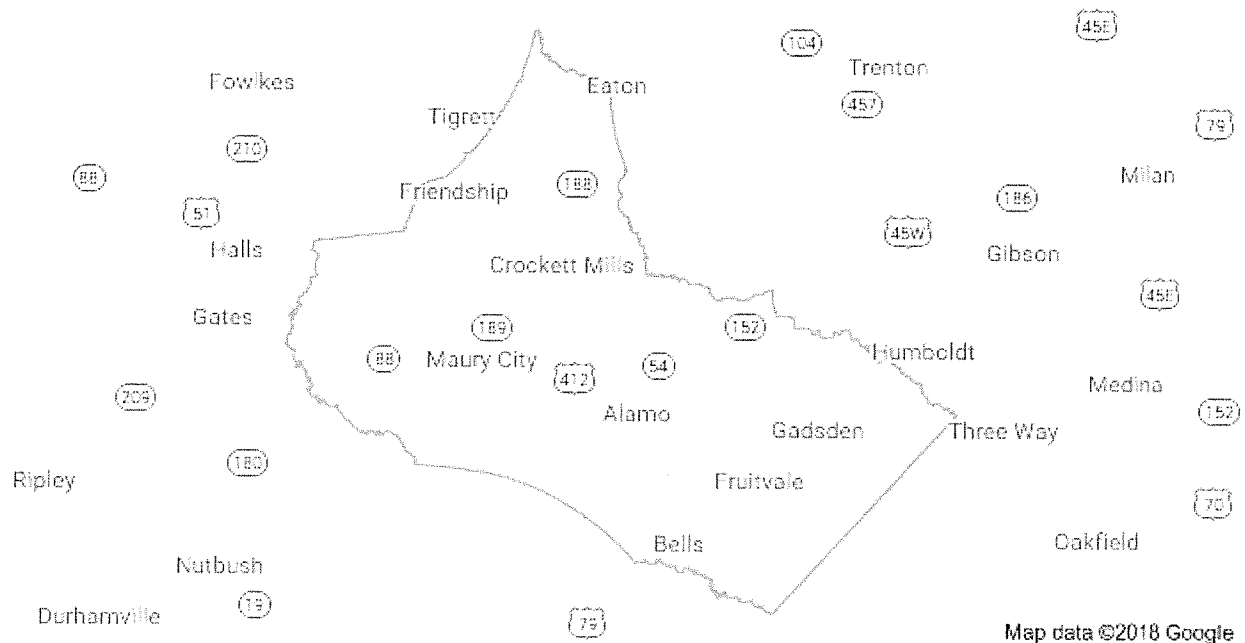


Community Health Needs Assessment

Crockett 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.

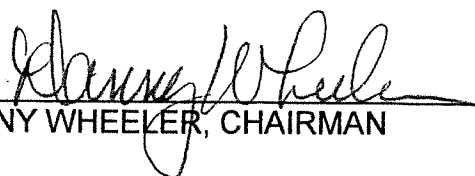

DANNY WHEELER, CHAIRMAN

Exhibit Q2

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Crockett County Community Health Needs Assessment
2018 Update

Executive Summary

Under the leadership of Jackson-Madison County General Hospital a community health needs assessment of Crockett 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 Crockett 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 Crockett 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 Crockett County Health Council.

The Crockett County Health Council identified three priority health issues: Tobacco/Tobacco Related Diseases, Substance Abuse, and Obesity/Physical Inactivity. 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 Crockett County community.

Crockett 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 Jackson-Madison County General Hospital a community health needs assessment of Crockett 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 Crockett 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

The designated “community” for the needs assessment is Crockett County, Tennessee. Crockett County, Tennessee does not have a hospital. However, Crockett County is in the primary service area of the Jackson-Madison County General Hospital. With a 2017 population of 14,473, Crockett County is located in the rural West Tennessee approximately 83 miles East of Memphis and 148 miles West of Nashville. The population is 80.3 percent Caucasian, 12.9 percent African American, and 46.8 percent Other races. According to the Tennessee Department of Economic & Community Development (2018), 18.3 percent of the population is below the Federal poverty level. The personal income per capita is \$35,543. The population under 65 years of age represents 82.6 percent while the over age 65 population is 17.4 percent of the total. The high school graduation rate is 97.6 percent; 20.2 percent have an Associate Degree or higher and 14.4 percent have a Bachelor Degree or higher.

Crockett County has a wide range of industries that employ individuals living in and around the county. Advanced manufacturing and government are the county’s key industries followed by business services and healthcare. The top employers are Pictsweet Frozen Foods (1000

employees) processing frozen vegetables, Crockett County Board of Education (300 employees), Bells Nursing Home, Inc. (125 employees), Asea Brown Baveri which specializes in transformers and components (125 employees), and Crockett County Nursing Home (121 employees).

The county seat of Crockett County is Alamo, Tennessee. The City of Alamo, City of Bells, City of Friendship, Crockett County Government, and the Crockett County School System are all located in Crockett County. Crockett County has two public school systems. The Alamo City Schools have one school with 580 children. Crockett County School System is composed of 5 schools with 1,910 students.

Description of the 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 the residents of Crockett 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 Crockett 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.

Crockett County Health Council

The Crockett 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 Chester County as well as staff from the local and regional health departments.

“The Crockett 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 Crockett County Health Council include:

Kelsie Henning, Chair	Emily Oswald	Tamika McKinnie
Sarah Poole	Kacey Stribling	Nicole Newman
Brooke Parkey	Jasmine Dowell	Molly Rowe
Mary Carol Perry	Dottie Rinks	Gary Reasons
Elsie Gillespie	Misty Bailey	Theresa Powell

The Crockett 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 Crockett County Health Council identified three priority health issues:

1. Tobacco/Tobacco Related Diseases
2. Substance Abuse
3. Obesity/Physical Inactivity

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.

Tobacco/Tobacco Related Diseases

Crockett County received Tobacco Settlement funding of \$23,065 in 2016. These funds along with additional grant funding of \$7,170 have been used to help children and the community-at-large choose not to smoke. The Crockett County TATU/Student Health Advisory Council works to educate pre kindergarten – 12th grade students and the community on tobacco prevention in the Alamo City, Bells City, and Crockett County School system. Through youth led nicotine engagement such as the Crockett County High School Student Health Advisory Council, youth are actively engaged in activities including attending the TN Strong Conference and were in charge of the first annual Red Ribbon Week Block Party that was attended by hundreds of people. The Student Council also went to the Crockett County Middle School and talked with students on the topics of peer pressure and refusal skills as well as the dangers of drug and alcohol use. Additionally, Crockett County utilizes the Tennessee Teens-Talk Tobacco promo video and Tobacco Free campus signs to further promote a nicotine-free lifestyle.

Substance Abuse

In coordination with community partners, the Crockett County Health Council is working to educate the community on overdose prevention, Naloxone usage, and information on opioids and substance misuse in general. Individuals are referred to a mental health facility or their primary care physician for referrals to an A&D treatment facility.

Obesity/Physical Inactivity

Crockett County School received a \$13,000 grant to reduce childhood obesity. Crockett County University of Tennessee Extension Agency provides wellness education and cooking classes. In addition UT Extension offers Walk Across Tennessee a 5 week walking program for teams of eight people. The teams will have a friendly competition to see who can log the most miles walking, jogging, biking, dancing or other types of physical activity.

Crockett County has been awarded the distinction of being a Healthier Tennessee Community. Healthier Tennessee is a program initiated through the Governor's Foundation for Health and Wellness. The program focuses on providing support and resources for Tennesseans to live healthier lives by being physically active, consuming healthier foods, and reducing use of tobacco products.

★ Recognized

Healthier Communities		
EAST	MIDDLE	WEST
★ Bledsoe County	★ Clarksville	★ Benton County
★ Blount County	★ Cookeville	★ Carroll County
★ Bradley County	★ Crossville / Cumberland County	★ Crockett County

Conclusion

The Crockett 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 Crockett 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.

CROCKETT COUNTY 2018

**Crockett 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

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
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

Source: Centers for Disease Control and Prevention.

Has a doctor, nurse, or other health professional ever told you that you have some form of 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

CROCKETT COUNTY 2018

2012		35.6			29.8		
2011		26.4			25.9		
2009		29.3			25.9		
2007		37			34		
2005		36			29.7		

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

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.

6 percent in adults, 9.5 percent in Children (2010).

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.

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

CROCKETT COUNTY 2018

* 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.

Cancer

Deaths from Malignant Neoplasms Per 100,000

	Crockett County				TN		
	Total	White	Black		Total	White	Black
2016	284.7	301.6	*		217.5	235.1	178
2015	205.4	222.5	*		214.8	229.5	170.4
2014	143.2	138.9	*		216.1	231.8	182.4
2013	247	294.1	0		214.5	231	176.4
2012	205.2	212	0		211.2	226.5	176.3
2011	268.1	277.1	0		210.2	224.6	180.1
2010	219.4	235.2	0		212.9	234.6	178.9
2009	223.2	188.9	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.

Child Abuse

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

	Crockett County	TN
Cy2013	20/5.8	4.9
Cy2012	<5/.9	4.9
Cy2011	18/*	4.8

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

CROCKETT COUNTY 2018

Child Abuse & Neglect in Tennessee							
		Crockett County		TN			
2012		6.8		4.9			
2010		3.6		5.5			
2009		4.2		7.0			
2008		3.7		8.4			
2007		4.8		11.6			
2006		1.5		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							
		Total	White	Black		Total	White Black
2013		61.7	49.0	0.0		38.9	44.8 19.5
* 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.							
* 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.							

CROCKETT COUNTY 2018

* 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

	Crockett County				TN		
	Total	White	Black		Total	White	Black
2016	55.5	58.6	*		28.4	27.5	37.3
2015	27.4	33	*		27.1	26.6	32.8
2014	34.1	32.7	*		26.3	25.8	33.5
2013	41.2	16.3	0.0		27.9	27.1	36.8
2012	47.9	57.1	0.0		28.2	27.4	36.7
2011	34.4	24.5	0.0		27.1	26.3	35.7
2010	27.4	34.8	0.0		26.4	26.4	35.0
2009	33.8	39.4	0.0		28.2	26.8	37.7

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

CROCKETT COUNTY 2018

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			
Percentage of Population Diagnosed with Diabetes							
		Crockett County		TN			
2018		13		13			
2017		14		13			
2016		13		12			
2015		14		12			
2014		13		11			
2013		13		11			
2012		13		11			
2011		13		11			
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			

CROCKETT COUNTY 2018

Source: County Health Rankings and Roadmaps 2016-2018.

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

Domestic Violence

Domestic Violence Offenses

Crockett County Sheriff's Office

	Reported	Cleared
2015	53	38
2014	63	53
2013	56	49
2012	55	49
2011	46	41

Alamo Police Department

2015	19	19
2014	30	26
2013	28	23
2012	30	22
2011	32	27

Bells Police Department

2015	30	23
2014	24	13
2013	26	22
2012	38	35
2011	30	26

Gadsden Police Department

2015	3	2
2014	4	4
2013	5	5
2012	6	6
2011	2	1

Source: Tennessee Bureau of Investigation. Crime in Tennessee.

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).

	TN
2016	12.4

CROCKETT COUNTY 2018

2015		15.5							
2014		15.5							
Individuals under 18 in poverty									
		Region 6				TN			
2017		27.6				25.5			
<u>Source: 2017 Tennessee Behavioral Health County and Region Services Data Book.</u>									
Uninsured Adults-Percent Population Under Age 65 without health insurance									
		Crockett County				TN			
2018		19				15			
2017		22				17			
2016		25				20			
Percent Children Living in Single-Parent households									
		Crockett County				TN			
2016		33				36			
2015		36				36			
2014		31				36			
<u>Source: County Health Rankings and Roadmaps 2014-2016.</u>									
All People in Poverty-Percent									
		Crockett County				TN			
2017		19.9				17.6			
<u>Source: 2017 Tennessee Behavioral Health County and Region Services Data Book.</u>									
Unemployment									
		Crockett County				TN			
2018		5.3				4.8			
2017		6.6				5.8			
2016		7.9				6.7			
<u>Source: County Health Rankings and Roadmaps 2016-2018.</u>									
Hearing Loss									
* Almost 50 million Americans have hearing loss in at least one ear, including 1 in 5 teenagers.									

CROCKETT COUNTY 2018

- * Ringing in the ears (tinnitus) affects 20 percent of Americans, and hearing loss occurs in 90 percent of those cases.
- * 60 percent of veterans returning from Iraq and Afghanistan come home with hearing loss and tinnitus.
- * More than 90 percent of deaf children are born to hearing parents.
- * 15 percent of American adults (37.5 million) age 18 and over report trouble hearing.
- * Those with even mild hearing loss are twice as likely to develop dementia.
- * Depression and isolation are common with hearing loss.
- * Men are more likely than women to experience hearing loss.
- * Tinnitus is sometimes the first sign of hearing loss (10 percent of Americans).
- * Hearing loss becomes prevalent with age, hearing impairment occurs in about 18 percent of American adults between the ages of 45 and 54, 30 percent of adults between ages 65 and 74, and 47 percent of adults age 75 and older.

Heart Conditions

Death from Diseases of the Heart Per 100,000

Rate

	Crockett County				TN		
	Total	White	Black		Total	White	Black
2016	388.8	393.8	*		232.1	249.9	196.8
2015	527.2	585.1	*		237.5	252.8	190.1
2014	402.5	457.7	*		232.0	250.8	189.3
2013	466.5	498.4	0		226.7	245.1	183.1
2012	355.7	309.8	0		220.6	241.2	165.2
2011	439.9	440.1	0		221	239.7	175.3
2010	431.9	418.2	0		228.3	254	181.8
2009	493.7	495.9	0		228	241.1	185.8

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

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)

CROCKETT COUNTY 2018

		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			

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

High Blood Pressure

Deaths from Cerebrovascular Disease per 100,000

		Crockett County				TN		
		Total	White	Black		Total	White	Black
2016		69.4	75.4	*		52.8	55.1	52.6
2015		61.6	74.2	*		52.2	53.9	49.8
2014		34.1	32.7	*		50.7	53.1	48.4
2013		48	57.2	0		48.1	50.5	45.8
2012		41	32.6	0		46.3	48.6	42.9
2011		75.6	81.5	0		50.1	52.8	46.2
2010		48	52.3	0		50.1	54.3	45.6
2009		60.9	63	0		50.6	51.9	48.2

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

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)

--	--	--	--	--	--	--	--

CROCKETT COUNTY 2018

	Northwest	TN
2016	no data	84.55
2013	82.3	83.9
2012	78	80
2011	84.2	78.3
2010	86	85.6
2009	85.7	81.8
2007	86.1	84
2005	81.5	83.4

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
2014-November	35

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.

Average Number of Mentally Unhealthy Days Reported in Last 30 Days

	Crockett County	TN
2018	5.0	4.5

CROCKETT COUNTY 2018

2017	4.9	4.4
2016	4.8	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
2015-2016	5.0
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

Source: 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

	Crockett County		TN
	#	Percent	Percent
2017	41	2.0	3.4
2016	51	2.5	3.5
2015	62	3.1	4.0

Source: TN.gov Behavioral Health Safety Net Fast Facts 2015-2017.

Motor Vehicle Accidents

Deaths from Motor Vehicle Accidents Per 100,000

	Crockett			TN		
	Total	White	Black	Total	White	Black
2014	34.1	32.7	-	15.1	16.2	13

CROCKETT COUNTY 2018

2013		20.6	24.5	0.0		15.5	16.5	13.9
2012		20.5	16.3	0.0		14.8	16.1	10.7
2011		41.2	48.9	0.0		15.6	16.7	13.0
2010		6.9	8.7	0.0		16.8	18.8	11.5
2009		0.0	0.0	0.0		16.4	17.1	13.6

Source: Tennessee Department of Health.

Overall Traffic Crash Data

Crockett County

	Fatal	Injury	PDO	Total
2015	2	73	182	257
2014	2	70	171	243
2013	3	74	142	219
2012	4	66	127	197
2011	3	79	142	224
2010	2	101	113	216
2009	6	86	109	201
2008	4	73	115	192

Crash Rates Per 1,000 Licensed Drivers

	2013	08-13 Av	2014
Licensed Drivers	10,132	10,101	10,200
Fatal Crash Rate	0.296	0.363	0.196
Rank	28	15	58
Injury Crash Rate	7.304	7.902	6.863
Rank	52	58	59
Overall Crash Rate	21.615	20.604	23.824
Rank	67	79	65

Crockett County Alcohol Impaired Crashes Per 100,000

	Crashes	Rate	Rank
2015	13	1.295	57
2014	17	1.667	31
2013	13	1.283	64
2012	9	0.895	90
2011	9	0.884	89
2010	12	1.183	68
2009	14	1.392	62
2008	10	0.996	86

Source: Tennessee Department of Safety and Homeland Security.

CROCKETT COUNTY 2018

Obesity									
Percent of Adults who have a body mass index greater than 25-overweight or obese									
		Crockett County		TN					
2018		29		32					
2017		33		32					
2016		35		32					
2015		36		32					
2014		35		32					
2013		34		32					
2012		34		32					
2011		33		31					
2010		30		31					
<u>Source:</u> County Health Rankings and Road Maps 2016-2018.									
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					
<u>Source:</u> Tennessee Department of Health. Behavioral Risk Factor Surveillance System.									
Sexually Transmitted Diseases									
Ages 15-17 diagnosed with Chlamydia, gonorrhea, or syphilis									
		Crockett County		TN					
Year		#		#					
2016		78		4081					
2015		71		3830					
2014		72		3988					
<u>Source:</u> 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							

CROCKETT COUNTY 2018

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).

		Crockett County		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				
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				

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				

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

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

		Crockett		TN				
2010-2012		871/7.91		8.20				
2008-2010		870/7.90		8.04				
2006-2008		851/7.85		8.86				

CROCKETT COUNTY 2018

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.							
		Crockett			TN		
Fy2014		69/7.92			3.95		
Fy2013		49/5.63			3.53		
Fy2012		67/7.70			3.52		
Number and percent TDMHSAS funded treatment admissions with ALCOHOL identified as substance of abuse.							
		Crockett County			TN		
2016		22/45.8			5,894/42.1		
2015		26/57.8			6,004/44.7		
2014		46/75.4			6,213/45.9		
Fy2013		35/64.8			45.4		
Fy2012		46/65.7			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 abuse.							
		Crockett County			TN		
2016		21/43.8			5,327/38		
2015		20/44.4			5,206/38.7		
2014		34/55.7			5,362/39.6		

CROCKETT COUNTY 2018

Number and percent TDMHSAS funded treatment admissions with METH identified as substance of abuse.

	Crockett County	TN
2016	13/*	2,869/20.5
2015	9/*	2,089/15.5
2014	7/*	1,849/13.7
Fy2015	9/*	15.3
Fy2014	9/*	11.6
Fy2013	10/*	12
Fy2012	8/*	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
Fy2013	6/*	28.4
Fy2012	12/*	39.1

Number and percent TDMHSAS funded treatment admissions with OTHER illicit drugs identified as substance of abuse.

	Region 6	TN	v
2016	16/*	208/1.5	
2015	15/*	281/2.1	
2014	20/1.2	300/2.2	
Fy2013	33/49.3	37.3	
Fy2012	21/31.8	36.9	

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

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

2017	5
2016	8
2015	18
Cy2013	51
Cy2012	68
Cy2011	24

Source: NIBRS, 2015-2017.

CROCKETT COUNTY 2018

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

	Crockett County				TN		
	Total	White	Black		Total	White	Black
2016	3.8	3.3	8.4		5.4	4.5	9.7
2015	2.3	2.9	-		6	5.1	10.2
2014	5.9	5.8	8.9		6.3	5.5	10.7
2013	5	6.1			7.2	6	12
2012	9.8	10.3	9.3		8.3	7.0	14.0
2011	9.6	7.1	30.0		8.9	7.3	15.5
2010	15.7	14.4	39.6		10.0	8.3	17.9
2009	13.4	10.0	9.4		12.0	9.1	21.9

Pregnancies Age 15-17 Per 1,000 Females

	Crockett County				TN		
	Total	White	Black		Total	White	Black
2016	10.8	*	*		13.7	11.5	23.6
2015	6.5	7.8	-		15.2	13.2	24.7
2014	13.8	12.3	*		16.1	14.2	25.6
2013	10.8	12.7			18.2	15.6	30.8
2012	28.1	29.2	0.0		21.2	18.1	33.9
2011	27.5	20.3	0.0		22.4	18.9	36.5
2010	39.9	36.0	0.0		24.8	21.1	42.1
2009	27.6	28.3	0.0		29.6	22.4	55.5

Source: Tennessee Department of Health.

Tobacco Use

Are you a current smoker?

	Crockett County	TN
2018	24	22
2017	24	22
2016	24	24
2013	25.6	24.3
2012	28.1	24.9
2011	27.1	23.0

CROCKETT COUNTY 2018

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.

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

		Crockett			TN			
2016		24			24			
2015		27			23			
2014		27			23			

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

Traumatic Brain Injury

Crockett County

TBI related fatality count	1							
Relative Rate	0.63							

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).
- * 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.

2016 Population

Estimate: 14,441

% White: 83.1

% Black: 13.9

% Other: 2.1

<http://quickfacts.census.gov>

Education Level:

High School Graduate:

76.3%

Bachelor's Degree:

13.0%

<http://quickfacts.census.gov>

Median Household Income: \$35,464

Persons Below Poverty: 19.1%

Children Below Poverty: 25.8%

<http://quickfacts.census.gov>

<http://datacenter.kidscount.org>

of Public Schools: 7

Students Receiving Free/Reduced Lunch: 60.2%

<http://tennessee.educationbug.org>

<http://datacenter.kidscount.org>

2014 Teen Pregnancy Rate (10-17):

State Rate: 7.2/1,000

County Rate: 4/1,000

<https://www.tn.gov/health/teen/health-data>

2014 Infant Mortality Rates:

State Rate: 6.9/1,000

County Rate: 11/1000

<https://www.tn.gov/health/teen/health-data>

2017 HEALTH RANKINGS:

Health Outcomes: 48

Health Factors: 54

<http://www.countyhealthrankings.org/>

Health Outcomes: represent how healthy a county is within the state. 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.

2014 Leading Causes of Death:

1. Heart Disease

2. Cancer

3. Chronic Lower Respiratory Disease

4. Accidental Death

5. Cerebrovascular Disease

<https://www.tn.gov/health/topic/health-data>

2017 Leading Behavioral Risk Factors:

1. Alcohol-impaired driving deaths (36%)

2. Adult Obesity (33%)

3. Physical Inactivity (32%)

4. Adult Smoking (24%)

<http://www.countyhealthrankings.org>

Top Health Council Priorities:

1. Tobacco/Tobacco Related Diseases

2. Substance Abuse

3. Obesity/Physical Inactivity

Meeting Times:

Regular Meetings are Quarterly: 1st Thursday of March, June, September and December with Two Extra Meetings for Community Outreach

Community Partners:

The Crockett 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. Project goals for change included reducing secondhand smoke exposure to children, reducing tobacco use among pregnant women, and preventing children from initiating tobacco use.

Crockett County received funding of \$8,073.15 in 2014, \$13,465.00 in 2015, and \$23,065.85 in 2016 based on Tobacco Settlement Plans updated annually. Crockett County set its own numeric goals for change for each topic. The Crockett County plans and selected projects were chosen based upon assessments and implemented over the three years.

Crockett County was granted an additional \$7,170 in continuation funding for fiscal year 2017. These funds will be used to continue to work on helping children choose not to smoke. The Crockett County TATU/Student Health Advisory Council will work to continue their efforts in educating students in grades preK-12 in the Alamo City, Bells City and Crockett County School Systems and the community on Tobacco Prevention.

Health Promotion Highlights

- Youth Led Nicotine Engagement
- Rural Access to Health, Healthy Active Built Environment Grant
- Primary Prevention Initiative Activities
- Healthier TN Community
- Public Health Week Activities
- Family Fun Day
- Living Well With Chronic Conditions Workshop
- Take Charge of Your Diabetes Workshop
- Prenatal Classes
- Breast Cancer Awareness "PINK" Event

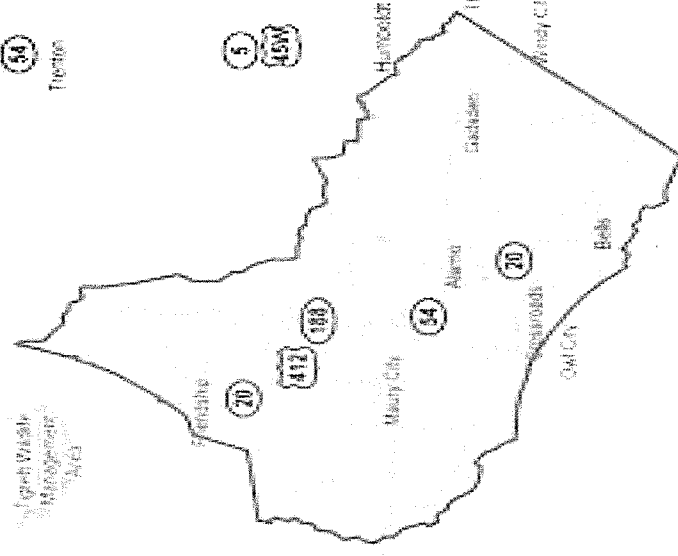
If you would like more information or if you are interested in joining the Crockett County Health Council, please contact: Elise Gillespie at the Crockett County Health Department

Crockett County Health Educator:
Currently Vacant

Crockett County Chair:
Kelsie Henning
Phone | 731.696.4778
E-mail |

kelsie.henning@crockettschools.net

CROCKETT COUNTY COMMUNITY HEALTH COUNCIL PROFILE (2017)



MISSION STATEMENT:

The Crockett 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.

Crockett County Health Council Minutes

September 6, 2018

12:00 – 1:00pm

Gibson Electric Corporation

In Attendance:

Emily Oswald, Elise Gillespie, Sarah Poole, Kelsie Henning, Kacey Stribling, Jasmine Dowell, Brooke Parkey, Dottie Rinks, Mary Carol Perry, Misty Bailey, Tamika McKinnie, Nicole Newman, Molly Rowe, Gary Reasons, Theresa Powell, Judy Posey, Melesa Lassiter, Brannon Powell, Patricia Crane, Jerri Moore, Kendra Love

I. Meeting Called to Order

- a. The meeting was called to order at 12:00pm by Sarah Poole. Vice-Chair, Sarah Poole, welcomed members followed by introductions. There was a motion to approve the minutes as written by Dottie Rinks; there was a second on the motion by Kacey Stribling. The motion carried by unanimous vote.

II. Old Business

Tobacco Settlement Report- Emily Oswald, Crockett County Health Educator (HE)

- Emily shared that Crockett County has \$1343.00 of Tobacco Settlement Funds left over. Coordinated School Health (CSH) Director Misty Bailey shared that TSF would be used for Tobacco Free campus signs for Alamo City Schools (ACS) and during Red Ribbon Week.

Healthier TN/ Delta Grant/ UT Extension Update- Sarah Poole, UT Extension Agent

- Sarah shared several programs and activities: Living Well with Chronic Conditions; Tai Chi; Power U; Dining with Diabetes; Walk Across TN. Health Council members are also encouraged to form teams. October is Breast Cancer Awareness Month and the public library is hosting a come and go event on October 2nd to share information about breast cancer. Emily and Sarah will be co-teaching Germ City at all elementary schools after Thanksgiving. Crockett County has received the Healthier TN (HTN) 2.0 grant for \$2500. \$1200 of the grant has been spent on ordering and installation of Alamo City School's water-bottle refill station. All 4th, 5th, and 6th grade students will get water bottles to use during class. The HTN Conference will be held at UT Martin on September 27, 2018

III. New Business

Coordinated School Health

- Misty Bailey announced Crockett County schools received a \$13,000 grant to reduce childhood obesity. CSH Director for BES, Brooke Parkey shared information on their new extended learning after school program which will allow other agencies to come in and speak on various topics to cover health standard requirements by the state. Emily will implement Go Girl Go on Monday afternoons beginning September 17th. CSH for ACS, Mary Perry announced all students will now be given extra recess time daily to help with efforts to increase physical activity and decrease obesity.

New Programs

- The HE shared that the new "Be Nice" anti-bullying and teen suicide prevention program started in Crockett County High School. A free Be Nice Concert will be held at the Crockett County High School Little Theater on Saturday, September 22nd at 6:00pm.

Upcoming Elections

- Kelsie Henning resigned as chair of the Health Council due to his new position as principal for Alamo City School. The HE went over Health Council by-laws and Vice-Chair, Sarah Poole was announced as the new Chair for the Crockett County Health Council. During the next meeting in December a vice chair will be nominated and voted on to begin the 2019 year with a fresh start and new officers.

Health Council Showcase and Sub-Committees

- The December Health Council Showcase was discussed and suggestions made to increase membership. It was decided that the Health Council Showcase should continue and will occur at the next scheduled Health Council meeting on December 6th. Brooke Parkey offered to speak with S&J Roadside Market to provide the meal again and Coordinated School Health for Alamo City School, Mary Carol Perry offered to speak with the pastor at Alamo First Christian Church to use the gymnasium as the location for the showcase.

- The HE led a discussion on subcommittees. Melesa Lassiter was asked for more information about Crockett's Prevention Coalition and they were added to the health council's email list. CSH directors, Brooke Parkey, Misty Bailey, and Mary Carol Perry, Early Childhood Starts Representative, Kacey Stribling and Crockett County Schools Nurse, Molly Rowe asked to be a part of a sub-committee to cover health standard requirements and programs being implemented in the school system, with the help of UT Extension Agent, Sarah Poole and HE. Misty Bailey also expressed wanting to be involved with the youth health council at Crockett County High School. A final sub-committee was formed to plan the annual December Health Council Showcase.

IV. Announcements

- Jerri Moore, SOCAT Divisional Coordinator for the Tennessee Commission on Children and Youth, provided resources and a referral flyer for citizens age 0-21 to obtain assistance for any mental health services. Regional Overdose Prevention Specialist, Melesa Lassiter and Project Lifeline Representative, Brannon Powell announced a public training on October 15th to be held at the EMA building in Alamo, TN at 6:00pm. The training will include the availability and usage of Naloxone as well as information on opioids and substance misuse in general. Kendra Love, TN Housing Development Agency Divisional Coordinator, provided resources on available assistance through keepmyhome.org for those who have experienced hardships since 2010 that have left them unable to pay mortgage or utilities. Dottie Rinks, Director of Bancorp South Alamo Branch expressed an interest in partnering with the health council to provide information on the relationship between health and financial problems. Kacey Stribling, Early Childhood Starts Representative, announced she will begin prenatal classes for expectant mothers and mothers of children ages 0-3 years.

V. Adjournment

- Gary Reasons motioned to adjourn, second by Emily Oswald. Motion carried by unanimous vote. Meeting adjourned at 1:00.

GOLD SNEAKER POLICIES

Gold Sneaker Facilities will:

- offer children at least 60 minutes of physical activity per day
- limit television and video viewing to 60 minutes per day of educational programs
- not allow children to remain sedentary or passive for more than 60 minutes continuously
- ensure physical activity is a positive experience
- ensure appropriate feeding patterns, including breastfeeding
- ensure appropriate feeding patterns, including adequate time for meal consumption
- ensure appropriate infant and child feeding patterns, including appropriate portion sizes
- promote a positive attitude toward food, and
- maintain a tobacco free campus.

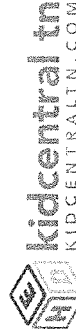
For policy details and to learn more about the Gold Sneaker Initiative, please go to: <http://tn.gov/health/topic/goldsneaker>

To become a Gold Sneaker facility, please contact

Joan Cook, MS, RD
(615) 253-8745
Joan.Cook@tn.gov



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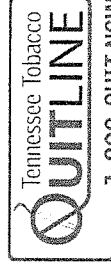
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GOLD SNEAKER INITIATIVE

For Childcare Facilities



safesleep.tn.gov



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1-800-784-8669
(1-877-559-3816)



TENNESSEE
BREASTFEEDING
HOTLINE
855-4BFMOMIS
855-423-6667

WHAT IS THE GOLD SNEAKER INITIATIVE?

The Gold Sneaker Initiative enhances policy related to health and wellness within licensed child care facilities in Tennessee. Gold Sneaker consists of 9 policies which deal with physical activity, nutrition and a tobacco-free campus.

Participation in Gold Sneaker is voluntary and FREE! Child care programs that implement the policies will earn a Gold Sneaker award and are designated a 'Gold Sneaker' child care facility. Training is available online, for which 2 hours of continuing education is awarded and recognized by the Department of Human Services.

"Being a Gold Sneaker facility is wonderful! Parents see the logo and ask questions and know that we are looking out for their child's well-being."
Gold Sneaker Facility

"The initial meeting was attended to earn credit hours. Sign up was easy and a great incentive. Requirements were reasonable and work within our program." Gold Sneaker Facility

"The Initiative has improved our facility's environment and I'm sure has made parents aware of healthy habits. Besides being a marketing tool, it has made us aware of change and improved our daily habits."
Gold Sneaker Facility

HOW DOES GOLD SNEAKER BENEFIT MY FACILITY?

A Gold Sneaker designated facility will receive:

- an incentive package, with \$200 worth of physical activity and nutrition resources
- a certificate signed by the Governor
- access to an electronic Gold Sneaker logo for parent letters, etc.
- two Gold Sneaker decals for your facility doors
- recognition on the Gold Sneaker web page, and
- a Gold Sneaker newsletter.

