



Meade District Hospital Community Health Needs Assessment 2022

Meade District Hospital 2022-2025

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Introduction

The Patient Protection and Affordable Care Act (ACA), signed into law March 23, 2010, requires hospitals with a 501(c)(3) tax-exempt status to meet requirements to comply with the intent of a charitable hospital. The final rule was issued by the U.S. Department of the Treasury on December 29, 2014, regarding the charitable hospital requirements included in the ACA.

Under the final rule, organizations with a 501(c)(3) tax-exempt status that operate at least one hospital must comply with the requirements for charitable hospitals, including:

- ✓ conducting a Community Health Needs Assessment (CHNA) every 3 years.
- ✓ adopting an implementation strategy to meet the community health needs identified through the CHNA.
- ✓ reporting how it is addressing the needs identified in the CHNA and a description of needs that are not being addressed with explanations of why such needs are not being addressed.

Meade District Hospital operates as a charitable hospital under 501(c)(3) tax exempt status, but is not required to file a Form 990 tax return due to being under that arm of a state or local government entity. However, Meade District Hospital does operate using a 403(b) pension plan for employee benefits; therefore, subject to 501(r) tax regulations and is required to complete a CHNA on a 3-year cycle (MHA, 2019). This community health needs assessment is intended to document Meade District Hospital's (MDH) compliance with IRC Section 501(r). Health needs of the community have been identified and prioritized so that MDH may adopt an implementation strategy to address specific needs of the community it serves.

The Community Health Needs Assessment includes:

- ✓ A description of the community served by the hospital and how it was determined
- ✓ A description of the process and methods used to conduct the assessment
- ✓ A description of the approach used to plan, develop and conduct the assessment and prioritize the health issues, detailing how the hospital took into account input from individuals who represent the broad interests of the community served by the hospital facility
- ✓ A prioritized description of all community health needs identified through the CHNA, as well as a description of the process and criteria used in prioritizing such health needs
- ✓ A description of identified data from primary and secondary resources regarding financial and other barriers to access; preventive health gaps; and indicators of nutritional, social, economic, environmental and behavioral health, all of which influence health status
- ✓ A description of the existing health care facilities and other resources within the community available to meet the community health needs identified through the CHNA

The process involved collection and analysis of a large range of data, including demographic, socioeconomic, health statistics, and health care resources. Surveys of key stakeholders who represent a broad interest of the community, populations of need and/or persons with special knowledge of public health.

The 2019 Community Health Needs Assessment focused on the topics of Mental Health, Physical Inactivity, and Adult Obesity. The continuation to meet these needs of the community will be addressed with any new needs identified with the 2022 Community Health Needs Assessment.

In order to identify the current needs of the community, a twenty-two question, community-wide survey was conducted via email, community flyers with QR code, paper distribution to the community senior center, and posting to social media and hospital website. Results from the survey identified the following community health needs:

- Mental Health Needs for Teens and Adults
- Vaping Among Teenagers
- Illegal Substance Abuse
- Obesity in Adults

Further discussion of the assessment will be detailed later in this report.

The CHNA will identify assets and programs Meade District Hospital currently has in place, as well as existing gaps. This project provides an opportunity for Meade District Hospital to incorporate data and community input into the overall strategy to provide better services that result in better health care and lower costs for our community partners.

This document will be made widely available to the public and is a summary of all available evidence collected during the CHNA conducted in the 2022 tax year. It will serve as a compliance document as well as a resource until the next assessment cycle. Both the process and the document serve as the basis for prioritizing the community's health needs and will aid in planning to meet those needs (BKD, 2019).

Meade District Hospital: About Us

Located in Meade, Kansas, Meade District Hospital is a 20-bed critical access hospital (CAH) that has been recognized as a Top 100 Critical Access Hospital in 2022. Honored to serve the Southwest Kansas Community, Artesian Valley Health System serves four communities in Southwest Kansas – three of which are in Meade County. The primary medical service area for Meade District Hospital includes zip code areas of Meade, Plains, and Fowler.

The Meade Hospital District was formed in the early 1950s. Over the next 50 years, the original building was remodeled and expanded several times. In November 2000, voters of the Hospital District approved the construction of a new facility. This new building project was completed in 2004, allowing for the availability for more advanced healthcare services to community patrons.

Meade District Hospital assumed operations of three Rural Health Clinics and purchased Lone Tree Retirement Center in 2005. Due to the acquisitions of these entities, the Meade District Hospital Board of Directors and staff explored a name change that encompasses the facilities under one name. Artesian Valley Health System (AVHS) was born, in which the Meade District Hospital is now doing business.

Mission:

Artesian Valley Health System exists to enhance the lives of those who entrust us with their care by providing an exceptional health care experience with compassion and quality while meeting the unique needs of all members of our communities.

Vision:

Artesian Valley Health System will be a financially and operationally healthy organization that is the preferred choice for the communities we serve where people recognize the hospital as their point of entry into the healthcare system.

Values:

Through ~ **Honor** ~ **Courage** ~ **Commitment** ~ we will pursue excellence in providing outstanding health care. These core values reflect our dedication to service and are the benchmark against which we are measured.

Hospital Services:

Meade District Hospital offers the following services to the community:

• Acute Inpatient Care	• Cardiac Rehab
• Emergency Department	• Outpatient Services
• Imaging Services (X-Ray, CT, Mobile MRI, Ultrasound, Dexa, Bone Density)	• Specialty Clinic (orthopedics, cardiology, neurosurgery, and general surgeon)
• Sleep Lab	• Laboratory Services
• Nuclear Medicine	• Surgical Services
• Pulmonary Rehab	• Physical Therapy
• Athletic Training	• Wound Care
• Cardiac Stress Testing	•

Community Activities:

• Annual Health Fair	• Breast Cancer Awareness 5K Run
• Education at Senior Center	• Charity Care
• Back to School Bash	• Healthcare Scholarship
• Trunk or Treat	• School Sponsorships

About the Community

The CDC (2013) states “communities are typically defined by geographic area; however, they can also be based on shared interests or characteristics such as religion, race, age, or occupation. People within a community come from different backgrounds and have unique cultures, customs, and values”. BKD (2019) defined community as “the geographic area from which a significant number of the patients utilizing Hospital services reside”. The latter definition is the community identified for this document.

Artesian Valley Health System serves four communities in Southwest Kansas – three of which are in Meade County. The primary medical service area for Meade District Hospital, in Meade County, includes zip code areas of Meade, Plains, and Fowler. BKD (2019) defined the utilization of hospital services as the definition for Community due to Meade District Hospital being the “single largest provider of acute care services” in Meade County.

Figure 1 demonstrates that Meade District Hospital is the only primary medical service facility in Meade County. Surrounding hospitals are identified within the figure along with respective bed count. Figure 2 displays the geographical community for the hospital service areas of Meade (67864), Plains (67869), and Fowler (67844). Southern Gray County, zip code area of Montezuma (67867) can be identified as a secondary service area for Meade District Hospital as Gray County has primary hospital within the county.

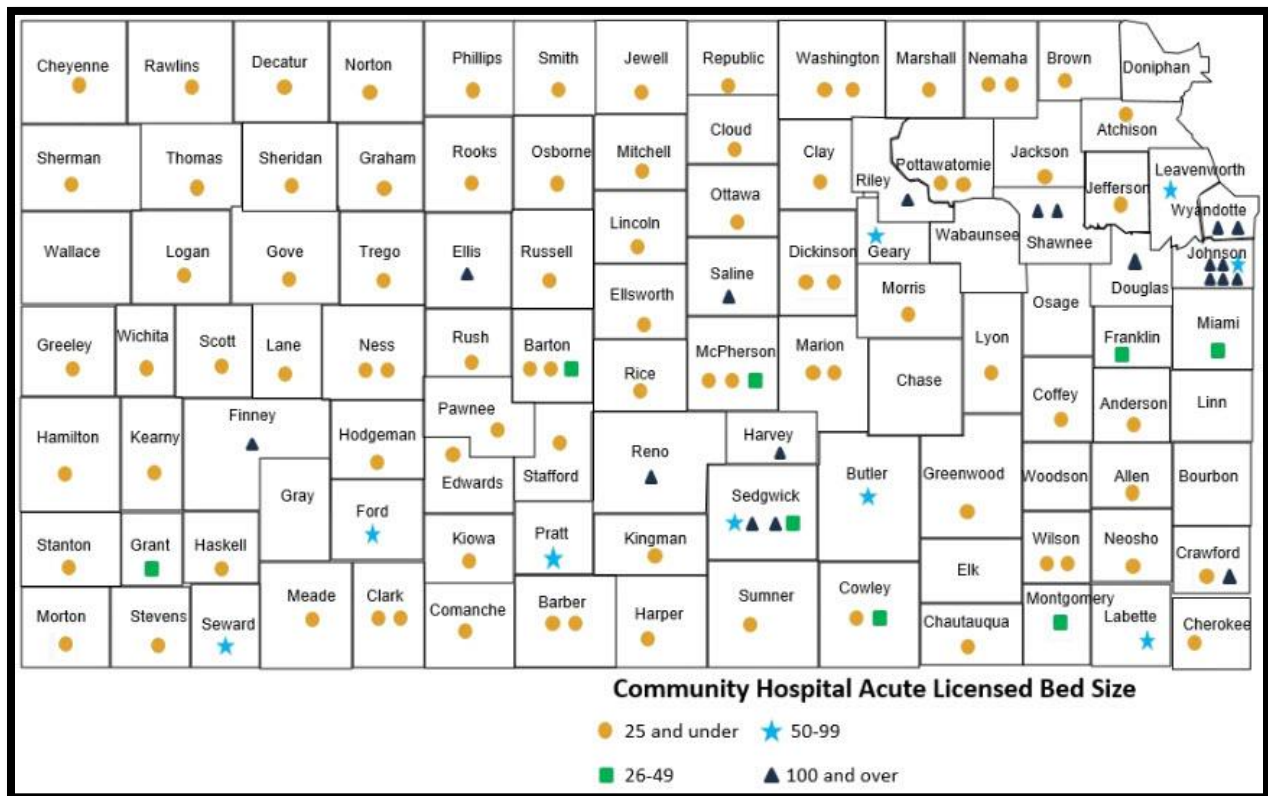


Figure 1: Meade District Hospital

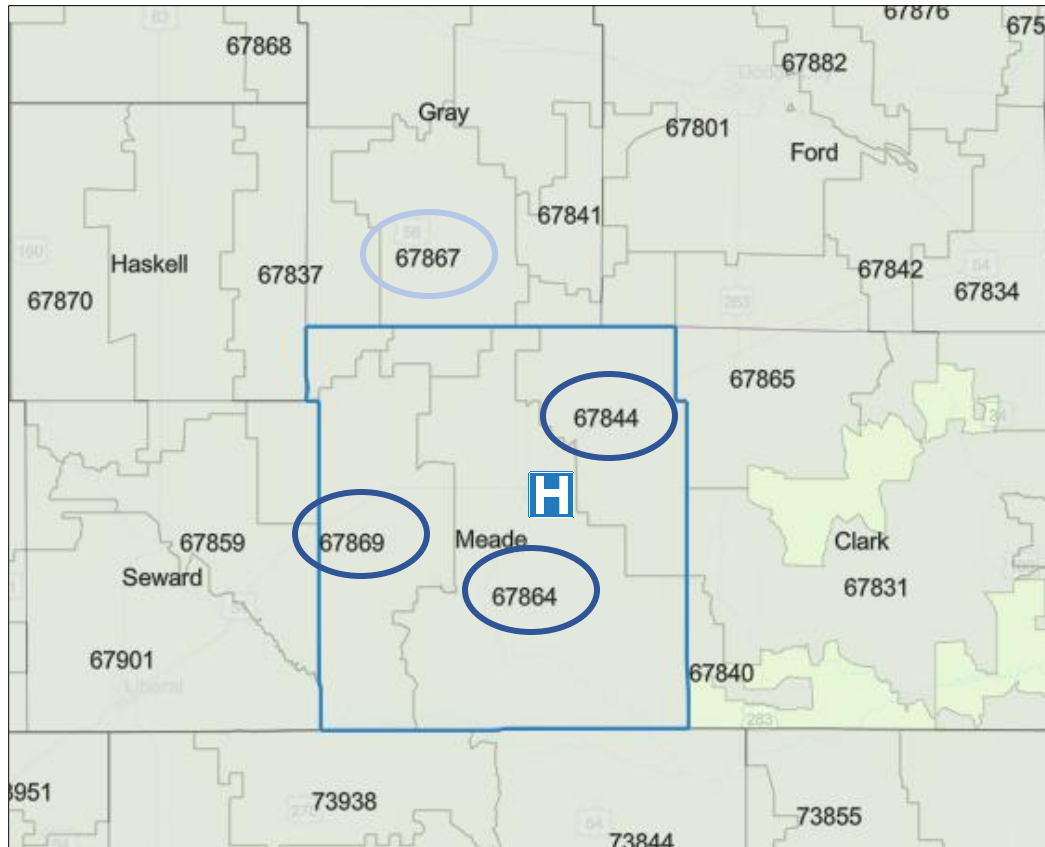


Figure 2: Meade District Hospital Service Area by Zip Code

Community Population:

The community's primary medical service area of the cities of Fowler, Meade, and Plains, as indicated by Table 1, experienced a decrease in population of 1.976% from 2010 to 2020, followed by a further estimated decrease from 2020-2021 of 0.488%. The 2020 United States Census identified all of Meade County to have a population decrease of 0.8% from 2020 to 2021 and 11.37% decrease from 2010-2020. Estimates were based on the United States Census Bureau provided by the Institute of Policy & Social Research by the University of Kansas.

Table 1: Population for Meade District Hospital Service Areas

Population by Zip Code		2010 Population	2020 Population	2021 Population Estimate	% Change 2010-2020	% Change 2020-2021
<i>Primary Medical Service Area</i>						
67844	Fowler city	590	534	532	-9.5%	-0.3745%
67864	Meade city	1,520	1,505	1,506	-0.987%	+0.0664%
67869	Plains city	1,028	1,037	1,023	+0.875%	-1.35%
Total		3,138	3,076	3,061	-1.976%	-0.488%
Pop/U.S. Census	All Meade County	4,575	4,055	4,022	-11.37%	-0.814%
<i>Secondary Medical Service Area</i>						
67864	Montezuma	955	975	951	+2.094%	-2.46%

SOURCE: U.S. Census Bureau: Kansas Data – Institute of Policy & Social Research – The University of Kansas

Community Health Services:

Other medical services are offered in the primary service area for Meade District Hospital. Table 2 displays these services.

Table 2: Existing Medical Services in the Meade District Hospital Primary Service Area

# of Services	Type of Service
1	Hospital: Meade District Hospital
1	Dental Office
1	Chiropractic Office
1	Nursing Home
1	County Health Department: Meade County
1	EMS Provider
1	Pharmacy
3	Family Practice Clinic

Community Population and Demographics:

It is important to understand the demographic population of Meade County in relation to the medical services that are provided to the community. According to Kansas Health Matters (2022), 5–18-year age group makes up more than a quarter of the population of the Meade County community at 26% (1,045 individuals). A majority of the population is between the ages of 19-64, consisting of 1,939 (48.2%).

When looking at race and ethnicity of the Meade County population, it is important to note the growing population of individuals identifying as Hispanic or Latino origin. In comparison to the state, as a whole, of 12.7%. This data is significant to understand how the delivery of healthcare services may be impacted due to language barriers, and disease processes that may affect the Hispanic population more greatly.

Table 3: Community Populations & Demographics for Meade District Hospital Primary Service Area, Meade County, Kansas - 2021

Demographic Snapshot						
Total Population		Population by Gender				
Population		Male		Female		
Meade County, KS	4,022	2,095		1,927		
Kansas	2,934,582	1,470,226		1,464,356		
United States	331,900,000	164,290,500		167,609,500		
Age Distribution						
	< 5 years % Total Pop	5-18 years % Total Pop	19-64 yrs % Total Pop	65+ % Total Pop		
Meade County, KS	6.8%	26.0%	48.2%	19.0%		
Kansas	6.1%	24.0%	53.2%	16.7%		
United States	5.7%	22.2%	55.3%	16.8%		
Race/Ethnicity						
	White, Not Hispanic or Latino	Black or African American	Hispanic or Latino	American Indian or Alaska Native	Asian	Other
Meade County %	75.3%	1.5%	19.9%	1.7%	1.0%	0.6%
Kansas %	74.7%	6.2%	12.7%	1.2%	3.2%	2.0%
United States %	59.3%	13.6%	18.9%	1.3%	6.1%	0.8%

SOURCE: Kansas Health Matters and United States Census Bureau

Community Health Factors

Access to Healthy Food

According to Kansas Health Matters (2022), the most recent ‘Grocery Store Density’ indicator was recorded in 2016. “There are strong correlations between the density of grocery stores in a neighborhood and the nutrition and diet of its residents. The availability and affordability of healthy and varied food options in the community increase the likelihood that residents will have a balanced and nutritious diet. A diet comprised of nutritious foods, in combination with an active lifestyle, can reduce the incidence of heart disease, cancer and diabetes and is essential to maintain a healthy body weight and prevent obesity. Low-income and under-served communities often have limited access to stores that sell healthy food, especially high-quality fruits and vegetables. Moreover, rural communities often have a high number of convenience stores, where healthy and fresh foods are less available than in larger, retail food markets” (Kansas Health Matters 2022). There are 2 grocery stores in Meade County. One in the city of Meade and one in the city of Plains. The Plains store opened at the beginning of 2022, providing an additional resource to Meade County. This increased access by 0.27 per 1,000 people from the 2019 Community Health Needs Assessment, allowing more individuals access to a grocery store. Table 8 delineates grocery store access per 1,000 people, broadly for the U.S. and the State of Kansas populations, and local for Meade County in 2016 and 2022.

Table 8: Grocery Store Access

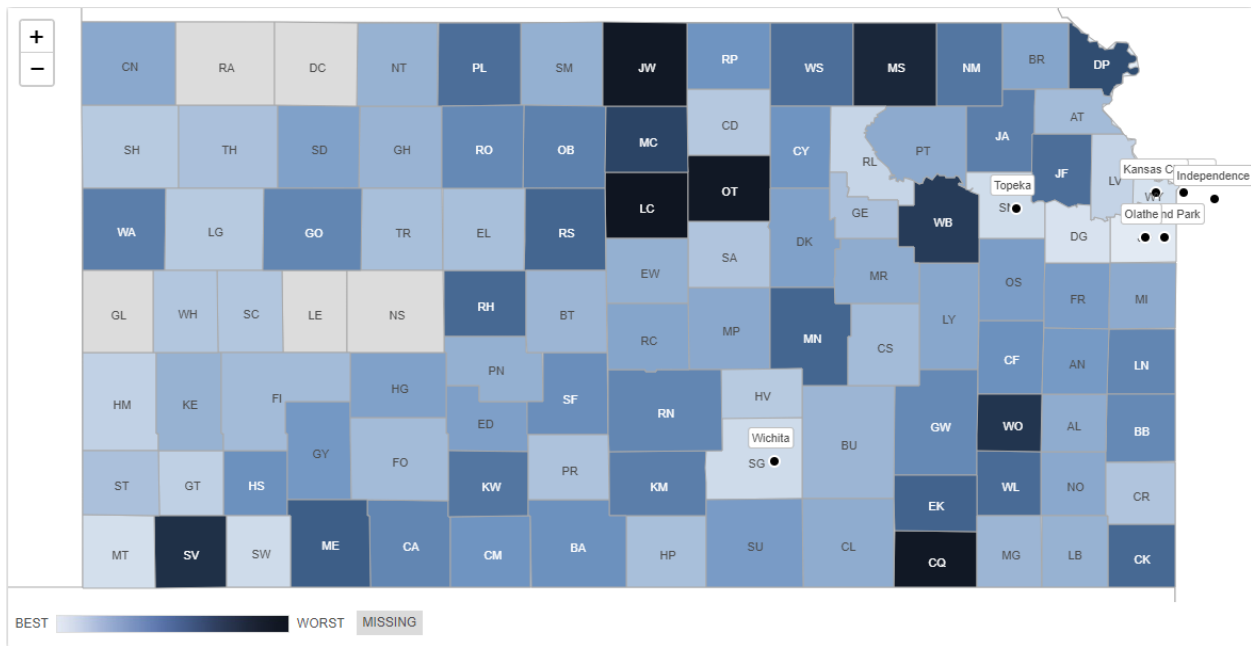
Grocery Stores / 1,000 population - 2016			
Meade County 2016	4,295	1	0.23
Kansas 2016	2,903,820	511	0.18
United States 2016	321,004,407	65,399	0.21
Grocery Stores / 1,000 population - 2022			
Meade County 2022	4,022	2	0.50

2016 Data from BKD, 2019

Access to Recreation and Fitness

According to the Centers for Disease Control and Prevention (2022), physical activity is vital for healthy aging and reduction of chronic disease burden. Physical activity contributes to people living longer and lessens the risk of health problems such as heart disease, and diabetes (CDC, 2022). There is only one fitness center in Meade County, located in the City of Meade. The Wellness Center is owned by the Meade Recreation Commission. In Meade County, 32% of adults are physically active (County Health Rankings & Roadmaps, 2022). Figure 7 demonstrates how Meade County ranks among the State of Kansas for access to exercise opportunities. Table 9 shows the percent of adults who are physically inactive in Meade County compared to the rest of Kansas and U.S.

Figure 7: Access to Exercise Opportunities in Kansas



Data retrieved from County Health Rankings & Roadmaps 2022

Table 9: Physical Inactivity

	Population Inactive	Percentage
Meade County	1,287	32%
Kansas	792,337	27%
United States	86,294,000	26%

Data from County Health Rankings & Roadmaps 2022

Access to Primary Care

There are 3 family practice clinics that serve the primary service area – 2 in Meade, and 1 in Plains. Table 10 reports the number of primary care physicians per 100,000 population. A primary care physician includes: General Family Medicine MD or DO, General Practice MD and DO, General Internal Medicine MD and General Pediatric MD. Artesian Valley Health System currently has 1 MD on staff that primarily serves the secondary service area in Montezuma. At the time of this report, there is only one private-practice physician that practices within the hospital’s primary service community.

Table 10: Access to Primary Physician

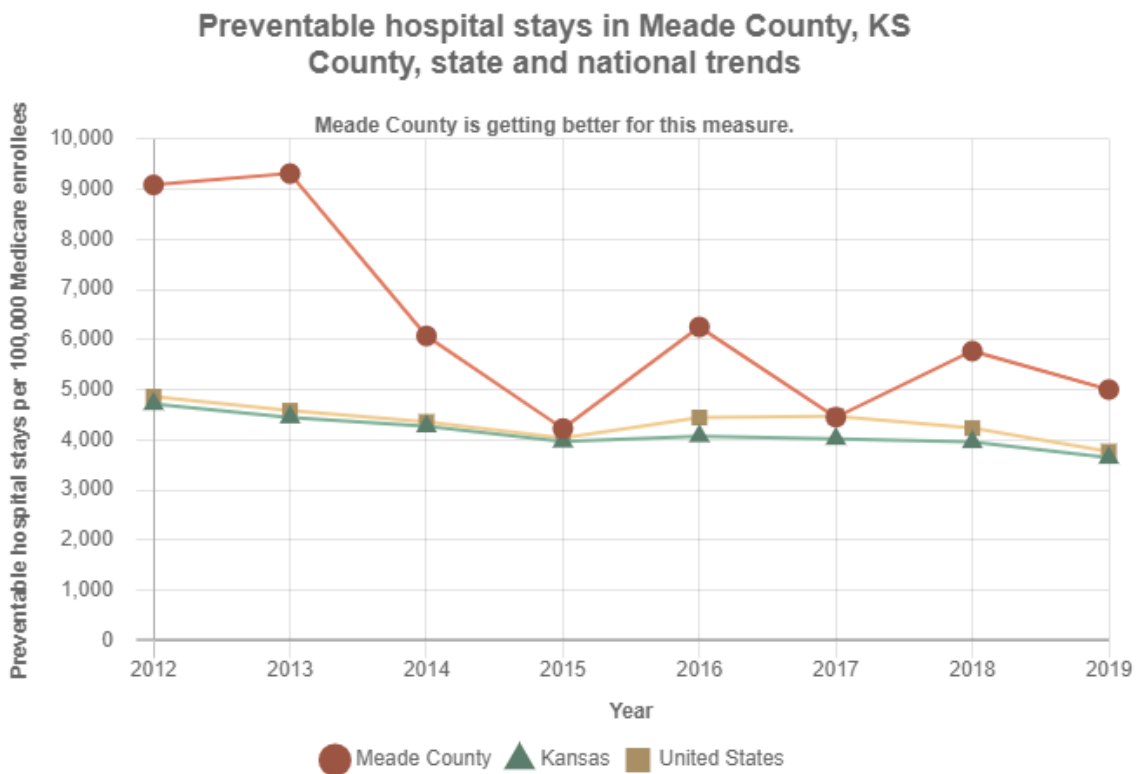
	Population:Physician Ratio
Meade County	4,022:1
Kansas	1,270:1
United States	1,310:1

Data from County Health Rankings 2022

Preventable Hospital Events

Figure 8 reports the rate of hospital stays for ambulatory-care sensitive conditions (ACS) per 100,000 Medicare enrollees. Pneumonia, dehydration, asthma, diabetes and other conditions are considered ACS conditions which could have been prevented if adequate primary care resources were available and accessed by those patients. Analysis of this is relevant because ACS discharges allows demonstrating a possible ‘return on investment’ from interventions that reduce admissions through better access to primary care resources (BKD, 2019).

Figure 8



Lifestyle Factors

An individual's health behaviors can affect their overall health. Table 11 identifies the lifestyle factor with the associated disease. Modifiable lifestyle behaviors are important to understand as they can be altered to help improve one's overall health and quality of life.


Table 11: Lifestyle Behaviors & Associated Disease

Lifestyle	Primary Disease Factor
Smoking	Lung cancer Cardiovascular disease Emphysema Chronic bronchitis
Alcohol/drug abuse	Cirrhosis of liver Motor vehicle crash Unintentional injury Malnutrition Suicide Homicide Mental illness
Poor nutrition	Obesity Digestive disease Depression
Driving at excessive speeds	Trauma Motor vehicle crashes
Lack of exercise	Cardiovascular disease Depression
Overstressed	Mental illness Alcohol/drug abuse Cardiovascular disease

BKD, 2019

Health Outcomes and Health Factors

Figure 9 is a snapshot of the health outcomes for Meade County in comparison to the State of Kansas and the United States. Understanding the factors that affect the overall health of the community can help improve the community's habits, culture, and environment. The following snapshots were obtained from <https://www.countyhealthrankings.org/explore-health-rankings/kansas/meade?year=2022>

Health Outcomes					
Length of Life		Meade (ME) County	Kansas	United States	—
Premature Death		13,300	7,500	7,300	∨
Quality of Life		Meade (ME) County	Kansas	United States	—
Poor or Fair Health		20%	17%	17%	∨
Poor Physical Health Days		3.8	3.6	3.9	∨
Poor Mental Health Days		4.4	4.5	4.5	∨
Low Birthweight		9%	7%	8%	∨

Health Factors

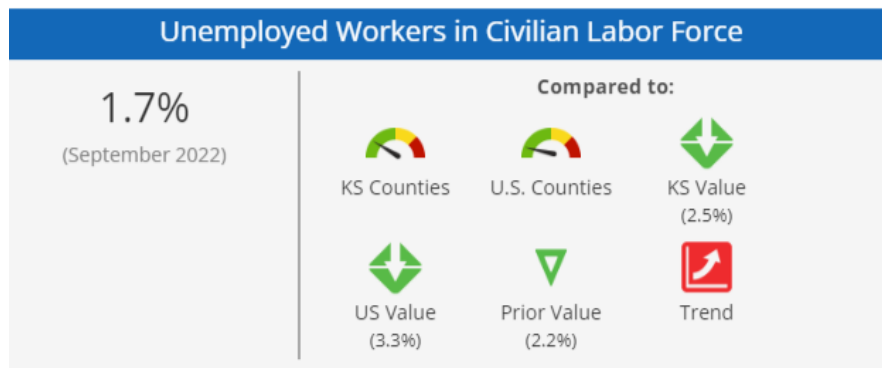
Category (Current Rank out of 104)	Meade County	Error Margin	United States	Kansas
Health Behaviors (39)				
Adult Smoking	18%	15-21%	16%	17%
Adult Obesity	36%	34-37%	36%	32%
Food Environmental Index	7.5		7.8	6.7
Physical Inactivity	32%	29-35%	26%	27%
Access to Exercise Opportunities	26%		80%	73%
Excessive Drinking	18%	17-19%	20%	20%
Alcohol-Impaired Driving Deaths	25%	13-38%	27%	19%
Sexually Transmitted Infections /100,000	148.8		551.0	524.7
Teen Birth Rate / 1,000 females 15-19	22	14-33	19	22
Clinical Care (96)				
Primary Care Physicians	NDA		1,310:1	1,270:1
Dentists	4,030:1		1,400:1	1,630:1
Mental Health Providers	NDA		350:1	470:1
Preventable Hospital Stays / 100,000	5,005		3,767	3,645
Mammography Screening	31%		43%	46%
Social & Economic Factors (50)				
High School Graduation	82%	78-86%	89%	91%
Some College	56%	45-67%	67%	71%
Unemployment	2.8%		8.1%	5.9%
Children in Poverty	12%	8-17%	16%	13%
Income Inequality	3.3	2.4-4.3	4.9	4.3
Children in Single-Parent Household	19%	11-27%	25%	21%
Violent Crime Rate	NDA		386	365
Injury Deaths / 100,000	159	110-224	76	78
Physical Environment (32)				
Air Pollution – Particulate Matter	6.8		7.5	7.5
Drinking Water Violations	Yes			
Severe Housing Problems	7%	4-10%	17%	13%
Driving Alone to Work	77%	72-83%	75%	81%
Long Commute – Driving Alone	15%	11-20%	37%	22%

Social Determinants of Health

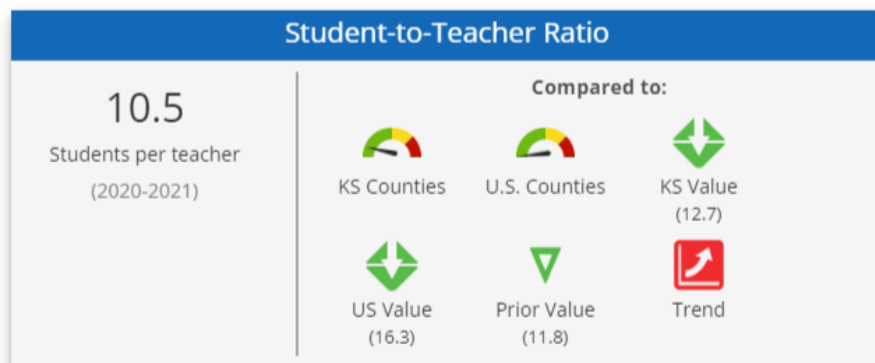
Social determinants of health have a heavy impact on the health and well-being of an individual and the overall community. Healthy People 2030 have established social determinants of health as a priority area. Healthy People 2030 defines social determinants of health as the “conditions in the environment where people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks” (Healthy People 2030,

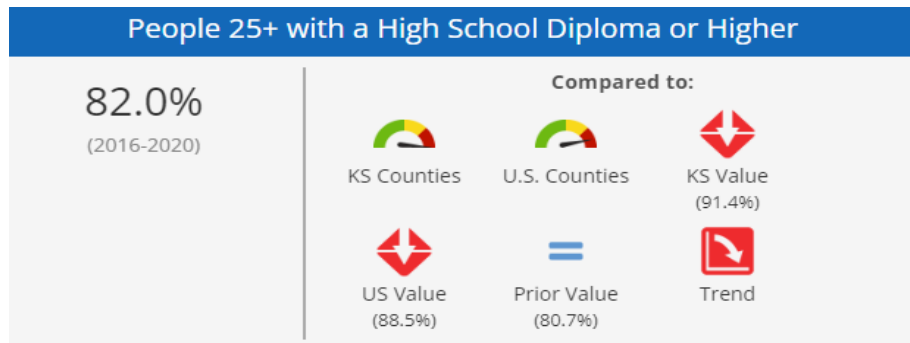
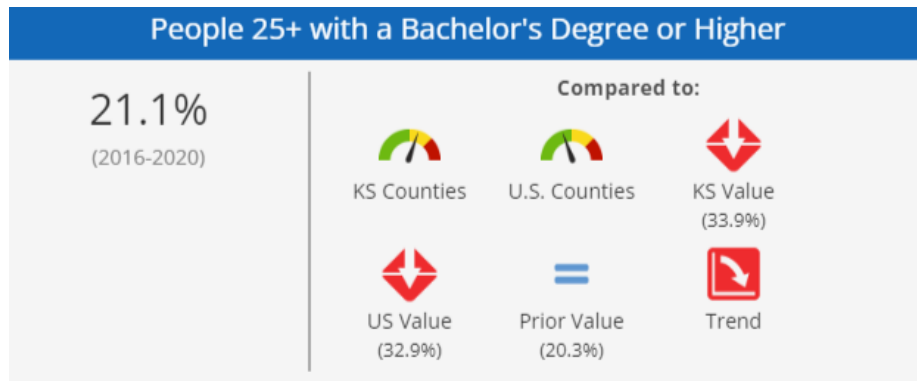
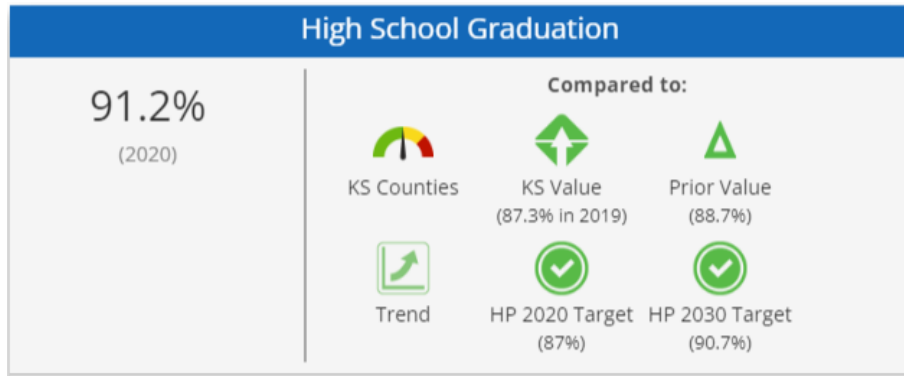
n.d). The 5 domains are economic stability, education access and quality, health care access and quality, neighborhood and built environment, and social and community context. Factors such as grocery store access impact the health and well-being of an individual to have access to healthy food options and to decrease the risk of conditions such as heart disease, diabetes and obesity (Healthy People 2030, n.d.). The following snapshots are from Kansas Health Matters for Meade County, Kansas.

Employment

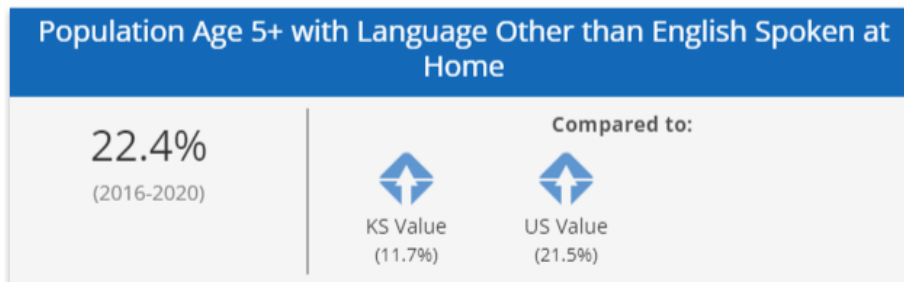


Education

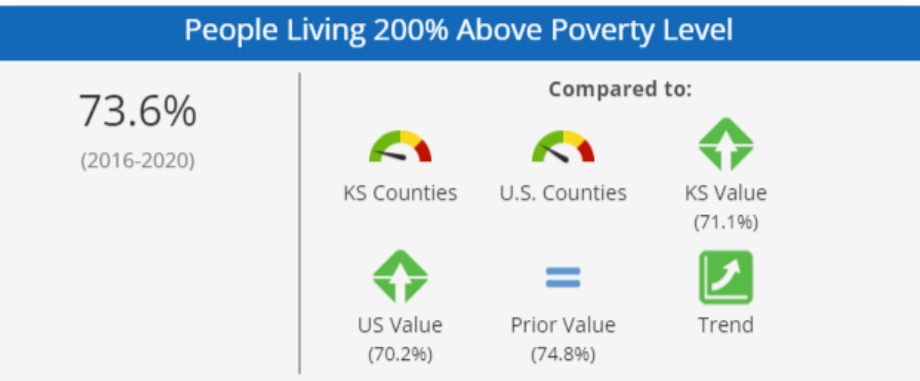
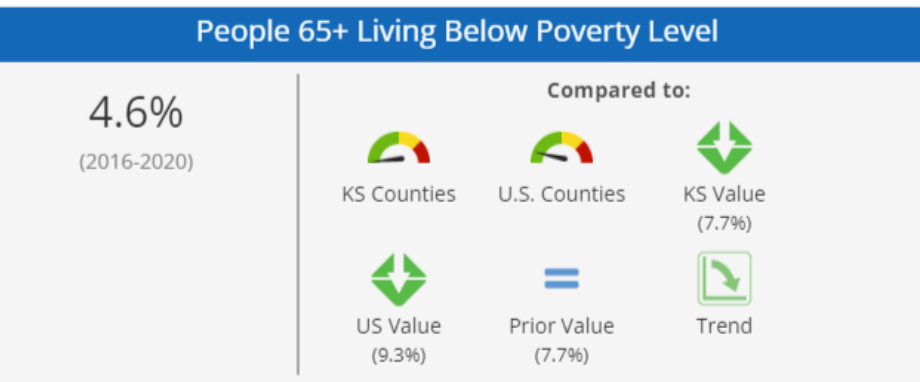
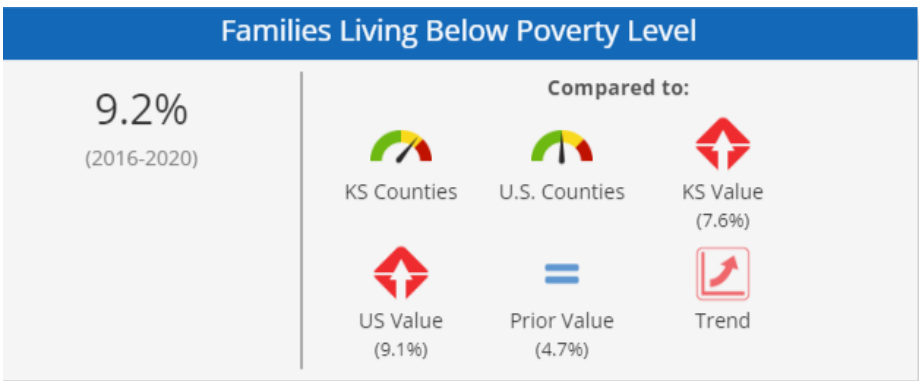
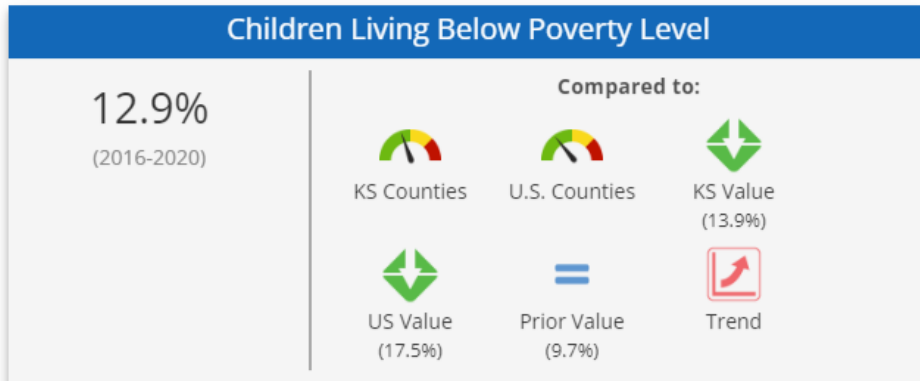


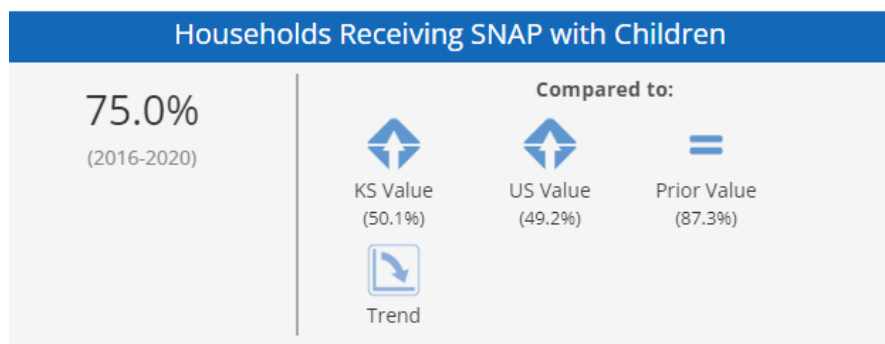
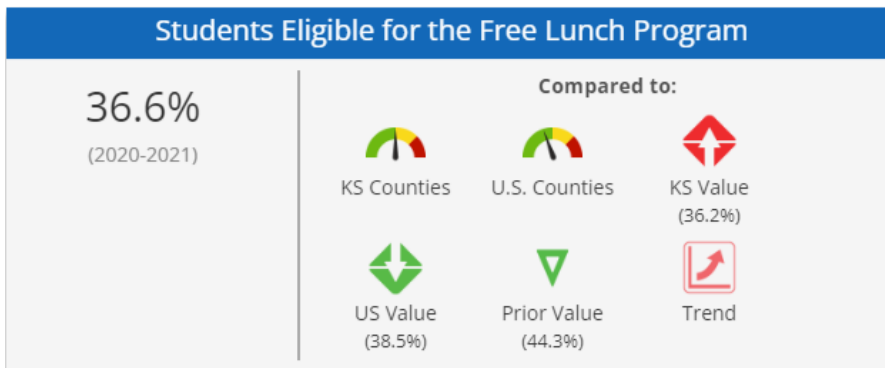
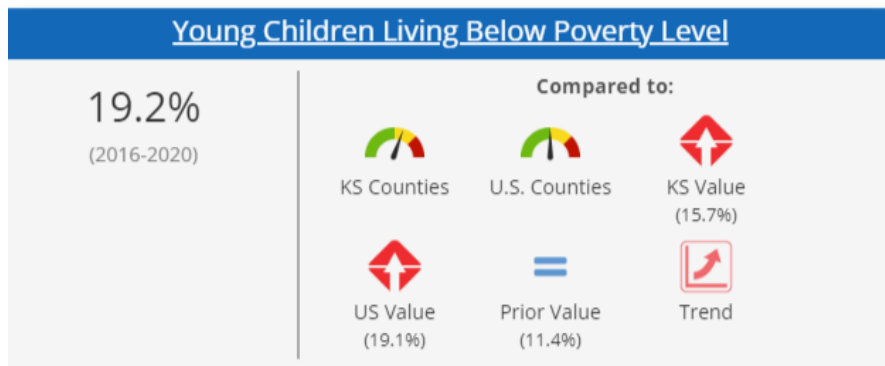
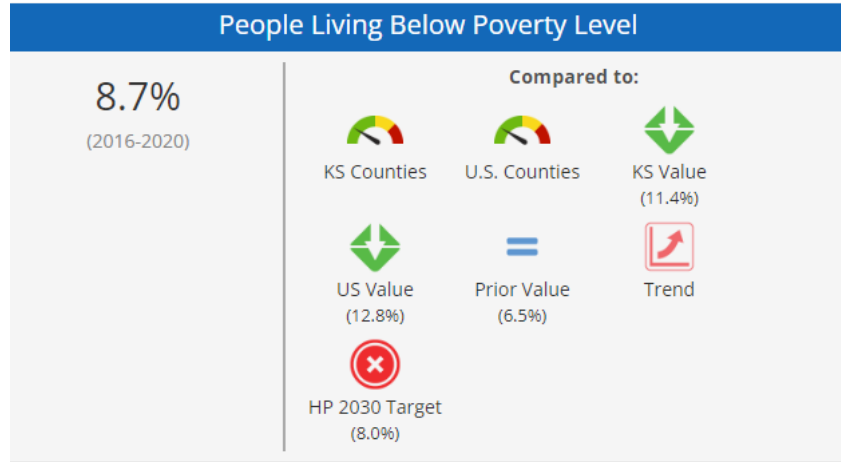


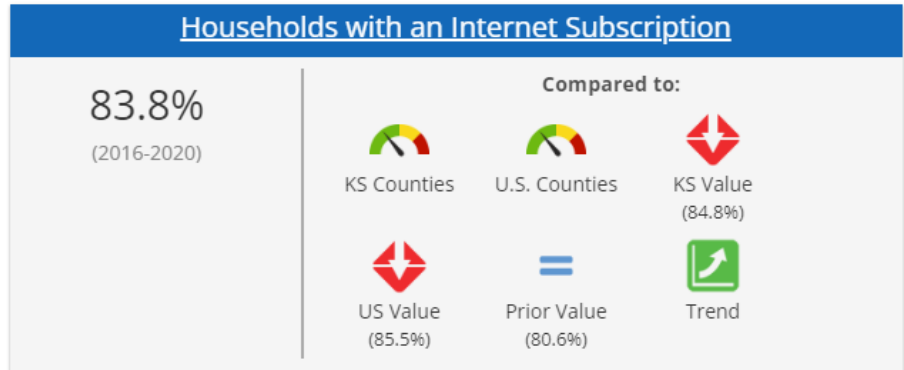
Language



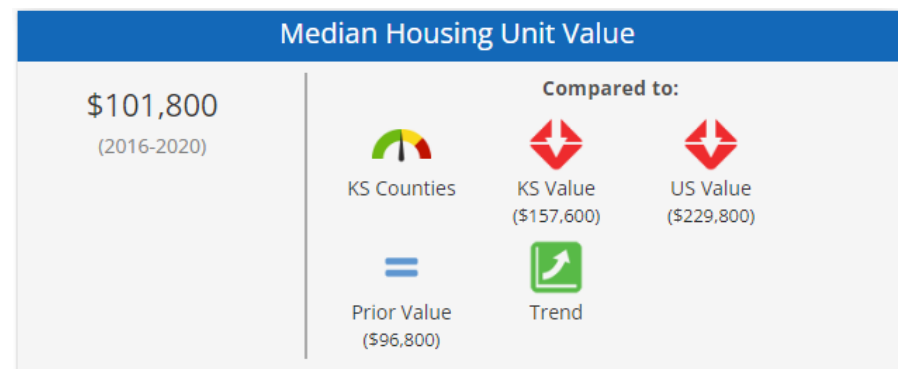
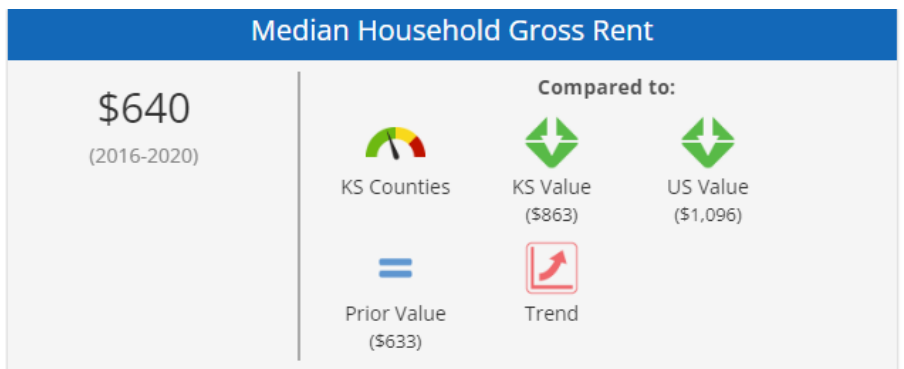
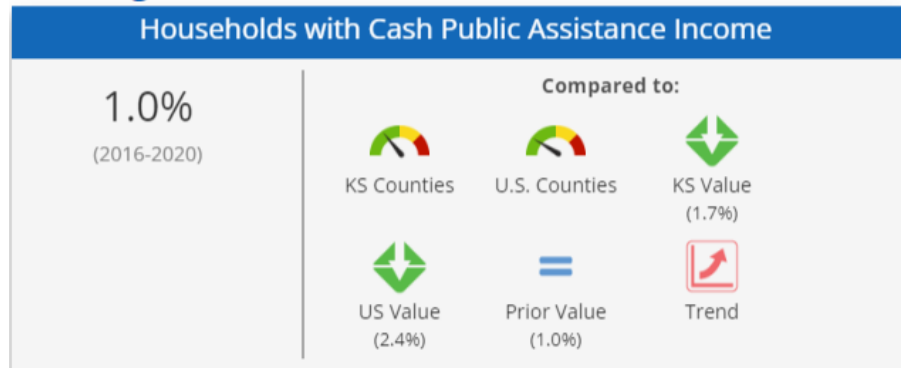
Poverty

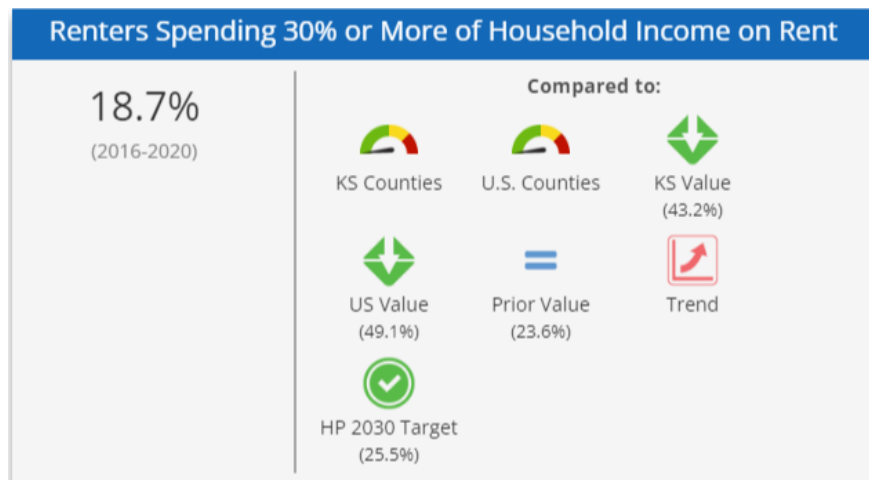
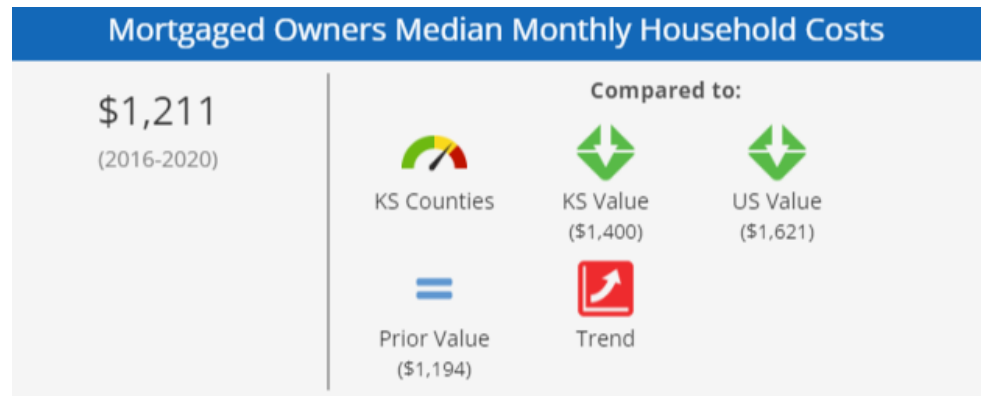
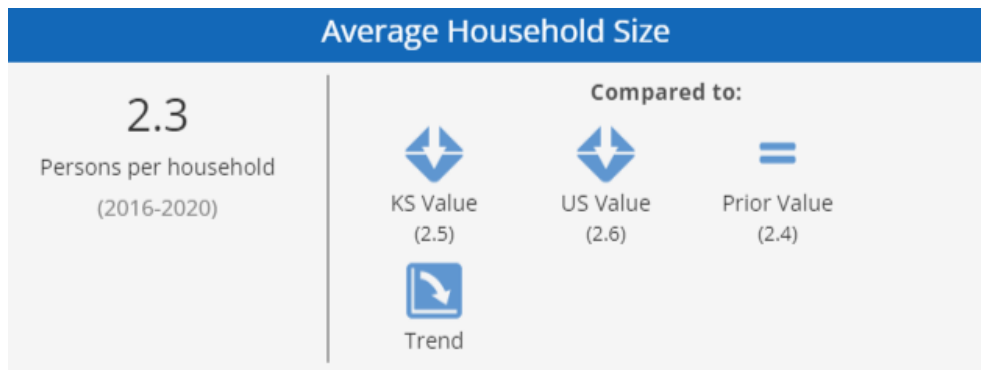
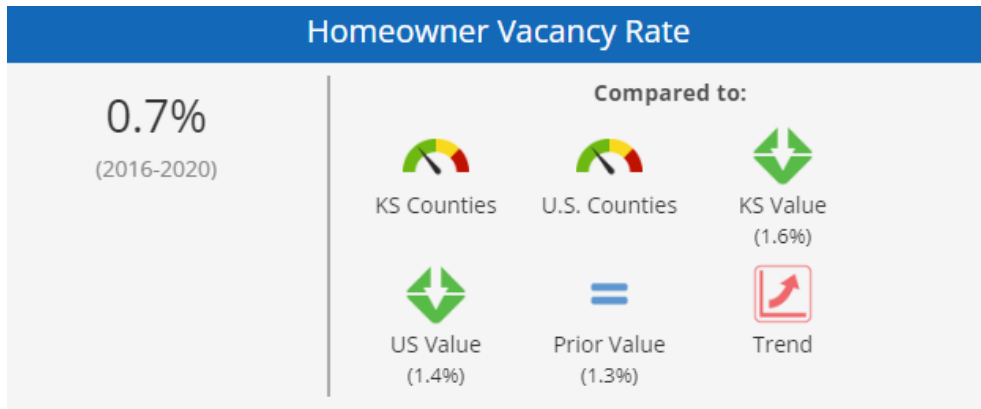


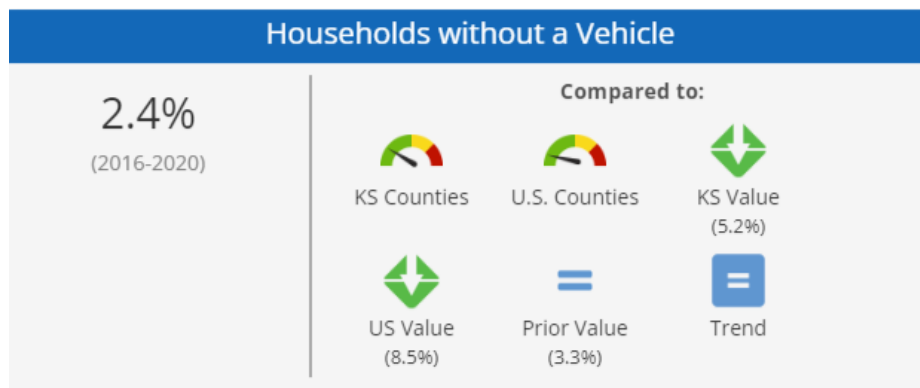
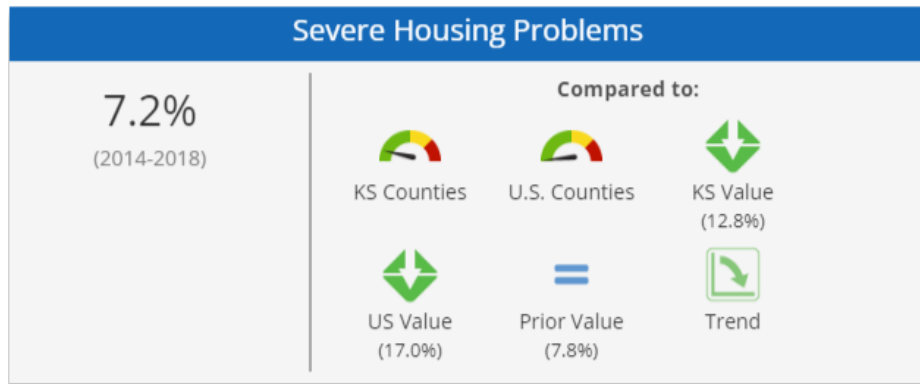




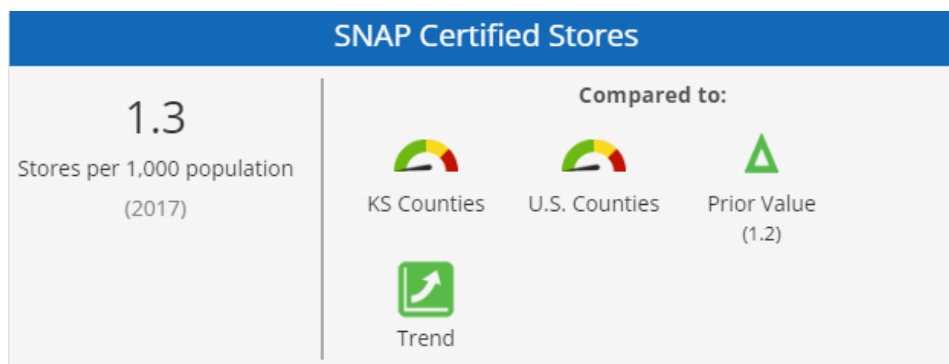
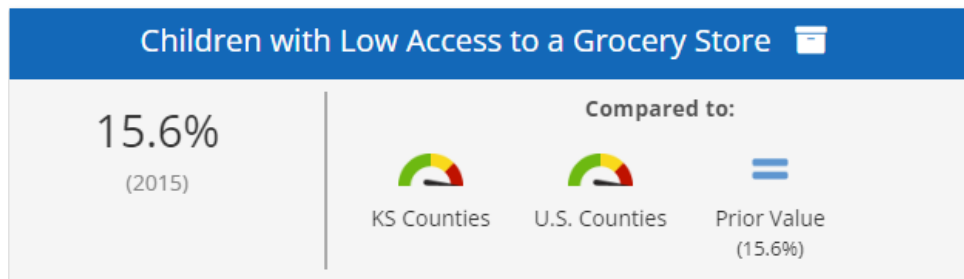
Housing

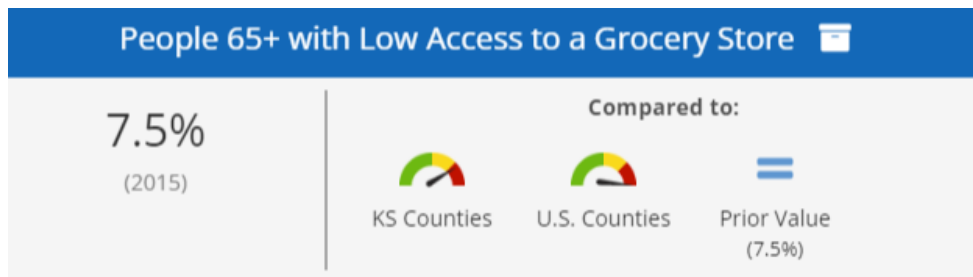
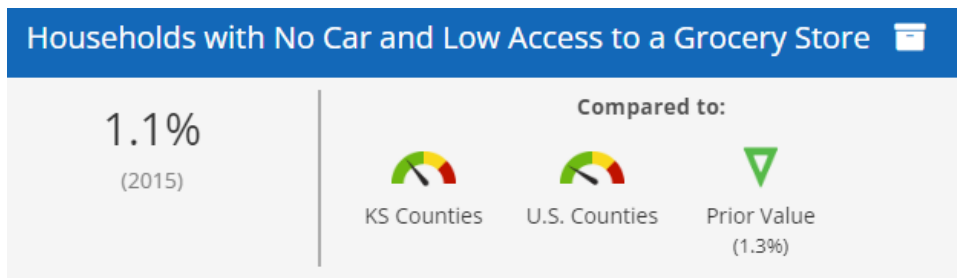
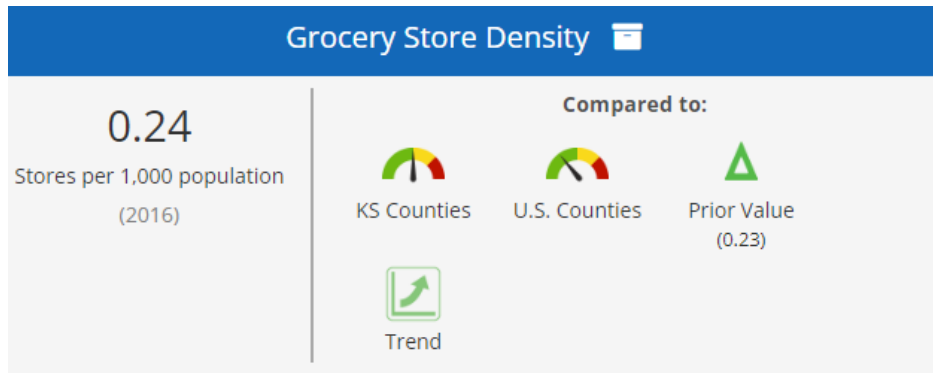
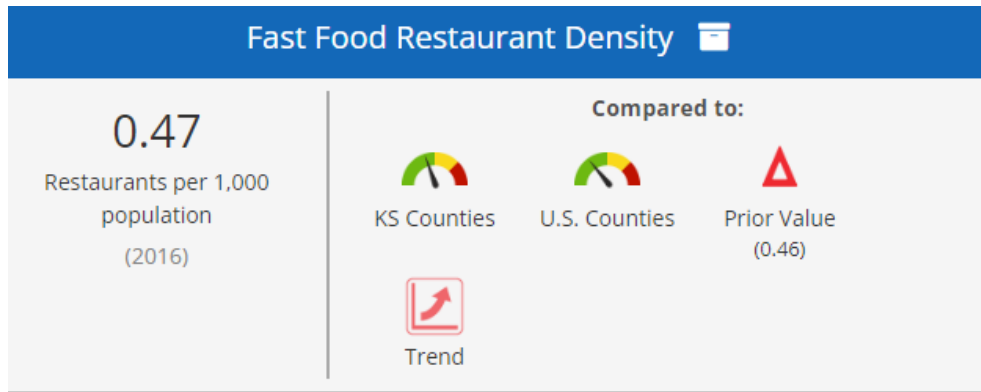


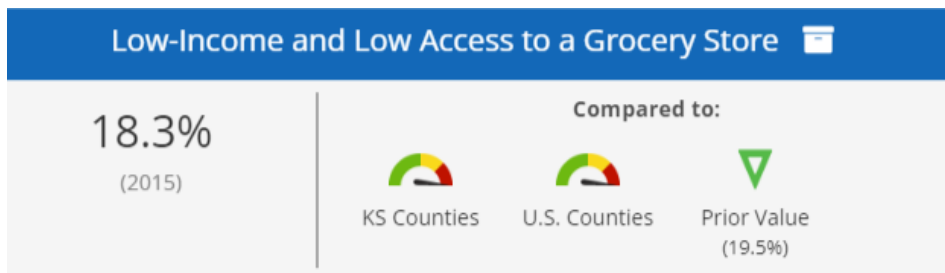
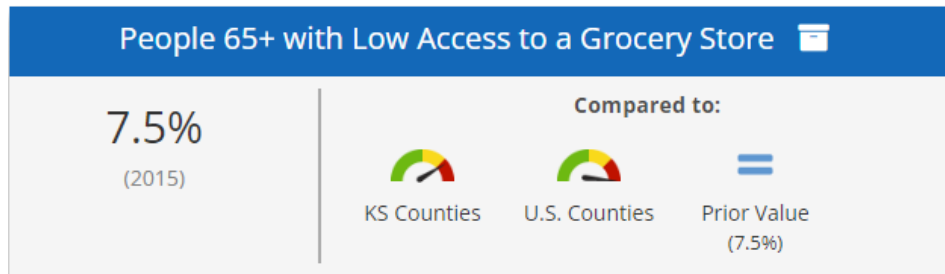
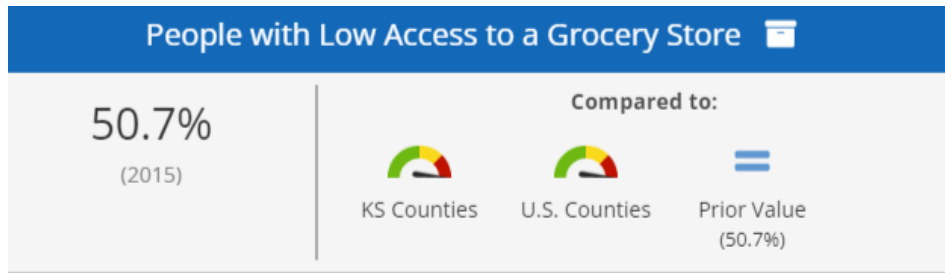




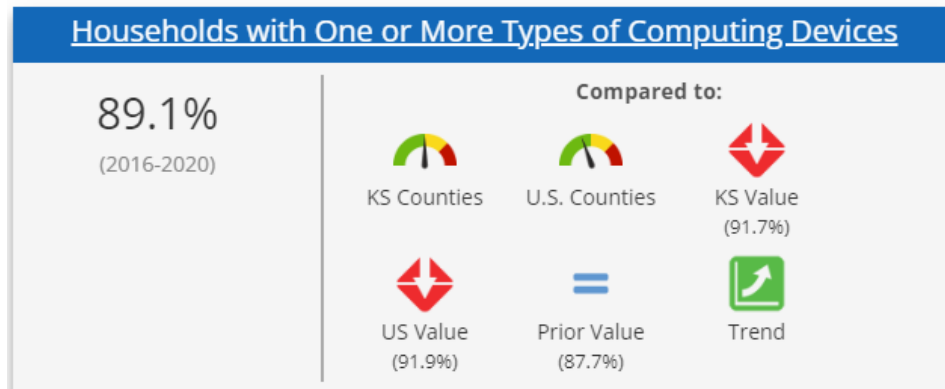
Food Access

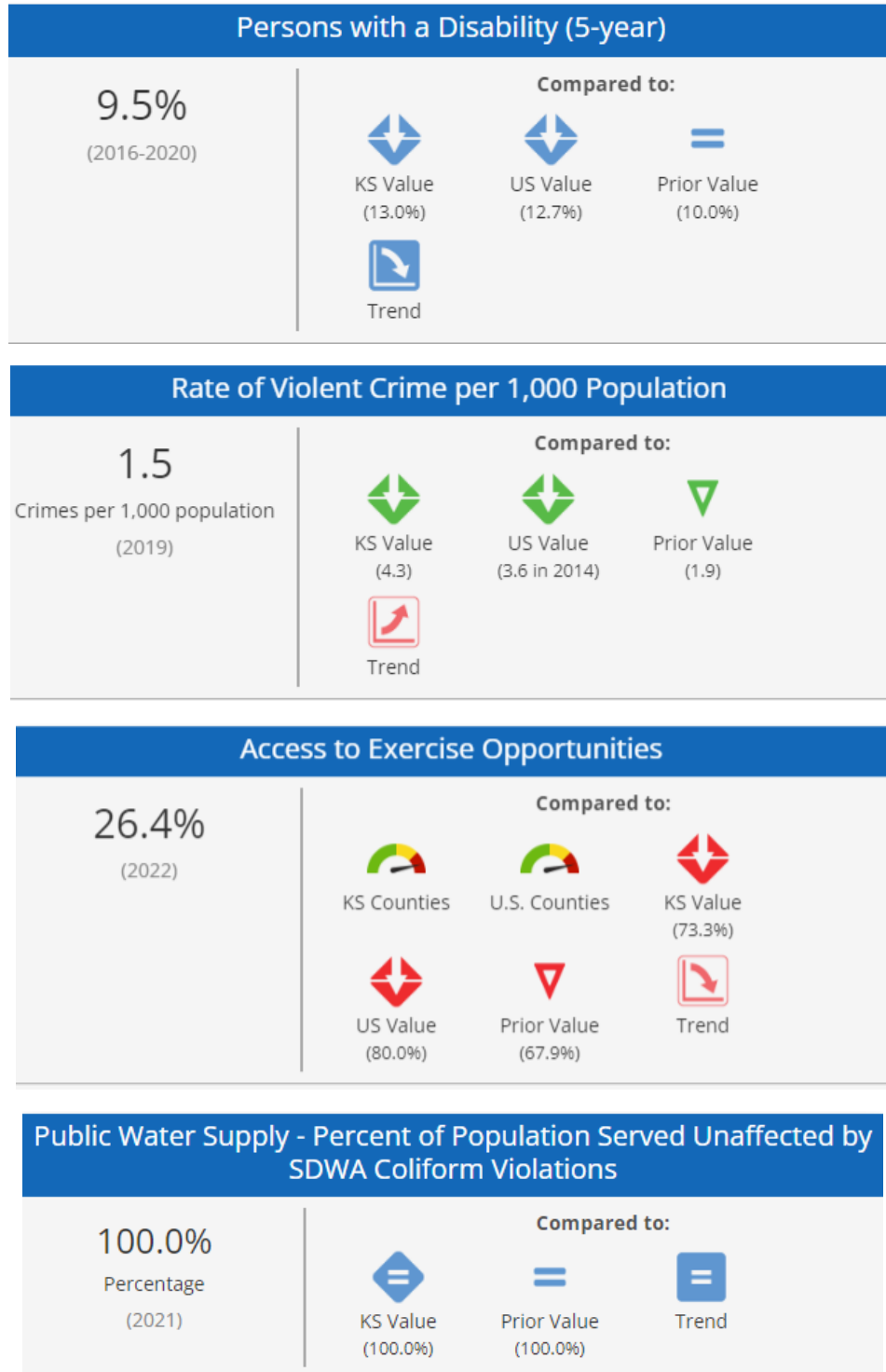


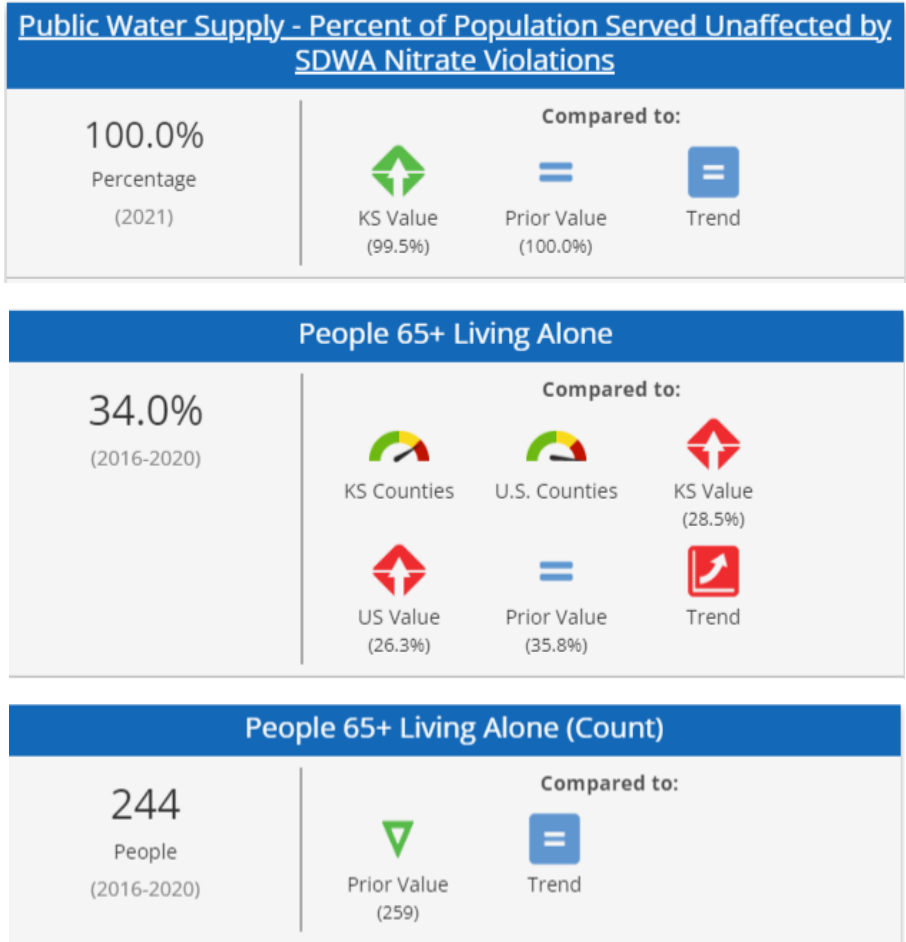




Misc







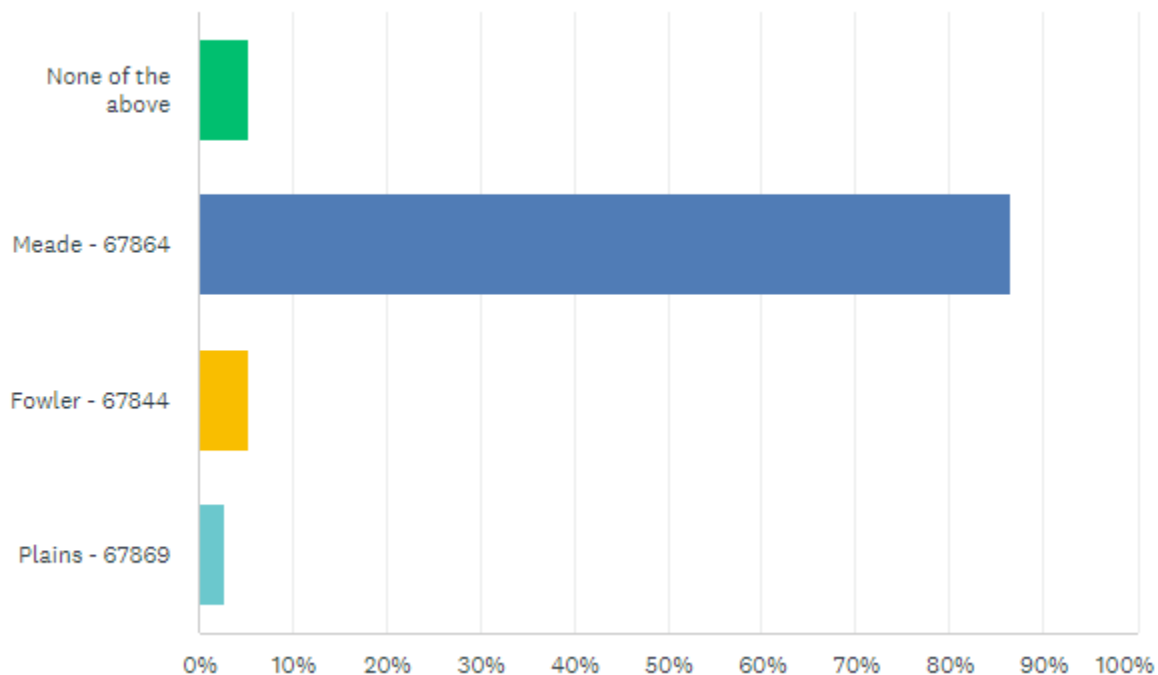
Survey

Methodology:

A twenty-two-question community-wide survey was conducted to better understand the communities view on the overall health of the community, use of Primary Care Provider, barriers to healthcare, concerning and unmet health needs of the community, and determination of health equity. The survey was conducted in both electronic and paper form. A link was sent via email to various community businesses, announced via the company Facebook page with a QR code to access the survey, a link was place on the hospital’s website, fliers with the QR code were handed out at a community event and hung at various locations throughout the hospital service area. Paper copies were handed out at the senior center.

The survey ran from December 9, 2022 to December 23, 2022. A total of 38 surveys were completed; of those, 37 were electronic. The survey results were presented on December 29, 2022. The largest survey respondents were from the Meade (67864) zip code (see Figure 4 below).

Figure 4: Meade County Zip Code Respondents



Answer Choices	Responses
None of the Above	5.3% 2
Meade – 67864	86.8% 33
Fowler – 67844	5.3% 2
Plains – 67869	2.6% 1
Total	100% 38

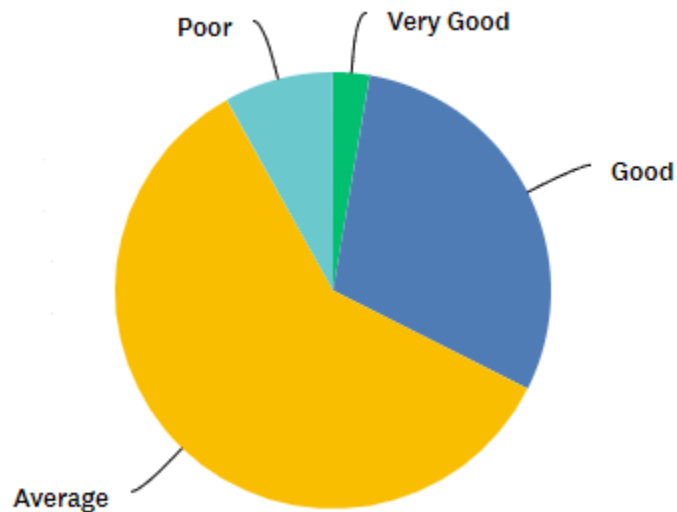
The survey highlighted several health topics for the community to provide feedback. This section discusses those focused areas.

Overall Health of the Community

Respondents were asked to rank the overall health and quality of life in Meade County. As demonstrated in Figure 5, the majority ranked that Meade County is good or average with 60.5% responding that the overall health in Meade County was average and 29% responded good. Other responses:

- One (2.6%) responded 'very good'
- 3 (7.9%) responded poor
- 0 (0%) responded 'very poor'.

Figure 5: Overall Health of the Community



When asked if the health and quality of life in Meade County has improved, stayed the same, or declined in the past few years, 57.9% stated it stayed the same, 34.2% claimed it has declined, and 7.9% reported improvement. Respondents were asked to explain factors that influence their ranking of the overall health and quality of life in Meade County. Table 4 identifies how Meade County residents recognize the contributing reasons for their survey answer.

Table 4: Factors Contributing to Overall Health and Quality of Life

Contributing Reasons	Number of Responses
Obesity <ul style="list-style-type: none"> • Many are considered obese 	1
Unhealthy Habits (smoking, alcohol, diet, lack of exercise) <ul style="list-style-type: none"> • Observation of daily habits (smoking, alcohol, diet, exercise, etc) 	1
Lack of Medical Services (mental health, local physician, other specialty services) <ul style="list-style-type: none"> • Lack of mental health providers • Currently no resident doctor • Mental health services are a concern and many need treatment and are unable to find help. • Not impressed with quality of care from health care workers. • People are not seeking medical attention because of instability with providers, so health issues become neglected until emergent. • Struggle with keeping providers • Availability and quality of mental health professionals • Specialized care is an issue due to the location from Meade to more urban areas. • Lack of providers 	9
Age	1
Lack of Amenities (rec center, etc) <ul style="list-style-type: none"> • Rec center is average, not many descent rental homes, transport to larger hospital is becoming more difficult. • As any small town, lacking extra amenities • Lack resources of physical activity opportunities – no rec center or highly engaged rec commission beyond kids events. • Not enough people to take interest in good nutrition and exercise. • Need more healthy food choices, more exercise places, too far to get to things, have to drive. 	6

<ul style="list-style-type: none"> Overall health is average and could be improved with better wellness services. 	
<p>No problems</p> <ul style="list-style-type: none"> Excellent health care providers, room for growth We have a nice hospital and clinic. Also have a health department and a fitness place. Safe, clean community, good schools, hospital, and grocery store Small, close knit community Meade continues to be cleaner, better kept and have a higher “social class” than many towns. Not necessarily income, but standard of living, family unity, and cleanliness. Meade is a great community; we hope it will continue to flourish 	6
<p>Environmental Problems</p> <ul style="list-style-type: none"> Dust and Pollen 	1
No response	13

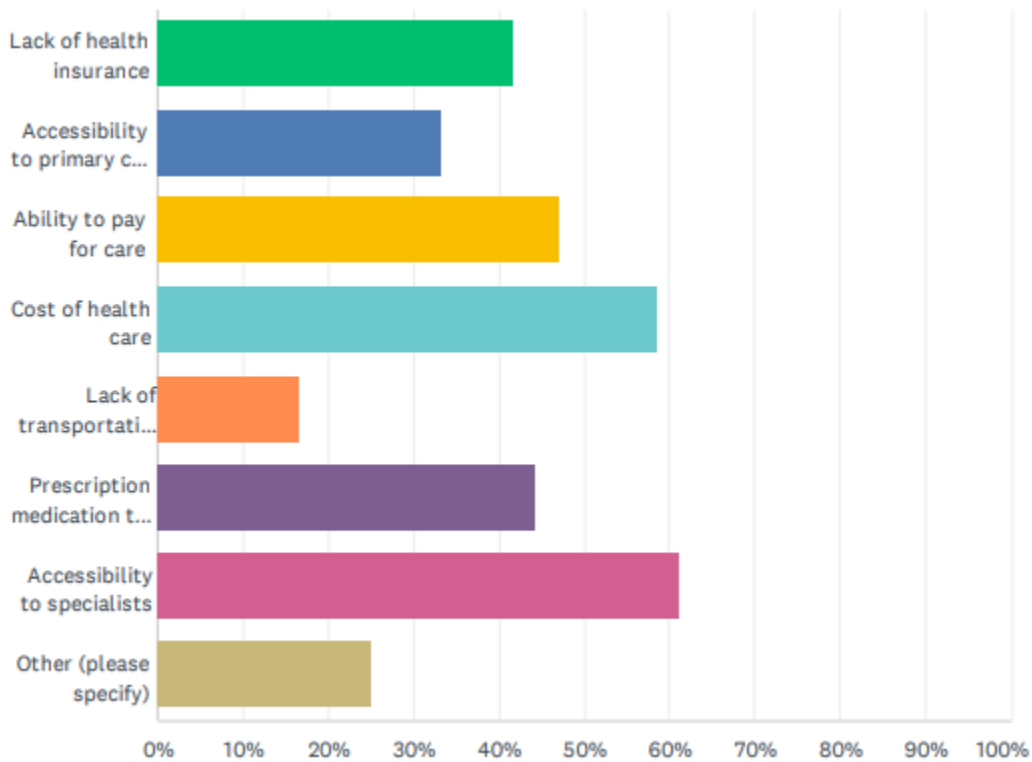
Use of Primary Care Provider

A majority of respondents stated they see a primary care provider at least annually, those who answered “no” were asked to reasons they do not. Of those who responded to the reason for not seeing a provider on an annual bases, the primary answer given for answering “no” was that they would only go to the doctor when it is needed.

Barriers to Healthcare

Survey respondents were asked to identify barriers that exist in Meade County that prevent individuals from obtaining better health and quality of life. Respondents could select more than one answer. Figure 6 displays the responses for the survey question. Accessibility to specialists, ability to pay, and cost of health care were the top 3 barriers recognized by the community.

Figure 6: Barriers to Healthcare in Meade County



Barriers	Responses	
Lack of Health Insurance	39.5%	15
Accessibility to Primary Care Provider	36.8%	14
Ability to Pay for Care	47.4%	18
Cost of Health Care	57.9%	22
Lack of Transportation to Health Care Services	15.8%	6
Prescription Medication Too Expensive	44.7%	17
Accessibility to Specialists	63.2%	24
Other (Please Specify)	26.3%	10

Top Concerning and Unmet Health Needs for Meade County

The question was asked “What do you think are the most pressing health problems in your community?” Respondents could select more than one answer. The top 5 responses were: mental

health for children and teenagers, mental health for adults, vaping among teenagers, drug abuse – illegal substances, and obesity in adults. Table 5 displays the complete listing of responses.

Table 5: Concerning Health Problems for Meade County

Concern	%	No.
Alcohol – dependency or abuse	36.8%	14
Alcohol – underage binge or abuse	23.7%	9
Drug abuse – prescription medications	36.8%	14
Drug abuse – illegal substances	57.9%	22
Cancer	36.8%	14
Child abuse	5.3%	5.3%
Domestic violence	15.8%	6
Lack of dental care	7.9%	3
Lack of prenatal care	31.6%	12
Mental health for adults	71.1%	21
Mental health for children and teenagers	78.9%	30
Obesity in adults	42.1%	16
Obesity in children and teenagers	26.3%	10
Teen pregnancy	5.3%	2
Tobacco use/smoking among adults	21.1%	8
Tobacco use/smoking among teenagers	26.3%	10
Vaping among adults	18.4%	7
Vaping among teenagers	60.5%	23
Other (please specify)	10.5%	4
<ul style="list-style-type: none"> • General health and well being • Lack of pediatric care • No idea • Sexual assault/battery 		

The survey further asked respondents to indicate the medical services that are most needed the service community. Respondents could select more than one answer. The following are the top 3 identified needs. Table 6 provides the complete responses.

- Counseling/mental health services
- Pediatric services
- Adult primary care services

Table 6: Medical Services Most Needed in the Primary Service Area

Medical Service Need	%	No.
Adult primary care services	47.3%	18
Alcohol and drug abuse treatment	31.6%	12
Cancer treatment	31.6%	12
Counseling/mental health services	76.3%	29
Diabetes care	36.8%	14
Emergency/trauma care	26.3%	10
Heart care services	42.1%	16
Orthopedic care (bone and joint)	21.1%	8
Pediatric services	47.4%	18
Women's services, such as obstetrics/gynecological services	34.2%	13
Other (please specify) <ul style="list-style-type: none"> • Consistency of practitioners and health care providers • Emergent and non-emergent, hospital and non-hospital, transfer services • All are issues that need to be addressed 	7.9%	3

The survey asked for respondents to further identify unmet needs for the community when asked, 'what health or community services should Meade District Hospital provide that are not currently available?' Responses to the survey questions aligned with what was displayed in Table 6. The majority of responses were need of primary care providers and specialist services, such as pediatrics and mental health. Other responses indicated the need for increased community education.

Determination of Health Equity

Meade District Hospital recognizes that Health Equity is important in providing quality health care to the individuals and families we serve. It is important that the hospital better understand what health equity means to the residents of Meade County in order to better serve the community. Table 7 provides the responses received from the survey.

Table 7: Health Equity

Responses
Making sure everyone has some sort of health care.
Teaching healthy living to all and for all.
Everyone in the community has equal and fair health care opportunities.
That everyone has the same opportunity as the next for health care.
Unbiased healthcare for all. No matter race, gender, age, sexual orientation.
Same treatment, fore EACH patient regardless of who the patient is, economically, racially, etc
Health care accessibility
The same health care available to everyone
Access for each type of individual to the services they need.
Quality health care available to all.
I would say health equity is affordable health care. There is something that is becoming difficult for a lot of people. Either they can't afford the health insurance premiums or must have a very high deductible which means more out-of-pocket expense. Not just a local problem.
Giving each person the individualized tools that they need to allow everyone to achieve optimal health care.
To have an equal opportunity to receive health care services regardless of your financial situation.
I don't know
Health care for all
That everyone has a fair and just opportunity to get their highest level of health care.
Health equity is when everyone has the same privilege to access good and services of the health care system.
Any person regardless of income can get access. I have heard though that a shortage of providers has meant that appointments may not be available rapidly if a person needs a same day appointment.
Equal healthcare all around.
Don't know
Trying to provide health services to everyone and also meet as many needs as possible.
Equity is a term used by the woke agenda to promote an ambiguous claim to things being unfair when opportunities are there for all people. It is mistakenly used synonymously with "equality". I would recommend to stay away from the term.
To me Health Equity means having enough health providers to provide enough care to our community.
Opportunity for all ages and all ethnicity to receive the same level of health care.
Don't know
Health care based on the needs of the individual.
Not sure.
That everyone has a fair opportunity to achieve their highest level of health.
Equal access
Everyone receives the same care.
Everyone regarding their race, gender, and etc should receive fair and equal care.

Representatives from hospital leadership, school affiliation, and the county health department met to evaluate the survey results and develop implementation strategies. The following concerns were identified, based on the results of the community survey:

- Mental Health in children and teenagers
- Mental Health in adults
- Primary Care Physician
- Obesity in adults
- Stress Management
- Vaping among teenagers

Through discussion, it was determined that mental health and obesity are continued strategies from the 2019 Community Health Needs Assessment. Stress management was established as an association with mental health, in addition to some of the other concerns that were identified throughout the survey, such as drug abuse, and lack of accessibility to physical fitness (gym). The group settled on the following needs as priority concern to focus on for the 2022 Community Health Needs Assessment.

- Mental Health needs from childhood to adult
- Primary Care Physician
- Obesity in adults
- Vaping among teenagers

Community Health Needs Implementation Strategy

The following is the list of concerns for the 2022 Community Health Needs Assessment and the action that the hospital and community plan to take to remedy the identified concerns.

- **Mental Health Needs for Children, Teens, and Adults**
 - The hospital will explore the implementation of a Zero Suicide Program within the hospital and community entities (schools, Sheriff's Office, Ministerial Alliance)
 - The hospital will collaborate with the Meade County Health Department in promoting Southwest Guidance Center presence within the community and the resources offered.
 - The hospital will explore telemedicine and outpatient clinic options for mental health specialists
 - The hospital will promote Employee Assistance Programs (EAP) with other community agencies to assist their own employees with resources.
- **Primary Care Physician – Meade District Hospital recognizes the need for the community to have an established physician within the primary service community.**
 - The hospital will continue to attend recruiting events and career fairs.
 - The hospital will communicate and involve the primary service community in this important process.
 - The hospital will continue working with recruiting firms to find the 'right fit' for the rural health community we serve.
- **Obesity in Adults - The hospital recognizes that the strategies to combat obesity will also assist with some other health factors identified in the survey, such as Diabetes, heart disease, and stress management.**
 - The hospital will collaborate with fitness centers, local gym, exercise studio, and yoga studio owners to promote services to the primary service community.
 - The hospital will collaborate with the Meade County Extension office to help promote community health programs.
 - The hospital will help screen patients for risk factors of obesity such as hypertension, diabetes, and heart disease at the annual health fair.
 - The hospital will use marketing strategies to help educate the community on obesity through social media.
- **Vaping Among Teenagers**
 - The hospital will explore collaborating with the schools on utilizing vaping sensors in the bathrooms.
 - The hospital will collaborate with local entities to help provide educational resources to the community regarding vaping.
 - The hospital will provide education materials in exam rooms (i.e. posters, pamphlets, etc).

Community Health Needs Assessment Marketing Plan

The hospital will make the 2022 Community Health Needs Assessment Summary widely available. A copy may be made available on request, and will also be available to download from the hospital website (<https://avhealthsystem.com/>).

Adoption/Approval

Meade District Hospital's Board of Directors approves the Implementation Strategy that has been developed to address the priorities of the Community Health Needs Assessment conducted in FY 2022.

The Hospital will utilize this Implementation Strategy as a roadmap to collaborate with their community to address the priorities, particularly for the most vulnerable.

A handwritten signature in black ink, reading "Lori F. Uleckni", is written over a horizontal line.

Chair, Meade District Hospital Board of Directors

A handwritten signature in black ink, reading "Nancy Howard", is written over a horizontal line.

Administrator, Meade District Hospital

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Appendix A



ARTESIAN VALLEY
HEALTH SYSTEM

Community Survey - Meade District Hospital

Community Health Needs Assessment

We are requesting your input to complete our Community Health Needs Assessment (CHNA).

We have created a short (5 to 10 minute) survey to gather feedback from the community regarding health needs and delivery in Meade County.

Participation in this survey is voluntary and confidential. Any input you provide is valuable. Thank you for your participation and partnering with us to continue providing quality care in Meade County!

*** 1. Which zip code in Meade county do you reside?**

- Meads - 87064
- Fowler - 87844
- Plains - 87869
- None of the above

*** 2. What is your age group?**

- Under 18
- 18-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65+

3. What is your assigned gender at birth?

- Male
- Female

*** 4. Gender: How do you identify?**

- Man
- Woman
- Non-binary
- Self-describe

*** 5. What is your race?**

- | | |
|--|--|
| <input type="checkbox"/> White | <input type="checkbox"/> Asian or Asian American |
| <input type="checkbox"/> Black or African American | <input type="checkbox"/> American Indian or Alaska Native |
| <input type="checkbox"/> Hispanic or Latino | <input type="checkbox"/> Native Hawaiian or other Pacific Islander |

Other (please specify)

6. What is your highest level of education?

- Less than high school without a diploma
- Currently attending or have some college
- Four-year college degree
- High school diploma
- Two-year college degree
- Graduate-level degree
- GED
- Other (certification, etc)

*** 7. What was your combined household income for 2022? (check only one)**

- Under \$15,000
- Between \$15,000 and \$29,999
- Between \$30,000 and \$49,999
- Between \$50,000 and \$74,999
- Between \$75,000 and \$99,999
- Between \$100,000 and \$150,000
- Over \$150,000

*** 8. In your opinion, how would you rank the overall health and quality of life in Meade County?**

- | | |
|---------------------------------|---------------------------------|
| <input type="radio"/> Very Good | <input type="radio"/> Poor |
| <input type="radio"/> Good | <input type="radio"/> Very Poor |
| <input type="radio"/> Average | |

9. Explain which factors influence your ranking in the previous question.

* 10. In your opinion, has health and quality of life in Meade County improved, stayed the same, or declined in the past few years.

- Improved
- Stayed the Same
- Declined

* 11. Are there portions of the population in Meade County that have more unmet health needs or lower quality of life than others?

- Yes
- No
- I don't know

12. If you answered 'Yes' to the previous question, regarding 'unmet health needs', please explain why you think these needs are not being met in Meade County.

* 13. Do you see a primary care provider on a regular basis (at least annually)?

- Yes
- No

14. If you answered 'No' to the previous question, regarding seeing a primary care provider on a regular basis, please provide the reason for your answer.

* 15. Have you or anyone in your household had any difficulty finding a doctor within the past 2 years?

- Yes
- No

* 16. What barriers exist in Meade County, preventing individuals from obtaining better health and quality of life? select all that apply

- Lack of health insurance
- Accessibility to primary care provider
- Ability to pay for care
- Cost of health care
- Other (please specify)
- Lack of transportation to health care services
- Prescription medication too expensive
- Accessibility to specialists

* 17. What do you think are the most pressing health problems in your community? select all that apply

- Alcohol - dependency or abuse
- Alcohol - underage binge or abuse
- Drug abuse - prescription medications
- Drug abuse - illegal substances
- Cancer
- Child abuse
- Domestic violence
- Lack of dental care
- Lack of prenatal care
- Other (please specify)
- Mental Health for adults
- Mental Health for children and teenagers
- Obesity in adults
- Obesity in children and teenagers
- Teen pregnancy
- Tobacco use/smoking among adults
- Tobacco use/smoking among teenagers
- Vaping among adults
- Vaping among teenagers

18. In your opinion, how can the issues you selected in the previous question be addressed?

* 19. What medical services are most needed in your community? select all that apply

- Adult primary care services
- Alcohol and drug abuse treatment
- Cancer treatment
- Counseling/mental health services
- Diabetes care
- Other (please specify)
- Emergency/trauma care
- Heart care services
- Orthopedic care (bone and joint)
- Pediatric services
- Women's services, such as obstetric/gynecological services

* 20. Please check the types of health education services most needed in your community. select all that apply

- | | |
|--|--|
| <input type="checkbox"/> Alcohol abuse | <input type="checkbox"/> Diet and/or exercise |
| <input type="checkbox"/> Alzheimer's disease | <input type="checkbox"/> Drug abuse |
| <input type="checkbox"/> Asthma | <input type="checkbox"/> HIV/AIDS |
| <input type="checkbox"/> Cancer screening | <input type="checkbox"/> Sexually-transmitted infections |
| <input type="checkbox"/> Child abuse/family violence | <input type="checkbox"/> Smoking cessation and/or prevention |
| <input type="checkbox"/> Diabetes | <input type="checkbox"/> Stress management |
| <input type="checkbox"/> Other (please specify) | |

* 21. Meade District Hospital is focusing to ensure we are addressing Health Equity for our community. In your own words, what does the term Health Equity mean to you?

* 22. In your opinion, what health or community services should Meade District Hospital provide, that are not currently available?