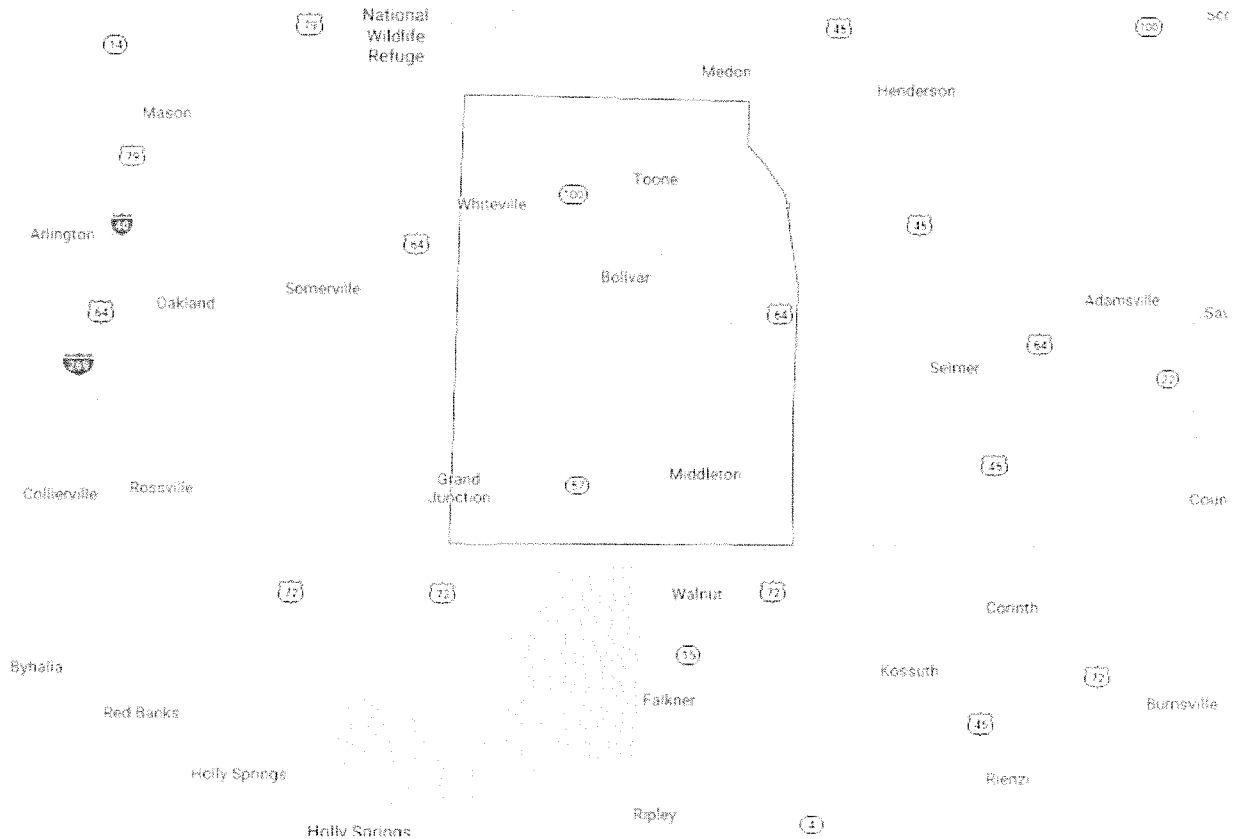


Community Health Needs Assessment

Hardeman County, Tennessee



Conducted by:

Department of Community Development

Victoria S. Lake

Update October 2021

**In fulfillment of requirements of the Patient Protection and Affordable Care Act
Pub.L.No.111-148, 124 Stat. 119, enacted March 23, 2010; and Department of Treasury
Internal Revenue Service 26 CFR Parts 1, 53, and 62 *Additional Requirements for
Charitable Hospitals; Community Health Needs Assessments for Charitable Hospitals;
Requirement of a Section 4959 Excise Tax Return and Time for filing the Return.***

RESOLUTION OF THE BOARD OF TRUSTEES
OF
JACKSON-MADISON COUNTY GENERAL HOSPITAL DISTRICT
AND
CAMDEN GENERAL HOSPITAL, INC.
AND
BOLIVAR GENERAL HOSPITAL, INC.
AND
MILAN GENERAL HOSPITAL, INC.
AND
DYERSBURG HEALTH
AND
MARTIN HEALTH
AND
PATHWAYS OF TENNESSEE, INC.

COMMUNITY HEALTH NEEDS ASSESSMENT APPROVAL

WHEREAS, the Patient Protection and Affordable Care Act, enacted March 10, 2010, requires public and not-for-profit hospitals to perform a Community Health Needs Assessment for each hospital; and

WHEREAS, the staff of the District has conducted such an Assessment and prepared the report as required for each of its hospitals; and

WHEREAS, the Assessments were prepared in accordance with IRS rules and regulations, as amended, regarding Community Health Needs Assessments for Tax Exempt Hospitals; and

WHEREAS, the Board finds that the Assessments substantially meet the requirements of the of the Patient Protection and Affordable Care Act and the applicable IRS rules and regulations, and that the Implementation Strategies set forth in the Assessments shall be implemented in accordance with Management recommendations.

NOW, THEREFORE, BE IT RESOLVED, that the Community Health Needs Assessments given to the Board are approved and adopted.

ADOPTED, this the 26th day of October, 2021.

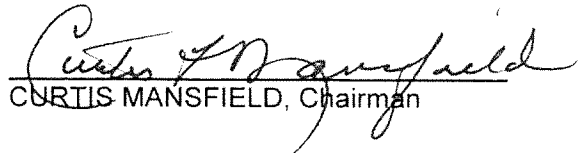
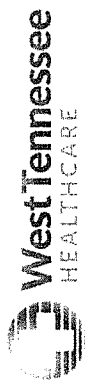

CURTIS MANSFIELD, Chairman

EXHIBIT: 2-5



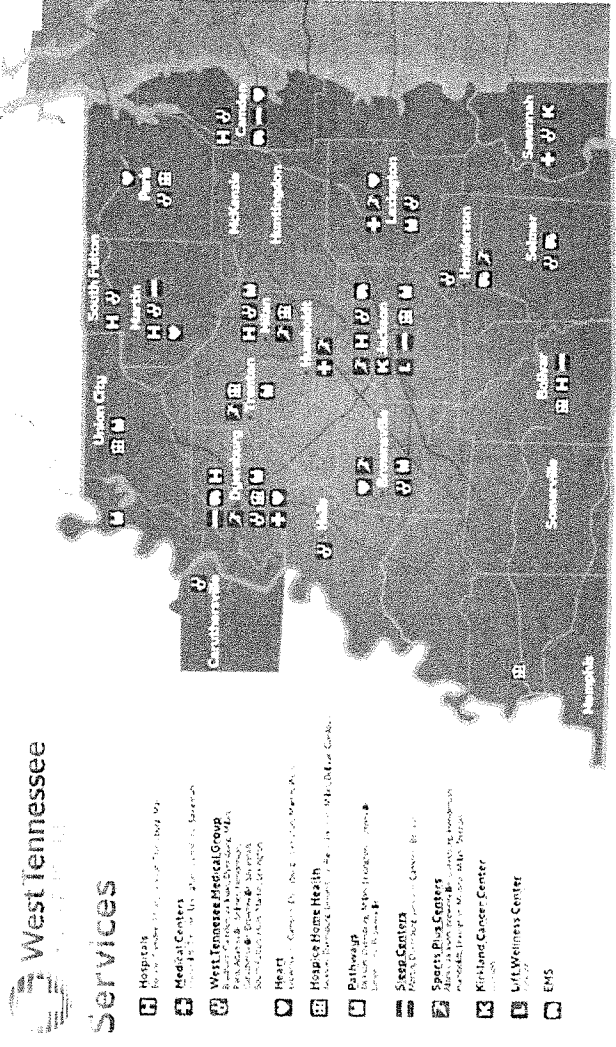
2021 Community Health Needs Assessment

Executive Summary

2021 Assessment

Assessments were conducted for Madison, Benton, Chester, Crockett, Dyer, Gibson, Haywood, Hardeman, Weakley, and for Pathways as a mental health hospital.

The 2021 Assessment was an update of those conducted 2012, 2015, and 2018.

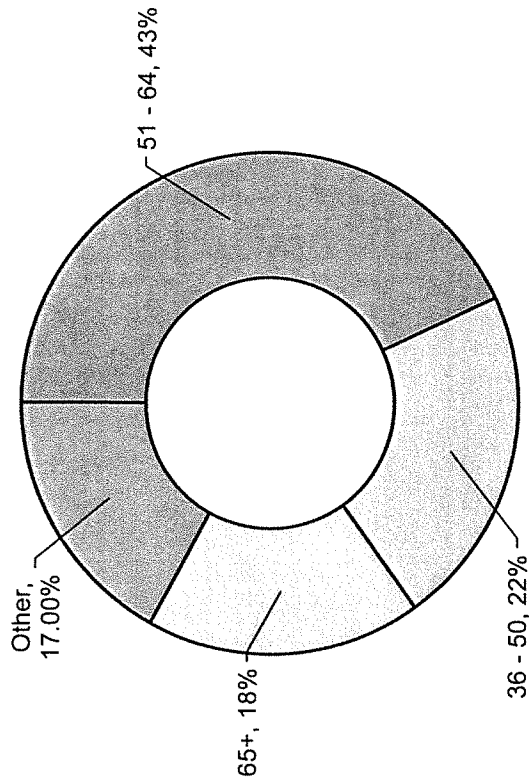


Methodology

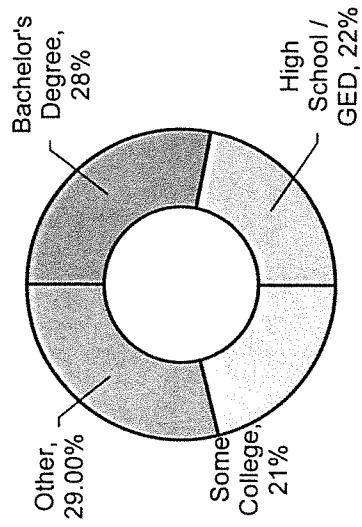
- The first stage of the Update process involved gathering secondary data from multiple sources for each county.
- The second step in the Community Health Needs Assessment Update process consisted of creating a survey to collect data from residents on local health issues. The survey consisted of 49 questions that asked basic demographics of age, race, education level, insurance, county of residence, presence or absence of specific health issues, access to care, physical activity, health information, and ten questions on adverse childhood experiences prior to 18th birthday. Respondents were requested to answer a simple “yes” or “no” to specific health issues and adverse childhood experiences.
- The survey instrument was distributed by hand during community wide COVID-19 vaccination clinics at Lane College and Humboldt Medical Center on March 20, 2021; and Jackson-Madison County General Hospital on March 30, 2021. **Data from 1,895 completed surveys was collected.**

Respondents

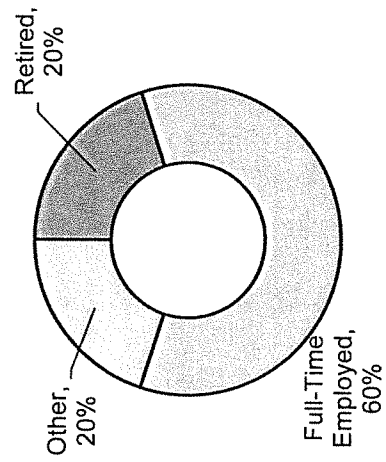
By Age



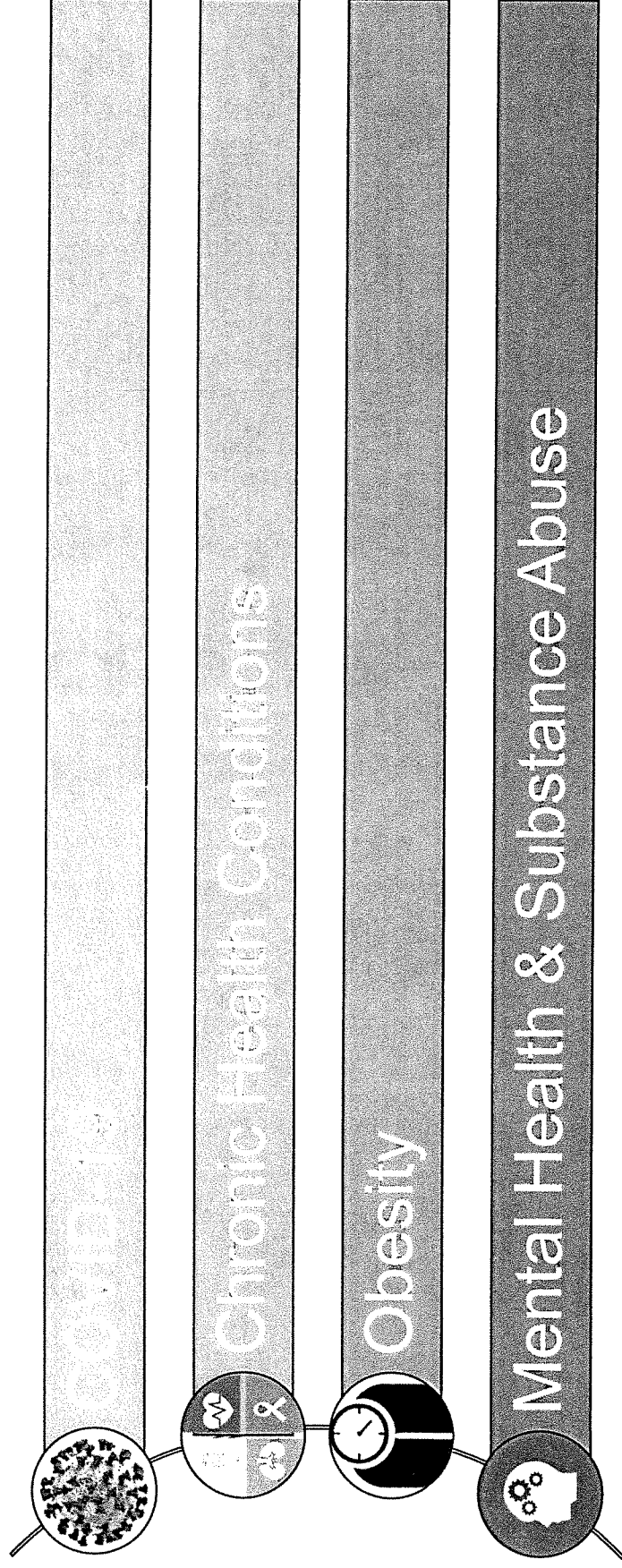
Education Level



Employment Status



Priority Health Issues Acute Care



Priority Behavioral Health Issues Pathways

Classification

Domestic Violence/Anger Management

Co-Occurring Mental Health & Substance Abuse

Alcohol, Drug, and Prescription Drug Abuse (emphasis on Opioid Crisis)

Suicide

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Attachment B	Summary-Secondary Data
Attachment C	Community Health Assessment Survey Instrument
Attachment D	Community Health Assessment Survey Results

West Tennessee Healthcare Community Health Needs Assessment Summary 2021

Needs assessments were completed in fulfillment of requirements of the Patient Protection and Affordable Care Act Pub.L.No.111-148, 124 Stat. 119, enacted March 23, 2010; and Department of Treasury Internal Revenue Service 26 CFR Parts 1, 53, and 62 *Additional Requirements for Charitable Hospitals; Community Health Needs Assessments for Charitable Hospitals; Requirement of a Section 4959 Excise Tax Return and Time for filing the Return.*

Assessments were conducted for Madison, Benton, Chester, Crockett, Dyer, Gibson, Haywood, Hardeman, Weakley, and for Pathways as a mental health hospital. This document reflects work done for the Hardeman County Community Needs Assessment.

The 2021 needs assessments were update of those conducted in 2012, 2015, and 2018. Because of high volumes of COVID-19, this is a limited needs assessment conducted by a committee of West Tennessee Healthcare staff. Tennessee Department of Health Community Health Councils are not meeting on a regular basis due to COVID-19 so input from community representatives was not available. Jackson-Madison County General Hospital and other community agencies are conducting very little community outreach efforts. WTH staff will reconvene the Needs Assessment Committee in 2022, and upon consultation with the Health Council, will update outreach strategies.

The first stage of the Update process involved gathering secondary data from multiple sources for each county. The second step in the Community Health Needs Assessment Update process consisted of creating a survey to collect data from residents on local health issues. The survey consisted of 49 questions that asked basic demographics of age, race, education level, insurance, county of residence, presence or absence of specific health issues, access to care, physical activity, health information, and ten questions on adverse childhood experiences prior to 18th birthday. Respondents were requested to answer a simple “yes” or “no” to specific health issues and adverse childhood experiences.

The survey instrument was distributed by hand during community wide COVID-19 vaccination clinics at Lane College and Humboldt Medical Center on March 20, 2021; and Jackson-Madison County General Hospital on March 30, 2021. Data from 1,895 completed surveys was collected.

Sixteen WTH staff and two members from Quality Council were asked to serve on an Internal Committee to review secondary and survey data. Surveys were distributed at several locations, and data were requested on basic respondent demographics. The age group 51 to 64 represented 43 percent of respondents, followed by age 36 to 50 (22 percent), and age 65 and older (18 percent). The predominant education level is respondents with a Bachelors degree (28 percent), followed by high school graduate/ GED (22 percent) and some college (21 percent). Sixty percent (60 percent) of respondents were working full time and 20 percent were retired. A majority of individuals completing the survey were women (56 percent), had private health insurance (59 percent, and were Caucasian (68 percent)

Upon a review of survey responses and secondary data, four priority health issues were identified.

COVID-19
Chronic Health Conditions
Obesity
Mental Health and Substance Abuse Issues
Pathways Issues
Depression
Domestic Violence/Anger Management
Co-Occurring Mental Health & Substance Abuse
Alcohol, Drug, and Prescription Drug Abuse (emphasis on Opioid Crisis)
Suicide

Introduction

Under the leadership of West Tennessee Healthcare Bolivar Hospital, a community health needs assessment was conducted in 2021. The needs assessment was completed in fulfillment of requirements of the Patient Protection and Affordable Care Act Pub.L.No.111-148, 124 Stat. 119, enacted March 23, 2010; and Department of Treasury Internal Revenue Service 26 CFR Parts 1, 53, and 62 *Additional Requirements for Charitable Hospitals; Community Health Needs Assessments for Charitable Hospitals; Requirement of a Section 4959 Excise Tax Return and Time for filing the Return*.

This 2021 needs assessment is an update of those conducted in 2012, 2015, and 2018. Because of high volumes of COVID-19, this is a limited needs assessment conducted by a committee of West Tennessee Healthcare staff (including Bolivar Hospital). Tennessee Department of Health Community Health Councils are not meeting on a regular basis due to COVID-19 so input from community representatives was not available. Jackson-Madison County General Hospital, West Tennessee Healthcare Bolivar Hospital and other community agencies are conducting very little community outreach efforts. The Hospital will reconvene the Needs Assessment Committee in 2022, and upon consultation with the Health Council, will update outreach strategies. The process used to conduct this limited assessment is described in the following pages.

Description of the Hospital and Community

West Tennessee Healthcare Bolivar Hospital is a critical access hospital, licensed for 25 inpatient beds (including 10 swing beds) and was acquired by the Jackson-Madison County General Hospital District in 1995. The Hospital is a member of the American Hospital Association, Tennessee Hospital Association, is accredited by The Joint Commission, and is approved by the U.S. Department of Health and Human Services for participation in Medicare and Medicaid programs. Their service area is Hardeman County, Tennessee.

Located in Bolivar, Tennessee, the Hospital provides general medical, outpatient rehabilitation services, internal medicine, a sleep center, a medical/surgical unit, pathology and laboratory department, radiology (computerized axial tomography, mammography, ultrasound, and diagnostic X-RAY), 24 hour/7 days a week emergency services, and social services.

The designated “community” for the needs assessment is Hardeman County, Tennessee. With a 2020 Decennial Census population of 25,462, Hardeman County is located in rural Southwest Tennessee approximately 77 miles East of Memphis and 188 miles West of Nashville. The population is 1.9 percent Hispanic and 98.1 percent Other. According to the Tennessee Department of Economic & Community Development, 17.8 percent of persons living in households are below the Federal poverty level. The personal income per capita is \$30,977. The population 18 to 64 represents 63.1 percent, while the age 65 and older population is 17.9 percent of the total. The high school graduation rate is 84.0 percent; 15.3 percent have an Associate Degree of higher and 10.4 percent have a Bachelor Degree or higher.

Hardeman County is composed of a number of small towns: Bolivar (5,031 pop), Grand Junction (392 pop), Hickory Valley (90 pop), Hornsby (311 pop), Middleton (891 pop), Saulsbury (108 pop), Silerton (132 pop), Toone (413 pop), and Whiteville (4,501 pop).

Hardeman County has a wide range of industries that employ individuals living in and around the county. Hardeman County is home to manufacturers and businesses such as Thyssenkrupp Elevator Corporation (1,200 employees), Hardeman County Correctional Facility (300 employees), Kilgore Flares Inc., associated with military flares (280 employees), Whiteville Correctional Facility (243 employees), and Quinco Community Mental Health Center (141 employees).

Other top employers are Hardeman County Board of Education with 650 employees, Western Mental Health Institute with 600 employees, and Hardeman County Government with 176 employees.

The county seat of Hardeman County is Bolivar, Tennessee. The Hardeman County School System has 3,543 students

Description of Community Health Needs Assessment Update Process

The mission of the Community Health Needs Assessment is to evaluate and improve the health status and wellbeing of residents in Hardeman County, Tennessee with an emphasis on preventive measures. The community health needs assessment was a review of survey results and secondary data identifying state and regional health data.

The Community Health Needs Assessment had ten (10) organizational goals.

1. To form alliances between West Tennessee Healthcare Bolivar Hospital, non-profit organizations, and the community at large to assess, improve, and promote the community health of Hardeman County, Tennessee.
2. To identify internal resources already available to assist in improving community health.
3. To assist in identifying available community resources.
4. To define “health” as it pertains to Hardeman County, Tennessee.
5. To identify collaborative partners.
6. To educate and gain formal support of West Tennessee Healthcare leadership team, Board of Trustees, community leaders, and others.
7. To assist in establishing baseline health status assessment of Hardeman County by collecting and reviewing available secondary data and statistics from resident surveys.
8. To assist in determining standards against which to measure current and future health status of the community.
9. To assist in communitywide establishment of health priorities and in facilitating collaborative planning, actions, and direction to improve community health status and quality of life.
10. To promote the need for ongoing evaluation of the community health assessment process to learn results, establish new goals and encourage further community action and involvement.

The first stage of the Update process involved gathering secondary data from multiple sources including the Tennessee Department of Health, County Health Rankings and Roadmaps, Tennessee Department of Economic & Community Development, Tennessee Department of Mental Health and Substance Abuse Services, Tennessee Bureau of Investigation, Centers of Disease Control and Prevention, Tennessee Behavioral Health County and Region Services Data Book, Tennessee Department of Health. Behavioral Risk Factor Surveillance System, and Traumatic Brain Injury Program. These data are presented in **Attachment A**.

The second step in the Community Health Needs Assessment Update process consisted of creating a survey to collect data from residents on local health issues. The survey consisted of 49 questions that asked basic demographics of age, race, education level, insurance, county of residence, presence or absence of specific health issues, access to care, physical activity, health information, and ten questions on adverse childhood experiences prior to 18th birthday.

Respondents were requested to answer a simple “yes” or “no” to specific health issues and adverse childhood experiences. **Attachment B** contains a summary of secondary data.

The survey instrument was distributed by hand during community wide COVID-19 vaccination clinics at Lane College and Humboldt Medical Center on March 20, 2021; and Jackson-Madison County General Hospital on March 30, 2021. Data from 1,895 completed surveys was collected. **Attachment C** contains a copy of the survey instrument, and **Attachment D** has a copy of the survey results.

An internal committee of West Tennessee Healthcare staff were identified to participate in the update process.

Vicki Lake	Department of Community Development
Rose Bailey	Department of Diversity, Health Equity, and Operational Excellence
Ruby Kirby	WTH Bolivar Hospital and WTH Camden Hospital
Joyce Noles	Emergency Services
Deena Kail	West Tennessee Women’s Center, Ayers Children’s Medical Center
Gina Myracle	Alice and Carl Kirkland Cancer Center
Melissa Walls	Virtual Care
Frank McMeen	West Tennessee Healthcare Foundation
Anna Tetleton Burns	Primary Care Clinics
Miki Martin	LIFT

LeAnn Childress	LIFT Therapy
Pam Henson	Pathways Behavioral Health Services
Betty Haskins	WTH Camden Hospital
Scott Barber	WTH Dyersburg Hospital
Sherry Scruggs	WTH Milan Hospital
Kevin Decker	WTH Volunteer Hospital
Tina Prescott	Administration
Vanessa Patrick	Administration

Results of Survey (N=1,895)

Health prevalence was identified by the percentage of respondents indicating they had experienced a specific medical issue. Figure 1 contains the ranking according to prevalence among respondents.

Figure 1: Health Issue Prevalence

Allergies	46%	Lack of financial resources: dental care	15%
High Blood Pressure	42%	Lack of financial resources: medical care	10%
Arthritis	33%	Lack of financial resources: medications	10%
Stress	31%	Lack of transportation: medications:	5%
Chronic Pain	18%	Lack of transportation: dental care	4%
Diabetes	18%	Lack of transportation: medical care	4%
Eye Conditions	14%		
Asthma	12%	No access to adult or child care	32%
Hearing Loss	11%	No access to physical activity facilities	16%
Heart Conditions	11%	No access to healthy foods	14%
Bullying	10%		
Autoimmune Disease	8%	Family history of heart failure	81%
Fall Injuries	8%	Family history of suicide	10%
Osteoporosis	5%	Family history of opioid use	9%
COPD	4%		
Stroke	3%	COVID-19 Vaccination Experienced	91%
Dementia/Alzheimers	1%	COVID-19	46%

Survey Respondent Demographics

Surveys were distributed at several locations, and data were requested on basic respondent demographics. The age group 51 to 64 represented 43 percent of respondents, followed by age 36 to 50 (22 percent), and age 65 and older (18 percent) (Figure 2). The predominant education level is respondents with a Bachelors degree (28 percent), followed by high school graduate/ GED (22 percent) and some college (21 percent) (Figure 3). Sixty percent (60 percent) of respondents were working full time and 20 percent were retired (Figure 4). A majority of individuals completing the survey were women (56 percent) (Figure 5), had private health insurance (59 percent) (Figure 6), and were Caucasian (68 percent) (Figure 7).

Figure 2: Age Distribution

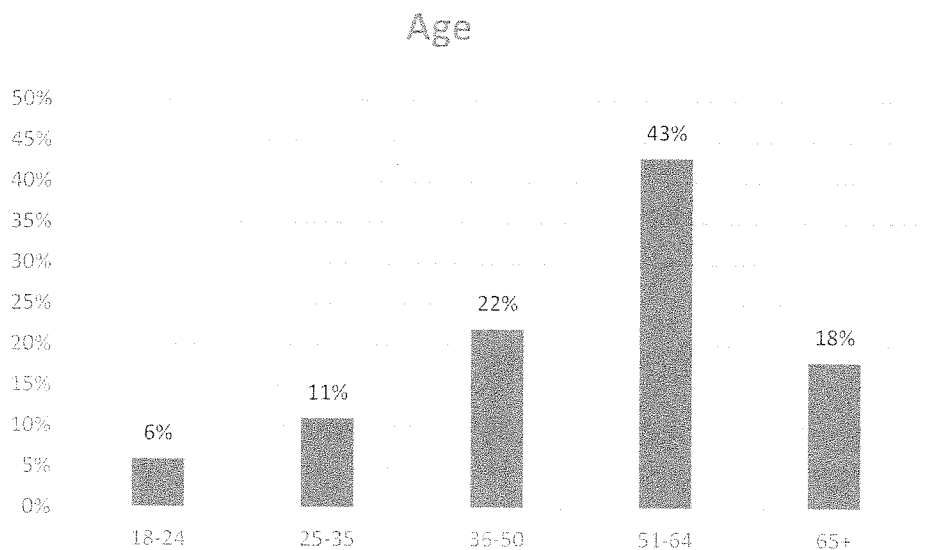


Figure 3: Education Levels

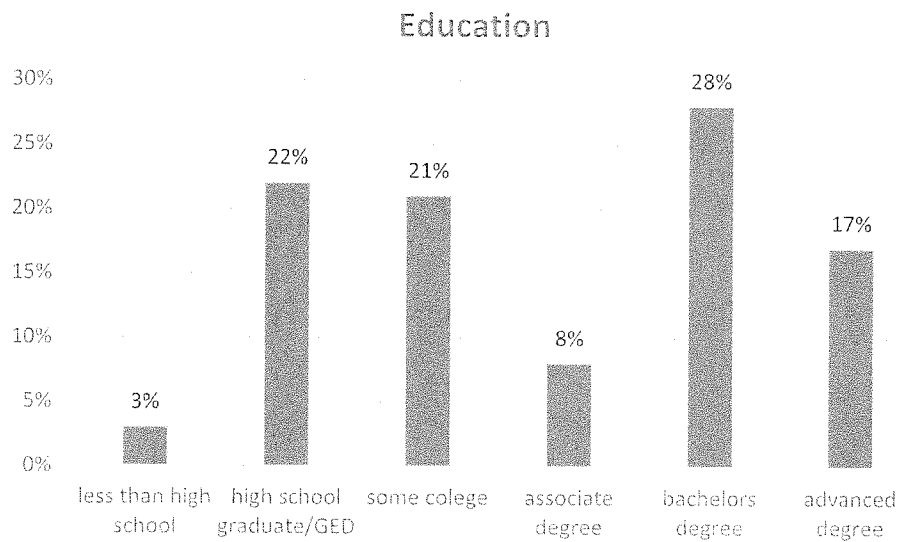


Figure 4: Employment Status

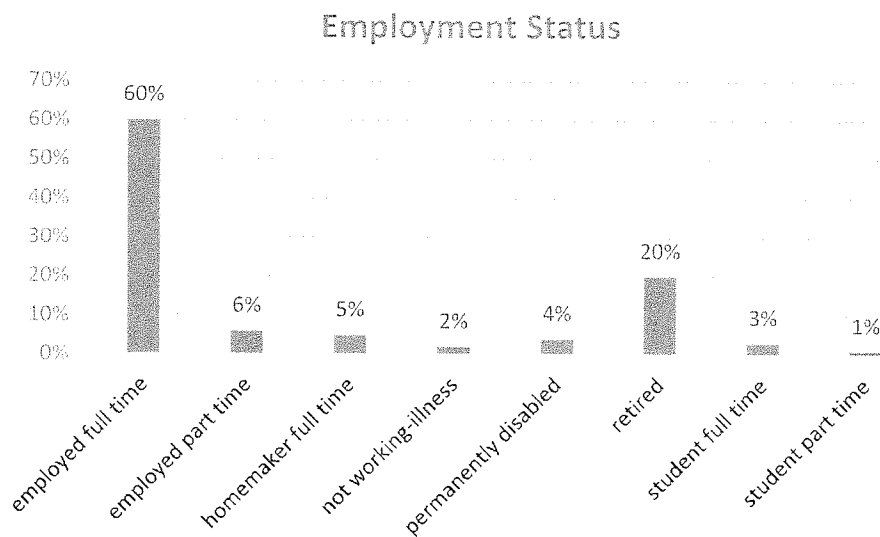


Figure 5: Gender

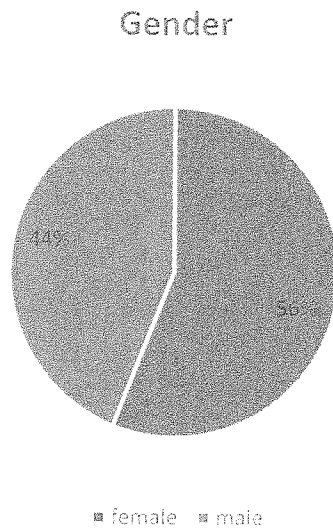


Figure 6: Insurance Coverage

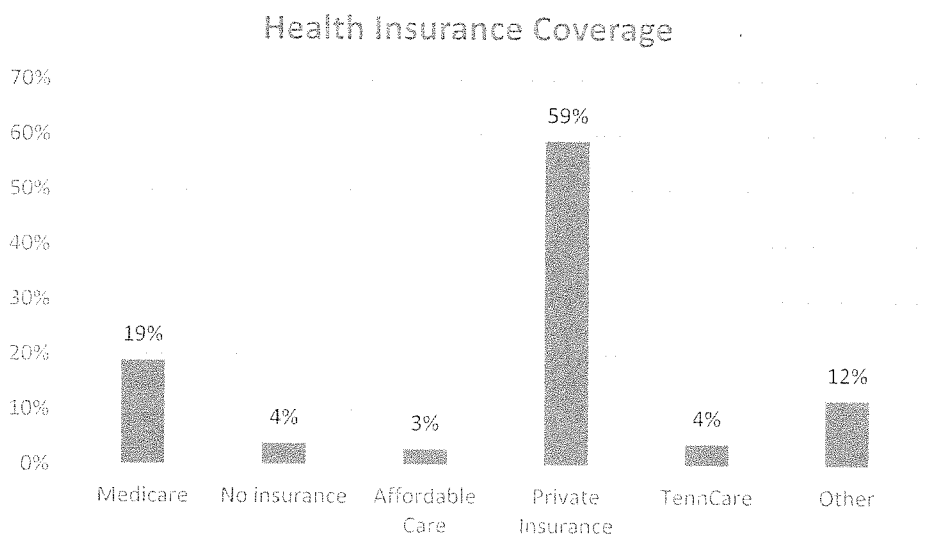
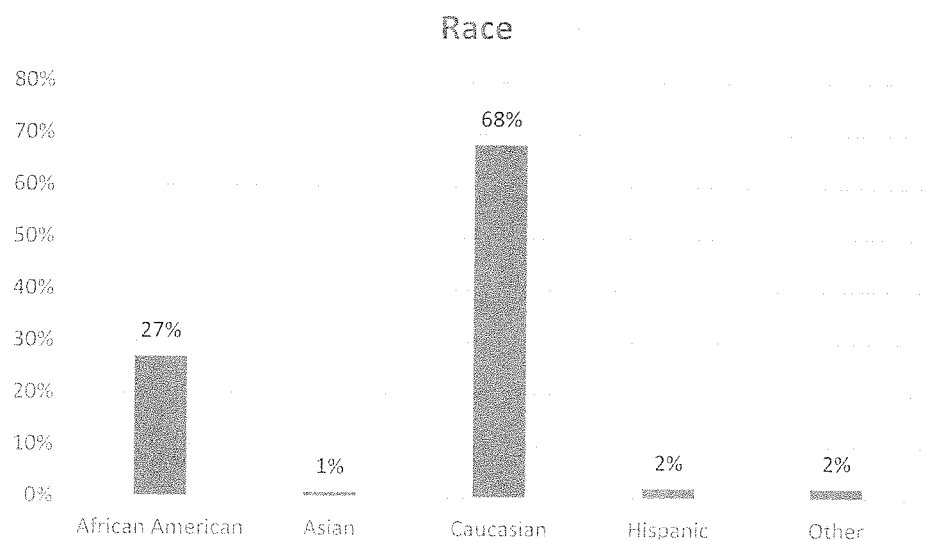


Figure 7: Race



Results of Secondary Data Analysis

The West Tennessee Healthcare Committee reviewed secondary data, focusing on indicators where the county consistently had higher rates, percentages, volumes than the state as a whole. For Hardeman County, deaths from cancer, deaths from heart disease, children in poverty, uninsured population, tobacco use, deaths from cerebrovascular disease, obesity, deaths from diabetes, and drug-related issues were consistently higher than the State of Tennessee as a whole.

Table 1: Deaths from Diseases of the Cancer Per 100,000

Deaths from Malignant Neoplasms Per 100,000							
	Total	Hardeman			TN		
		White	Black		Total	White	Black
2018	269.6	344.1	178.5		208.8	226.9	170.7
2017	286.8	282.2	308.9		212.8	230.6	173.1
2016	243.8	301.9	169.5		217.5	235.1	178.0

Hardeman County Community Health Needs Assessment
2021 Update

2015	256.8	298.5	204.6	214.8	229.5	170.4
2014	269.5	308.2	231.2	216.1	231.8	182.4
2013	247.0	262.8	237.3	214.5	231.0	176.4
2012	207.2	267.5	135.6	211.2	226.5	176.3
2011	227.2	249.3	207.0	210.2	224.6	180.1
2010	286.2	357.6	203.9	212.9	234.6	178.9
2009	278.0	308.1	244.8	216.2	226.9	183.5

Source: Tennessee Department of Health.

Table 2: Death from Diseases from the Heart per 100,000

Death from Diseases of the Heart Per 100,000

Rate

	Hardeman			TN		
	Total	White	Black	Total	White	Black
2018	245.8	286.7	206.6	242.5	263.2	199.7
2017	310.4	409.2	187.2	238.4	259.5	193.8
2016	405.0	491.5	310.7	232.1	249.9	196.8
2015	280.1	340.1	195.3	237.5	252.8	190.1
2014	261.8	308.2	212.7	232.0	250.8	189.3
2013	228.0	269.5	173.4	226.7	245.1	183.1
2012	203.5	234.0	171.8	220.6	241.2	165.2
2011	242.1	262.4	225.0	221.0	239.7	175.3
2010	231.2	299.1	141.8	228.3	254.0	181.8
2009	199.1	277.3	102.7	228.0	241.1	185.8

Source: Tennessee Department of Health.

Table 3: Children in Poverty

Children in Poverty-Percent of children under 18 in poverty

	Hardeman	TN
2020	29	22
2019	30	21
2018	31	23
2017	31	24
2016	33	26

2015	32	27
2014	35	26
2013	31	27
2012	34	26
2011	27	22
2010	26	23

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Table 4: Uninsured Population

Uninsured Adults-Percent Population Under Age 65 without health insurance

	Hardeman	TN
2020	15	14
2019	14	13
2018	12	12
2017	14	14
2016	15	16
2015	16	16
2014	16	21
2013	16	21
2012	19	20
2011	15	19
2010	13	15

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Table 5: Tobacco Use

Adult Smoking-Percent of Adults that report smoking at least 100 cigarettes

	Hardeman	TN
2020	26	23
2019	24	22
2018	24	22
2017	24	22
2016	28	24
2015	27	23
2014	27	23

2013	no data	23
2012	no data	24
2011	no data	24
2010	no data	25

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Table 6: Deaths from Cerebrovascular Disease

**Deaths from Cerebrovascular Disease per 100,000
RATE**

	Hardeman			TN		
	Total	White	Black	Total	White	Black
2018	67.4	71.7	65.7	51.7	54.5	49.9
2017	66.8	98.8	28.1	52.4	55.2	50.1
2016	55.0	63.2	47.1	52.8	55.1	52.6
2015	54.5	34.7	83.7	52.2	53.9	49.8
2014	73.2	75.3	74	50.7	53.1	48.4
2013	79.4	60.6	36.5	48.1	50.5	45.8
2012	71.6	73.6	72.3	46.3	48.6	42.9
2011	85.7	118.1	45.0	50.1	52.8	46.2
2010	58.7	58.5	62.1	50.1	54.3	45.6
2009	24.0	24.7	23.7	50.6	51.9	48.2

Source: Tennessee Department of Health.

Table 7: Obesity

Percent of Adults who have a body mass index greater than 30-overweight or obese

	Hardeman	TN
2020	37	33
2019	38	33
2018	40	32
2017	38	32
2016	39	32
2015	36	32
2014	37	32

2013	39	32
2012	39	32
2011	38	31
2010	38	31

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Table 8: Deaths from Diabetes

Diabetes						
Deaths from Diabetes per 100,000						
	Hardeman			TN		
	Total	White	Black	Total	White	Black
2018	43.6	71.7	9.4	29.9	29.4	38.0
2017	35.4	28.2	46.8	28.5	28.1	36.1
2016	62.9	77.2	47.1	28.4	27.5	37.3
2015	46.7	48.6	46.5	27.1	26.6	32.8
2014	73.2	68.5	83.2	26.3	25.8	33.5
2013	34.2	47.2	18.3	27.9	27.1	36.8
2012	41.4	13.4	81.4	28.2	27.4	36.7
2011	22.4	32.8	9.0	27.1	26.3	35.7
2010	51.4	26.0	88.6	26.4	26.4	35.0
2009	51.5	49.3	55.3	28.2	26.8	37.7

Source: Tennessee Department of Health.

Table 9: Drug-Related Issues

Rate of Opioid Prescriptions-Number Per 1,000 persons			
	Hardeman Co	TN	US
2018	1196.3	901.1	587.0
2017	1336.7		
2016	1426.7		
2015	1452.6		
2014	1516.5		

Source: Informatics & Analytics Centers for Disease Control & Prevention.

Number of drug related arrests for adults over 18 in Hardeman County

2019	331
2018	256
2017	347

Source: Tennessee Bureau of Investigation

In addition to these issues COVID-19 data for Hardeman County was reviewed as of August 23, 2021. Hardeman County has experienced 4,151 positive cases. Of this figure, 112 have been hospitalized, 66 individuals have died, and 3,736 have recovered.

Priority Health Issues

Upon a review of survey responses and secondary data, four priority health issues were identified.

COVID-19

Chronic Health Conditions

Obesity

Mental Health and Substance Abuse Issues

Conclusion

The Hardeman County Community Health Needs Assessment was presented to the West Tennessee Healthcare Quality Council on Tuesday September 21, 2021. The document was approved for submission to the West Tennessee Healthcare Board of Trustees and approved on October 26, 2021.

The Hospital Committee will reconvene in 2022 to collaborate with the Tennessee Department of Health County Health Council and will update this report with identified strategies.

This report is submitted as required in the Patient Protection and Affordable Care Act Pub.L.NO.111-148, 124 Stat. 119, enacted March 23, 2010, requiring updating every three years.

Hardeman County Community Health Assessment
Update of Size of Health issues 2021-Update 2-2021
Prioritization of Health Issues

Population	25,050
Age 65 +	18.6
Caucasian	55.2
African American	42.2
Latino	1.8
High School Graduates	79.6
B.S. Degree or Higher	11.2
Disability< Age 65	14.7
Median HH Income	\$ 40,304
PerCapita Income	\$ 18,172

Number Receiving Behavioral Safety Net Services

2015	2016	2017	2018	2019	2020
109	95	89	98	95	

Face to Face Crisis Service Assessments

282	283	305	310	352
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Source: Tennessee Department of Mental Health & Substance Abuse Services

Frequent mental distress 2014-2016-15.5 percent

Alcohol Use

Binge/Excessive Drinking-Percent who report in the past 30 days

	Hardeman	TN
2020	13	14
2019	12	14
2018	12	14
2017	11	11
2016	10	12
2015		9
2014	no data	9
2013	5	10
2012	5	9
2011	4	9
2010	4	9

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Rate of Opioid Prescriptions-Number Per 1,000 persons

	Hardeman Co	TN	US
2018	1196.3	901.1	587.0
2017	1336.7		

2016	1426.7
2015	1452.6
2014	1516.5

Source: Informatics & Analytics Centers for Disease Control & Prevention.

Number of drug related arrests for adults over 18 in Hardeman County

2019	331
2018	256
2017	347

Source: Tennessee Bureau of Investigation

Allergies

1 in 5 Americans suffer from all types of allergies

Allergies have increased in prevalence since the 1980s across age, sex, racial groups.

19.2 million diagnosed with hay fever

Annual costs from allergies \$18 billion

Annual costs from food allergies \$25 billion

About 200,000 emergency room visits each year from food allergies

Approximately 50 million people experience allergies.

Allergies are the 6th leading chronic disease among all ages.

Source: Asthma and Allergy Foundation of America; Centers for Disease Control and Prevention

Arthritis, Rheumatoid Arthritis, Gout, Lupus, or Fibromyalgia?

Effects one in every 2 age 65+

3 of 5 have under age 65

Risk Factors

- women
- obesity
- age
- joint injuries
- genetic predisposition
- infections
- certain occupations

Asthma

*Number of adults aged 18 and over who currently have asthma: 19.2 million

*Percent of adults aged 18 and over who currently have asthma: 7.7%

*Number of children under age 18 years who currently have asthma: 5.5 million

*Percent of children under age 18 years who currently have asthma: 7.5%

*Number of physician office visits with asthma as a primary diagnosis: 9.8 million

*Number of emergency department visits with asthma as a primary diagnosis: 1.6 million
 *Number of deaths: 3,524
 *Deaths per 100,000 population: 1.1

*Asthma is a chronic inflammation of the lung airways that causes coughing, chest tightness, wheezing or shortness of breath

*8.3% of Americans have asthma. Of these 26.5 million, 20.4 million are adults and 6.1 million are children

*Asthma prevalence is higher in children (9.4 percent) than in adults (7.7 percent), and higher in females (9.2 percent) than males (7.0 percent)

*Patients with asthma reported 11 million visits to a doctor's office and 1.7 million visits to hospital outpatient departments

*Asthma results in 439,000 hospitalizations and 1.3 million emergency room visits annually.

*Asthma is the most common chronic illness in childhood, accounting for 13.8 million missed school days each year. It also accounts for 14.2 million lost work days for adults.

*The estimated economic cost of asthma is \$56 billion annually.

*More than 3,500 people die of asthma each year, nearly half of whom are age 65 or older

*Asthma symptoms can be triggered by exposure to an allergen

*Asthma is often hereditary.

*Weather conditions such as extremely dry, wet or windy weather can worsen asthma conditions

Source: Centers for Disease Control and Prevention.

Cancer

Deaths from Malignant Neoplasms Per 100,000

	Hardeman			TN		
	Total	White	Black	Total	White	Black
2018	269.6	344.1	178.5	208.8	226.9	170.7
2017	286.8	282.2	308.9	212.8	230.6	173.1
2016	243.8	301.9	169.5	217.5	235.1	178.0
2015	256.8	298.5	204.6	214.8	229.5	170.4
2014	269.5	308.2	231.2	216.1	231.8	182.4
2013	247.0	262.8	237.3	214.5	231.0	176.4
2012	207.2	267.5	135.6	211.2	226.5	176.3
2011	227.2	249.3	207.0	210.2	224.6	180.1
2010	286.2	357.6	203.9	212.9	234.6	178.9
2009	278.0	308.1	244.8	216.2	226.9	183.5

Source: Tennessee Department of Health.

COPD, Ephysema, or Chronic Bronchitis

About 9.7 percent of Tennessee population have COPD.

Respondents were more likely to report COPD ($p < 0.05$) if they

- Were female.
- Were unable to work.
- Had not graduated from high school.
- Had a household income of \$25,000 or less.
- Had a history of smoking (current or former).
- Had a history of asthma.

Respondents were less likely to report COPD ($p < 0.05$) if they

- Were aged 44 years or younger.
- Were male.
- Had never smoked.
- Had no history of asthma.

Source: COPD Foundation; Centers for Disease Prevention and Control

Diabetes

Deaths from Diabetes per 100,000

	Total	Hardeman			Total	TN	
		White	Black			White	Black
2018	43.6	71.7	9.4		29.9	29.4	38.0
2017	35.4	28.2	46.8		28.5	28.1	36.1
2016	62.9	77.2	47.1		28.4	27.5	37.3
2015	46.7	48.6	46.5		27.1	26.6	32.8
2014	73.2	68.5	83.2		26.3	25.8	33.5
2013	34.2	47.2	18.3		27.9	27.1	36.8
2012	41.4	13.4	81.4		28.2	27.4	36.7
2011	22.4	32.8	9.0		27.1	26.3	35.7
2010	51.4	26.0	88.6		26.4	26.4	35.0
2009	51.5	49.3	55.3		28.2	26.8	37.7

Source: Tennessee Department of Health.

Percentage of Population Diagnosed with Diabetes

	Hardeman	TN
2020	19	13
2019	15	13
2018	15	13
2017	15	13
2016	15	12
2015	14	12
2014	13	11
2013	12	11
2012	12	11
2011	12	11

Source: Robert Wood Johnson Foundation and University of Wisconsin

Dental Care

Tennessee ranks 38th for dental care. Oral cancer from tobacco use accounts for 75 to 90 percent of oral cancer. About 22 percent of adults and 10 percent of children smoke in Tennessee.

People do not visit a dentist because of cost (70%) and fear (25%).

Hardeman County is HRSA Federal Health Professional Shortage Area for Dental Care

Hardeman County Community Health Center ID=6479994792 Score 21 Rural

School Health Clinic

Low Income Population and Single County Designations ID=6471433899 Score 17 Rural

Financial Resources

Uninsured Adults-Percent Population Under Age 65 without health insurance

	Hardeman	TN
2020	15	14
2019	14	13
2018	12	12
2017	14	14
2016	15	16
2015	16	16
2014	16	21
2013	16	21
2012	19	20
2011	15	19
2010	13	15

Percent Children Living in Single-Parent households

	Hardeman	TN
2020	49	35
2019	54	35
2018	56	36
2017	54	36
2016	51	36
2015	49	36
2014	46	35
2013	45	35
2012	47	35
2011	44	34

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Children in Poverty-Percent of children under 18 in poverty

	Hardeman	TN
2020	29	22
2019	30	21
2018	31	23
2017	31	24
2016	33	26
2015	32	27
2014	35	26
2013	31	27
2012	34	26
2011	27	22
2010	26	23

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

All People in Poverty-Percent

	Hardeman	TN
2019	13.9	19.2

Source: County and City QuickFacts.

Unemployment

	Hardeman	TN	US
44520.0	7.0	5.3	6.7
44519.0	5.0	3.3	3.5
2017	5.0	3.2	4.1
2016	6.5	5.1	4.7
2015	7.3	5.5	5.0
2014	8.7	6.6	5.6

Source: Tennessee Department of Labor & Workforce Development

Heart Conditions

Death from Diseases of the Heart Per 100,000

Rate

	Hardeman			TN		
	Total	White	Black	Total	White	Black
2018	245.8	286.7	206.6	242.5	263.2	199.7
2017	310.4	409.2	187.2	238.4	259.5	193.8
2016	405.0	491.5	310.7	232.1	249.9	196.8
2015	280.1	340.1	195.3	237.5	252.8	190.1
2014	261.8	308.2	212.7	232.0	250.8	189.3
2013	228.0	269.5	173.4	226.7	245.1	183.1
2012	203.5	234.0	171.8	220.6	241.2	165.2
2011	242.1	262.4	225.0	221.0	239.7	175.3
2010	231.2	299.1	141.8	228.3	254.0	181.8
2009	199.1	277.3	102.7	228.0	241.1	185.8

Source: Tennessee Department of Health.

High Blood Pressure

Deaths from Cerebrovascular Disease per 100,000

RATE

	Hardeman			TN		
	Total	White	Black	Total	White	Black
2018	67.4	71.7	65.7	51.7	54.5	49.9
2017	66.8	98.8	28.1	52.4	55.2	50.1
2016	55.0	63.2	47.1	52.8	55.1	52.6
2015	54.5	34.7	83.7	52.2	53.9	49.8
2014	73.2	75.3	74	50.7	53.1	48.4
2013	79.4	60.6	36.5	48.1	50.5	45.8
2012	71.6	73.6	72.3	46.3	48.6	42.9
2011	85.7	118.1	45.0	50.1	52.8	46.2
2010	58.7	58.5	62.1	50.1	54.3	45.6
2009	24.0	24.7	23.7	50.6	51.9	48.2

Source: Tennessee Department of Health.

Influenza in rural West Tennessee

Flu Vaccine Rates: Elderly

	Hardeman Co	TN	US
2018	45.0%	47.37%	45.99%
2017	45.4%		
2016	48.9%		
2015	53.5%		
2014	57.8%		

Source: US Depart of Health & Human Services

Obesity

Youth Obesity

	Hardeman Co	TN
2017	44.2%	
2016	46.0%	39.2%
2015	43.2%	
2014	44.4%	

Source: Coordinated School Health.

Physical Activity

	Hardeman Co	TN	US
2018			75.4%
2017		69.4%	
2016	72.0%		
2015	70.9%		
2014	68.0%		

Source: Behavioral Risk Survey. Percentage of adults reporting physical activity-past 30 days

Percent of Adults who have a body mass index greater than 30-overweight or obese

	Hardeman	TN
2020	37	33
2019	38	33
2018	40	32
2017	38	32
2016	39	32
2015	36	32
2014	37	32
2013	39	32
2012	39	32
2011	38	31
2010	38	31

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Teenage Pregnancy

Pregnancies Age 10-17 per 1,000 Females

	Hardeman			TN		
	Total	White	Black	Total	White	Black
2018	6.2	1.8	11.6	4.6	3.7	8.8
2017	4.5	5.4	3.9	4.9	4.1	8.7
2016	7.0	5.2	9.7	5.4	4.5	9.7
2015	6.7	1.6	13.2	6.0	5.1	10.2
2014	9.9	3.2	18.1	6.3	5.5	10.7
2013	7.2	9.5	5.1	7.2	6.0	12.9
2012	9.3	6.2	11.6	8.3	7.0	14.0
2011	10.7	6.2	16.0	8.9	7.3	15.5
2010	13.5	9.1	19.1	10.0	8.3	17.9
2009	7.4	2.7	12.2	12.0	9.1	21.9

Pregnancies Age 15-17 Per 1,000 Females

	Hardeman			TN		
	Total	White	Black	Total	White	Black
2018	17.0	4.7	31.9	11.6	9.5	21.6
2017	12.0	14.4	10.2	12.4	10.5	21.4
2016	14.7	9.6	21.1	13.7	11.5	23.6
2015	16.0	4.7	28.2	15.2	13.2	24.7
2014	27.5	9.4	47.2	16.1	14.2	25.6
2013	15.9	23.9	9.1	18.2	15.6	30.8
2012	26.1	17.5	32.7	21.2	18.1	33.9
2011	27.9	13.2	44.8	22.4	18.9	36.5
2010	32.6	22.7	46.8	24.8	21.1	42.1
2009	18.1	6.7	29.2	29.6	22.4	55.5

Source: Tennessee Department of Health.

Tobacco Use

Adult Smoking-Percent of Adults that report smoking at least 100 cigarettes

	Hardeman	TN
2020	26	23
2019	24	22
2018	24	22
2017	24	22
2016	28	24
2015	27	23
2014	27	23
2013	no data	23
2012	no data	24
2011	no data	24
2010	no data	25

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Child Abuse

Child Abuse & Neglect in Tennessee

	Hardeman	TN
2020	3.4	4.7
2018	3.7	4.9
2016	4.3	4.8
2014	3.8	4.5
2012	2.8	4.9
2010	2.7	5.5
2009	3.1	7.0
2008	3.3	8.4
2007	3.4	11.6
2006	17.4	11.7

Source: Tennessee Commission on Children and Youth: KIDS COUNT: The State of the Child in Tennessee.

Teens with Sexually Transmitted Diseases Ages 15-17 per 1,000

	Hardeman	TN
2020	29.1	19.0
2018	21.7	17.3
2016	53.3	15.2
2012	45.5	20.3
2010	23.8	18.9
2009	39.2	21.2
2008	46.3	21.2
2007	43.0	22.5
2006	52.5	21.2

Source: Tennessee Commission on Children and Youth: KIDS COUNT: The State of the Child in Tennessee.

Summary of Health Issues-2021 Community Health Needs Assessment Secondary Data

X= indicator Higher for the County than the State of Tennessee

County	Cancer Deaths	Heart Disease	Children in Poverty	Uninsured Population	Persons in Poverty	Obesity	Teen Pregnancy	Tobacco Use	Cerebrovascular Deaths	Diabetes Deaths	Excessive Drinking	Teen Pregnancy	Drug-Related Issues	Diabetes Diagnosed	Motor Vehicle Accidents
Benton	X	X	X	X		X		X	X	X		X			
Chester		X			X	X				X	X				
Crockett	X	X		X	X	X		X		X		X	X	X	
Gibson	X	X				X				X		X	X		X
Hardeman	X	X	X	X		X		X	X	X			X	X	
Haywood	X	X	X			X			X	X			X	X	X
Madison		X	X			X			X	X			X		
Dyer	X	X				X				X		X	X	X	
Weakley	X					X				X			X		

Community Health Assessment Survey

West Tennessee Healthcare

We would like you to help us identify current health and well being issues facing rural West Tennessee counties. Your responses will be confidential. This survey will take between 3-5 minutes.

Please answer the following questions by selecting the response that best describes you. Darken or fill in the circle for each response.

1. Age

- ☐ 18-24 ☐ 25-35 ☐ 36-50 ☐ 51-64 ☐ 65+

2. Education

- ☐ Less than high school ☐ High school graduate/GED ☐ Some college
☐ Associate degree ☐ Bachelor degree ☐ Advanced degree

3. Employment Status

- ☐ Employed full time ☐ Employed part time
☐ Homemaker full time ☐ Not working because of acute illness or injury
☐ Permanently disabled ☐ Retired
☐ Student full time ☐ Student part time

4. Gender

- ☐ Female
☐ Male
☐ Trans Female (Male to Female)
☐ Trans Male (Female to Male)
☐ Gender Non-conforming (i.e. not exclusively male or female)

5. Insurance

- ☐ Medicare ☐ No insurance
☐ Obamacare (Affordable Healthcare) ☐ Private insurance
☐ TennCare ☐ Other

6. County of Residence

- | | | | | |
|----------------------------------|--------------------------------|---------------------------------|-------------------------------|------------------------------|
| <input type="radio"/> Benton | <input type="radio"/> Chester | <input type="radio"/> Crockett | <input type="radio"/> Dyer | <input type="radio"/> Gibson |
| <input type="radio"/> Hardeman | <input type="radio"/> Haywood | <input type="radio"/> Madison | <input type="radio"/> Weakley | <input type="radio"/> Benton |
| <input type="radio"/> Carroll | <input type="radio"/> Chester | <input type="radio"/> Crockett | <input type="radio"/> Decatur | <input type="radio"/> Dyer |
| <input type="radio"/> Gibson | <input type="radio"/> Hardeman | <input type="radio"/> Hardin | <input type="radio"/> Haywood | <input type="radio"/> Henry |
| <input type="radio"/> Lauderdale | <input type="radio"/> Madison | <input type="radio"/> McNairy | <input type="radio"/> Obion | <input type="radio"/> Shelby |
| <input type="radio"/> Weakley | <input type="radio"/> Lake | <input type="radio"/> Henderson | | |

Community Health Assessment Survey

West Tennessee Healthcare

7. Race

- ☐ African/American
 ☐ American Indian/Alaskan Native
☐ Asian
 ☐ Caucasian
☐ Hispanic/Latino
 ☐ Indian (from India or parents from India)
☐ Middle Eastern
 ☐ Pacific Islander/Polynesian
☐ Other
 ☐ Not sure

8. Weight

- ☐ Just right
 ☐ Obese
 ☐ Overweight
 ☐ Underweight

For the following questions, indicate if you have experienced the health issue by selecting Yes or No.

Response Definition: Y=Yes N=No

- | | Y | N |
|--|-----------------------|-----------------------|
| 9. Have you had (or do you currently have) Allergies? | <input type="radio"/> | <input type="radio"/> |
| 10. Have you had (or do you currently have) Arthritis? | <input type="radio"/> | <input type="radio"/> |
| 11. Have you had (or do you currently have) Asthma? | <input type="radio"/> | <input type="radio"/> |
| 12. Have you had (or do you currently have) an Autoimmune disease? | <input type="radio"/> | <input type="radio"/> |
| 13. Have you had (or do you currently experiencing) Bullying? | <input type="radio"/> | <input type="radio"/> |
| 14. Have you had (or do you currently have) Chronic Pain? | <input type="radio"/> | <input type="radio"/> |
| 15. Have you had (or do you currently have) Dementia/Alzheimer's? | <input type="radio"/> | <input type="radio"/> |
| 16. Have you had (or do you currently have) Diabetes? | <input type="radio"/> | <input type="radio"/> |
| 17. Have you had (or do you currently have) Emphysema/COPD? | <input type="radio"/> | <input type="radio"/> |
| 18. Have you had (or do you currently have) an Eye Condition (cataracts, glaucoma, masclar degeneration)? | <input type="radio"/> | <input type="radio"/> |
| 19. Have you had (or do you currently have) a Fall or Fall related injury? | <input type="radio"/> | <input type="radio"/> |
| 20. Have you had (or do you currently have) Hearing Loss/Deafness? | <input type="radio"/> | <input type="radio"/> |
| 21. Have you had (or do you currently have) High Blood Pressure? | <input type="radio"/> | <input type="radio"/> |
| 22. Have you had (or do you currently have) Osteoporosis? | <input type="radio"/> | <input type="radio"/> |
| 23. Have you had (or do you currently have) a Heart Condition? | <input type="radio"/> | <input type="radio"/> |
| 24. Have you had (or do you currently have) high levels of Stress? | <input type="radio"/> | <input type="radio"/> |
| 25. Have you had a Stroke? | <input type="radio"/> | <input type="radio"/> |

Have you experienced a lack of financial resources that led to problems accessing any of the following:

- | | Y | N |
|------------------|-----------------------|-----------------------|
| 26. Dental care | <input type="radio"/> | <input type="radio"/> |
| 27. Medical care | <input type="radio"/> | <input type="radio"/> |
| 28. Medications | <input type="radio"/> | <input type="radio"/> |



Community Health Assessment Survey

West Tennessee Healthcare



Have you experienced a lack of transportation that led to problems accessing any of the following

- | | Y | N |
|---|-----------------------|-----------------------|
| 29. Dental care | <input type="radio"/> | <input type="radio"/> |
| 30. Medical care | <input type="radio"/> | <input type="radio"/> |
| 31. Medications | <input type="radio"/> | <input type="radio"/> |
| 32. Do you have access to Healthy Foods (fresh fruits & vegetables, lean meats, whole grain products, low fat milk products) | <input type="radio"/> | <input type="radio"/> |
| 33. How far must you travel to access Healthy Foods listed above? | | |
| <input type="radio"/> less than one mile | | |
| <input type="radio"/> over one mile to three miles | | |
| <input type="radio"/> over three miles to five miles | | |
| <input type="radio"/> over five miles to ten miles | | |
| <input type="radio"/> over ten miles | | |
| 34. Do you have access to Information/Education about your health issues, if any? | <input type="radio"/> | <input type="radio"/> |
| 35. Do you have access to Child or Adult Care ? | <input type="radio"/> | <input type="radio"/> |
| 36. Do you have access to facilities or places for Physical Activity ? | <input type="radio"/> | <input type="radio"/> |
| 37. Do you have a family history of: | | |
| <input type="radio"/> suicide <input type="radio"/> heart failure <input type="radio"/> opioid use | | |
| 38. Have you or family member had the COVID-19 vaccine? | <input type="radio"/> | <input type="radio"/> |
| 39. Have you or family member had COVID-19? | <input type="radio"/> | <input type="radio"/> |

The following questions ask about difficult situations that may cause you to feel upset..if so please talk with someone you consider safe or contact a health professional or counselor.

Prior to your 18th birthday, did you experience and of the following?

- | | Y | N |
|---|-----------------------|-----------------------|
| 40. Did a parent or other adult in the household often swear at you, insult you, put you down or humiliate you? OR act in a way that made you afraid that you might be physically harmed? | <input type="radio"/> | <input type="radio"/> |
| 41. Did an adult or person at least 5 years older than you ever touch or fondle you or have you touch their body in a sexual way? OR try to have oral, anal, or vaginal sex with you? | <input type="radio"/> | <input type="radio"/> |
| 42. Did you often feel that no one in your family loved you or thought you were important or special? OR Your family didn't look out for each other, feel close to each other, or support each other? | <input type="radio"/> | <input type="radio"/> |
| 43. Did a parent or other adult in the household often push, grab, slap, or throw something at you? OR ever hit you so hard that you had marks or were injured? | <input type="radio"/> | <input type="radio"/> |
| 44. Were your parents ever separated or divorced? | <input type="radio"/> | <input type="radio"/> |





Community Health Assessment Survey

West Tennessee Healthcare



45. Was your mother or stepmother often pushed, grabbed, slapped or had something thrown at her? OR sometimes or often kicked, bitten, hit with a fist, or hit with something hard? OR ever repeatedly hit or at least a few minutes or threatened with a gun or knife? Y N
☐ ☐
46. Did you live with anyone who was a problem drinker or alcoholic or used street drugs? ☐ ☐
47. Was a household member depressed or mentally ill or did a household member ever attempt suicide? ☐ ☐
48. Did a household member ever go to prison? ☐ ☐
49. Did you often feel that you didn't have enough to eat, had to wear dirty clothes, or had no one to protect you? OR your parents were too drunk or high to take care of you or take you to the doctor if you needed it? ☐ ☐



Community Needs Assessment Results

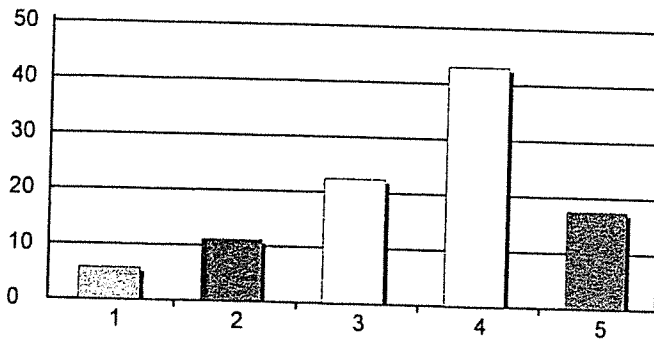
May 2, 2021

Creation Date: 5/2/2021

Time Interval: 3/28/2021 to 5/2/2021

Total Respondents: 1895

1. Age



1. 18-24

109 6%

2. 25-35

211 11%

3. 36-50

423 22%

4. 51-64

811 43%

5. 65+

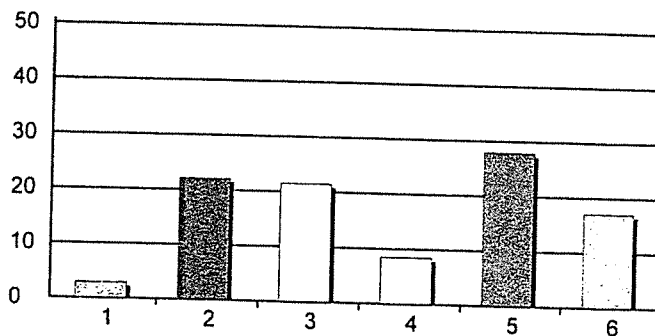
331 18%

Total Responses:

1885

Mean: 3.55 Standard Deviation: 1.08

2. Education



1. Less than high school

53 3%

2. High school graduate/GED

409 22%

3. Some college

396 21%

4. Associate degree

156 8%

5. Bachelor degree

516 28%

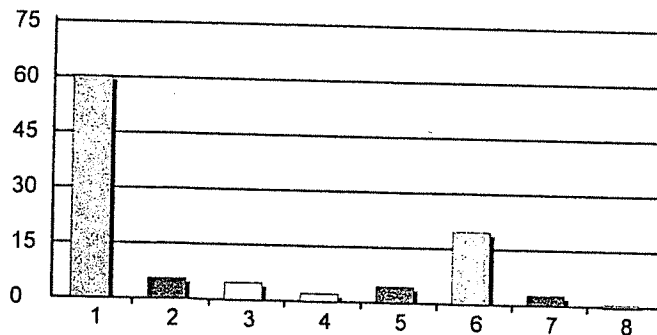
6. Advanced degree

316 17%

Total Responses:

1846

3. Employment Status



1. Employed full time

1090 60%

2. Employed part time

101 6%

3. Homemaker full time

84 5%

4. Not working because of acute illness or injury

38 2%

5. Permanently disabled

80 4%

6. Retired

357 20%

7. Student full time

51 3%

8. Student part time

10 1%

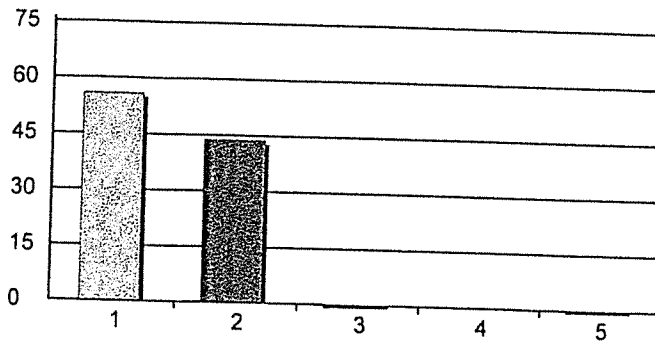
Total Responses:

1811

Community Needs Assessment Results

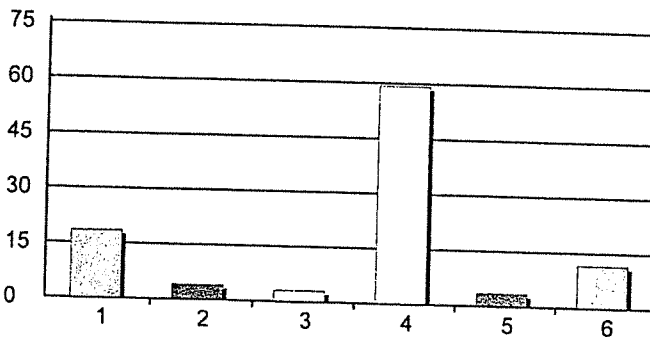
May 2, 2021

4. Gender



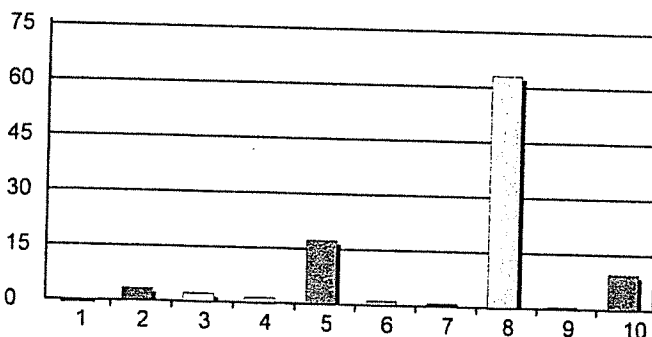
1. Female	1048	56%
2. Male	821	44%
3. Trans Female (Male to Female)	2	0%
4. Trans Male (Female to Male)	0	0%
5. Gender Non-conforming (i.e. not exclusively m...	4	0%
Total Responses:	1875	
Mean: 1.45 Standard Deviation: 0.52		

5. Insurance



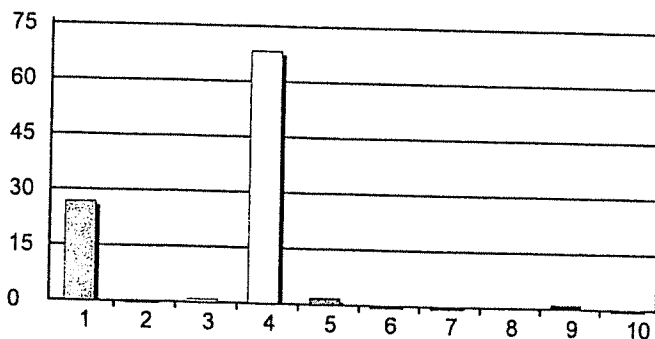
1. Medicare	338	19%
2. No insurance	75	4%
3. Obamacare (Affordable Healthcare)	54	3%
4. Private insurance	1081	59%
5. TennCare	65	4%
6. Other	213	12%
Total Responses:	1826	

6. County of Residence



1. Benton	2	0%
2. Chester	64	3%
3. Crockett	42	2%
4. Dyer	25	1%
5. Gibson	328	17%
6. Hardeman	22	1%
7. Haywood	17	1%
8. Madison	1192	63%
9. Weakley	13	1%
10. Other	183	10%
Total Responses:	1888	
Mean: 7.27 Standard Deviation: 1.88		

7. Race

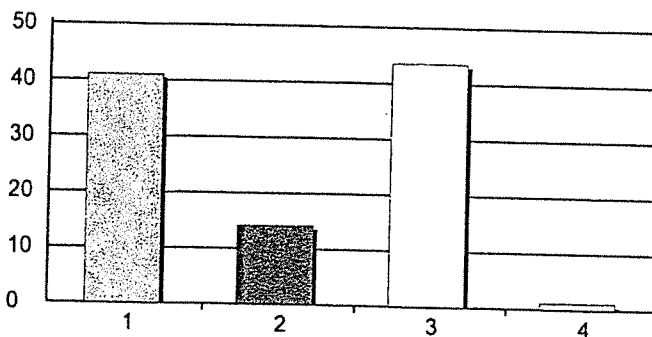


1. African/American	490	27%
2. American Indian/Alaskan Native	7	0%
3. Asian	16	1%
4. Caucasian	1248	68%
5. Hispanic/Latino	33	2%
6. Indian (from India or parents from India)	4	0%
7. Middle Eastern	4	0%
8. Pacific Islander/Polynesian	0	0%
9. Other	23	1%
10. Not sure	5	0%
Total Responses:	1830	

Community Needs Assessment Results

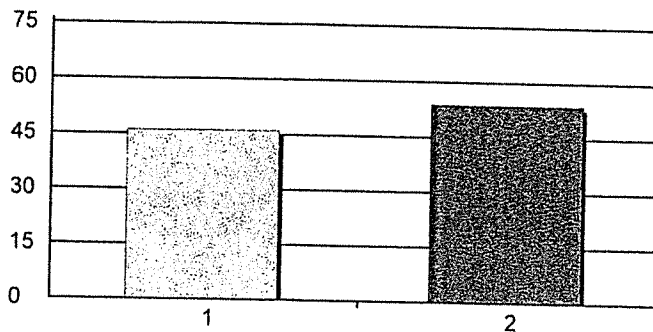
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8. Weight



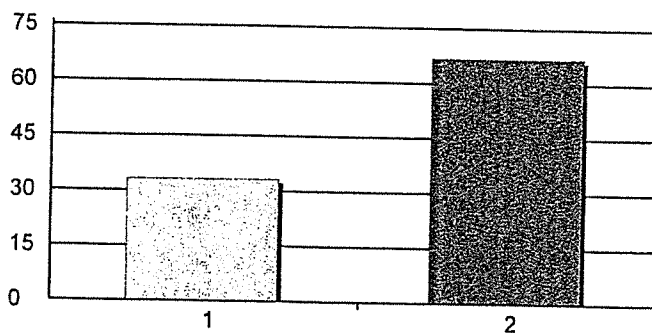
1. Just right	659	41%
2. Obese	229	14%
3. Overweight	699	44%
4. Underweight	18	1%
Total Responses:	1605	

9. Have you had (or do you currently have) Allergies?



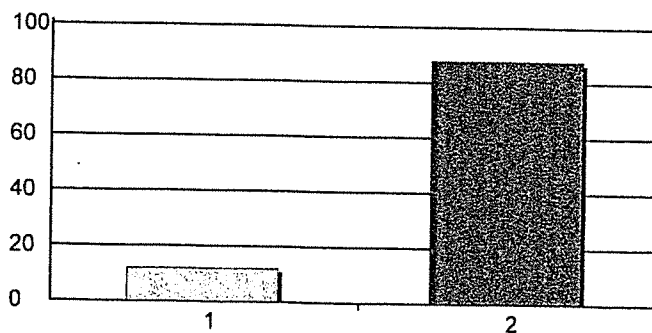
1. Yes	865	46%
2. No	1011	54%
Total Responses:	1876	
Mean: 1.54	Standard Deviation: 0.50	

10. Have you had (or do you currently have) Arthritis?



1. Yes	621	33%
2. No	1250	67%
Total Responses:	1871	
Mean: 1.67	Standard Deviation: 0.47	

11. Have you had (or do you currently have) Asthma?

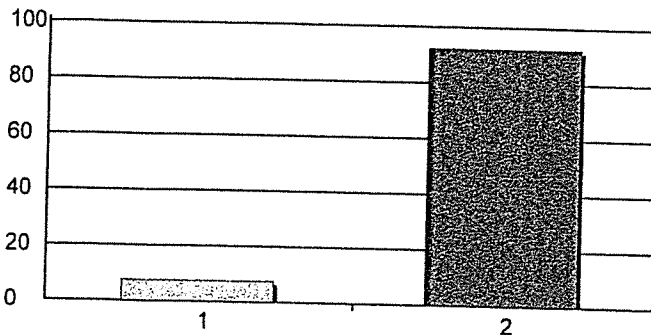


1. Yes	226	12%
2. No	1654	88%
Total Responses:	1880	
Mean: 1.88	Standard Deviation: 0.33	

Community Needs Assessment Results

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12. Have you had (or do you currently have) an **Autoimmune disease**?



1. Yes

2. No

Total Responses:

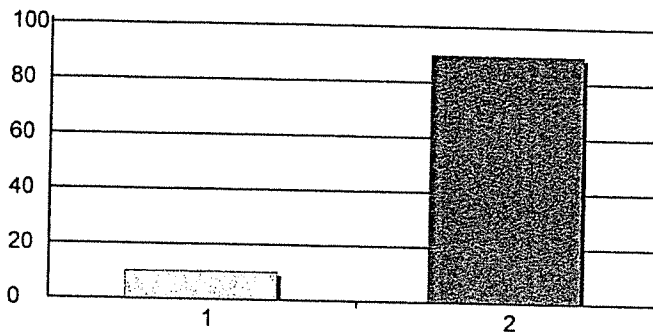
Mean: 1.92 Standard Deviation: 0.26

141 8%

1729 92%

1870

13. Have you had (or do you currently experiencing) **Bullying**?



1. Yes

2. No

Total Responses:

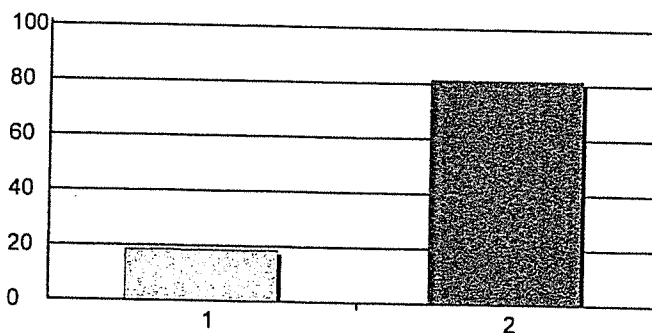
Mean: 1.90 Standard Deviation: 0.30

188 10%

1679 90%

1867

14. Have you had (or do you currently have) **Chronic Pain**?



1. Yes

2. No

Total Responses:

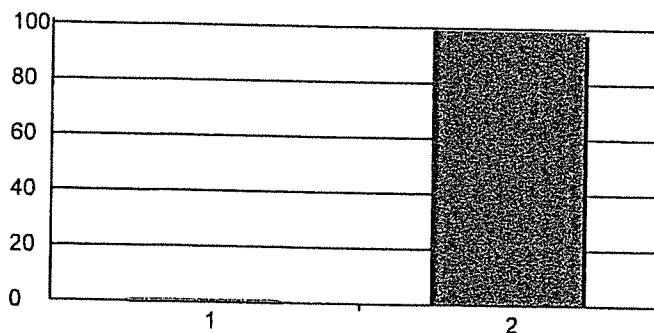
Mean: 1.82 Standard Deviation: 0.39

347 18%

1532 82%

1879

15. Have you had (or do you currently have) **Dementia/Alzheimer's**?



1. Yes

2. No

Total Responses:

Mean: 1.99 Standard Deviation: 0.09

15 1%

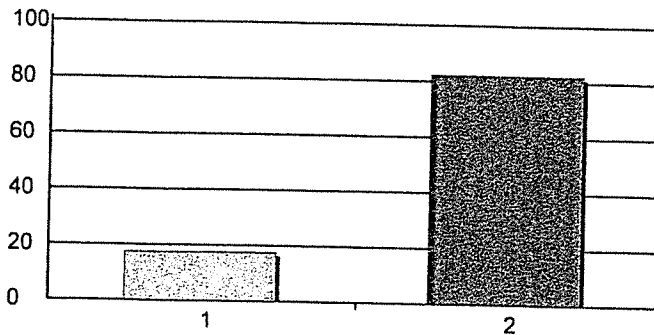
1859 99%

1874

Community Needs Assessment Results

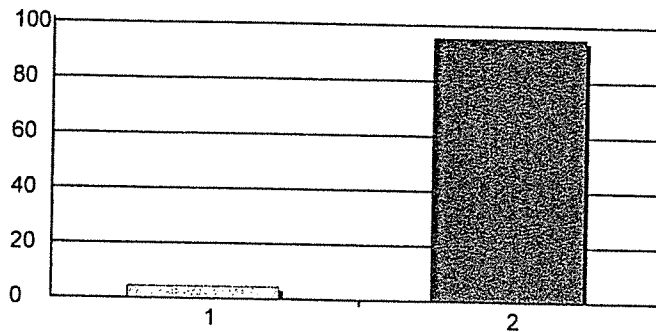
May 2, 2021

16. Have you had (or do you currently have) Diabetes?



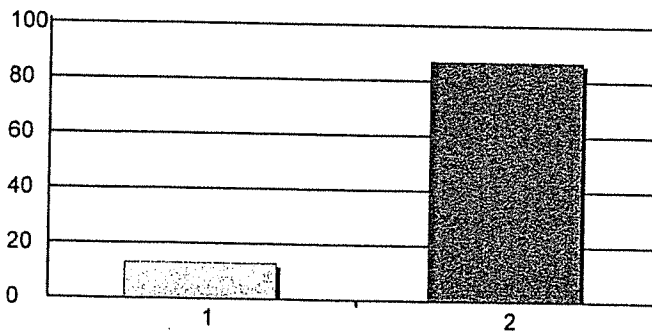
1. Yes 329 18%
 2. No 1544 82%
 Total Responses: 1873
 Mean: 1.82 Standard Deviation: 0.38

17. Have you had (or do you currently have) Emphysema/COPD?



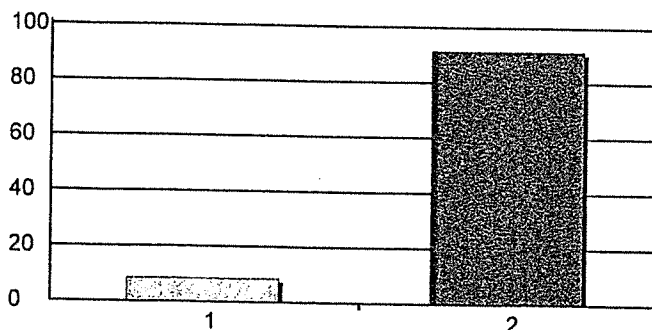
1. Yes 83 4%
 2. No 1787 96%
 Total Responses: 1870
 Mean: 1.96 Standard Deviation: 0.21

18. Have you had (or do you currently have) an Eye Condition (cataracts, glaucoma, macular degeneration)?



1. Yes 243 13%
 2. No 1631 87%
 Total Responses: 1874
 Mean: 1.87 Standard Deviation: 0.34

19. Have you had (or do you currently have) a Fall or Fall related injury?

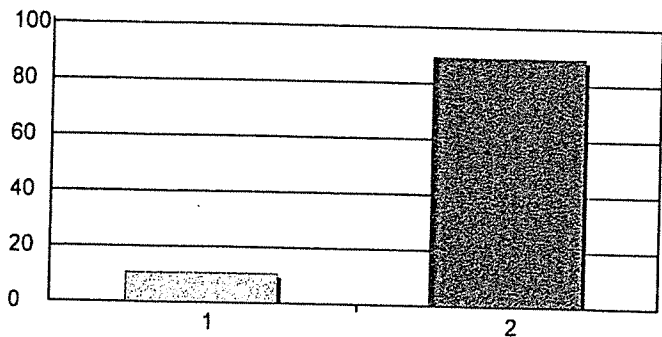


1. Yes 159 8%
 2. No 1720 92%
 Total Responses: 1879
 Mean: 1.92 Standard Deviation: 0.28

Community Needs Assessment Results

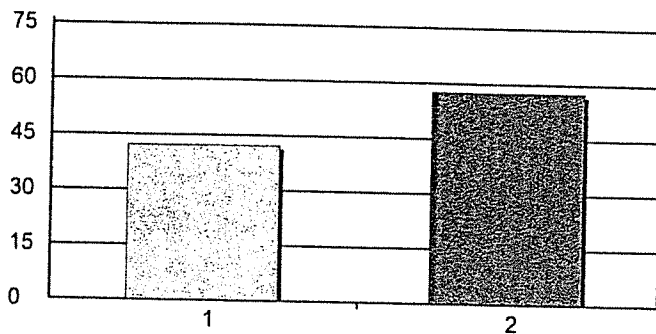
May 2, 2021

20. Have you had (or do you currently have) **Hearing Loss/Deafness**?



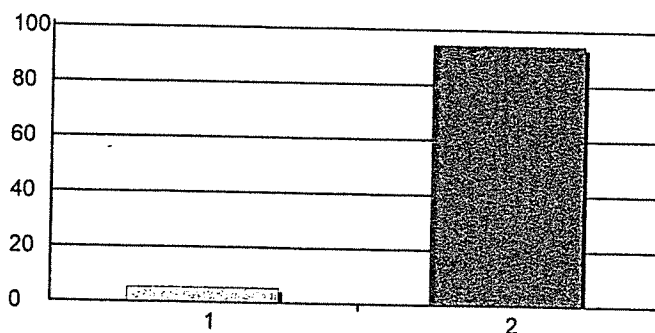
1. Yes 199 11%
 2. No 1676 89%
 Total Responses: 1875
 Mean: 1.89 Standard Deviation: 0.31

21. Have you had (or do you currently have) **High Blood Pressure**?



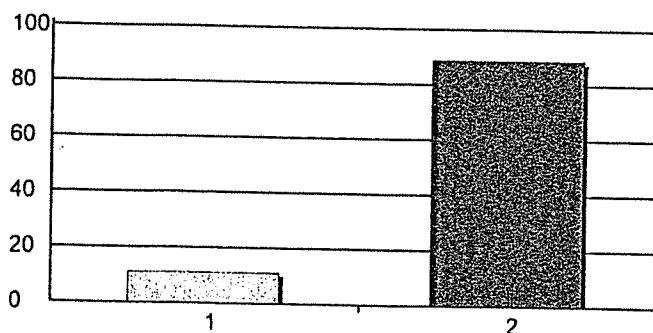
1. Yes 790 42%
 2. No 1078 58%
 Total Responses: 1868
 Mean: 1.58 Standard Deviation: 0.49

22. Have you had (or do you currently have) **Osteoporosis**?



1. Yes 101 5%
 2. No 1770 95%
 Total Responses: 1871
 Mean: 1.95 Standard Deviation: 0.23

23. Have you had (or do you currently have) **a Heart Condition**?

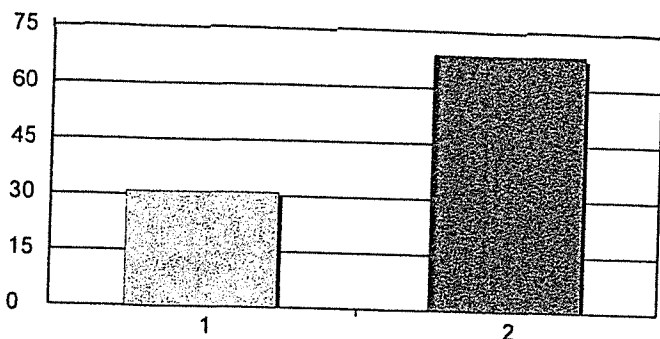


1. Yes 208 11%
 2. No 1665 89%
 Total Responses: 1873
 Mean: 1.89 Standard Deviation: 0.31

Community Needs Assessment Results

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24. Have you had (or do you currently have) high levels of Stress?



1. Yes

2. No

Total Responses:

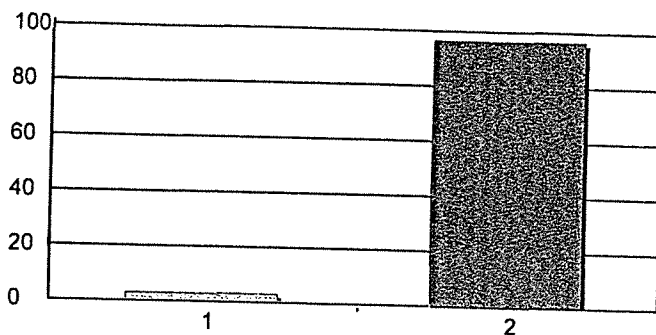
Mean: 1.69 Standard Deviation: 0.46

581 31%

1293 69%

1874

25. Have you had a Stroke?



1. Yes

2. No

Total Responses:

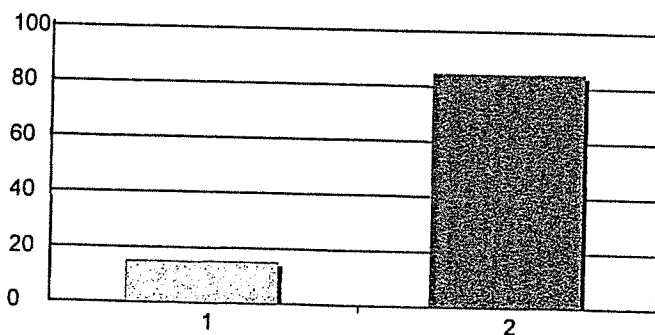
Mean: 1.97 Standard Deviation: 0.18

62 3%

1806 97%

1868

26. Lack of financial resources for: Dental care



1. Yes

2. No

Total Responses:

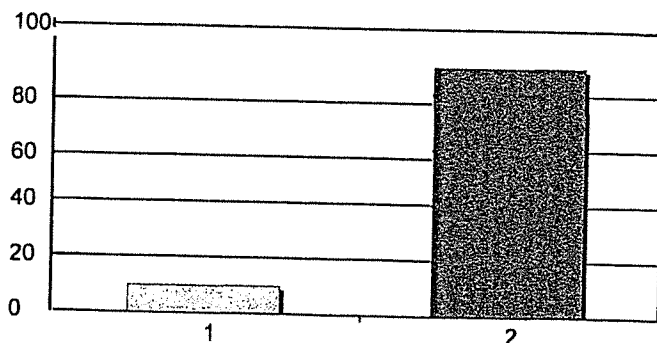
Mean: 1.85 Standard Deviation: 0.36

279 15%

1585 85%

1864

27. Lack of financial resources for: Medical care



1. Yes

2. No

Total Responses:

Mean: 1.90 Standard Deviation: 0.30

185 10%

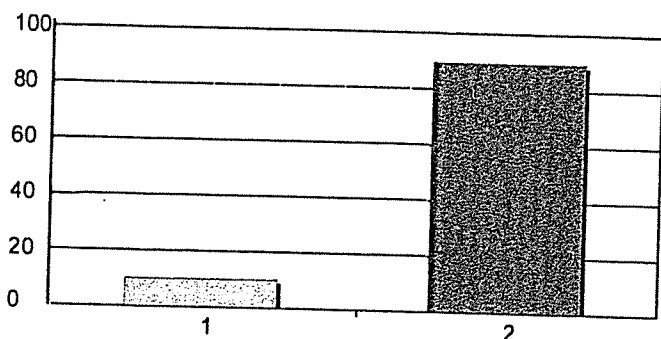
1673 90%

1858

Community Needs Assessment Results

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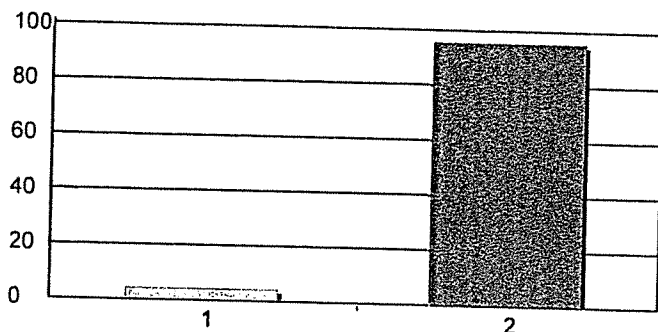
28. Lack of financial resources for: Medications



1. Yes
2. No
Total Responses:
Mean: 1.90 Standard Deviation: 0.30

189 10%
1664 90%
1853

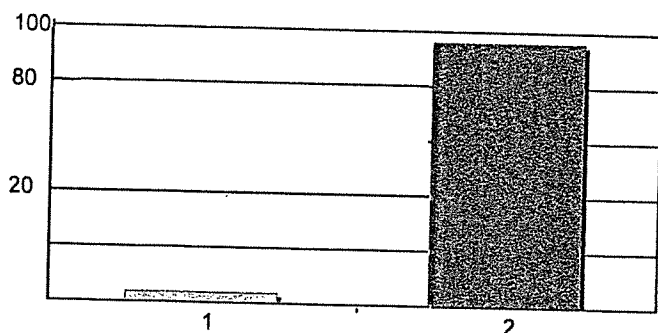
29. Lack transportationDental care



1. Yes
2. No
Total Responses:
Mean: 1.96 Standard Deviation: 0.21

82 4%
1774 96%
1856

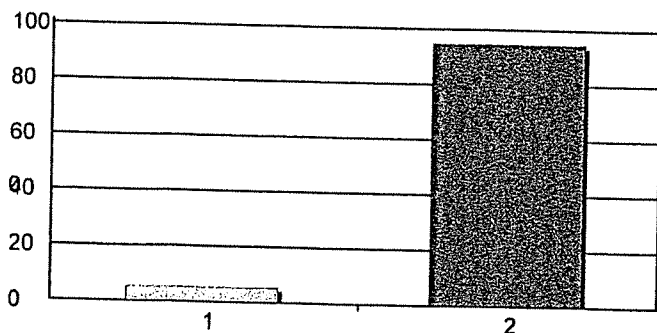
30. Lack transportation: Medical care



1. Yes
2. No
Total Responses:
Mean: 1.96 Standard Deviation: 0.19

72 4%
1781 96%
1853

31. Lack transportation: Medications



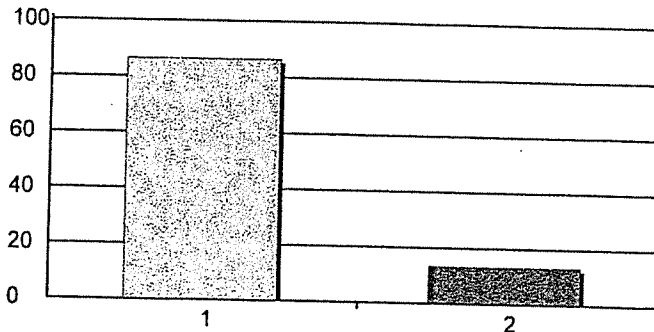
1. Yes
2. No
Total Responses:
Mean: 1.95 Standard Deviation: 0.22

96 5%
1734 95%
1830

Community Needs Assessment Results

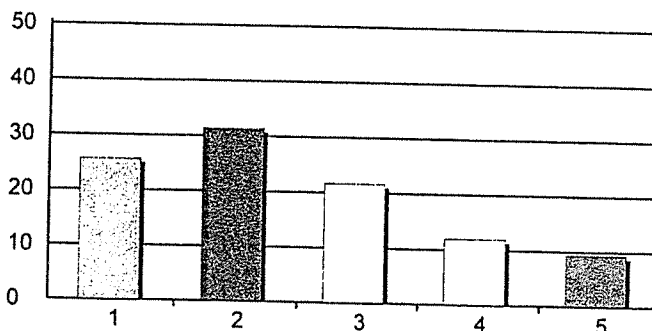
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32. Do you have access to **Healthy Foods** (fresh fruits & vegetables, lean meats, whole grain products, low fat milk products)



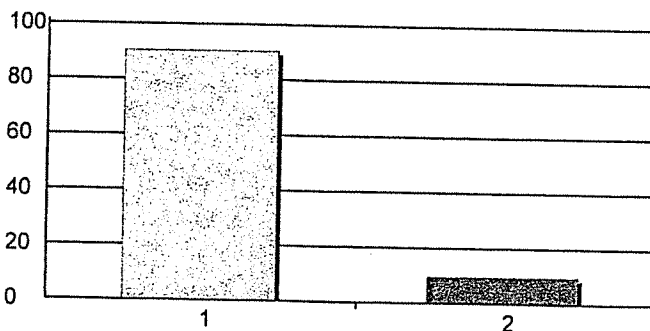
1. Yes 1510 86%
 2. No 236 14%
 Total Responses: 1746
 Mean: 1.14 Standard Deviation: 0.34

33. Mileage How far must you travel to access Healthy Foods?



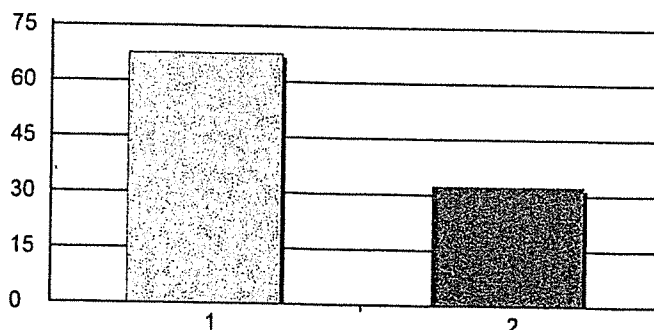
1. less than one mile 450 26%
 2. over one mile to three miles 550 31%
 3. over three miles to five miles 379 22%
 4. over five miles to ten miles 210 12%
 5. over ten miles 164 9%
 Total Responses: 1753
 Mean: 2.48 Standard Deviation: 1.25

34. Mileage Do you have access to information about your health issues?



1. Yes 1665 90%
 2. No 177 10%
 Total Responses: 1842
 Mean: 1.10 Standard Deviation: 0.29

35. Mileage Do you have access to Adult or Child Care?

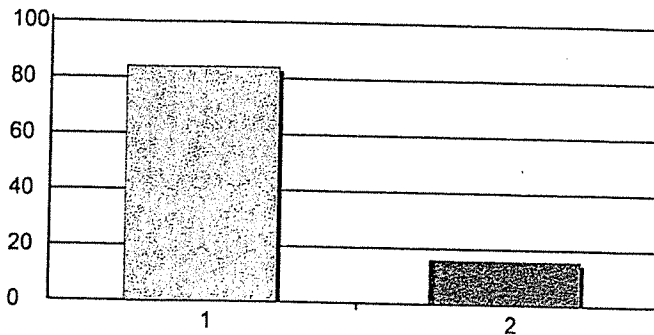


1. Yes 1181 68%
 2. No 566 32%
 Total Responses: 1747
 Mean: 1.32 Standard Deviation: 0.47

Community Needs Assessment Results

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36. Mileage Do you have access to facilities for physical activity?



1. Yes

1520 84%

2. No

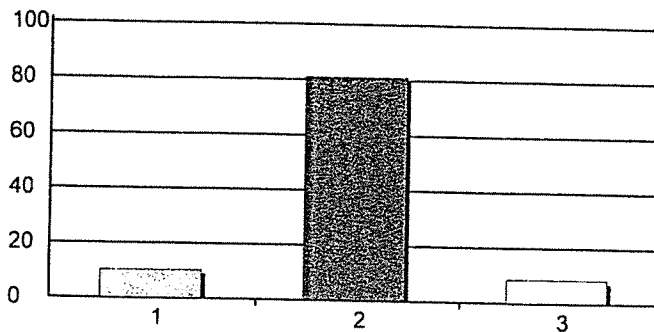
288 16%

Total Responses:

1808

Mean: 1.16 Standard Deviation: 0.37

37. Mileage Do you have a family history of:



1. suicide

59 10%

2. heart failure

463 81%

3. opioid use

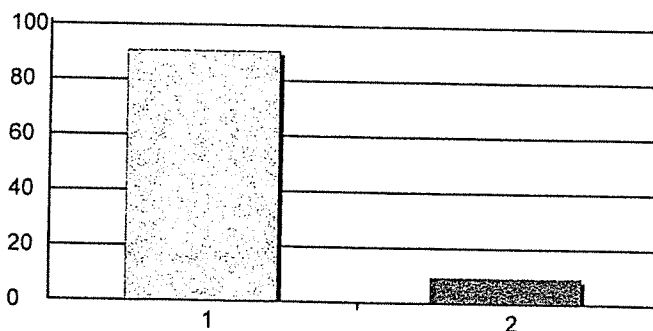
49 9%

Total Responses:

571

Mean: 1.98 Standard Deviation: 0.43

38. Mileage Have you or family member had COVID-19 vaccine?



1. Yes

1671 91%

2. No

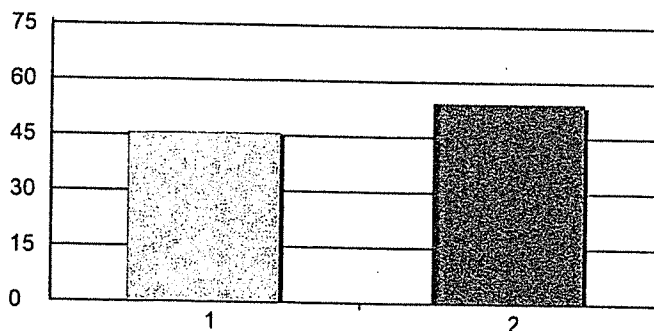
173 9%

Total Responses:

1844

Mean: 1.09 Standard Deviation: 0.29

39. Mileage Have you or family member had COVID-19?



1. Yes

844 46%

2. No

1004 54%

Total Responses:

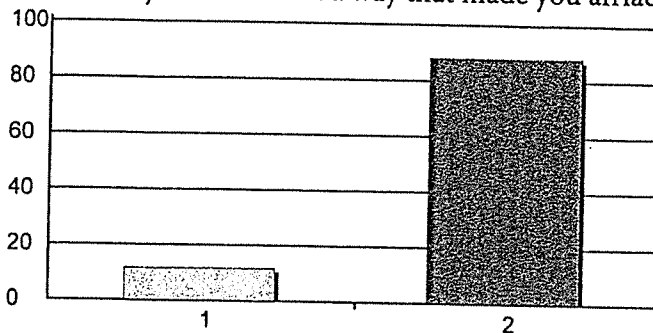
1848

Mean: 1.54 Standard Deviation: 0.50

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40. Mileage Did a parent or other adult in the household often swear at you, insult you, put you down, or humiliate you? OR act in a way that made you afraid that you might be physically harmed?



2. No

Total Responses:

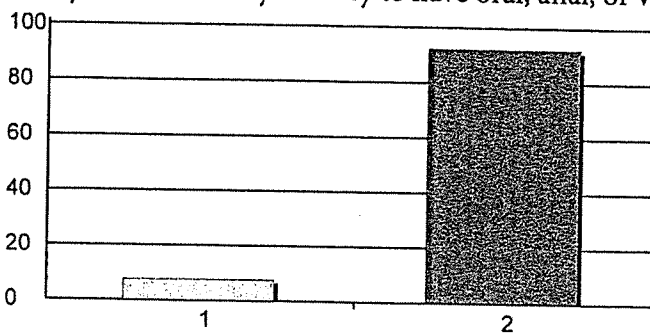
Mean: 1.88 Standard Deviation: 0.32

214 12%

1608 88%

1822

41. Mileage Did an adult or person at least 5 years older than you ever touch or fondle you or have you touch their body in a sexual way? OR try to have oral, anal, or vaginal sex with you?



2. No

Total Responses:

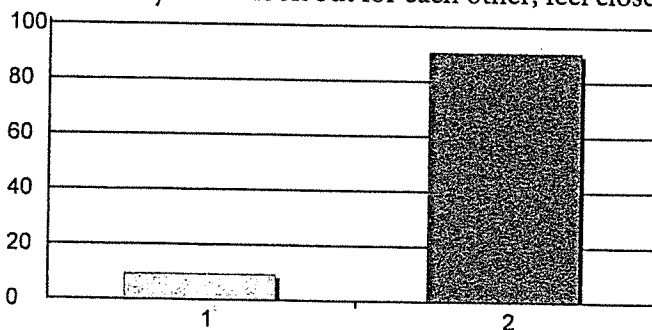
Mean: 1.92 Standard Deviation: 0.27

138 8%

1670 92%

1808

42. Mileage Did you often feel that no one in your family loved you or thought you were important or special? OR Your family didn't look out for each other, feel close to each other, or support each other?



2. No

Total Responses:

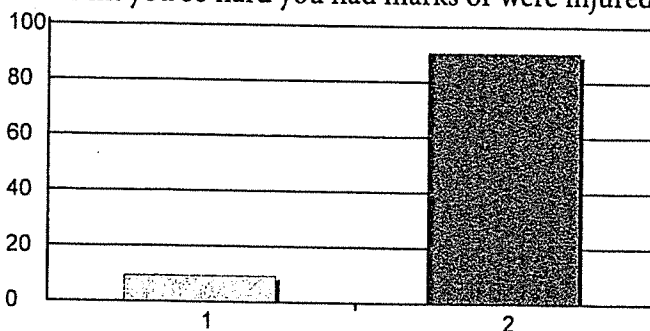
Mean: 1.91 Standard Deviation: 0.29

169 9%

1643 91%

1812

43. Mileage Did a parent or other adult in the household often push, grab, slap, or throw something at you? OR ever hit you so hard you had marks or were injured?



1. Yes

2. No

Total Responses:

Mean: 1.91 Standard Deviation: 0.29

170 9%

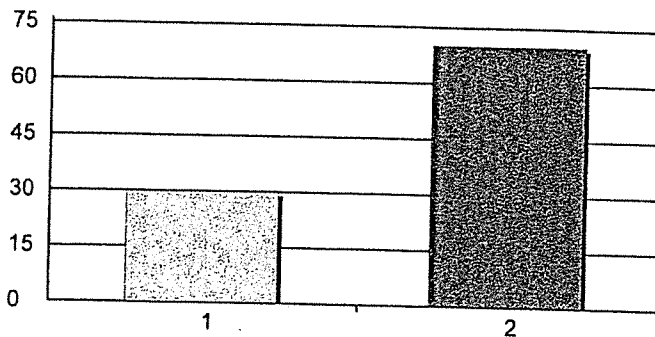
1641 91%

1811

Community Needs Assessment Results

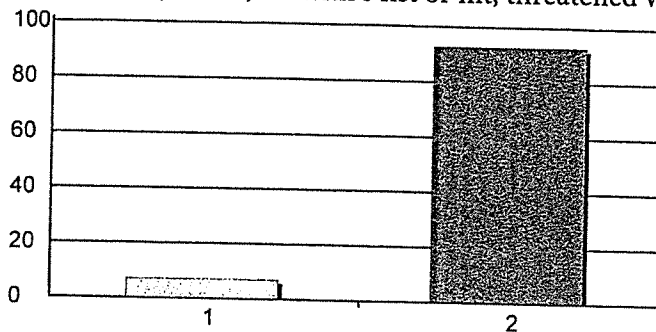
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44. Mileage Were your parents ever separated or divorced?



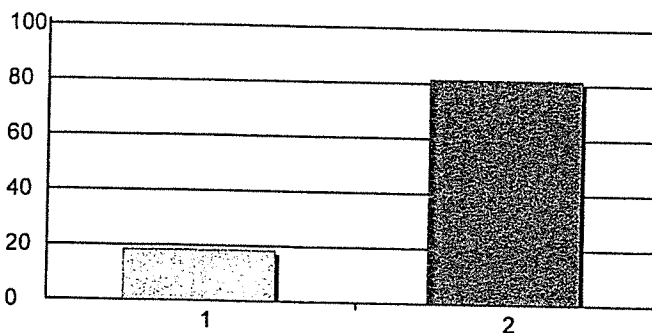
1. Yes 543 30%
 2. No 1276 70%
 Total Responses: 1819
 Mean: 1.70 Standard Deviation: 0.46

45. Mileage Was your mother or stepmother often pushed, grabbed, slapped, or had something thrown at her? Or kicked, bitten, hit with a fist or hit, threatened with a gun or knife?



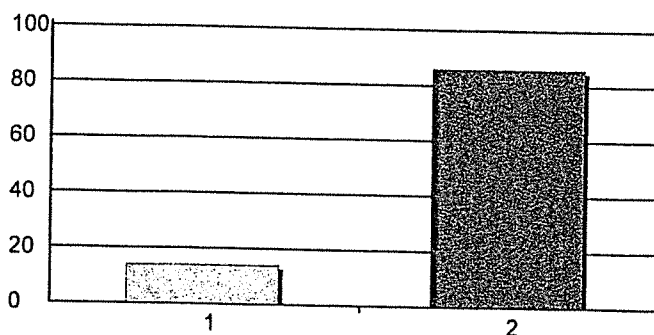
1. Yes 126 7%
 2. No 1660 93%
 Total Responses: 1786
 Mean: 1.93 Standard Deviation: 0.26

46. Mileage Did you live with anyone who was a problem drinker or alcoholic, or used street drugs?



1. Yes 328 18%
 2. No 1461 82%
 Total Responses: 1789
 Mean: 1.82 Standard Deviation: 0.39

47. Mileage Was a household member depressed or mentally ill or did a household member ever attempt suicide?

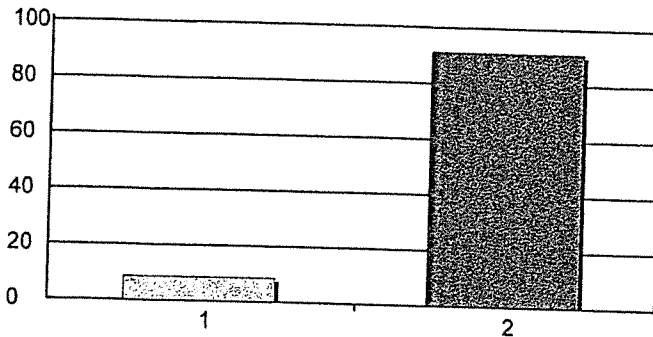


1. Yes 251 14%
 2. No 1547 86%
 Total Responses: 1798
 Mean: 1.86 Standard Deviation: 0.35

Community Needs Assessment Results

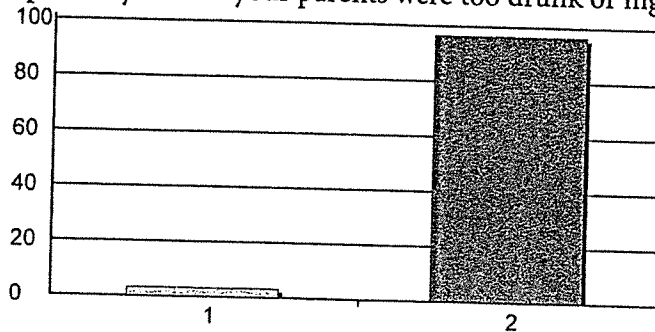
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48. Mileage Did a household member every go to prison?



1. Yes 156 9%
 2. No 1643 91%
 Total Responses: 1799
 Mean: 1.91 Standard Deviation: 0.28

49. Mileage Did you often feel that you did not have enough to eat, had to wear dirty clothes, or had no one to protect you? OR your parents were too drunk or high to take care of you or take you to the



1. Yes 58 3%
 2. No 1743 97%
 Total Responses: 1801
 Mean: 1.97 Standard Deviation: 0.18
 doctor?