

Healthy You(th) Needs Assessment

- The Healthy You(th) (HY) program is designed to decrease adolescent pregnancy by providing medically accurate information, increasing confidence and self-efficacy, and improving decision-making among adolescents ages 12-19 in communities throughout Tennessee.
- The **goal** of the program is to serve approximately 8,000 youth, including youth who are living in areas with rates of high teen births and STIs; culturally underrepresented; in or aging out of foster care; involved in the juvenile justice system; homeless; parenting teens; and/or opportunity youth (i.e., youth ages 16-19 who are neither working nor in schools).
- Several factors went into selecting counties to participate in Healthy You(th) including teen pregnancy and birth rates, STI rates, and systemic factors that are associated with higher teen pregnancy rates.
- Twenty-three counties are in the service area.

Birth and Pregnancy Rates

- More than half of Tennessee is considered rural (56.5%, n=39) and is **9th in the country for teen pregnancy rate and 10th in teen birth rate (15-19 years old)**.
- Tennessee averages 11.6 pregnancies per 1,000 females for 15-17 year olds and 56.6 for 18-19 year olds.
- In 2017, the teen birth rate among the state's 15-19 year olds ranked **6th** highest, at 27 births per 1,000, compared to the national rate of 19.
- The national birth rate is 7.2 per 1,000 females for 15-17 year olds, 32.3 for 18-19, and 17.4 for 15-19; whereas, Tennessee averages 9.6 births per 1,000 females for 15-17 year olds, 48.5 for 18-19, and 29.8 for 15-19.
- Compared to national averages, all but four counties (i.e., Chester, Haywood, Rutherford, Wilson) were significantly higher than the national average.

County	Pregnancy 10 th nationally		Birth 9 th nationally				
	15-17	18-19	15-17	18-19	15-19		
Bedford		**	††	**	††	**	††
Cheatham				*	††		†
Chester							
Cumberland		**	†	**	††	*	††
Davidson	*		*	††	††		
Fentress	**	*	**	††	**	††	††
Giles		**		**	††		††
Haywood							
Hickman		**		**	††	*	††
Humphreys		*	††	**	††		††
Lawrence				*	††		†
Lewis	*	**	**	††	**	††	**
Madison					††		†
Marion	*	**	**	††	**	††	**
Marshall			†		††		
Maury			††		††		
McNairy	**		**	††	††		††
Putnam			†		†		
Rutherford							
Sumner					††		
Van Buren	-	-	-	-	-	-	-
White		**	†	**	††		††
Wilson							
State	11.6	56.6	9.6	48.5	29.8		
National			7.2	32.3	17.4		

* >10% state average; † >10% national average
 **20% state average; †† 20% national average

Sexually Transmitted Infection Rates: Chlamydia, Gonorrhea, and HIV

- Tennessee exceeded the 2018 national rate for chlamydia by 5.4% and gonorrhea by 21.7%,
- Tennessee’s new HIV diagnosis rate ranked 13th in the nation.
- STIs are typically transmitted with risky sexual behaviors, such as unprotected sex—a behavior that is also associated with higher unintended pregnancy. Stigmatization around testing amongst this population may cause underreporting of STI rates.

County	Chlamydia (15-19) Per 10,000		Gonorrhea (15-19) Per 10,000		HIV (all ages)
Bedford					
Cheatham					
Chester			††		
Cumberland					
Davidson	**	††	††		15 new cases last year
Fentress					
Giles		†			
Haywood	**	††	**	††	15 new cases last year
Hickman					
Humphreys					
Lawrence					
Lewis				††	
Madison	**	††	**	††	
Marion					
Marshall					
Maury	**	††		††	
McNairy				†	
Putnam					
Rutherford					
Sumner					
Van Buren					
White					
Wilson					
State		2503.2		629.4	
National		2110.6		432.4	

* >10% state average; † >10% national average
 **20% state average; †† 20% national average

Systematic Factors Associated with Teen Pregnancy

- 48% of teen females in foster care have been pregnant, and are twice as likely to have had sex and 33% more likely to not use contraception.
- One-third of females in the juvenile justice system either are currently or have been pregnant.
- Over 50% of public school districts serve economically disadvantaged children at rates exceeding the state.
- The unintended pregnancy rate among women with incomes below the poverty threshold are more than 5 times the rate among women with incomes at least twice the poverty threshold.
- 22% of TN Youth live in poverty and 6% live in low-income houses where no adults work
- Median income among households with children under age 18 is over \$11,000 lower than the national average

	Youth in poverty	Unemployment	Disconnected youth	Graduation rates
Bedford	††	** ††	*	
Ceatham		** ††		*
Chester	††	** ††		
Cumberland	††	** ††	*	*
Davidson	†			**
Fentress	** ††			
Giles	††	** ††		
Haywood	** ††			*
Hickman	††		*	
Humphreys	††	** ††		
Lawrence	††	††	*	
Lewis	††	** ††		
Madison	* ††	** ††	*	
Marion	** ††	** ††	*	*
Marshall	††			*
Maury	††			
McNairy		** ††		
Putnam	††	** ††		
Rutherford				
Sumner				
Van Buren	* ††	** ††		*
White	††			
Wilson				
State	19.4	11.0	7.0	93
National	10.5	10.5		

* >10% state average; † >10% national average

**20% state average; †† 20% national average

Graduation rates: those with one asterisk (*) have at least 10% of students not graduate, whereas two asterisks (**) have rates higher than 20%.

For more information or the full needs assessment, contact Dr. Jordan Nelon at Jordan.nelon@centerstone.org



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Combined Data

County rates compared to state rates

Age Measure	Birth		Pregnancy		Chlamydia	Gonorrhea	HIV	Youth in poverty	Unemployment	Unemployment	Disconnected youth	Graduation
	15-17 Percent	18-19 Percent	15-17 Percent	18-19 Percent	15-19 Percent	15-19 Percent	All ages	Z-score	Z-score	Percent	Percent	Percent
Bedford		Yellow		Red					Red	Red	Yellow	
Cheatham										Red		Yellow
Chester									Red	Red		
Cumberland		Yellow		Yellow						Red	Yellow	Yellow
Davidson					Red		Red					Red
Fentress	Red		Yellow					Red				
Giles				Yellow						Red		
Haywood					Red	Red	Red	Red	Red	Red		Yellow
Hickman		Yellow		Yellow							Yellow	
Humphreys		Yellow		Yellow						Red		
Lawrence											Yellow	
Lewis	Yellow	Red	Yellow	Red					Red	Red		
Madison	Yellow		Yellow		Red	Red		Yellow		Red	Yellow	
Marion								Red		Red	Yellow	Yellow
Marshall		Red		Red								Yellow
Maury					Red							
McNairy									Yellow	Red		
Putnam									Red	Red		
Rutherford												
Sumner												
Van Buren								Yellow		Red		Yellow
White		Yellow		Yellow								
Wilson												

Note: yellow indicates 10% OR 1 standard deviation above state average; red indicates 20% OR 2 standard deviations above state average

County rates compared to national rates

	Birth		Chlamydia	Gonorrhea	HIV	Youth in poverty	Unemployment	Unemployment
	15-17 Percent	18-19 Percent	15-19 Percent	15-19 Percent	All ages	Z-score	Z-score	Percent
Bedford		Red				Red	Red	Red
Cheatham		Yellow						Red
Chester				Red		Red	Red	Red
Cumberland		Red				Red	Red	Red
Davidson			Red			Yellow	Red	Red
Fentress	Yellow					Red	Red	Red
Giles		Yellow				Red	Red	Red
Haywood			Red			Red	Red	Red
Hickman		Red				Red	Red	Red
Humphreys		Red				Red	Red	Red
Lawrence		Yellow				Red	Red	Red
Lewis	Yellow	Red		Red		Red	Red	Red
Madison	Yellow		Red			Red	Red	Red
Marion		Yellow				Red	Red	Red
Marshall	Yellow	Red				Red	Red	Red
Maury			Red			Red	Red	Red
McNairy				Yellow				Red
Putnam						Red	Red	Red
Rutherford								
Sumner								
Van Buren						Red	Red	Red
White		Red				Red	Red	Red
Wilson								

Note: yellow indicates 10% OR 1 standard deviation above national average; red indicates 20% OR 2 standard deviations above national average