Health Needs Assessment Process and Community Input

Quantitative data was gathered from the U.S. Census Bureau, South Dakota Department of Health, Office of Health Statistics and the SDSU Rural Life and Data Center. Qualitative data was collected from focus groups. The focus groups were conducted in October and November. Each group was asked a series of questions and the information was tabulated by a recorder. Careful consideration was taken when establishing the focus groups to ensure the hospital's community needs assessment included input from persons who represent the broad interests of the community.

One focus group included community leaders who have been actively involved in the community and with our organization. This focus group included the ambulance squad president, the county coroner, ministerial association president, the county sheriff and his deputy, the county emergency manager, the Eureka fire department chief, the nursing home administrator, and the facility director of patient services, and the CEO of the medical facility.

A second focus group was the hospital's medical staff committee, consisting of senior leaders and primary care providers. A third focus group was the Board of Trustees. A fourth focus group was the Capital Campaign Steering Committee consisting of the town pharmacist, city council member, retired school teacher, retired pastor, community business woman, former State Legislator and 7 local farmers/ranchers from across McPherson County.

In addition, to ensure that the organization included input from those with special knowledge or expertise in the needs of the elderly of our community, the Eureka Community Health Services Avera Home Health/DSS Homemaking Director was also asked to answer the series of questions utilized in the primary data collection. The McPherson County Public Health Nurse also answered the series of questions utilized in the primary data collection. Jaci has special knowledge and expertise in public health and knows the needs of the most vulnerable and those most impacted by health disparities. At the present time, the community health nurse office is offering services primarily to women and children.

No questions or comments were received from any individual regarding our Community Health Needs Assessment or Implementation Strategy that was completed in 2013.

Questions utilized for the primary data collection were as follows:

- What health care services are most important to you?
- What is the most pressing health care related need facing you/your family?
- What is the most pressing health care related need facing our community?
- If you do use healthcare services in McPherson County, why?
- In what way(s) is the hospital and/or health care in McPherson County serving the community well?
- In what ways could the hospital and/or health care services in McPherson County improve the way in which it serves the community?
- If you could add one aspect of health care in McPherson County, what would it be and why?

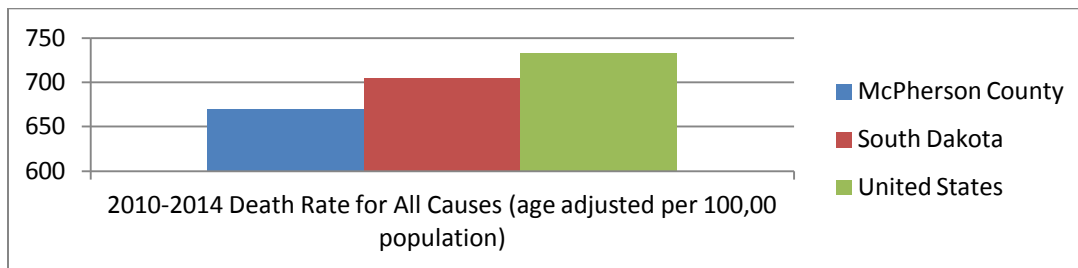
- Any additional health care comments from today’s participants?

Secondary data collection included the research of McPherson County demographics and health related statistics and obtaining reliable data through internet research. Sources of this data include U.S. Census Bureau, County Health Rankings & Roadmaps, US Department of Health and Human Services, South Dakota Department of Health, and the South Dakota Association of Healthcare Organizations.

Prioritized Significant Community Health Needs

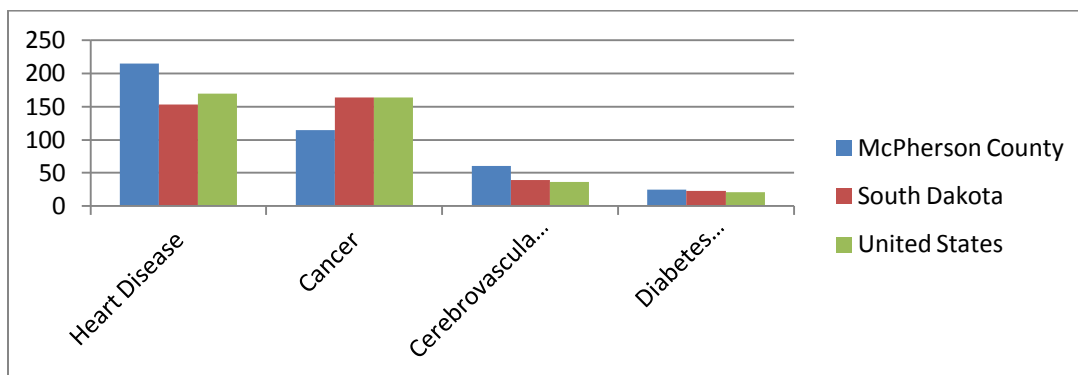
The health needs identified through the quantitative and qualitative information collection process were analyzed and prioritized. In examining quantitative data, the following trends were noted:

- Mortality rates for McPherson county are lower than state and national averages.



Source: South Dakota Department of Health, Office of Health Statistics

- Leading causes of death follow state and national trends with Heart Disease and Cancer accounting for nearly half of the deaths.
- McPherson County’s rate of death due to heart disease is significantly higher than the state and national rate.



Source: South Dakota Department of Health, Office of Health Statistics

Prioritization is an important process for determining what should be done to address identified health needs of the community. Information from the focus groups were reviewed to determine community health needs. Common themes were identified. Factors considered when prioritizing the community

health needs included availability of solutions and the likelihood of success, impact of the health problem on the community, availability of resources to address the problem, urgency of the problem and the number of individuals affected by the problem. The following were identified as the top priorities:

- New, updated facilities
- Heart Disease
- Recruitment of Providers

Health Resources

McPherson County is a federally designated Frontier area and carries a federal Medically Underserved Area designation. Statistically, access to healthcare in South Dakota is of significant concern. While the national benchmark for uninsured adults is 11 percent, South Dakota measures at 13 percent while McPherson County is at 15 percent.

The following healthcare resources are located in McPherson County:

Eureka Community Health Services is the only acute care facility in McPherson County. The hospital offers inpatient and skilled swing bed care, cataract surgery, endoscopic services, emergency services, rehabilitation therapies (PT and OT), dietary consultation, laboratory, radiology (including general radiologic services, CT scan, MRI, mammogram, bone density scan, ultrasound). Several specialty clinics are held at the hospital including sleep studies, orthopedics, and surgery.

Electronic Medical Record is shared throughout the Avera System.

Two independent physicians offer comprehensive medical care to adults and children and are full-time family practice physicians on call 24/7.

Northeastern Mental Health provides counseling in the community.

A public health office is maintained in McPherson County through an alliance contractual agreement between Eureka Community Health Services Avera, McPherson County and South Dakota Department of Health. Some of the services include Women, Infant and Children (WIC), school health, immunizations, and baby care education. The WIC program provides nutritional counseling, monitor hemoglobin, assess height and weight and makes referrals. The nurse reviews immunization records, does screenings for hearing, vision and scoliosis. The nurse educates parents, children and teens about immunizations, childhood diseases, hazards of smoking and drugs, safe sleep for infants, benefits of breast feeding and general child safety. This education is done at the schools and other speaking engagements.

McPherson County has one Nursing Home, Avera Eureka Healthcare Center, which offers skilled, intermediate and assisted living care. As well, there is also an Assisted Living Center located on the local hospital campus.

Eureka also has a pharmacy and a volunteer ambulance department. Chiropractic services are available twice a week and there is a dentist from Aberdeen, South Dakota that comes to Eureka once a week to see patients.

Evaluation of impact

Based on the 2013 CHNA, Eureka Community Health Services Avera's Implementation Strategy focused on the following items:

1. Recruitment of Providers: The recruitment of an APP for this community began in January 2016. Interviews are taking place and we are hopeful to have an APP secured soon in order to establish a Provider Based Rural Health Clinic.
2. EMT classes: Avera McKennan began offering EMT classes via video conference in the hospital conference room in January 2016, which will bring the classes right to our community and interested persons will not have to travel to receive the education needed to become an EMT. Currently no individuals have signed up, however we will continue to promote this program in the community.
3. Education on Health Care Services: Education on health care services was provided in a brochure that was printed and distributed to areas of the clinic and the hospital as well as mailed out to all households in Eureka and the surrounding community. Department head employees went to the chamber meetings, holiday fairs, radio talk show and ads in the newspapers to promote the services. A Health Happenings article is also included monthly in the local newspaper. All of these items have made the public more aware of what health care services are available in the community.
4. Preventive Screenings: Preventive screenings were offered in connection with the ambulance service for awareness on heart attacks and strokes. The Physical Therapist has offered fall risk and balance screenings at the local senior center for the last two years. A direct to consumer lab testing was also done to allow patients to have certain tests done at a reduced rate which was very well attended and will be continued once a year.

Next steps

An implementation strategy will be developed to accomplish the goals listed below, and that strategy, along with this CHNA summary, will be submitted to the Eureka Community Health Services Avera Board of Trustees for approval:

- New, updated facility.
- Recruitment of Providers
- Education and prevention of Heart Disease

This assessment summary is available on the Avera website at:

www.avera.org/app/files/public/12230/2013-CHNA-eureka.pdf

A copy may also be obtained by contacting the administrative staff of Eureka Community Health Services Avera.