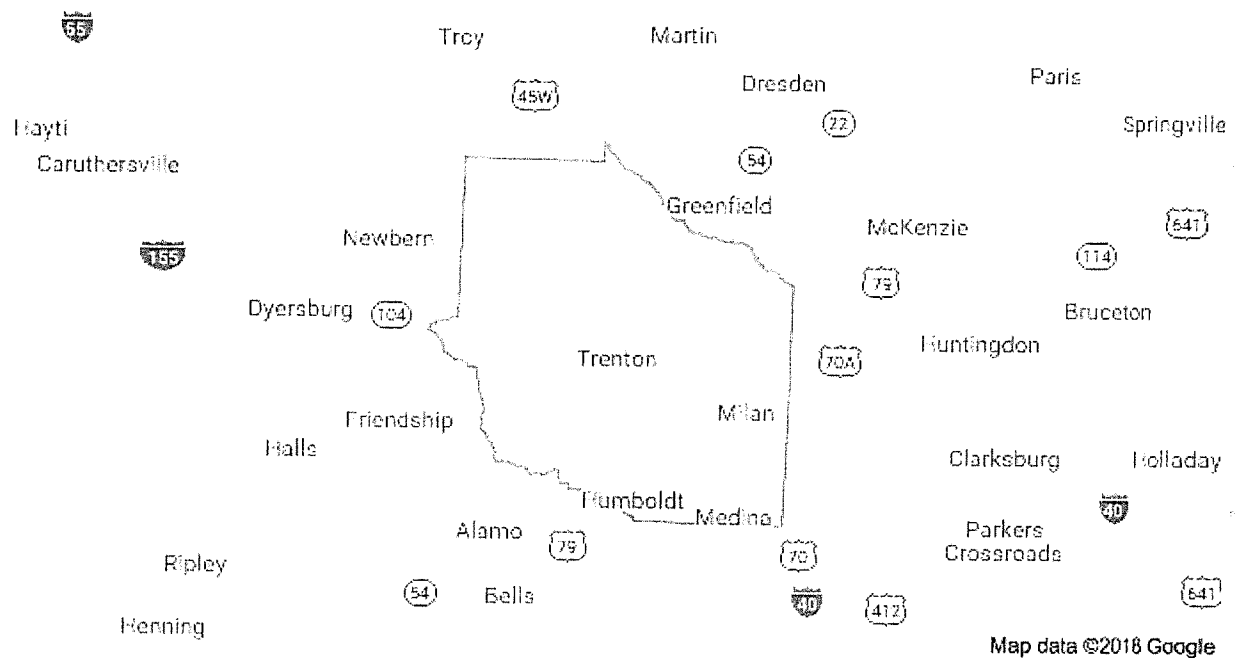


Community Health Needs Assessment

Gibson County, Tennessee



Conducted by:

Jackson-Madison County General Hospital

Department of Business Development and Planning

Dawn Harris and Victoria S. Lake

Update: September 2018

In fulfillment of the requirements of the Patient
Protection and Affordable Care Act Pub.L. No.111-148,
124 Stat. 119, enacted March 23, 2010

**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, required 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; and

WHEREAS, the Board finds that the Assessments substantially meet the requirements of the of the Patient Protection and Affordable Care Act and the IRS rules and regulations as amended, 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 30th day of October, 2018.

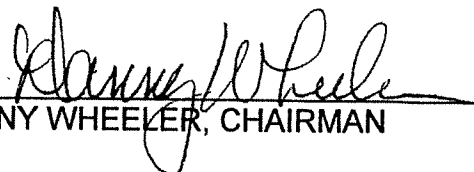

DANNY WHEELER, CHAIRMAN

Exhibit 02

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Attachment B	Health Council Brochure and Minutes

Gibson County Community Health Needs Assessment
2018 Update

Executive Summary

Under the leadership of Jackson-Madison County General Hospital a community health needs assessment of Gibson County, Tennessee was conducted. This was completed in fulfillment of the requirements of the Patient Protection and Affordable Care Act Pub.L. No.111-148, 124 Stat. 119, enacted March 23, 2010. The community health needs assessment update process was a blending of Gibson County Health Council top health priorities and implementation strategies, and secondary data on the actual extent of particular health issues.

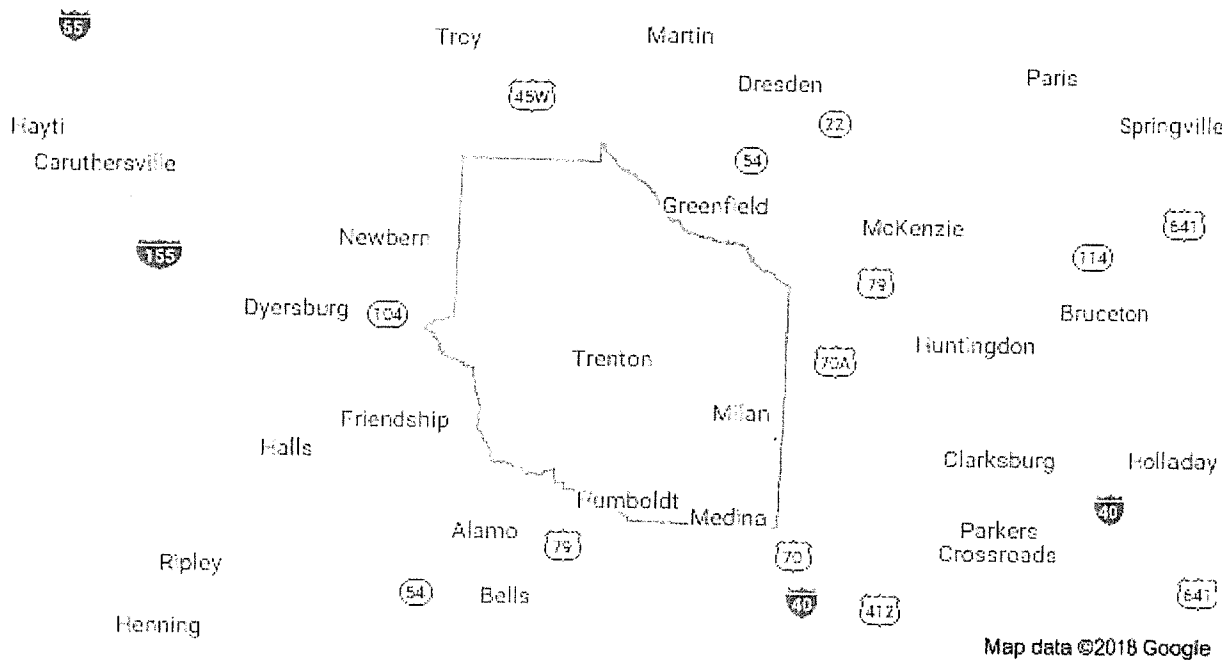
The mission of the Community Health Needs Assessment is to evaluate and improve the health status and wellbeing of the residents of Gibson County, Tennessee with an emphasis on preventive measures.

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, Behavioral Health County and Region Services Data Book, NIBRS, TN PRISM, Traumatic Brain Injury Program, and the National Institute of Mental Health. The second step in the Community Health Needs Assessment Update process consisted of reviewing priorities and implementation strategies developed by the Gibson County Health Council.

The Gibson County Health Council identified three priority health issues: Obesity/ Physical Inactivity, Infant Mortality / Teen Pregnancy, and Chronic Illness Awareness & Education. Several goals, objectives, and implementation strategies were identified to address these health issues that emphasize screenings, education and collaboration with other community agencies with the purpose of easing the burden of health disparity for the Gibson County community.

Community Health Needs Assessment

Gibson County, Tennessee



Conducted by:

Jackson-Madison County General Hospital

Department of Business Development and Planning

Dawn Harris and Victoria S. Lake

Update: September 2018

In fulfillment of the requirements of the Patient
Protection and Affordable Care Act Pub.L. No.111-148,
124 Stat. 119, enacted March 23, 2010

Introduction

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

The community health needs assessment update process was a blending of Gibson County Health Council top health priorities and implementation strategies, and secondary data on the actual extent of particular health issues.

Description of the Hospital and Community

Milan General Hospital is licensed for 70 acute beds and was acquired by the Jackson-Madison County General Hospital District in 1997. The hospital is a member of the American Hospital Association, the Tennessee Hospital Association, and is accredited by The Joint Commission and has been approved by the U.S. Department of Health and Human Services for participation in Medicare and Medicaid Programs. The service area is Gibson County, Tennessee.

Located in Milan, Tennessee, the Hospital provides general medical, outpatient rehabilitation services, general surgery, internal medicine, a medical/surgical nursing unit, a critical care 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 and 12 swing beds.

The designated “community” for the needs assessment is Gibson County, Tennessee. The 2017 population is 49,111 and is comprised of 78.5 percent Caucasian, 18.3 percent African American, and 3.2 percent Other races. According to the Tennessee Department of Economic &

Community Development (2018), 18.7 percent of the population is below the Federal poverty level. The personal income per capita is \$36,898. The population under 65 years of age represents 82.3 percent while the over age 65 population is 17.7 percent. The high school graduation rate is 94.2 percent; 26.6 percent have an Associate Degree or higher and 19.8 percent have a Bachelor Degree or higher.

Gibson County has a wide range of industries that employ individuals living in and around the county. Advanced manufacturing and healthcare are the county's key industries followed by government and retail. The top employers of Gibson County are Gibson County School District (550 employees), AADG (400 employees), County of Gibson (292 employees), Milan Special School District (275 employees), Wal Mart Store #120 (250 employees), Winfrey Center Developmentally Disabled & Special Needs Services & Products (250 employees), Humboldt City Schools (213 employees), Maclean Power Tennessee a leading manufacturer of products used by utilities for building transmission and distribution lines and substations (213 employees), Save-A-Lot Distribution Center (212 employees), and Dana Corporation an American worldwide supplier of drivetrain, sealing, and thermal-management technologies (174 employees).

The county seat of Gibson County is Trenton, Tennessee. The county has five special school districts: Humboldt City Schools (1,008 students), Milan Special School District (1,894 students), Trenton Special School District (1,265 students), Gibson County Schools (3,890 students), and Bradford Special School District (496 students).

Description of the Community Health Needs Assessment Survey Process

The mission of the Community Health Needs Assessment is to evaluate and improve the health status and wellbeing of the residents of Gibson County, Tennessee with an emphasis on preventive measures.

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, Behavioral Health County and Region Services Data Book, NIBRS, TN PRISM, Traumatic Brain Injury Program, and the National Institute of Mental Health. This data is presented in **Appendix A**.

The second step in the Community Health Needs Assessment Update process consisted of reviewing priorities and implementation strategies developed by the Gibson County Health Council. A Health Council brochure, meeting minutes, and a cross section of implementation program brochures are in **Appendix B**. The final stage consisted of reviewing the two sets of data and final report production.

Gibson County Health Council

The Gibson County Health Council is organized under the auspices of the State of Tennessee Department of Health, and is composed of community members who represent diverse spectrums of Gibson County as well as staff from the local and regional health departments.

The Gibson County Health Council is comprised of representatives from area agencies, faith and community-based organizations; schools; colleges; universities; local government; health care providers; businesses; as well as other individuals who work collectively to improve health outcomes in the count. The council's goals are accomplished through regular meetings, strategic planning, identification of resources, and the work of subcommittees that focus on specific health issues. The Health Council is open to individuals, organizations, faith based groups, businesses, and local government (Health Council brochure, 2018).

Members of the Gibson County Health Council include:

Doug Lockard, Chair

Mary Duncan

Barbara Berry

Rhonda Casey

Sandra Presson

Laquita Clark

Jesse Willhoit

Steve Smith

Libby Wickersham

The Gibson County Health Council meets on a quarterly basis to develop and implement strategies to address the health priorities of the county. The Council goes through a structured process to select county priorities and adopt strategies to improving health outcomes. Priorities are selected for a period of 2 - 3 years with the last priority selection occurring in the spring of 2017. Through this process, the Gibson County Health Council identified three priority health issues:

1. Obesity/ Physical Inactivity
2. Infant Mortality / Teen Pregnancy
3. Chronic Illness Awareness & Education

Implementation Strategies

Several goals, objectives, and implementation strategies were identified to address the three health issues selected. The strategies emphasize screenings, education and collaboration with other community agencies.

Obesity/ Physical Inactivity

Milan General Hospital is collaborating with the ACHIEVE Program of the Milan YMCA. The ACHIEVE program is a collaborative model that brings together community agencies to work together to define a healthier community.

Infant Mortality / Teen Pregnancy

Gibson County teen pregnancy trends for females ages 10-17 show a reduction from 26 pregnancies in 2012 to 6 pregnancies in 2016. Gibson County has worked to reduce the numbers of teen pregnancy in Gibson County through a coordinated effort with community partners. Gibson County will continue to work on this important health issue.

Chronic Illness Awareness & Education

Milan General Hospital is addressing chronic illness awareness and education using a threefold approach. First, it offers screenings throughout the county at local events and health fairs.

Blood pressure screenings are offered at industry health fairs, church health fairs, non-profit community agency health fairs, school health fairs, and community events such as the TeaPot Festival, Healthy Kids Day at the YMCA, and in-service days for the local school system. Second, free blood pressure checks are offered at the emergency rooms 24 hours a day/7 days a week free of charge. The free availability at any time of day or night of blood pressure screenings supervised by a health professional in a hospital setting is a major preventive strategy.

Third, Milan General has collaborated with the Jackson-Madison County General Hospital for a strategy to address has developed a strategy for addressing heart conditions and high blood pressure that focuses on early detection, risk assessment screening, consultation, referral to physician or healthcare professional, and development of an individualized program plan. This strategy is called HealthAware.

HealthAware creates a transformational experience that compels unknowing victims of heart disease or hypertension to change behavior and commit to extend their health and lives.

Participation in HealthAware is a five phase experience:

1. Outreach & Marketing
2. High-risk Patient Enrollment
3. Nurse Consultation
4. Triage
5. Intervention

HealthAware assesses the public, individual by individual, making them conscious of their risk for heart disease or hypertension. From the assessment a determination is made on the need to engage the participant's primary care physician. Goals are set to modify controllable risks. HealthAware provides an opportunity to treat the disease (as an episode) before an uncontrolled, catastrophic event occurs. Through HealthAware, Milan General Hospital in collaboration with Jackson-Madison County General Hospital is a resource for wellness not just sickness. Figure 1 contains an example of a personalized risk assessment report from the

HeartAware Program. The risk assessment shown in **Figure 1**, indicates the low, medium, high, or critical rating for cardiac risk factors of smoking, weight, blood pressure, cholesterol, diabetes, and family history. After the risk assessment is completed a risk assessment report is generated. When risk is determined, lab work and a nurse consultation are scheduled. A page from the consultation report reviewed by a nurse is shown in **Figure 2**.

Figure 1: Sample Assessment

Risk Assessment Report

(Available to everyone that takes the online assessment)

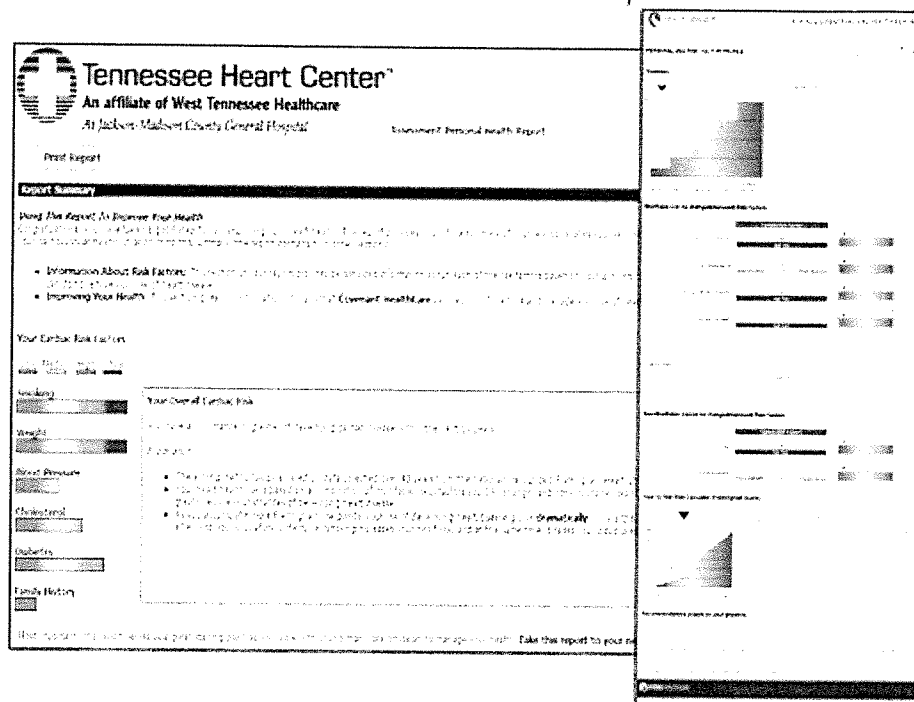
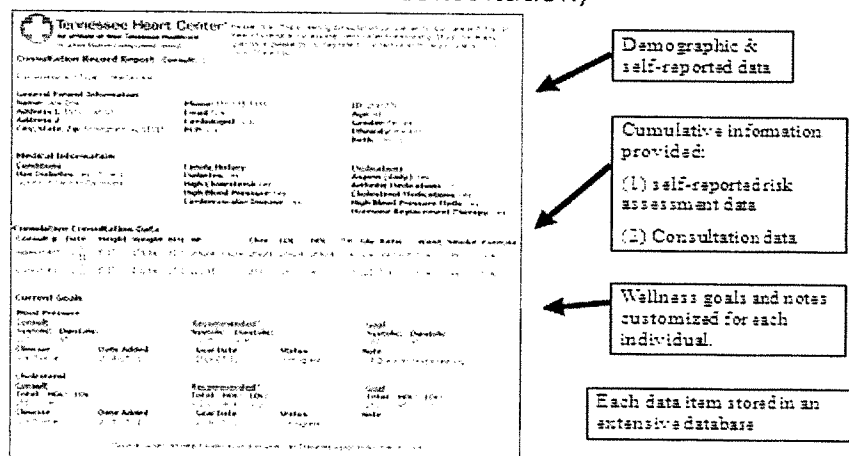


Figure 2: Sample Report

Consultation Report

(Available to everyone that comes in for a consultation)



The Tennessee Heart and Vascular Center at Jackson-Madison County General Hospital has developed proactive assessment processes for identifying individuals in the community at risk of heart disease and stroke. Milan General Hospital works with Jackson-Madison County General Hospital to implement this proactive assessment process in Gibson County.

HeartAware and StrokeAware are free online or paper risk assessments that can be completed by an individual either through the West Tennessee Healthcare website, www.wth.org, or at a community event or health fair. Completing HeartAware or StrokeAware takes five to seven minutes. Persons age 34 or younger who present with four risk factors and persons over the age of 35 who present with two risk factors are eligible for free lab work including glucose and cholesterol blood tests and a one hour consultation with a registered nurse. Risk factors include age, gender, presence of diabetes, weight, physical activity, presence of high blood pressure, cholesterol, family history and tobacco use. A free personalized risk factor profile is created for each person completing the risk assessment.

During the free follow-up consultation with a registered nurse, lab test results are reviewed with the individual. Height, weight, blood pressure, waist circumference, and body mass index are taken. The Clinical Information Management System (CIMS) program is utilized, which includes demographics, medical history with an emphasis on cardiovascular data, family history, and lifestyle information. Symptoms, past and present, are addressed. When a patient presents with particular vascular concerns, an Ankle Brachial Index (ABI) doppler assessment may be performed.

A Consultation Record Report is made by the nurse that includes a discussion of alternatives, medical information, and lifestyle choices for an individualized plan of intervention. Education consists of setting goals with the individual and encouraging further discussion with a primary care physician. When no existing relationship is available, individuals are provided information on clinics, health providers, and the public health department; although no certain individual or group is recommended. Further educational components include verbal instruction, written

materials, online resources, and open discussion. Most appointments last one hour. The patient receives the contact number for the Aware office. A follow-up call is made close to one month past the appointment to assess progress towards specific goals.

HeartAware and StrokeAware are utilized extensively at health fairs, church events, in conjunction with the Mature Advantage Club, and events throughout Gibson County. Industry, employee wellness, and physician offices are also sites for conducting these risk assessments. Attachment G contains complete examples of personalized risk profiles and lab results for HeartAware and StrokeAware.

The Tennessee Heart and Vascular Center provides numerous blood pressure checks and access to HeartAware throughout the community especially during Heart Month each February.

Conclusion

The Gibson County Community Health Needs Assessment was presented to the West Tennessee Healthcare Quality Council on October 2, 2018. The document was approved for submission to the West Tennessee Healthcare Board of Trustees. A presentation was made to the Board of Trustees on October 30, 2018, and the Gibson County Community Health Needs Assessment was approved on this date. The Assessment will be updated in three years as stipulated in the Patient Protection and Affordable Care Act Pub.L. No.111-148, 124 Stat. 119, enacted March 23, 2010.

GIBSON COUNTY 2018

Gibson County Community Health Assessment

Health Issue Prevalence Data

September 2018

Allergies

- * 1 in 5 Americans suffer from all types of allergies.
- * Allergies are increasing. They affect up to 30% of adults and 40% of children.
- * Allergies are the 6th leading cause of chronic illness in the U.S.
- * 10% of U.S. children have respiratory allergies.
- * Up to 10% of people report being allergic to penicillin.
- * People visit the emergency room 200,000 times each year because of food allergies.
- * 8.8 million children in the U.S. have skin allergies.

Source: Better Tennessee Health Brief, 2018.

Arthritis, Rheumatoid Arthritis, Gout, Lupus, or Fibromyalgia

Have you ever been told by a doctor, nurse, or other health care professional that you had Arthritis, Rheumatoid Arthritis, Gout, Lupus, or Fibromyalgia? (percent)

	Northwest	TN
2016	no data	31
2015	no data	32
2014	no data	32.6
2013	27.3	26.4
2012	35.6	29.8
2011	26.4	25.9
2009	29.3	25.9
2007	37.0	34.0
2005	36.0	29.7

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.

Tennessee	2011	2013
Adults with Arthritis	1,250,000	160,000
Adults limited by arthritis	594,000	68,000
Percent with arthritis	26	25
Percent women/men with arthritis	31/21	27/23
Percent age 18-44 with arthritis	10	8
Percent age 45-64 with arthritis	34	32
Percent age 65 and older with arthritis	50	52

GIBSON COUNTY 2018

Percent with arthritis who are inactive			55	33	
Percent arthritis among adults with diabetes			53	49	
Percent arthritis among adults with hypertension			42	42	
Percent arthritis among adults who are obese			37	34	
<u>Source:</u> Centers for Disease Control and Prevention.					

Asthma

Have you ever been told by a doctor, nurse, or other health care professional that you had asthma? (percent)

	Northwest	TN
2016	no data	16.1
2015	no data	14.5
2014	no data	14.4
2013	7.3	11.3
2012	13.5	11.0
2011	8.8	10.4
2010	6.5	9.3
2009	14.6	11.9
2008	16.6	12.6
2007	13.4	12.4
2006	10.3	11.7
2005	17.2	11.6

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.

2002-2007 childhood hospitalizations for Asthma Ages 10-17 Northwest TN

Inpatient hospitalizations per 100,000	200
Emergency Room visits per 100,000	828
Average inpatient charges per stay	\$5,845
Average Outpatient charge per visit	\$800

Asthma in Tennessee:

* In 2010, asthma prevalence was 6 percent in adults and 9.5 percent in children.

* Adult asthma prevalence increased with decreasing income and education.

* In 2010, there were 7,059 inpatient hospitalization in Tennessee for a primary diagnosis of asthma and the age-adjusted rate was 109/100,000.

* In 2010, the length of stay for inpatient asthma hospitalizations ranged from 0-52 days with a mean of 3.4 days and a median of 3 days.

* In 2010, there were 37,462 ED visits with an age adjusted rate of 612/100,000.

* Hospital charges for a primary asthma diagnosis totaled \$178.8 million in 2010.

GIBSON COUNTY 2018

* Almost two-thirds of asthma charges (\$111.6 million) were for inpatient hospitalizations and \$65.2 million for outpatient hospital visits.

* In 2010 66 Tennesseans died due to an underlying diagnosis of asthma and there were 174 deaths for which asthma was listed as any cause of death.

Source: Tennessee Department of Health Division of Policy, Planning & Assessment Surveillance, Epidemiology and Evaluation, 2012.

Source: Tennessee Department of Health.

Cancer

Deaths from Malignant Neoplasms Per 100,000

	Gibson County			TN		
	Total	White	Black	Total	White	Black
2016	248.9	257.1	243.1	217.5	235.1	178
2015	277.3	264.2	341.9	214.8	229.5	170.4
2014	264.8	269.6	249.9	216.1	231.8	182.4
2013	238.6	249.1	207.4	214.5	231.0	176.4
2012	255.9	268.4	227.5	211.2	226.5	176.3
2011	298.4	312.7	265.5	210.2	224.6	180.1
2010	295.9	297.5	331.9	212.9	234.6	178.9
2009	303.3	319.4	248.0	216.2	226.9	183.5

Rates of SKIN Cancer

Rates of OTHER Cancer

	TN			TN	
	Total			Total	
2016	7.4		2016	6.5	
2015	7.5		2015	6.8	
2014	6.8		2014	7.4	

Source: Tennessee Department of Health Division of Policy, Planning, and Assessment.

Source: Tennessee Department of Health.

Child Abuse

Number and rate of substantiated child abuse/neglect cases under age 18 and rate per 1,000 age 0-18

	Gibson County		TN
	Number	Rate	
Cy2013	62/5.2		4.9
Cy2012	96/7.9		4.9
Cy2011	41/3.4		4.8

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Source: Tennessee Department of Mental Health and Substance Abuse Services.

Source: Tennessee Behavioral Health County Data Book 2014.

Child Abuse & Neglect in Tennessee

	Gibson County	TN
2012	4.5	4.9
2010	4.0	5.5
2009	3.9	7.0
2008	4.3	8.4
2007	4.6	11.6
2006	8.8	11.7

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

COPD, Emphysema, or Chronic Bronchitis

Have you ever been told by a doctor, nurse, or other health care professional that you had COPD, Emphysema, or Chronic Bronchitis? (percent)

	TN
2016	10.1
2015	9.6
2014	10.7

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.

Dementia/Alzheimer's Disease

Deaths from Alzheimer's per 100,000

	Gibson County				TN		
	Total	White	Black		Total	White	Black
2013	89.0	99.1	54.6		38.9	44.8	19.5

Source: Tennessee Department of Health.

* Alzheimer's disease is an irreversible, progressive brain disorder that slowly destroys memory and thinking skills and, eventually, the ability to carry out the simplest tasks.

GIBSON COUNTY 2018

* Alzheimer's disease is currently ranked as the sixth leading cause of death in the United States, but recent estimates indicate that the disorder may rank third, just behind heart disease and cancer, as a cause of death for older people.

* Over 5 million Americans are living with Alzheimer's Disease 110,000 in Tennessee.

* By 2050, this number is projected to rise to 14 million people, a nearly three-fold increase.

* Tennessee in 2014: 16,000 adults ages 65-74 living with Alzheimer's.

* Tennessee in 2014: 47,000 adults ages 75-84 living with Alzheimer's.

* Tennessee in 2014: 41,000 adults ages 85+ living with Alzheimer's.

Source: Tennessee Department of Health; National Institute on Aging; Centers for Disease Control and Prevention.

Dental Care

Have you visited a dentist, dental hygienist or dental clinic within the past year? (percent)

	TN
2016	59.1
2015	58.5
2014	58.3

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.

* TennCare dental benefits are only provided to minors and orthodontists are not typically covered.

* Stigma and shame associated with accessing dental care.

* Low socioeconomic groups, minorities, and those living in fluoride deficient communities are at a high risk for oral disease and are the least likely to be able to access dental care.

Diabetes

Deaths from Diabetes per 100,000

	Gibson County			TN		
	Total	White	Black	Total	White	Black
2016	22.3	22.9	22.1	28.4	27.5	37.3
2015	28.3	25.4	44.1	27.1	26.6	32.8
2014	32.3	30.5	43.5	26.3	25.8	33.5
2013	28.3	20.3	65.5	27.9	27.1	36.8
2012	44.3	38.0	75.8	28.2	27.4	36.7
2011	44.1	42.9	53.1	27.1	26.3	35.7
2010	42.3	33.3	85.7	26.4	26.4	35.0
2009	45.1	43.8	51.7	28.2	26.8	37.7

GIBSON COUNTY 2018

Source: Tennessee Department of Health Division of Policy, Planning, and Assessment.

Source: Tennessee Department of Health.

Have you ever been told by a doctor that you have diabetes, not including gestational diabetes? (percent)

	Northwest	TN
2016	no data	12.7
2015	no data	12.7
2014	no data	13
2013	21.4	12.2
2012	13.2	11.9
2011	12.8	11.2
2010	11.1	11.3
2009	12.2	10.3
2008	11.6	10.4
2007	12.3	11.9
2006	12.2	10.7
2005	10.9	9.1

Have you ever been told that diabetes has affected your eyes or that you have retinopathy? (percent)

	Northwest	TN
2013	37.2	16.8
2012	29.7	22.8
2011	32.9	21.7
2010	11.1	25.7
2009	12.2	27.4
2008	11.6	21.0
2007	12.3	25.9
2006	12.2	18.6
2005	10.9	20.1

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.

Percentage of Population Diagnosed with Diabetes

	Gibson County	TN
2018	14	13
2017	13	13
2016	13	12
2015	12	12

GIBSON COUNTY 2018

2014		12			11			
2013		12			11			
2012		12			11			
2011		13			11			

Source: County Health Rankings and Roadmaps 2016-2018.

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

Financial Resources

Was there a time in the past 12 months when you needed to see a doctor but could not because of cost? (percent)

		Northwest		TN				
2016		no data		12.4				
2015		no data		15.5				
2014		no data		15.5				
2013		22.9		17.6				
2012		26.0		19.2				
2011		16.9		20.9				
2010		17.4		17.7				
2009		25.2		17.5				
2008		17.5		15.9				
2007		17.8		16.5				
2006		15.7		14.8				
2005		10.0		13.3				

Individuals under 18 in poverty

		Region 6		TN				
2017		27.6		25.5				
2016		27		26				
2015		27		27				
2014		27		26				
2013		27		27				
2012		27		26				
2011		22		22				
2010		25		23				

Source: 2017 Tennessee Behavioral Health County and Region Services Data Book.

Uninsured Adults-Percent Population Under Age 65 without health insurance

GIBSON COUNTY 2018

		Gibson County		TN			
2018		14		15			
2017		16		17			
2016		20		20			
2015		15		16			
2014		20		21			
2013		20		21			
2012		21		20			
2011		17		19			
2010		15		15			
Percent Children Living in Single-Parent households							
		Gibson County		TN			
2016		36		36			
2015		33		36			
2014		34		36			
2013		34		35			
2012		38		35			
2011		36		34			
<u>Source:</u> County Health Rankings and Roadmaps 2014-2016.							
<u>Source:</u> Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.							
<u>Source:</u> Tennessee Department of Health. Behavioral Risk Factor Surveillance System.							
All People in Poverty-Percent							
		Gibson County		TN			
2017		18.7		17.6			
2010-2014		19.5		18.3			
2009-2013		18.7		17.6			
<u>Source:</u> 2017 Tennessee Behavioral Health County and Region Services Data Book.							
<u>Source:</u> County and City Quick Facts.							
Unemployment							
		Gibson County		TN			
2018		6		4.8			
2017		7.6		5.8			
2016		9		6.7			
16-Jul		6.1		4.9			
Oct-14		9.4		7.1			
Sep-14		9.8		7.3			
Oct-13		12.4		8.1			

GIBSON COUNTY 2018

Source: County Health Rankings and Roadmaps 2016-2018.

Source: Tennessee Department of Labor & Workforce Development.

Heart Conditions

Death from Diseases of the Heart Per 100,000

Rate

	Gibson County			TN		
	Total	White	Black	Total	White	Black
2016	400.7	414.9	375.8	232.1	249.9	196.8
2015	313.7	327.7	231.6	237.5	252.8	190.1
2014	357.7	386.7	271.7	232.0	250.8	189.3
2013	321.5	358.4	185.6	226.7	245.1	183.1
2012	330.4	357.0	238.3	220.6	241.2	165.2
2011	334.4	353.1	286.8	221.0	239.7	175.3
2010	364.3	389.9	310.5	228.3	254.0	181.8
2009	313.6	306.5	351.3	228.0	241.1	185.8

Source: Tennessee Department of Health Division of Policy, Planning, and Assessment.

Source: Tennessee Department of Health.

Has a doctor, nurse, or other health professional ever told you that you had a heart attack or myocardial infarction? (percent)

	Northwest	TN
2016	no data	5.6
2015	no data	6
2014	no data	5.7
2013	8.8	6.9
2012	6.8	6.7
2011	7.3	5.2

Has a doctor, nurse, or other health professional ever told you that you had angina or coronary heart disease? (percent)

	Northwest	TN
2016	no data	5.4
2015	no data	4.9
2014	no data	5.6
2013	7	6.3
2012	8.5	7.2
2011	7.7	5.0

GIBSON COUNTY 2018

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.								
High Blood Pressure								
Deaths from Cerebrovascular Disease per 100,000								
		Gibson County				TN		
		Total	White	Black		Total	White	Black
2016		76.9	91.6	22.1		52.8	55.1	52.6
2015		95.1	81.3	154.4		52.2	53.9	49.8
2014		84.9	83.9	97.8		50.7	53.1	48.4
2013		84.9	68.6	163.7		48.1	50.5	45.8
2012		106.8	103.8	130.0		46.3	48.6	42.9
2011		86.1	85.8	95.6		50.1	52.8	46.2
2010		90.6	102.6	53.5		50.1	54.3	45.6
2009		94.3	95.3	93.0		50.6	51.9	48.2
High Blood Pressure								
Source: Tennessee Department of Health Division of Policy, Planning, and Assessment								
Source: Tennessee Department of Health.								
Have you ever been told by a doctor, nurse or other health professional that you have high blood pressure? (percent)								
		Northwest				TN		
2016		no data				41.8		
2015		no data				38.5		
2013		46.9				38.8		
2012		39.8				39.7		
2011		41.9				38.7		
2010		46.3				35.4		
2009		39.3				32.6		
2007		39.1				33.8		
2005		39.6				30.2		
Are you currently taking medicine for your high blood pressure? (percent)								
		Northwest				TN		
2016		no data				84.55		
2013		82.3				83.9		
2012		78.0				80.0		
2011		84.2				78.3		
2010		86.0				85.6		
2009		85.7				81.8		
2007		86.1				84.0		
2005		81.5				83.4		

GIBSON COUNTY 2018

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.

Influenza in rural West Tennessee

Sentinel Provider Influenza-Like Illness Surveillance Data

	# Patients
2017	28

Source: Tennessee Department of Health Sentinel Provider Influenza-like Illness Surveillance Summary.

Mental Illness

* Mental illness affected 1 in 5 adults in the United States in 2016.

* 18.3 percent or 44.7 million Americans age 18 and older suffer from a diagnosed mental illness.

* 10.4 million age 18+ or 4.2 percent of the population live with a serious, persistent mental illness. Of those, 6.7 percent received treatment.

* 51.5 percent of 18-25 year olds received treatment; 66.1 percent of 26-49 year olds received treatment; 71.5 percent of 50+ received treatment.

* Major depression disorder 6.7 percent of adults had an episode in 2016.

* Bi-polar disorder 2.8 percent of adults.

* Schizophrenia has a prevalence of 0.25-0.64 percent.

* Schizophrenia is one of the top 15 leading causes of disability worldwide.

* Panic disorder 2.7 percent of adults.

* Post traumatic stress disorder 3.6 percent of adults.

Source: National Institute of Mental Health (2018).

Average Number of Mentally Unhealthy Days Reported in Last 30 Days

	Gibson County	TN
2018	5.0	4.5
2017	4.8	4.4
2016	4.7	4.9

Source: County Health Rankings and Road Maps 2016-2018.

Estimated number and percent of people over the age of 18 with serious mental illness in the past year.

TN

Percent

GIBSON COUNTY 2018

2015-2016	5						
2014-2015	4.4						
2013-2014	4.7						
Estimated number and percent of people over the age of 18 with any mental illness in the past year							
		TN					
		Percent					
2015-2016	19.6						
2014-2015	19.9						
2013-2014	20.4						
<u>Source:</u> Behavioral Health Indicators for Tennessee and the United States 2018 Data Book.							
Number of behavioral health safety net (BHSN) enrollments and and enrollments as a percentage of people over age 18 with a serious mental illness							
		Gibson County		TN			
		#	Percent	Percent			
2017		298	4.5	3.4			
2016		305	4.6	3.5			
2015		109	2.3	4.0			
<u>Source:</u> TN.gov Behavioral Health Safety Net Fast Facts 2015-2017.							
Obesity							
Percent of Adults who have a body mass index greater than 25-overweight or obese							
		Gibson County		TN			
2018		35		32			
2017		32		32			
2016		31		32			
2015		34		32			
2014		37		32			
2013		37		32			
2012		37		32			
2011		34		31			
2010		30		31			
<u>Source:</u> County Health Rankings and Road Maps 2016-2018							

GIBSON COUNTY 2018

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

Adults who have a body mass index greater than 30-obese

(percent)

	Northwest	TN
2013	31.8	33.7
2012	no data	31.1
2011	30.1	29.2
2010	38.5	31.7

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.

Sexually Transmitted Diseases

Ages 15-17 diagnosed with Chlamydia, gonorrhea, or syphilis

	Gibson County	TN
Year	#	#
2016	373	4081
2015	307	3830
2014	300	3988

Source: TN-PRISM (Patient Reporting Investigating Surveillance Manager).

Substance Use

Heavy drinkers (Adult men having more than 14 drinks per week and adult women having more than 7 drinks per week) (percent)

	TN
2016	5.6
2015	4.7
2014	4.1

Binge drinkers: (Males having five or more drinks on one occasion and females having four or more drinks on one occasion) (percent)

	Northwest	TN
2016	no data	13.1
2015	no data	10.3
2014	no data	10.6
2013	4.5	9.6
2012	5.8	11.3
2011	6.9	10.0

GIBSON COUNTY 2018

2010		6.9			6.6			
2009		4.5			6.8			
2008		8.0			10.5			
2007		10.4			9.0			
2006		6.7			8.6			
2005		11.4			8.6			

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System, 2014-2016.

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

		Gibson County		TN				
2016		11		12				
2015		10		9				
2014		10		9				
2013		11		10				
2012		14		9				
2011		11		9				
2010		10		9				

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

During the past 30 days have you had at least one drink--beer, wine, malt beverage, liquor? (percent)

		Northwest		TN				
2013		31.3		37.5				
2012		20.0		38.6				
2011		26.8		37.5				
2010		22.6		28.2				
2009		21.1		25.1				
2008		22.8		33.6				
2007		29.6		32.9				
2006		25.9		29.5				
2005		28.3		34.7				

Estimated number and percent of people over age 18 with a dependence on illicit drugs or alcohol in the past year.

		Gibson County		TN				
2010-2012		2,949/7.91		8.20				
2008-2010		2,945/7.90		8.04				

GIBSON COUNTY 2018

2006-2008	2,907/7.85		8.86			
Number of unique TDMHSAS A&D Treatment Admissions as a percent of people over age 18 with a dependence on or abuse of illicit drugs or alcohol in the past year.						
	Gibson County		TN			
Fy2014	203/6.88		3.95			
Fy2013	149/5.06		3.53			
Fy2012	191/6.48		3.52			
Number and percent TDMHSAS funded treatment admissions with ALCOHOL identified as substance of abuse						
	Gibson County		TN			
2016	108/47.4		5,894/42.1			
2015	121/54.8		6,004/44.7			
2014	114/62.3		6,213/45.9			
Fy2015	122/53		44.8			
Fy2014	128/63.1		44.2			
Fy2013	115/65.7		45.4			
Fy2012	114/58.5		45.3			
Number and percent TDMHSAS funded treatment admissions with CRACK COCAINE identified as substance of abuse						
	Region 6		TN			
2016	274/17.1		2,614/18.7			
2015	328/20		2,634/19.6			
2014	340/20.1		2,722/20.1			
Number and percent TDMHSAS funded treatment admissions with HEROIN identified as substance of abuse						
	Region 6		TN			
2016	138/8.6		1,518/10.8			
2015	87/5.3		1,069/8			
2014	52/3.1		721/5.3			
Number and percent TDMHSAS funded treatment admissions with MARIJUANA identified as substance of abuse						
	Gibson County		TN			
2016	123/53.9		5,327/38			

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2015		90/40.7			5,206/38.7		
2014		77/42.1			5,362/39.6		
Number and percent TDMHSAS funded treatment admissions with METH identified as substance of abuse							
		Gibson County			TN		
2016		68/29.8			2,869/20.5		
2015		42/19			2,089/15.5		
2014		51/27.9			1,849/13.7		
Fy2015		43/18.7			15.3		
Fy2014		42/24			11.6		
Fy2013		55/28.2			12		
Fy2012		30/17.1			10.1		
Number and percent TDMHSAS funded treatment admissions with OPIOIDS identified as substance of abuse							
		Region 6			TN		
2016		25/59.5			5,792/41.4		
2015		15/*			5,907/43.9		
2014		19/*			5,859/43.3		
Fy2015		57/24.8			43.2		
Fy2014		50/24.6			40.2		
Fy2013		30/20.1			28.4		
Fy2012		63/32.3			39.1		
Number and percent TDMHSAS funded treatment admissions with OTHER illicit drugs identified as substance of abuse							
		Region 6			TN		
2016		16/*			208/1.5		
2015		15/*			281/2.1		
2014		20/1.2			300/2.2		
Fy2014		59/39.6			38.6		
Fy2013		89/46.6			37.3		
Fy2012		69/39.9			36.9		
Source: 2017 Tennessee Behavioral Health County and Region Services Data Book.							
Number of drug related arrests for adults over 18 in Gibson County							
2017		98					
2016		123					
2015		28					

GIBSON COUNTY 2018

Cy2013		225						
Cy2012		190						
Cy2011		194						

Source: NIBRS, 2015-2017

Source: Tennessee Department of Mental Health and Substance Abuse Services. Tennessee Behavioral Health County Data Book 2014.

Teenage Pregnancy

Pregnancies Age 10-17 per 1,000 Females

	Gibson County				TN		
	Total	White	Black		Total	White	Black
2016	2.2	2	3.7		5.4	4.5	9.7
2015	4.1	3.9	5.5		6	5.1	10.2
2014	5.2	4.4	8.9		6.3	5.5	10.7
2013	10.4	7.8	18.2		7.2	6	12.9
2012	9.5	9.6	8.8		8.3	7.0	14.0
2011	10.7	11.3	9.8		8.9	7.3	15.5
2010	6.5	5.4	9.9		10.0	8.3	17.9
2009	10.0	8.0	16.4		12.0	9.1	21.9

Pregnancies Age 15-17 Per 1,000 Females

	Gibson County				TN		
	Total	White	Black		Total	White	Black
2016	6.2	5.5	10.2		13.7	11.5	23.6
2015	10.7	11.3	10.3		15.2	13.2	24.7
2014	15.2	13	25.5		16.1	14.2	25.6
2013	28.3	21.4	46.6		18.2	15.6	30.8
2012	24.0	25.0	19.0		21.2	18.1	33.9
2011	28.5	30.9	25.6		22.4	18.9	36.5
2010	14.7	13.9	16.2		24.8	21.1	42.1
2009	23.2	19.8	33.6		29.6	22.4	55.5

Source: Tennessee Department of Health.

Tobacco Use

Are you a current smoker?

	Gibson County				TN		
2018	22				22		

GIBSON COUNTY 2018

2017		22			22			
2016		25			24			
2013		25.6			24.3			
2012		28.1			24.9			
2011		27.1			23.0			
2010		22.3			20.1			
2009		29.0			22.0			
2008		55.3			23.1			
2007		30.3			24.3			
2006		27.1			22.6			
2005		24.0			26.7			

Source: County Health Rankings and Road Maps 2016-2018.

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.

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

		Gibson County		TN				
2016		25		24				
2015		30		23				
2014		30		23				
2013		30		23				
2012		35		24				
2011		36		24				
2010		36		25				

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

Traumatic Brain Injury

Gibson County								
TBI related fatality count		6						
Relative Rate		1.06						

Source: Traumatic Brain Injury Program Annual Report 2016-2017.

Key findings

* A total of 11,334 unique patients were reported to the TBI Registry during 2016. Of these, 7,458 presented with a TBI-related hospitalization (length of stay > 24 hours) and 843 were deceased.

* 54% of all TBIs were in the senior population (over 55 years).

GIBSON COUNTY 2018

- * Overall, 58% of TBI patients were males. The number of male TBI patients exceeded females in each age group except in patients over 75 years.
- * Falls were the leading cause of TBI in Tennessee, followed by motor vehicle accidents.
- * Over 10% of concussion-related hospitalizations in 2016 were sports-related, but overall, sports-related concussions are likely underestimated.
- * The age-adjusted TBI hospitalization rate for Tennesseans in 2016 was 84.17 per 100,000, while the age-adjusted death rate was 9.11 per 100,000 residents.

Violent Crime									
2015									
			Offenses		Arrests				
			Reported	Cleared	Adult	Juvenile			
Humboldt PD			231	114	91	4			
Milan PD			233	145	103	17			
Trenton PD			104	27	20	1			
Gibson County Sheriff			257	194	91	11			
<u>Source:</u> Tennessee Bureau of Investigation.									

GIBSON COUNTY

HEALTH PROFILE

GIBSON COUNTY

HEALTH COUNCIL PROFILE

2016 Population

Estimate: 49,401

% White: 79.7

% Black: 18.3

% Other: 2

<https://census.gov/quickfacts/>

Education Level:

High School Graduate:

83.8%

Bachelor's Degree:

16%

<https://census.gov/quickfacts/>

Median Household Income: \$38,457.00

Persons In Poverty: 15.7%

Children In Poverty: 23.4%

<https://census.gov/quickfacts/>

<http://datacenter.kidscount.org/>

of Public Schools: 20

Students Receiving Free/Reduced Lunch: 48.3%

<http://datacenter.kidscount.org/>

2015 Teen Pregnancy Rates (age 10 – 17):

*per 1,000

State Rate: 6.0/1,000 females

County Rate: 4.1/1,000 females

<http://tn.gov/health/topic/health-data>

2015 Infant Mortality Rates:

State Rate: 7.0/1,000 births

County Rate: 1.6/1,000 births

<http://tn.gov/health/topic/health-data>

2017 HEALTH RANKINGS

Health Outcomes: 64

Health Factors: 33

www.countyhealthrankings.org/

Health Outcomes: represent how healthy a county is.
The healthiest county is ranked #1.

This rank is based on: how long people live and how healthy they feel while alive.

Health Factors: represent what influences the health of a county.

This rank is based on: health behaviors, clinical care, social and economic factors, and physical environment factors.

2015 Leading Causes of Death:

1. Heart Disease

2. Cancer

3. Alzheimer's Disease

4. Stroke

5. Pulmonary Disease

<http://tn.gov/health/topic/health-data>

2017 Leading Health Behaviors:

1. Access to Exercise Opportunities (54%)

2. Physical Inactivity (34%)

3. Alcohol-Impaired Driving Deaths (34%)

4. Adult Obesity (32%)

www.countyhealthrankings.org/

Top Health Council Priorities:

1. Obesity / Physical Inactivity
2. Infant Mortality / Teen Pregnancy
3. Chronic Illness Awareness & Education

Meeting Times:

March 8, June 14, September 13, December 13, and two open dates for Community Outreach.

Community Partners:

The Gibson County Health Council is comprised of representatives from area agencies; faith and community-based organizations; schools; colleges; universities; local government; health care providers; businesses; as well as other individuals who work collectively to improve health outcomes in the county. The council's goals are accomplished through regular meetings, strategic planning, identification of resources, and the work of subcommittees that focus on specific health issues.

TOBACCO SETTLEMENT PROJECTS

\$15 Million was appropriated in the 2014 State budget for three years to support tobacco use prevention projects chosen and managed by county health departments. Three statewide topics were selected. Gibson County received funding of \$33,085.00 in 2014, \$29,776.50 in 2015, and \$28,882.34 in 2016 based on Tobacco Settlement Plans updated annually. Gibson County set its own numeric goals for change for each topic. The Gibson County plans and selected projects were chosen based upon assessments and implemented over the three years.

Gibson Co. chose to focus our tobacco prevention efforts in the Baby & Me Tobacco Free Program, helping 42 women quit smoking during the prenatal period and 25 healthy weight deliveries to enrolled women; Knock Tobacco Out of the Park, where 8 city parks passed a "Voluntary Smoke Free Resolution," resulting in 40 tobacco free signs placed in child-friendly areas in Gibson Co. parks; Gold Sneaker, assisting 6 TN licensed child care facilities to adopt tobacco free policies; and Tobacco Prevention among school-age children, sending 35 students to TTI camp to become prevention educators of the peer led Tennessee Teens Talk Tobacco curriculum.

Gibson County made improvements in all three focus areas over the three years. Gibson County Health Council will continue to develop and implement strategies to improve health outcomes in our communities.

2017

Health Promotion Highlights

Tobacco Settlement Projects:
Baby & Me Tobacco Free
Knock Tobacco Out of the Park
Tennessee Teens Talk Tobacco

Healthier TN

Go Girl Go!

Child Health & Safety Checks

Mock DUI Crash

Rural Access to Health:
Healthy Active Built
Environments Grant

Gibson County Health Educator:

Jesse Willhoit

Phone | 731.855.7601

E-mail | jesse.willhoit@tn.gov

Gibson County Health Council Chair:

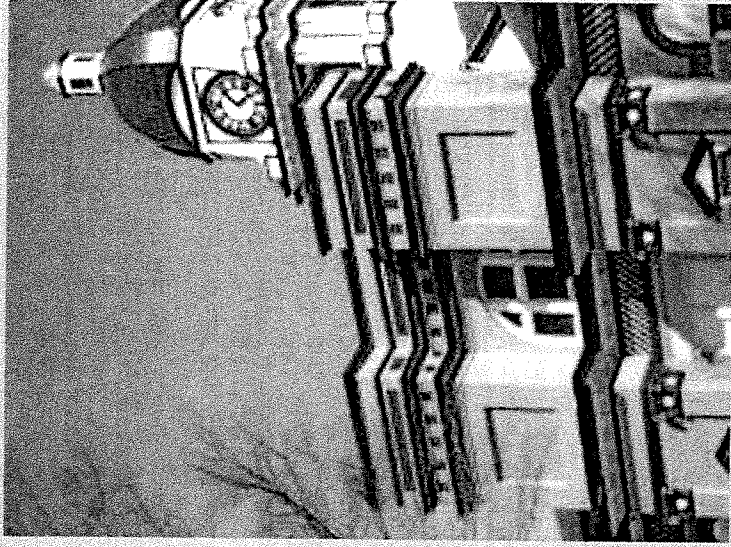
Doug Lockard

Phone | 731.855.1231

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GIBSON COUNTY

HEALTH COUNCIL PROFILE (2016)



MISSION STATEMENT

The Gibson County Community Health Council acts as a working council whose purpose is to address health issues of significance, resource availability and allocation, and to develop strategies to improve health outcomes within the community.

Gibson County Health Council
Meeting Minutes by Rhonda Casey – June 13, 2018
Milan Housing Authority



In attendance: Doug Lockard (Trenton Housing), Rhonda Casey (Trenton Housing, Afterschool and Youth Program), Jesse Willhoit (Health Educator, Gibson County), Mary Duncan, (Milan Anti Drug Coalition), Sandra Presson (CCR&R), Steve Smith (Touching Hearts), Barbara Berry (UT Extension), Laquita Clark (UT Extension), Libby Wickersham (Greater Gibson County Chamber of Commerce), Brittney Keller, (Humboldt Library), Joyce Vonner, (Polk Clark), Tim King (TN Dept. of Health, Healthy Development Coordinator) and Sheila Gilliam, (Workforce Development).

Next Meeting: September 12, 2018

Doug Lockard called the meeting to order and welcomed guests and members. A motion to approve Minutes from the March 14, 2018 meeting was made by Steve Smith. There was a second on the motion by Mary Duncan. The minutes were unanimously approved without corrections.

I. Old Business: Tobacco Settlement Update—Jesse Willhoit notified the council that Gibson County would be sending 68 individuals to the Tennessee Teen Institute. Teams consist of teams of six students and one advisor. Using some of the Tobacco money, goodie bags have been made for each student and they will be given TTI Shirts which were designed by the students in the Youth Advisory Council in Milan. Organizations representing Gibson County at TTI are as follows: Gibson County Special School district: 13 Students, 2 Advisors. Milan Prevention Coalition/Milan SSD: 21 Students, 3 Advisors. Trenton Housing Authority: 12 Students, 2 Advisors. Bradford SSD: 7 Students, 1 Advisor.

TN Dept. of Health Built Environments: Tim King spoke about projects done through built environments. Tim works with the West Region of TN. He has 19 rural counties and has been promoting healthy built environments.

Tim has been working with Jesse to get all exercise signs up in the parks and is waiting to get the walking signs put up.

He discussed a competitive grant that was offered to allow agencies, school, non profits, etc to get funding for healthy built environments in their areas. He will notify council when the grant is open again.

Joyce Vonner- Polk Clark and Jesse Willhoit have worked to receive a \$5000 Minority Health Grant. There are two phases they are providing, one is a basketball program and the other is a reading book club program. All are underway as of June 4, 2018.

II. New Business: Jesse provided the 2018 updated Health Council Brochure and data from the 5-year trend of pregnancies in females ages 10-17 – She discussed how the trend shows that Gibson County has gone from 26 pregnancies in 2012 to 6 pregnancies in 2016.

Inter-Agency Council Merge & Project Planning: Doug Lockard discussed the proposed joining of the Interagency Council and GC Health Council meeting times. The interagency has agreed to join together. The Interagency requires a fee but the health council does not. Who will host the programs for the interagency and other concerns must be addressed. An email will be sent to interagency members to invite them to attend the next scheduled meeting of the Health Council on September 12th. A motion was made by Mary Duncan to initiate the combining of councils at the next health council meeting, a second was made by Barbara Berry, and the vote was unanimous. Members of interagency will attempt to get by laws and other information for that meeting.

Jesse discussed a directory that is similar to the interagency directory except with business cards. The council looked over the sample directory and discussed the possibility of helping to update the interagency directory since it has not been updated since 2015.

There was a motion to adjourn by Mary Duncan; a second was made by Barbara Berry. Motion passed unanimously.

III. Meeting Adjourned