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## **About**



Kearney County Health Services is please to provide our community with exceptional quality health services. Our hospital is a 10-bed inpatient Critical Access Hospital, which provides spacious rooms for patients to receive care. Patients may be admitted to the hospital through the attached Minden Medical Clinic, after having surgery at our facility, through the Emergency Room, or as a Swing Bed patient after a critical illness at a tertiary care facility.

Our Emergency Room has received the Basic Trauma Center designation and is ready to care for the emergencies of those in the communities we serve. Recently KCHS has been awarded the Bronze Award from the American Heart Association's Get With the Guidelines-Stroke Rural Recognition, which recognizes efforts to address the unique health needs of rural communities. We take pride in our close relationship with local EMS and are capable of receiving cardiac tracings from an ambulance en-route to begin cardiac care and planning for patients even before their arrival.

Minden Medical Clinic hosts 4 physicians and 2 nurse practitioners to ensure that patient needs are met quickly. Our family practice providers are able to care for patients of all ages—from infants to elderly. Allergy Clinic also takes place in our Minden Medical Clinic, and allergy shots are given based upon in-house testing. We strive to provide not only care to those who are ill, but preventative services to all of our patients, and participate in preventative care programs with Medicare, Blue Cross, United Healthcare, Blueprint Health, and Medica.

Senior Life Solutions is an outpatient geriatric psychiatric unit that is hosted at Kearney County Health Services, and provides group-based therapy and support for older community members who have experienced loss, suffer from depression, or experience changes as they age.

#### Services provided by Kearney County Hospital include:

- Emergency Care
- Acute Care
- Observation
- Swing Bed
- Outpatient Infusion
- Outpatient Surgery
- Wound Care
- Laboratory
- Radiology
- Ultrasound
- Cardiac Rehab
- Counseling services



\*Designates surgical services are also available

#### Specialist Services provided at Kearney County Hospital include:

- Cardiology
- Cataract Surgery\*
- E.N.T. \*
- General Surgery\*
- Orthopedics\*
- OB/GYN
- Pain Specialist\*
- Podiatry\*
- Psychiatric/Mental Health
- Pulmonology

## Vision And Mission



## Vision <

We strive for quality healthcare in a safe environment, with progressive health and wellness options, in order to be the trusted partner in health and wellness and the employer of choice.

## Mission (

To provide exceptional, family-centered care while strengthening the health and well-being of our community.

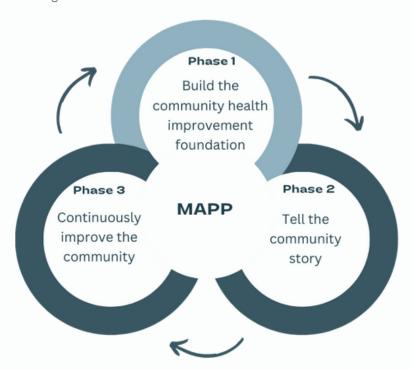
## Community Health Assessment Process



Kearney County Health Services Partnered with Two Rivers Public Health Department to complete a Community Health Needs Assessment (CHNA) and a Community Health Improvement Process (CHIP) using the Mobilizing for Action through Planning and Partnerships Process (MAPP). The MAPP process uses 3 phases and 6 steps to gain an understanding for the community.

#### This 6 step process is:

- 1. Form the assessment design team
- 2. Design the assessment implementation process
- 3. Conduct the three assessments (previously 4)
  - a. Community Partner Assessment
  - b. Community Status Assessment
  - c. Community Context Assessment
- 4. Triangulate the data, identify themes, and develop issue statements
- 5. Develop issue profiles through root cause analysis
- 6. Disseminate CHNA findings



Kearney County Health Services met with Two Rivers Public Health Department in May 2023 to form the community health improvement foundation. Kearney County Health Services began the process of data collection at the Kearney County Fair in August 2023. A community meeting was held to conduct the community partner and community context assessments during November 2023. Starting in early 2024, Kearney County Health Services and community partners will name community health improvement priorities and begin Phase 3, continuously improve the community.



## **Key Findings**

Indicator/Area of Community Health Need	Rationale for Selection
Increase in Population	• In 2020, the Kearney County population increased 4.3% from the 2010 population (State comparison: 7.4%)
Racial and Ethnic Minorities	Since 2010, Kearney County's racial and ethnic minority population has increased by 95.4%
Educational Attainment	<ul> <li>In 2022, 20.7% of Kearney County's population had a bachelor's degree or higher (State comparison: 21.9%).</li> <li>In 2022, 18.6% of the Kearney County population had a high school diploma or equivalent (State comparison: 14.5%)</li> </ul>
Socioeconomic Status	• In 2021, the Kearney County median household income was \$72,700 (State comparison: \$66,900).
Poverty	<ul> <li>In 2022, 9.3% of the Kearny County population had an income below the poverty level (State comparison 10.1%)</li> <li>The Kearney County poverty percentage increased by 3.4% from 2010 to 2022 (State comparison: -0.7%)</li> <li>In 2021, 9% of the Kearney County population under 18 years old lived in poverty (State comparison: 12%).</li> <li>The poverty percentage for individuals under 18 years old decreased by 4% from 2012 to 2021 (State comparison: -5%).</li> </ul>
Severe Housing Problems	In 2019, 8% of Kearney County households were classified as having severe housing problems (State comparison: 12%)



## **Key Findings**

Indicator/Area of Community Health Need	Rationale for Selection
General Health "Fair" or "Poor"	• In 2020, 11% of Kearney County residents reported general health as "fair" or "poor" (State comparison: 11%, U.S. Comparison: 12%)
Sleep	• In 2020, 29% of Kearney County adults got less than 7 hours of sleep per day (State comparison: 29%)
Shortage of Specialty Care	<ul> <li>Kearney County had reported a shortage of specialty care professionals in the areas of Mental Health and Primary Care.</li> <li>The specialty care profession without reported shortage in Kearney County was General Dentistry.</li> </ul>
Uninsured	In 2020, 8% of the Kearney County population reported being without health insurance (State comparison: 9%).
Low Birth Weight	<ul> <li>In 2020, 8% of all live births in Kearney County were classified as being low birthweight (&lt;2,500g) (State comparison: 7%).</li> </ul>
Disability	In 2020, 11.8% of the Kearney County civilian noninstitutionalized population was identified as having disability (State comparison: 11.1%)
Heart Disease	• In 2020, the heart disease death rate in Kearney County was 157.9 per 100,000 population (State comparison: 144.9 per 100,000 population).
Cancer	• In 2020, the cancer death rate in Kearney County was 154.7 per 100,000 population (State comparison: 148.3 per 100,000 population).

## Kearney County Data Summary

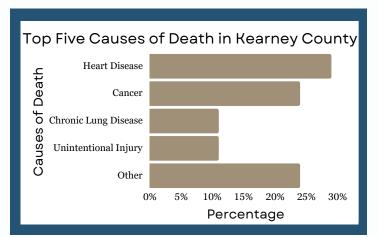


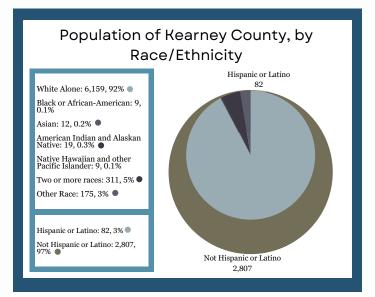
Ranked the 32nd Suite healthiest county in Nebraska

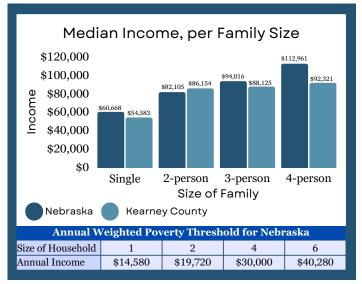


516 W. 11th Street, Suite 108B, Kearney, NE 68845

Background			
	Kearney County	Nebraska <sup>2</sup>	
Total Area	516 mi	772,358 mi	
Population	6,688	1,961,504	
Median Age	40 Years	37 Years	
Average Household Size	2.42	2.45	
Average Family Size	3.04	3.06	
Life Expectancy (at birth)	79 Years	79 Years	
High School Completion	95%	92%	
College Graduation (2 year, 4 year)	65%	73%	
Unemployment	1.8%	2.5%	
Children in Poverty	9%	12%	
Children in Single Parent Household	17%	20%	
Adult Smoking	17%	15%	
Adult Obesity	37%	34%	
Physical Inactivity	22%	21%	
DUI Mortality (per 100,000 fatal motor accidents)	40%	33%	
STI Rate	154/100,000	480/100,000	
Leading Cause of Mortlity	Heart Disease	Malignant Neoplasms	
Heart Disease Mortality	180/100,000	144/100,000	







#### County Information

Kearney County is home to a predominantly agricultural community in South Central Nebraska. With a population just under 7000 people, Kearney's per-capita income is the 10th highest in the state. Almost 2/3rd of the County is farmland, and Kearney is 13th among Nebraska counties with respect to agricultural output through sales. The 3 largest cities are Minden (County seat), Axtell and Wilcox. Kearney County is home to specialized facilities that offer in-patient mental health treatment and support, including the first certified autism center in Nebraska.



## Community Demographic Data

Comparison of Social Determinants of Health and Health/Nutrition Disparities in Kearney  County				
	Kearney County	Nebraska	United States	
General Health and Nutrition				
Poor or Fair Health	11%	10%	12%	
Poor Physical Health Days	2.7	2.5	3	
Poor Mental Health Days	3.8	3.9	4.4	
Life Expectancy	79.2	79	78.5	
Frequent Physical Distress	8%	8%	9%	
Frequent Mental Distress	12%	12%	14%	
Adult Smoking	17%	15%	16%	
Adult Obesity	37%	34%	32%	
Physical Inactivity	22%	21%	22%	
Access to Exercise Opportunities	62%	83%	84%	
Excessive Drinking	24%	23%	19%	

#### General Health and Nutrition

• When compared to the state and national records, Kearney County residents are at a higher risk of adult obesity although having less opportunities to exercise due larger distances between housing and parks/recreational centers.

#### Social Determinants of Health

 Residents of Kearney County experience lower levels of unemployment, poverty and housing issues compared to the rest of Nebraska, but also have a significantly lower median household income compared to national averages.

Comparison of Social Determinants of Health and Health/Nutrition Disparities in Kearney  County					
Kearney County Nebraska United State					
Social Determinants of Health					
Single Household Median Income	\$52,396	\$55,580	\$58,780		
Unemployment	1.8%	2.5%	5.4%		
Children in Poverty	9%	12%	17%		
Children Eligible for Free or Reduced Pric	35%	46%	53%		
Severe Housing Problems	8%	19%	37%		



## Community Demographic Data

Comparison of Healthcare and Preventative Measures in Kearney County				
	<b>Kearney County</b>	Nebraska	United States	
Healthcare and Prevention				
Uninsured	8%	9%	10%	
Uninsured Adults	9%	11%	12%	
Uninsured Children	6%	5%	5%	
Primary Care Physicians	3,330:1	1,300:1	1,310:1	
Dentists	2,220:1	1,240:1	1,380:1	
Mental Health Providers	2,220:1	330:1	340:1	
Preventable Hospital Stays	2,976	2,374	2,809	
Mammography Screening	43%	45%	37%	
Flu Vaccination	39%	53%	51%	
Communicable and Non-communicable Illnesses				
Alcohol-Impared Driving Deaths	40%	33%	27%	
Diabetes Prevalence	9%	9%	9%	
Sexually transmitted Infections	77	457.2	481.3	

#### **Healthcare Providers**

- Kearney County displays an increase of two to three times the national average need for healthcare providers (Physicians, Dentists, and Mental Health Providers).
- The top three leading causes of death in Kearney County are Heart Disease, Cancer, and Lung Disease.



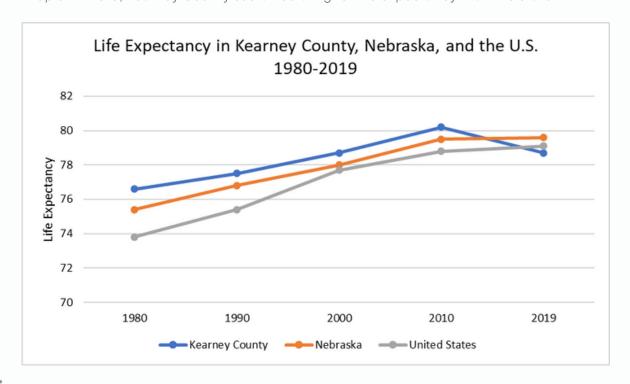
## Life Expectancy

Life Expectancy in Kearney County, Nebraska, and the U.S. 1980- 2019						
	Life Expectancy by Year				Change in Life	
	1980	1990	2000	2010	2019	Expectancy 1980-2019 (years)
Kearney	76.6	77.5	78.7	80.2	78.7	+2.1
Nebraska	75.4	76.8	78.0	79.5	79.6	+4.2
United States	73.8	75.4	77.7	78.8	79.1	+5.3

Source: US Health Map data visualization for life expectancies in the years 1980, 1990, 2000, 2010, and 2019. https://vizhub.healthdata.org/subnational/usa

#### <u>Life Expectancy</u>

- Life expectancy at birth in Kearney County averaged 78.7 years in 2019, with females (80.7 years) expected to live nearly four years longer than males (76.8 years).
- Between 1980 and 2019, life expectancy in Kearney County increased by 2.1 years, but is slightly lower when compared to State and National averages.
- The difference in life expectancy has been decreasing between Kearney County and Nebraska, averaging 0.5 additional years every ten years since 1980.
- Up until 2010, Kearney County sustained a higher life expectancy than the state





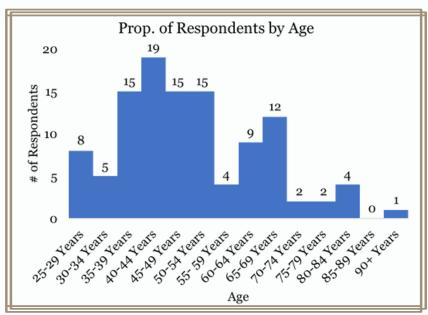
## Health Survey: Demographics

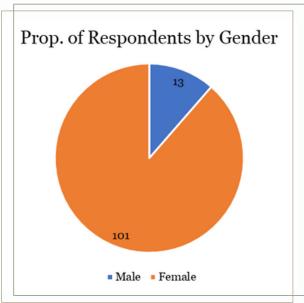
#### Survey Background

KCHS and TRPHD utilized Qualtrics to gather demographic and health information for the Community Health Assessment Survey. All respondents were able to scan a QR code with their mobile device to access the survey.

This demographic snapshot of survey respondents provides a clear overview of the survey sample, highlighting key characteristics such as residence, gender distribution, age, racial and ethnic identification, educational attainment, and income levels.

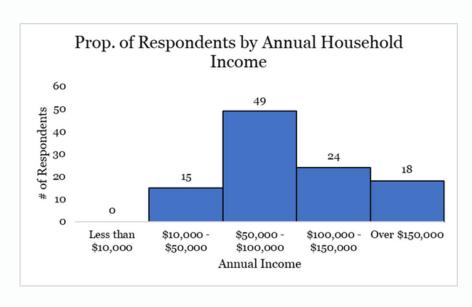
Out of the initial 150 responses, 36 surveys with a completion rate below 50% were excluded from analysis, resulting in a total sample size of 114. The majority of respondents (77%) were residents of Kearney County, Of these, over 2/3rds were from Minden, 4% from Axtell, 2% from Heartwell, 1% from Norman, and 1% from Wilcox. 89% of respondents identified as female, with the remaining 11% identifying as male. The median age of respondents was 48 years. Notably, among the 114 respondents, only one individual identified as non-white and of Hispanic or Latino origin.





# Health Survey: Education, Employment & Annual Income

Over 55% of respondents had a 4-year college degree or more. While this may not be representative of Kearney County's population, sampling methods and sample pre-selection likely contributed to the education levels.



Education	Frequency	%
Less than High School diploma	1	1%
High school diploma or GED	10	9%
Some college, but no degree	19	17%
Associates Degree	21	18%
Bachelor's Degree	40	35%
Master's Degree	18	16%
Professional Degree	2	2%
Doctorate	3	3%
Total	114	100%
Employment		
Employed for Wages	85	75%
Self-employed	8	7%
A homemaker/stay at home parent	4	4%
A student	1	1%
Retired	13	11%
Other/Prefer not to say	3	3%
Total	114	100%

A majority of respondents earned between 50-100,000 dollars a year, comparable to the median household income in the US.

A little over 80% of the sample was employed; retirees made up over 10% of respondents

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## Health Survey: Health Issues & Mental Health

#### Health Issues in the Community

- Sampling for the survey included clinical settings, likely influencing respondents replies.
- Kearney County residents report the highest prevalence of Mental Health Diseases (including Depression), and Arthritis (over 13%).
- About 2/3rds of the sample said they did not currently suffer from any diseases, and the proportion was comparable between men and women.
- Of the diseases reported, 21.4% of males reported having Type 2 diabetes, while only 7.1% for females. Prevalence of most other conditions in men and women were within expected ranges.

#### Mental Health

- Respondents were asked for feelings of nervousness, hopelessness, restlessness, depression, worthlessness and undue tiredness in the last 30 days.
  - 34% reported "all or some of the time" at least once
  - 43% reported "never or very rarely" for all symptoms

Do you suffer from any of the following?			
Ailment	%		
Arthritis	13%		
Asthma	2%		
Chronic kidney disease	1%		
Chronic obstructive pulmonary disease (COPD)	2%		
Colorectal cancer	0%		
Depression	13%		
Heart disease (Aortic disease, coronary heart disease, or etc.)	2%		
Lung cancer	0%		
Mental health disease (Depression, anxiety disorder, etc.)	14%		
Oral disease	1%		
Osteoporosis	3%		
Stroke	0%		
Type 2 diabetes	7%		
l do not suffer from any of the following illnesses	32%		
Other/Refuse to answer	9%		
Total:	100%		

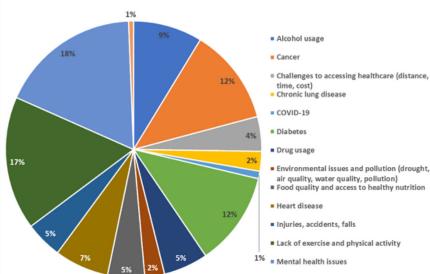
## Health Survey: Leading Concerns



Respondents were asked what they thought the 3 leading health concerns in the community were:

- Mental health issues and lack of access to spaces for physical activity and exercise were the leading health concerns, accounting for over 1/3 of responses.
- Access to and abuse of alcohol and other drugs was identified as a significant health concern by respondents
- Chronic diseases like diabetes and heart disease linked to lifestyle and diet were identified as concerns, and the lack of access to good nutrition in the region
- Systemic issues such as limited access to healthcare and environmental issues, although listed, were not seen as especially significant.
- Less than 1% of respondents listed COVID-19 as a significant health problem in the region.

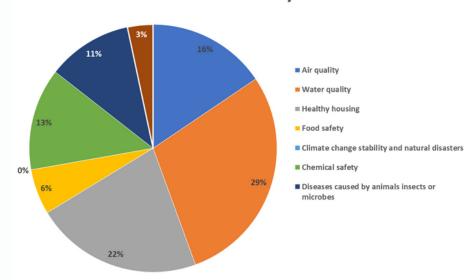




Additionally, respondents identified the leading environmental health concerns in the community:

- Water quality and safe housing were the two most important environmental health concerns identified by respondents.
- Concerns about air quality and climate stability were the other main concerns of survey respondents.

### Leading Environmental Health Concerns in the Community







#### COVID-19 Vaccination

- Of those who were surveyed, 88.5% (89.1% female, 83.3% male) reported receiving the COVID-19 vaccination.
- Of those who reported receiving the COVID-19 vaccination a majority (63%) stated that they were fully vaccinated and had received at least one booster dose
- 83.3% of male respondents were fully vaccinated with none/ at least one booster dose.
- When asked how difficult (or easy) accessing a COVID-19 vaccine, 96.7% of respondents answered that it was "somewhat easy" or "very easy" to access a vaccine.



#### Impact of COVID-19

- The most significant impact that residents identified as a result of the COVID-19 pandemic were barriers imposed on traveling to visit friends and family (30.6%).
- Males (21%) were impacted at greater proportions with regards to personal health or health of a family member than females (13%).
- Female respondents were more likely (7%) to have encountered bereavement (death of a close friend or family member) than males.
- Respondents report that the COVID-19 pandemic had little-to-no impact on their lives, with less than 1% listing it as a significant health problem in the region.

Did the COVID-19 pandemic impact you or your family any of these ways?				
Identified Impact	Female	Male		
Access to food and nutrition	7%	8%		
Change in housing status	1%	0%		
Employment or income	8%	13%		
Education/Schooling	13%	13%		
Personal health or health of a family member	13%	21%		
Bereavement (death of a close friend or family member)	7%	0%		
Mental health issues	12%	13%		
Barriers to travel visiting friends and family	31%	29%		
Other/Refuse to answer	9%	4%		
Total	100%	100%		



## Health Survey: Communications

### How do you access information about your personal health and health of your community?

Source	Female	Male
Media (TV, Print, Radio, Online)	17%	12%
Social Media	16%	15%
Friends and Family	16%	15%
Co-workers	12%	8%
Training and work experience	8%	8%
CDC, NIH, and other agencies	7%	8%
Physicians or healthcare provider	23%	35%
Other/Refuse to answer	1%	0%
Total	100%	100%

#### Access to Health Information

- 24.3% of respondents access information about personal and community health from a physician or other healthcare provider.
- Male and Female respondents had similar access to health information with little difference.

#### <u>Trusted Source Characteristics</u>

- The most commonly shared characteristics for a health news source were verifiability (30%), accessibility (26%) and simplicity of presentation (23%)
- Health information accessed through government agencies with public oversight were the least trusted among options listed (2%)
- Female respondents were more likely than men to want a single source of health information, while males were more likely to trust news presented by private agencies with public oversight.

#### If you had a choice for a trusted source for health news, what characteristics would it ideally have?

Characteristics	Female	Male
Single source for all information	12%	7%
Simple language	23%	21%
Accessible to everyone	26%	25%
Verifiable sources	30%	29%
Run by government agencies with public oversight	2%	4%
Run by private agencies with public oversight	5%	11%
Other/Refuse to answer	3%	4%
Total	100%	100%

## Community Partner KEARNEY COUNTY land Context Data





This report summarizes the community context meeting held as part of the Community Health Assessment process for Kearney County Health System. The Community Context Assessment (CCA) is a qualitative data assessment tool aimed at harnessing the unique insights, expertise, and perspectives of individuals and communities directly impacted by social systems to improve the functioning and impact of those systems.

Two Rivers Public Health Department facilitated this meeting to understand:

- · What strengths and resources does the Kearney County community have that support health and well-being?
- What are the current and historical forces of change at play in the local community, regionally and globally that shape political, economic, and social conditions for community members?
- What are the physical and cultural assets in the built environment and how do those vary by neighborhood?
- · What steps are being taken in the community to improve health outcomes? What solutions has the community already identified on its own to improve community health?





## Community Partner & Context Data



All participants were asked to describe Kearney County in their own words. These words were fed into a word cloud generator creating the image above.



# Community Partner & Context Data



Participants were asked to answer a series of questions regarding the health of the community. The questions were written on large Post-it notes. Participants responded to the prompts with sticky notes.

Prompts read as follows:

- Access to resources in your community that lead to a healthy lifestyle
- Resources in your community that address Mental Health
- Barriers to a safe environment in the Kearney County community
- Where do you receive reliable and relevant healthcare information for your community?
- Barriers to accessing healthcare information in Kearney County

Responses were categorized and brought forward to the group for further thought. The summary below is the outcome of this process.





#### Strengths

- Kearney County has many opportunities
- Kearney County has good school systems and staff
- Kearney County Health Services is growing
- Residents of Kearney County have access to healthy foods
- Social networking
- Community Action
   Partnership helps provide
   additional mental health
   services for Seniors and
   children



#### **Barriers**

- Individuals in the community are experiencing financial difficulties
- There is a lack of access to affordable broadband
- More education is needed about sources of reliable, accurate information
- Lack of access to transportation and lack of knowledge about how to access public transportation
- Lack of information technology (IT) knowledge



#### **Opportunities**

- There is a need for increased mental health education
  - Educators should distinguish the difference between mental health and mental wellness
- There is a stigma associated with poor mental health and a need for more privacy when accessing care



#### **Needed Resources**

- Improved sidewalks
- Communication about available resources
- Increased collaboration of all community members
- Financial Resources







Mental Health	Home Care	Preventative Care/ Nutrition Education	Access to Exercise/ Physical Health
<ul> <li>Mental health resource recruitment</li> <li>Education on mental health definitions and concerns</li> <li>Drug and Alcohol Abuse lead to health issues</li> <li>Mental health services</li> </ul>	<ul><li>Financial resources</li><li>Motivation</li></ul>	<ul> <li>Education/knowledge of locations to access physical activity</li> <li>Incentivizing the usage and support of existing facilities and amenities</li> <li>Education outreach for physical activity opportunities</li> <li>Access to wellness education and information</li> </ul>	<ul> <li>Financial resources</li> <li>Wellness facility access</li> <li>Quality sidewalks in city/village</li> </ul>

KCHS gathered together key partners to identify the top health priorities. When discussing priorities, participants also named challenges that could affect each priority. Please see the challenges below.



## Community Health Improvement Priorities Goals

Priority Area	SMART Goal	Further Steps	
Mental Health	In the next 3-6 months, KCHS will focus on expanding onsite provider outreach building further on mental health services already in place.	KCHS, TRPHD, and MPD will gather resources to share with community members in a compact flyer/card for both pre- and post- crisis situations.	
Home Care	In the next 3-6 months, KCHS will identify appropriate home care agencies, classify type of care, understand funding, and contact agencies like Area Agency on Aging.	TRPHD and KCHS will design and distribute resource cards to EMS, police, and other agencies. All agencies will identify individuals in need of services.	
Preventative Care/ Nutrition Education	Starting March 1, 2024, a program or educational material will be delivered 3 times per month for 3 months to educate Kearney County citizens on the results of the community health needs assessment, and where we as a community can move the needle.	Within 6 months, KCHS will identify a target population or audience. Within 1 year, KCHS will implement specific programming.	
Access to Exercise/ Physical Health	In the next 3 months, KCHS and partners will promote current sites to access physical exercise and inventory sites. In the next 3-6 months, the City of Minden will review sidewalks and plan improvements	Within 6 months, KCHS and partners will identify a community action committee to begin conversations about a recreational facility for Minden and nearby communities.	

### **Resources**



- 1.U.S. Census Bureau. (2020). <u>Race [P1]</u>. *DEC Redistricting Data*.
- 2.U.S. Census Bureau. (2020). <u>Age and Sex [S0101]</u>. *ACS 5-Year Estimates*.
- 3.U.S. Census Bureau. (2019).

  <u>Households and Families [S1101]</u>. ACS
  5-Year Estimates.
- National Center for Health Statistics.
   (2020). <u>Life Expectancy at Birth for</u>
   <u>U.S. States and Census Tracts</u>, <u>2010-</u>
   2015.
- 5. County Health Rankings & Roadmaps. (2021). <u>Buffalo County Rankings</u>.
- 6. Center for Disease Control and Prevention. (2021). Wonder.
- 7.U.S. Census Bureau. (2020). <u>Hispanic or Latino</u>, and Not Hispanic or Latino by Race [P2]. *DEC Redistricting Data*.
- 8.U.S. Census Bureau (2021). Median Income in the Past 12 Months (In 2021 Inflation-Adjusted Dollars) [S1903].

  ACS 5-Year Estimates.
- CDC/Agency for Toxic Substances and Disease Registry (2020). <u>Social</u> Vulnerability Index.



## Created by:



Technical assistance for this Community Health Assessment process was provided by Two Rivers Public Health Department. This documentation serves as a record of what has been done and provides a reference for future work. Two Rivers Public Health Department would like to acknowledge the following employees who contributed to this report and work:

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