



# Tennessee Public Schools:

## A summary of weight status data 2016-17

Tennessee Department of Education | September 2017



Department of  
**Education**

Coordinated  
School Health

Tennessee Department of Education  
Office of Coordinated School Health

Created in partnership with



The Tennessee Public Schools Summary of Weight Status Report 2016-17  
prepared by the Tennessee Department of Health,  
Division of Policy, Planning and Assessment  
Office of Healthcare Statistics

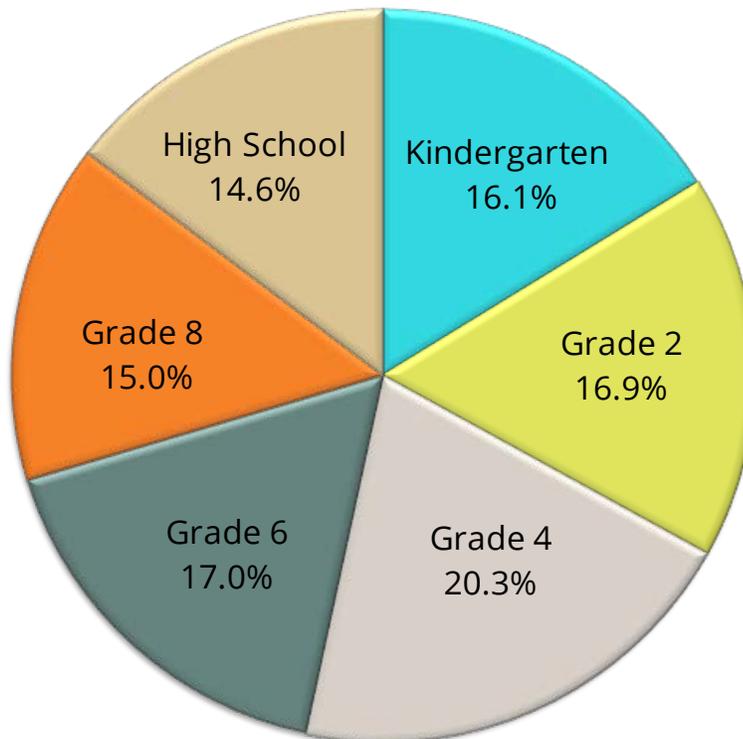
## Introduction

This summary presents weight status results from 307,270 students enrolled in Tennessee public schools during the 2016-17 school year in grades kindergarten, 2, 4, 6, 8, and any one year of high school. This report includes measurements submitted by 141 public school districts in Tennessee.

Body Mass Index (BMI) is calculated based on the height and weight measurements collected during screening in the current school year. BMI measurements are age and sex specific for children and teens. Some counties and school districts require an active opt in informed consent for BMI student data collection. This can have a significant impact on the number of students screened.

Overweight or obesity prevalence in this report refers to the proportion of public school students found to be overweight or obese during the school year. Overweight/obese was defined as BMI greater than or equal to the 85th percentile for children of the same age and sex. Statistical significance was determined based on the comparison of 95percent confidence intervals.

### Percentage of Students Assessed, Tennessee Public Schools, 2016-17

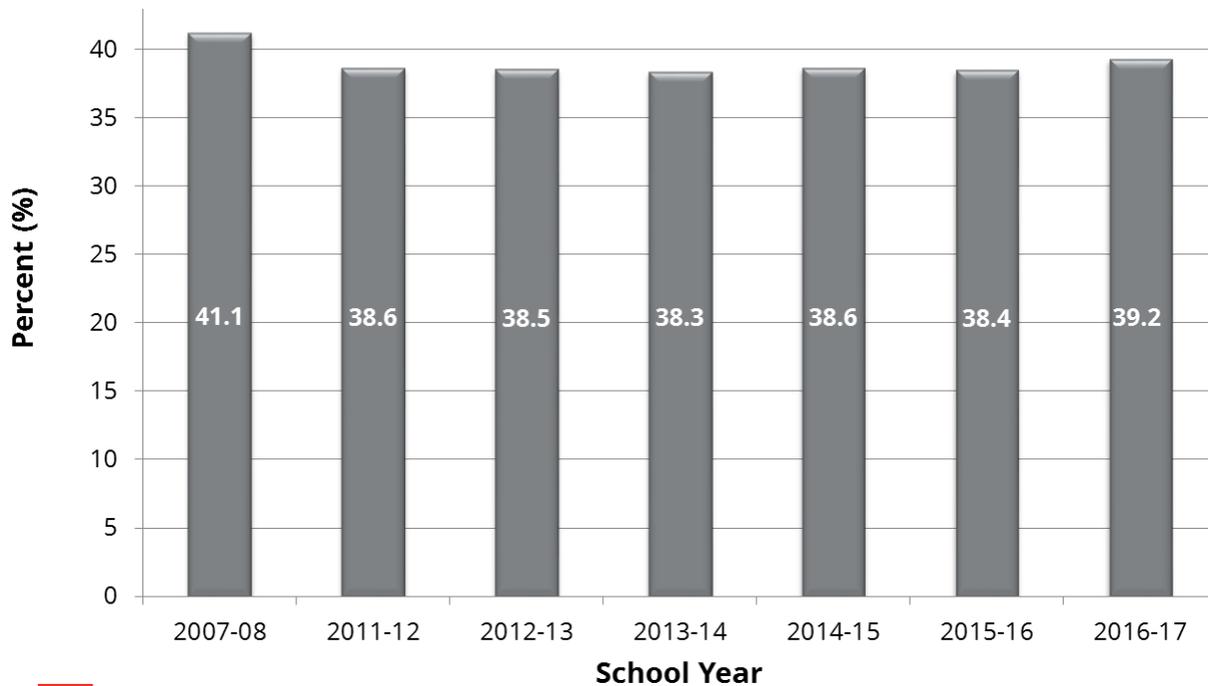


## Key Findings

Key findings include:

- Overall, 57.6 percent of students had Body Mass Index measurements within normal range, 22.4 percent of students were obese, 16.9 percent were overweight, and the remaining 3.2 percent were underweight ([see figure](#)).
- The prevalence of overweight or obesity during the 2016-17 school year has significantly decreased from the 2007-08 school year.
- Students in rural counties had a higher prevalence of overweight/obesity (40.9 percent) compared to those in metropolitan counties (35.8 percent).
- Overweight or obesity prevalence increased with increasing grade level through grade 8 (kindergarten: 29.7percent; grade 2: 34.4 percent; grade 4: 40.5 percent; grade 6: 43.9 percent; grade 8: 44.2 percent; high school: 43.2 percent).
- Overall, childhood obesity in Tennessee public schools remained steady from 2011-12 to 2015-16 school year, around 38.5 percent. There was a significant increase in the prevalence of overweight or obesity to 39.2 percent in the 2016-17 school year compared to 2015-16.

**Prevalence Trend of Overweight or Obesity,  
Tennessee Public Schools, 2007-08 to 2016-17**

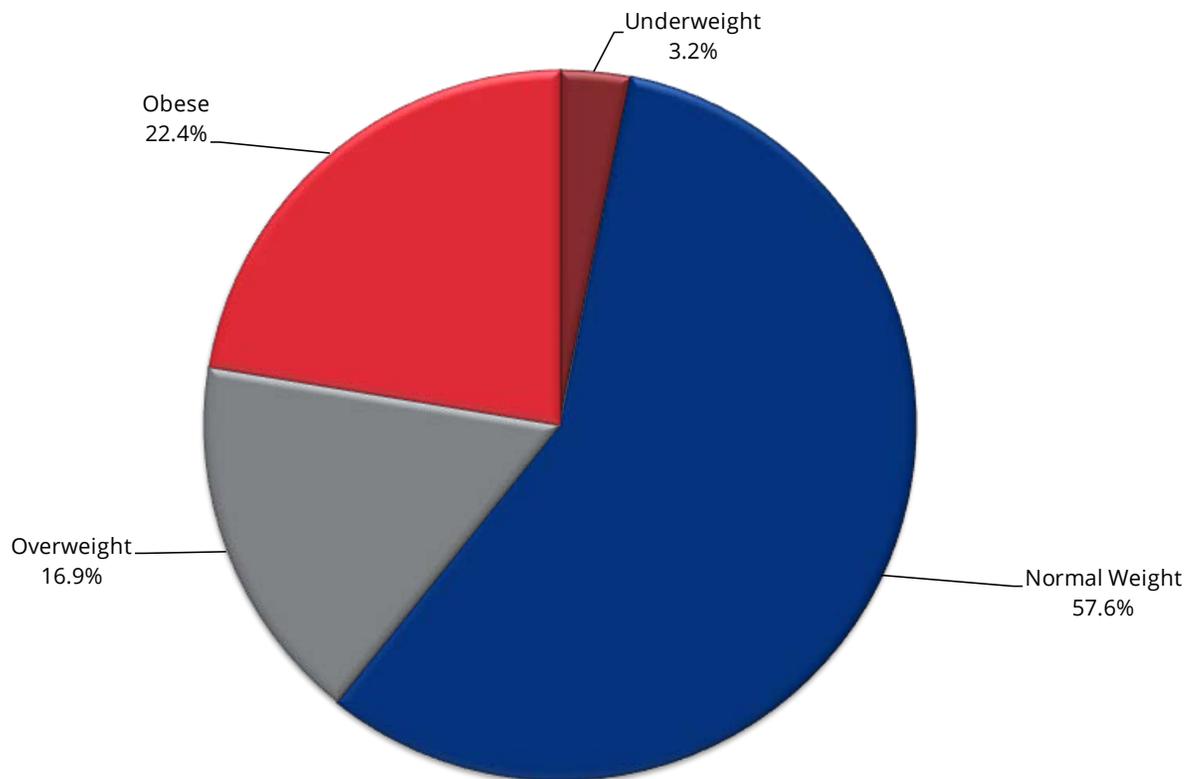


Data Source: Body Mass Index Data, 2007-08 to 2016-17, Office of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee

## Student Characteristics

An equal proportion of boys and girls were assessed for the 2016-17 school year (51.3 percent and 48.7 percent, respectively). Of those assessed: 16.1 percent were kindergarteners, 16.9 percent were 2nd graders, 4th graders represented 20.3 percent of the population, 32.0 percent were either 6th or 8th graders while high schoolers made up 14.6 percent of those screened.

### Body Weight Status Tennessee Public Schools, 2016-17



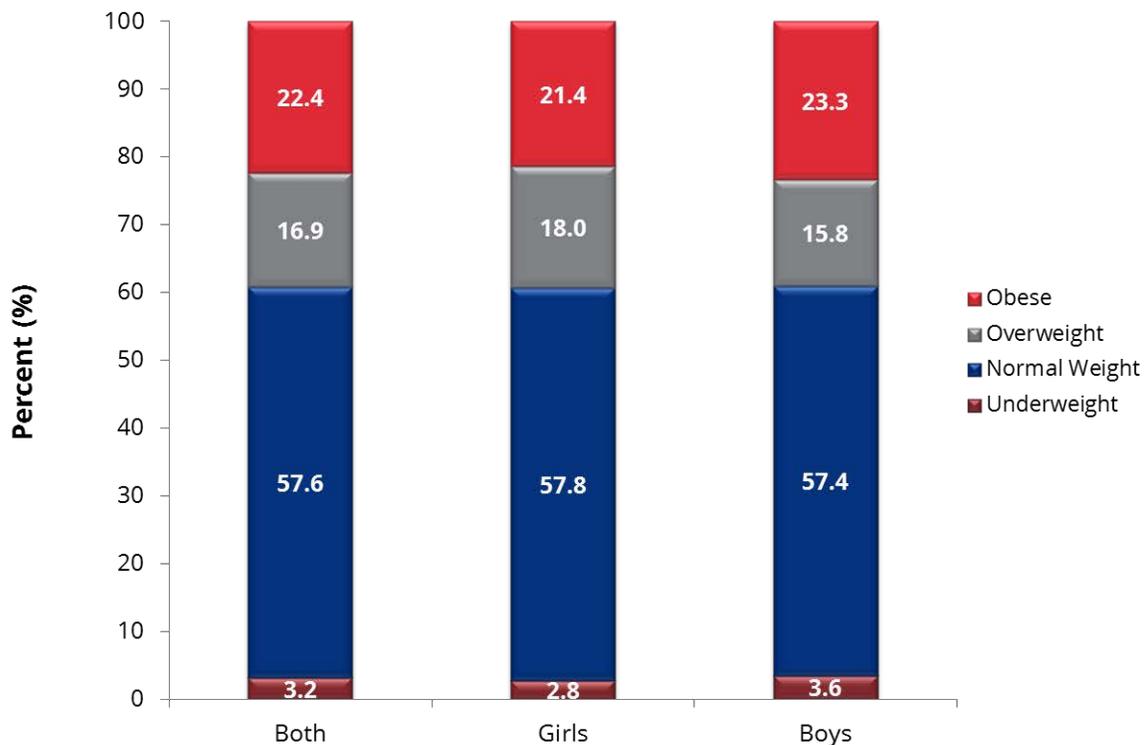
\* Approximately 2 out of every 5 Tennessee public school students (grades K, 2, 4, 6, 8 and one year of high school) assessed during this period were overweight or obese.

## Weight Status Distribution by Gender

Overall, the normal weight rate among girls was similar to that of boys (57.8 percent vs. 57.4 percent respectively).

- Nearly 40 percent of all students were either overweight or obese.
- The overweight/obesity rate among girls was similar to that of boys (39.4 percent vs. 39.1 percent respectively) ([see table](#)).
- Boys were more likely to be obese than girls (23.3 percent vs. 21.4 percent respectively).
- However, girls were more likely to be overweight than boys (18.0 percent vs. 15.8 percent respectively).

**Weight Status Distribution by Gender,  
Tennessee Public Schools, 2016-17**

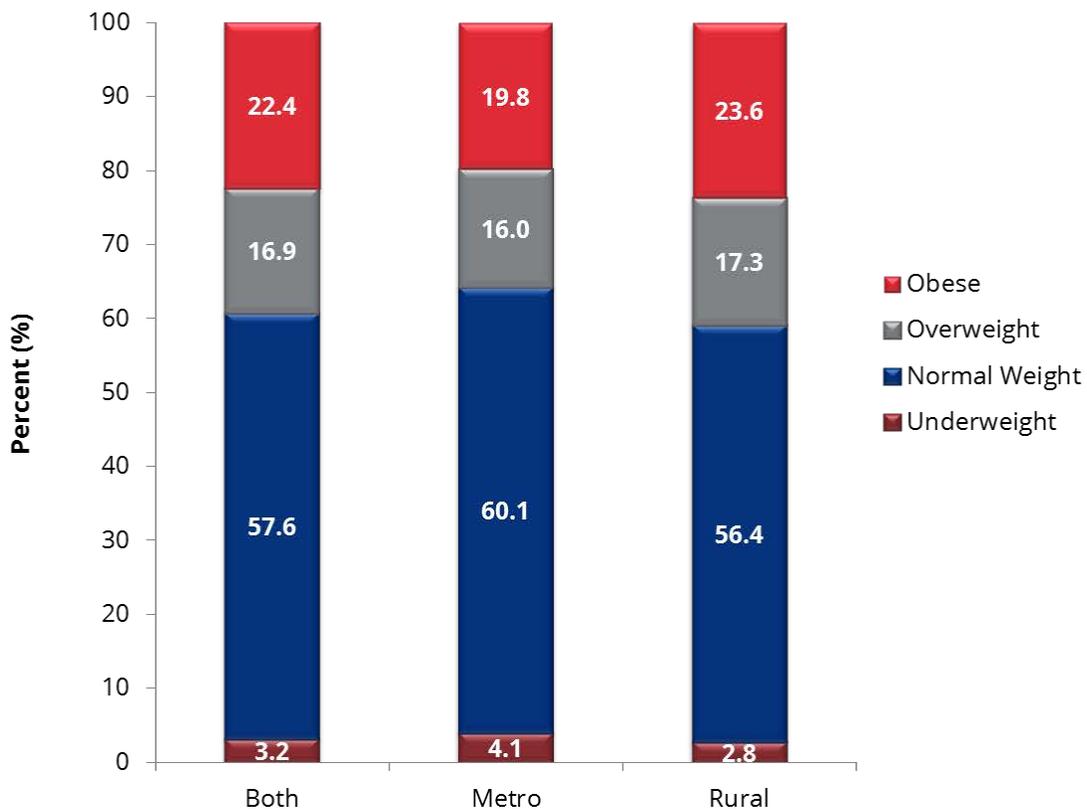


## Weight Status Distribution by Metro Rural Counties

Most students screened were outside of the metropolitan counties<sup>1</sup> (67.5 percent).

- Metropolitan county students were more likely to be normal weight than rural county students (60.1 percent vs. 56.4 percent respectively).
- Rural students were more likely to be obese than metro students (23.6 percent vs. 19.8 percent respectively).
- Rural students were more likely to be overweight than metro students (17.3 percent vs. 16.0 percent respectively).

**Weight Status Distribution by Metro Rural Counties, Tennessee Public Schools, 2016-17**



Data Source: Body Mass Index Data, 2007-08 to 2016-17, Office of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee

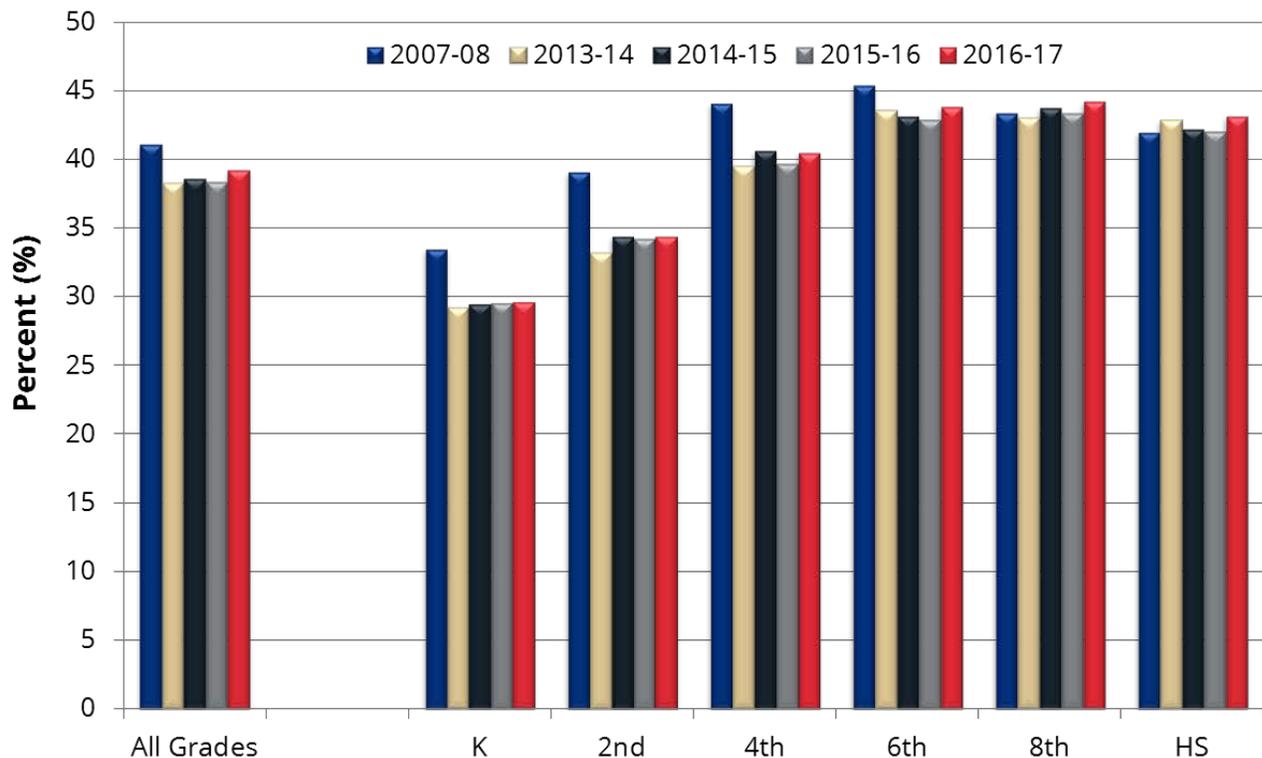
<sup>1</sup> Davidson, Hamilton, Knox, Madison, Shelby, and Sullivan are considered metropolitan counties and the remaining counties are considered rural.

## Overweight or Obesity Prevalence

Between 2007-08 and 2016-17, there was a decline in the prevalence of overweight/obesity in Tennessee public schools.

- The overweight or obesity rate declined in kindergarten, grade 2, grade 4, and grade 6 between 2007-08 and 2016-17. The overweight/obesity rate increased in high school for the same period. There was no significant change in the rate for grade 8.
- The overall overweight/obesity rate increased across all grades in the 2016-17 school year compared to the 2015-16 school year (39.2 percent vs. 38.4 percent). The rate increase was significant for grade 6 and high school for the same time period.

### Overweight or Obesity Prevalence by Grade, Tennessee Public Schools, 2007-08, 2013-14, 2014-15, 2015-16, and 2016-17

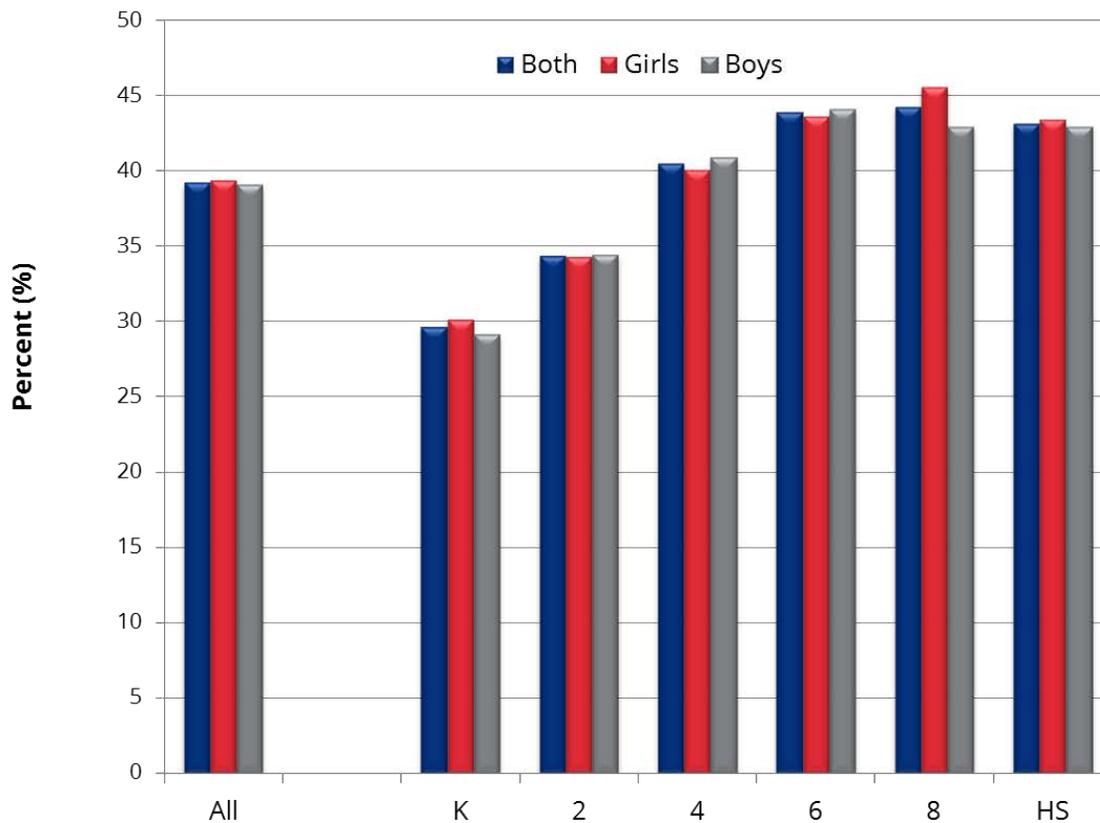


## Overweight or Obesity by Gender and Grade

The overweight/obesity rate was 40 percent or higher in grade 4, grade 6, grade 8 and high school for both girls and boys.

- Boys had the highest rates of overweight/obesity during grades 6 and 8 (44.1 percent and 42.9 percent respectively).
- Girls had the highest rates of overweight/obesity during grade 8 (45.6 percent).
- In the rural counties, there was no statistical difference between the overweight/obesity rates of girls and boys. However, among metropolitan counties, the rate among girls was slightly higher compared to boys (36.5 percent vs. 35.2 percent respectively).

**Overweight or Obesity Prevalence by Gender and Grade, Tennessee Public Schools, 2016-17**

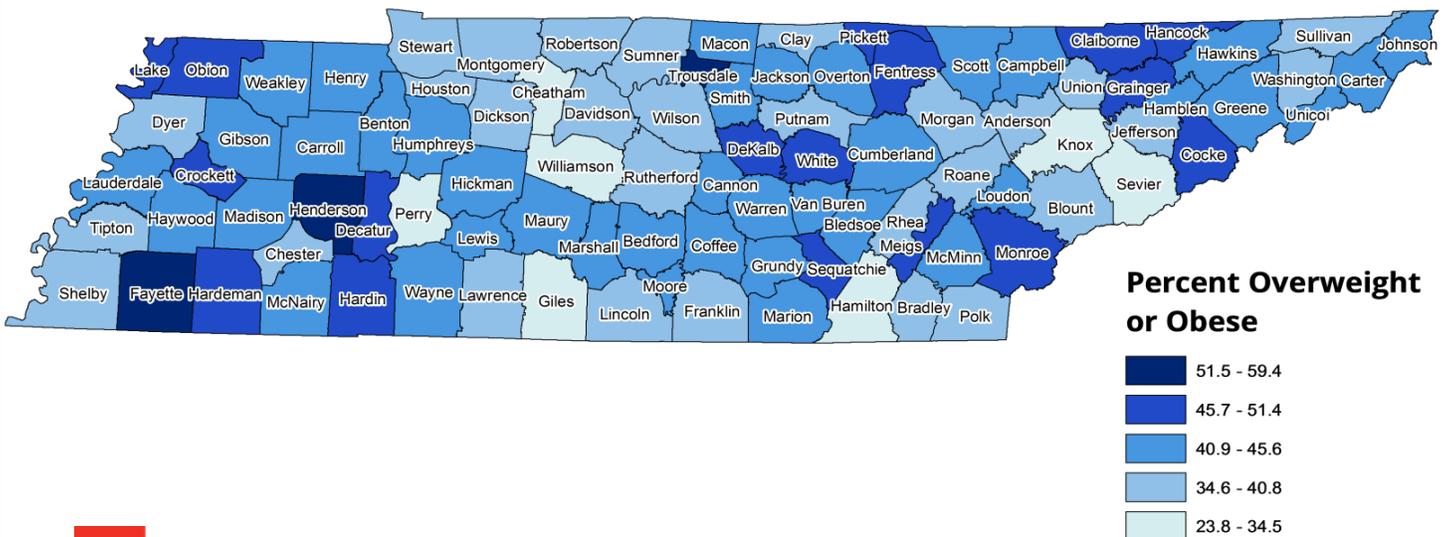


## Overweight or Obesity Prevalence by County

The overweight/obesity prevalence rate varied by county, ranging from 23.8 percent (Williamson County) to 59.4 percent (Henderson County) for the 2016-17 school year ([see table](#)).

- The five counties with the highest overweight/obesity prevalence for the current school year were Henderson (59.4 percent), Trousdale (57.0 percent), Fayette (54.6 percent), Hancock (51.4 percent), and Grainger (50.0 percent).
- The five counties with the lowest overweight/obesity prevalence for the current school year were Williamson (23.8 percent), Perry (29.6 percent), Knox (30.3 percent), Hamilton (33.1 percent), Cheatham (34.3 percent) and Sevier (34.3 percent).
- Thirteen (13) counties, with available data for 2007-08 and 2016-17 school years, experienced a significant decrease in the prevalence of overweight/obesity (Davidson, Franklin, Giles, Houston, Knox, Perry, Putnam, Robertson, Sevier, Sumner, Washington, Williamson, Wilson) in 2016-17 compared to 2007-08.

### Overweight or Obesity Prevalence by County, Tennessee Public Schools, 2016-17



Data Source: Body Mass Index Data, 2007-08 to 2016-17, Office of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee

## Overweight or Obesity Prevalence by School District

The overweight/obesity prevalence rate varied by school district, ranging from 20.1 percent (Lakeland) to 64.3 percent (Henderson) for the 2016-17 school year ([see table](#)).

- The school districts with the highest overweight/obesity prevalence for the current school year were Henderson County (64.3 percent), Trousdale County (57.0 percent), Fayette County (54.6 percent), Alvin York (53.9 percent), Hancock County (51.4 percent), and Crockett County (51.4 percent).
- The five school districts with the lowest overweight/obesity prevalence for the current school year were Lakeland (20.1 percent), Williamson County<sup>2</sup> (20.6 percent), Collierville (25.3 percent), Germantown (25.4 percent), and Perry County (29.6 percent).
- Among the school districts with data for both the 2013-14 and 2016-17 school years, the following districts had a lower overweight/obesity rate in 2016-17 than in 2013-14: Giles County, Hamblen County, Houston County, Knox County, Richard City, Robertson County, Sevier County, Union County and Williamson County<sup>2</sup>.
- Among the school districts with data for both the 2013-14 and 2016-17 school years, the following districts had a higher overweight/obesity rate in 2016-17 than in 2013-14: Cannon County, Cleveland, Fayette County, Hardeman County, Hardin County, Henderson County, Johnson City, Lebanon SSD, Montgomery County, Rutherford County, Shelby County and Sumner County.

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<sup>2</sup> Williamson County school district data does not include Franklin Special School District and differs from county level data.



**Overweight or obesity\* prevalence among Tennessee public school students, by county, 2007-08, 2014-15, 2015-16 and 2016-17 School Years.**

County	2007-08		2014-15		2015-16		2016-17		Change from 2007-08 to 2016-17
	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	
<b>Tennessee</b>	<b>41.1</b>	<b>40.9 - 41.4</b>	<b>38.6</b>	<b>38.4 - 38.8</b>	<b>38.4</b>	<b>38.2 - 38.6</b>	<b>39.2</b>	<b>39.1 - 39.4</b>	Decrease
Anderson	42.1	40.4 - 43.8	37.5	35.7 - 39.2	39.3	37.7 - 40.9	39.7	38.2 - 41.3	
Bedford	36.7	32.7 - 40.6	41.4	39.6 - 43.3	40.5	38.7 - 42.2	43.4	39.9 - 47.0	
Benton	<b>No Data</b>		44.5	41.0 - 48.1	47.6	43.9 - 51.3	43.3	39.5 - 47.1	Limited Data
Bledsoe	41.0	37.4 - 44.7	44.5	40.5 - 48.5	40.5	36.5 - 44.6	43.1	37.8 - 48.5	
Blount	39.2	38.1 - 40.4	35.4	33.6 - 37.1	38.7	37.6 - 39.7	37.8	36.7 - 39.0	
Bradley	41.2	39.8 - 42.7	38.5	37.2 - 39.7	39.1	37.8 - 40.3	38.8	37.5 - 40.0	
Campbell	<b>No Data</b>		46.2	42.7 - 49.6	47.1	44.1 - 50.2	45.0	42.1 - 47.9	Limited Data
Cannon	38.6	35.1 - 42.1	41.8	38.2 - 45.4	40.3	36.7 - 43.9	43.5	39.9 - 47.0	
Carroll	39.6	37.1 - 42.0	46.0	43.7 - 48.3	44.0	41.7 - 46.3	43.3	40.9 - 45.7	
Carter	42.1	39.4 - 44.8	43.2	41.2 - 45.2	41.7	39.8 - 43.6	42.0	40.2 - 43.9	
Cheatham	34.9	32.8 - 37.0	36.7	34.7 - 38.7	35.1	32.9 - 37.3	34.3	32.1 - 36.6	
Chester	35.9	32.8 - 39.0	39.5	36.4 - 42.6	37.8	34.7 - 40.9	36.1	32.2 - 40.0	
Claiborne	37.6	32.6 - 42.6	50.3	47.8 - 52.9	46.9	44.4 - 49.5	48.2	45.6 - 50.8	Increase
Clay	48.1	43.4 - 52.9	44.9	40.6 - 49.2	40.2	35.8 - 44.6	39.2	34.7 - 43.8	
Cocke	45.2	43.1 - 47.3	47.1	44.6 - 49.6	47.2	45.1 - 49.4	48.2	46.1 - 50.2	
Coffee	41.8	40.2 - 43.4	47.0	45.4 - 48.6	40.6	39.0 - 42.2	41.4	39.8 - 43.0	
Crockett	40.4	37.5 - 43.3	48.5	45.8 - 51.3	48.4	45.4 - 51.4	47.9	45.1 - 50.6	Increase
Cumberland	43.8	41.9 - 45.6	44.7	42.9 - 46.5	42.3	40.5 - 44.1	44.7	42.7 - 46.6	
Davidson	39.9	38.1 - 41.7	36.9	36.3 - 37.5	36.7	36.1 - 37.3	36.6	36.0 - 37.2	Decrease
DeKalb	46.2	43.3 - 49.0	45.9	42.9 - 48.9	45.0	42.0 - 48.0	46.8	44.0 - 49.6	
Decatur	38.9	35.0 - 42.9	45.3	41.8 - 48.8	48.0	44.4 - 51.6	47.5	43.9 - 51.2	Increase
Dickson	36.6	33.2 - 40.0	40.8	39.2 - 42.5	35.2	33.5 - 36.9	37.6	35.9 - 39.3	
Dyer	43.7	41.6 - 45.9	40.4	38.5 - 42.2	41.5	39.6 - 43.4	40.5	38.7 - 42.4	
Fayette	49.7	46.9 - 52.4	43.2	39.7 - 46.6	41.2	38.1 - 44.3	54.6	51.4 - 57.7	
Fentress	50.1	47.0 - 53.2	50.6	47.5 - 53.8	47.0	44.0 - 50.0	49.3	46.3 - 52.2	
Franklin	43.5	41.4 - 45.6	38.3	36.0 - 40.6	33.7	31.5 - 35.9	37.7	35.3 - 40.0	Decrease
Gibson	41.4	39.8 - 43.0	43.2	41.5 - 45.0	43.7	42.1 - 45.3	44.1	42.5 - 45.7	
Giles	42.0	39.5 - 44.4	42.6	40.0 - 45.1	32.0	29.6 - 34.4	34.5	32.1 - 36.9	Decrease
Grainger	48.3	45.8 - 50.9	50.8	48.3 - 53.3	50.0	47.4 - 52.5	50.0	47.4 - 52.5	
Greene	43.4	41.4 - 45.3	43.2	41.4 - 44.9	43.2	41.6 - 44.8	42.7	41.1 - 44.3	
Grundy	45.1	41.9 - 48.3	41.2	37.6 - 44.9	38.9	34.5 - 43.4	42.0	37.8 - 46.2	
Hamblen	44.5	42.5 - 46.5	55.7	54.2 - 57.2	44.7	43.1 - 46.2	45.6	44.1 - 47.1	
Hamilton	34.6	32.4 - 36.7	32.9	32.0 - 33.8	34.5	33.8 - 35.3	33.1	32.3 - 33.8	
Hancock	51.0	46.4 - 55.6	53.9	49.2 - 58.7	46.0	41.1 - 50.8	51.4	46.7 - 56.2	
Hardeman	44.2	41.2 - 47.3	44.4	41.6 - 47.2	43.2	40.2 - 46.3	46.0	43.3 - 48.7	
Hardin	49.7	47.1 - 52.4	43.8	41.0 - 46.7	40.9	38.1 - 43.7	48.7	46.2 - 51.3	
Hawkins	47.6	44.8 - 50.4	45.4	43.5 - 47.3	45.8	43.9 - 47.6	44.9	43.1 - 46.8	
Haywood	46.0	43.3 - 48.7	42.5	39.8 - 45.2	42.3	39.5 - 45.0	44.8	42.0 - 47.7	
Henderson	39.5	37.1 - 41.8	44.8	42.6 - 47.0	45.3	42.9 - 47.6	59.4	57.1 - 61.7	Increase
Henry	44.2	41.8 - 46.5	42.8	40.7 - 44.9	42.7	40.2 - 45.2	42.7	40.6 - 44.8	
Hickman	43.7	41.2 - 46.1	49.2	46.5 - 52.0	46.1	43.1 - 49.1	42.8	40.2 - 45.4	
Houston	48.1	43.9 - 52.3	41.2	36.9 - 45.4	42.2	37.5 - 46.9	37.4	32.1 - 42.7	Decrease
Humphreys	40.1	37.3 - 42.9	41.7	38.7 - 44.8	44.0	41.0 - 47.0	42.9	39.9 - 46.0	
Jackson	<b>No Data</b>		35.8	29.9 - 41.7	43.7	39.2 - 48.3	44.0	39.6 - 48.3	Limited Data
Jefferson	43.2	41.3 - 45.1	40.0	36.8 - 43.2	40.2	36.8 - 43.6	38.1	34.6 - 41.6	
Johnson	43.3	40.0 - 46.5	40.2	36.5 - 43.8	43.2	39.4 - 46.9	43.7	40.0 - 47.3	
Knox	38.6	37.1 - 40.0	36.1	35.3 - 36.9	32.9	32.2 - 33.6	30.3	29.6 - 31.0	Decrease
Lake	49.0	43.9 - 54.2	46.5	41.3 - 51.7	52.8	47.6 - 58.0	48.4	43.1 - 53.7	
Lauderdale	45.2	42.7 - 47.7	42.0	39.7 - 44.3	49.5	47.1 - 51.9	43.9	41.5 - 46.3	
Lawrence	42.2	40.3 - 44.2	40.8	39.0 - 42.6	40.8	39.0 - 42.7	40.0	38.2 - 41.9	
Lewis	<b>No Data</b>		47.6	44.1 - 51.1	46.6	43.0 - 50.3	45.2	41.4 - 49.1	Limited Data



### Overweight or obesity\* prevalence among Tennessee public school students, by county, 2007-08, 2014-15, 2015-16 and 2016-17 School Years.

County	2007-08		2014-15		2015-16		2016-17		Change from 2007-08 to 2016-17
	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	
Lincoln	41.7	39.4 - 43.9	41.6	39.4 - 43.8	39.7	37.5 - 41.9	39.3	37.1 - 41.5	
Loudon	42.4	40.5 - 44.2	42.1	40.1 - 44.2	41.8	39.8 - 43.7	43.4	41.4 - 45.4	
Macon	43.8	41.4 - 46.3	44.2	41.8 - 46.6	50.1	47.7 - 52.5	42.8	40.3 - 45.2	
Madison	39.7	38.0 - 41.5	42.3	41.0 - 43.7	41.8	40.4 - 43.2	41.1	39.8 - 42.5	
Marion	43.3	39.8 - 46.8	44.5	42.0 - 47.0	40.7	38.3 - 43.2	44.5	42.0 - 46.9	
Marshall	<b>No Data</b>		42.6	40.3 - 45.0	40.0	37.4 - 42.6	41.7	39.1 - 44.3	Limited Data
Maury	41.3	38.3 - 44.3	40.2	38.9 - 41.5	41.7	40.2 - 43.1	41.7	40.3 - 43.1	
McMinn	44.1	42.0 - 46.2	44.0	42.2 - 45.8	44.1	42.3 - 46.0	44.0	42.2 - 45.8	
McNairy	40.4	38.2 - 42.7	43.8	41.3 - 46.2	44.3	42.0 - 46.6	44.8	42.4 - 47.2	
Meigs	42.8	39.2 - 46.4	47.4	43.8 - 51.0	45.3	41.5 - 49.0	48.4	44.3 - 52.5	
Monroe	45.5	43.7 - 47.3	46.4	44.6 - 48.2	47.5	45.1 - 49.8	47.5	45.7 - 49.3	
Montgomery	36.7	35.1 - 38.2	33.5	32.6 - 34.4	33.3	32.3 - 34.3	37.5	36.6 - 38.5	
Moore	42.3	37.4 - 47.1	34.4	29.6 - 39.2	36.2	31.2 - 41.3	41.6	36.4 - 46.8	
Morgan	40.9	38.1 - 43.8	40.9	38.1 - 43.7	40.4	37.5 - 43.3	39.7	36.7 - 42.7	
Obion	44.5	41.7 - 47.3	45.6	43.4 - 47.9	45.2	43.1 - 47.3	46.1	43.9 - 48.3	
Overton	46.7	44.0 - 49.3	41.3	38.4 - 44.2	44.5	41.5 - 47.4	43.5	40.6 - 46.3	
Perry	39.5	34.7 - 44.3	31.5	26.0 - 37.0	40.3	35.5 - 45.1	29.6	24.5 - 34.6	Decrease
Pickett	46.4	40.5 - 52.3	45.7	40.3 - 51.0	55.5	49.7 - 61.3	49.3	43.7 - 55.0	
Polk	41.6	38.5 - 44.7	37.4	34.4 - 40.4	39.9	36.9 - 42.9	39.8	36.7 - 42.8	
Putnam	44.4	42.8 - 46.0	38.2	36.0 - 40.4	37.4	35.3 - 39.5	37.8	35.6 - 40.1	Decrease
Rhea	43.1	40.7 - 45.4	37.8	35.6 - 39.9	43.4	41.2 - 45.6	40.8	38.7 - 43.0	
Roane	41.4	40.1 - 42.8	38.2	36.2 - 40.2	41.5	39.5 - 43.5	38.7	36.7 - 40.7	
Robertson	48.4	44.9 - 51.8	41.9	39.8 - 43.9	40.5	38.5 - 42.6	39.0	36.4 - 41.5	Decrease
Rutherford	40.9	39.3 - 42.5	38.3	37.6 - 39.0	40.5	39.6 - 41.4	40.3	39.6 - 41.0	
Scott	43.4	40.8 - 46.0	43.8	41.4 - 46.2	45.9	43.5 - 48.4	45.1	42.7 - 47.5	
Sequatchie	39.2	35.9 - 42.5	39.5	36.1 - 42.8	44.5	41.3 - 47.8	46.2	42.8 - 49.6	Increase
Sevier	42.7	40.6 - 44.8	37.7	36.1 - 39.2	35.9	34.4 - 37.4	34.3	33.0 - 35.7	Decrease
Shelby	<b>No Data</b>		40.1	39.3 - 40.9	34.3	33.9 - 34.7	38.9	38.4 - 39.4	Limited Data
Smith	45.2	42.6 - 47.9	43.4	40.7 - 46.0	43.2	40.5 - 45.9	42.0	39.2 - 44.8	
Stewart	43.6	40.5 - 46.7	35.9	32.6 - 39.1	37.8	34.6 - 40.9	39.1	36.2 - 42.0	
Sullivan	37.3	34.9 - 39.8	40.0	38.9 - 41.1	37.5	36.4 - 38.6	37.2	36.1 - 38.2	
Sumner	43.8	41.7 - 45.9	36.6	35.7 - 37.5	37.0	36.1 - 37.9	37.7	36.8 - 38.6	Decrease
Tipton	41.7	40.2 - 43.2	40.2	38.6 - 41.8	39.6	37.9 - 41.2	39.2	37.6 - 40.8	
Trousdale	46.7	42.6 - 50.8	42.6	38.3 - 46.9	51.7	47.3 - 56.1	57.0	52.5 - 61.4	
Unicoi	44.7	41.6 - 47.9	43.2	40.1 - 46.3	46.7	43.2 - 50.3	45.3	42.1 - 48.5	
Union	45.2	40.4 - 49.9	41.7	38.4 - 45.0	46.2	43.0 - 49.4	39.7	36.6 - 42.8	
Van Buren	46.9	41.2 - 52.6	41.9	36.1 - 47.7	47.0	41.2 - 52.8	43.3	37.2 - 49.4	
Warren	40.9	39.0 - 42.8	45.2	43.3 - 47.0	44.4	42.6 - 46.3	45.0	43.2 - 46.8	Increase
Washington	40.7	39.4 - 41.9	35.1	33.7 - 36.4	36.3	34.9 - 37.7	35.3	34.0 - 36.7	Decrease
Wayne	44.3	41.2 - 47.4	46.0	42.6 - 49.5	44.2	40.8 - 47.6	44.8	41.4 - 48.1	
Weakley	40.6	36.5 - 44.8	47.2	44.6 - 49.9	46.9	44.6 - 49.3	44.6	42.2 - 46.9	
White	<b>No Data</b>		44.1	41.7 - 46.5	46.0	43.4 - 48.5	47.0	44.4 - 49.5	Limited Data
Williamson	29.1	28.3 - 29.8	24.0	22.9 - 25.1	21.6	20.5 - 22.6	23.8	22.6 - 24.9	Decrease
Wilson	40.0	38.8 - 41.1	36.5	35.5 - 37.6	36.8	35.8 - 37.9	37.3	36.2 - 38.3	Decrease

\*Overweight/obese was defined as BMI greater than or equal to the 85<sup>th</sup> percentile for children of the same age and sex.

Decrease or Increase indicates a statistically significant change from 2007-08 to 2016-17.

No Data indicates data was not collected or submitted for the school year.

Limited Data indicates change cannot be calculated due to no data available during comparison year.

Data Source: Body Mass Index Data, 2007-08 to 2016-17, Office of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee



### Overweight or obesity\* prevalence among Tennessee public school students, by grade, 2007-08, 2015-16 and 2016-17 School Years.

Grade	Gender	2007-08		2015-16		2016-17		Change from 2007-08 to 2016-17
		Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	
<b>All Grades</b>	<b>Both</b>	<b>41.14</b>	<b>40.91 - 41.37</b>	<b>38.40</b>	<b>38.23 - 38.57</b>	<b>39.24</b>	<b>39.06 - 39.41</b>	Decrease
	<b>Girls</b>	<b>39.59</b>	<b>39.27 - 39.92</b>	<b>38.38</b>	<b>38.13 - 38.62</b>	<b>39.39</b>	<b>39.15 - 39.64</b>	
	<b>Boys</b>	<b>42.57</b>	<b>42.25 - 42.89</b>	<b>38.42</b>	<b>38.18 - 38.65</b>	<b>39.09</b>	<b>38.84 - 39.33</b>	Decrease
K	Both	33.48	32.96 - 34.00	29.54	29.14 - 29.93	29.66	29.26 - 30.06	Decrease
	Girls	33.20	32.45 - 33.95	29.59	29.03 - 30.15	30.19	29.61 - 30.76	Decrease
	Boys	33.73	33.01 - 34.45	29.48	28.94 - 30.03	29.16	28.60 - 29.72	Decrease
2nd	Both	39.10	38.57 - 39.64	34.26	33.87 - 34.64	34.39	33.98 - 34.79	Decrease
	Girls	37.94	37.18 - 38.70	34.66	34.11 - 35.22	34.29	33.70 - 34.87	Decrease
	Boys	40.17	39.44 - 40.91	33.87	33.33 - 34.41	34.48	33.91 - 35.05	Decrease
4th	Both	44.06	43.51 - 44.61	39.71	39.31 - 40.10	40.51	40.13 - 40.90	Decrease
	Girls	42.13	41.35 - 42.92	39.13	38.56 - 39.69	40.07	39.52 - 40.62	Decrease
	Boys	45.89	45.12 - 46.66	40.26	39.71 - 40.82	40.94	40.40 - 41.48	Decrease
6th	Both	45.39	44.84 - 45.95	42.91	42.48 - 43.34	43.86	43.44 - 44.29	Decrease
	Girls	42.91	42.12 - 43.71	42.09	41.47 - 42.70	43.61	43.00 - 44.22	
	Boys	47.70	46.92 - 48.48	43.68	43.08 - 44.28	44.10	43.51 - 44.70	Decrease
8th	Both	43.36	42.79 - 43.93	43.37	42.92 - 43.82	44.22	43.77 - 44.67	
	Girls	42.07	41.25 - 42.89	44.35	43.70 - 45.00	45.59	44.94 - 46.25	Increase
	Boys	44.53	43.74 - 45.32	42.47	41.84 - 43.09	42.95	42.32 - 43.57	Decrease
High School	Both	41.99	41.36 - 42.61	42.03	41.58 - 42.48	43.15	42.70 - 43.61	Increase
	Girls	39.55	38.66 - 40.45	42.08	41.43 - 42.73	43.39	42.73 - 44.05	Increase
	Boys	44.22	43.35 - 45.10	41.98	41.35 - 42.61	42.93	42.29 - 43.57	

\*Overweight/obese was defined as BMI greater than or equal to the 85<sup>th</sup> percentile for children of the same age and sex.

Decrease or Increase indicates a statistically significant change from 2007-08 to 2016-17.

Data Source: Body Mass Index Data, 2007-08 to 2016-17, Office of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee



**Overweight or obesity\* prevalence among Tennessee public school students, by school district, 2013-14, 2014-15, 2015-16 and 2016-17 School Years.**

District	2013-14		2014-15		2015-16		2016-17		Change from 2013-14 to 2016-17
	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	
<b>Tennessee</b>	<b>38.3</b>	<b>38.2 - 38.5</b>	<b>38.6</b>	<b>38.4 - 38.8</b>	<b>38.4</b>	<b>38.2 - 38.6</b>	<b>39.2</b>	<b>39.1 - 39.4</b>	
Alamo	No Data		50.6	45.1 - 56.1	60.2	49.7 - 70.8	44.1	38.4 - 49.9	Limited Data
Alcoa City	34.6	31.3 - 38.0	31.4	29.1 - 33.7	37.3	34.9 - 39.7	34.3	31.2 - 37.3	No Change
Alvin York	No Data		No Data		No Data		53.9	46.0 - 61.9	Limited Data
Anderson County	42.4	40.4 - 44.3	40.4	38.0 - 42.8	42.3	40.3 - 44.3	42.9	40.9 - 45.0	No Change
Arlington Community	No Data		31.4	29.1 - 33.7	35.0	32.8 - 37.3	32.4	30.2 - 34.7	Limited Data
Athens City	40.9	37.4 - 44.3	38.7	35.1 - 42.2	39.2	35.4 - 43.0	37.5	33.9 - 41.1	No Change
Bartlett City Schools	No Data		34.8	33.2 - 36.4	30.8	29.3 - 32.3	32.5	30.9 - 34.0	Limited Data
Bedford County	44.7	42.9 - 46.5	41.4	39.6 - 43.3	40.5	38.7 - 42.2	43.4	39.9 - 47.0	No Change
Bells City	32.1	25.0 - 39.2	37.9	30.7 - 45.1	33.5	26.1 - 41.0	34.1	26.1 - 42.1	No Change
Benton County	46.9	43.4 - 50.3	44.5	41.0 - 48.1	47.6	43.9 - 51.3	43.3	39.5 - 47.1	No Change
Bledsoe County	39.3	35.6 - 43.0	44.5	40.5 - 48.5	40.5	36.5 - 44.6	43.1	37.8 - 48.5	No Change
Blount County	41.5	40.1 - 42.9	41.7	40.3 - 43.1	41.0	39.6 - 42.4	40.2	38.8 - 41.7	No Change
Bradford SSD	39.8	32.8 - 46.7	41.9	35.4 - 48.3	37.1	30.7 - 43.5	46.6	40.2 - 53.0	No Change
Bradley County	No Data		38.5	37.0 - 40.0	40.0	38.5 - 41.6	38.2	36.7 - 39.8	Limited Data
Bristol City	37.4	34.9 - 39.8	39.3	36.8 - 41.9	31.0	28.4 - 33.6	34.3	31.8 - 36.9	No Change
Campbell County	44.3	42.3 - 46.3	46.2	42.7 - 49.6	47.1	44.1 - 50.2	45.0	42.1 - 47.9	No Change
Cannon County	36.2	32.9 - 39.5	41.8	38.2 - 45.4	40.3	36.7 - 43.9	43.5	39.9 - 47.0	Increase
Carter County	43.8	41.3 - 46.2	43.6	41.1 - 46.0	43.3	40.9 - 45.7	43.9	41.4 - 46.3	No Change
Cheatham County	32.3	30.2 - 34.4	36.7	34.7 - 38.7	35.1	32.9 - 37.3	34.3	32.1 - 36.6	No Change
Chester County	37.8	34.7 - 40.8	39.5	36.4 - 42.6	37.8	34.7 - 40.9	36.1	32.2 - 40.0	No Change
Claiborne County	47.5	45.0 - 50.0	50.3	47.8 - 52.9	46.9	44.4 - 49.5	48.2	45.6 - 50.8	No Change
Clay County	41.1	36.5 - 45.7	44.9	40.6 - 49.2	40.2	35.8 - 44.6	39.2	34.7 - 43.8	No Change
Cleveland	34.1	32.6 - 35.6	38.4	36.3 - 40.6	37.3	35.3 - 39.4	39.7	37.7 - 41.8	Increase
Clinton City	41.7	37.2 - 46.3	36.9	32.3 - 41.5	41.6	36.8 - 46.3	40.2	35.2 - 45.1	No Change
Cocke County	45.3	43.1 - 47.5	48.7	45.7 - 51.6	47.3	45.0 - 49.7	48.2	46.0 - 50.4	No Change
Coffee County	40.8	38.4 - 43.3	56.0	53.6 - 58.3	45.3	42.9 - 47.8	45.1	42.7 - 47.5	No Change
Collierville	No Data		26.3	24.6 - 27.9	24.2	22.5 - 25.9	25.3	23.7 - 26.9	Limited Data
Crockett County	49.5	45.9 - 53.0	50.0	46.5 - 53.5	50.0	46.6 - 53.4	51.4	48.0 - 54.7	No Change
Cumberland County	42.8	41.0 - 44.6	44.7	42.9 - 46.5	42.3	40.5 - 44.1	44.7	42.7 - 46.6	No Change
Davidson County	35.6	35.1 - 36.2	36.9	36.3 - 37.5	36.7	36.1 - 37.3	36.6	36.0 - 37.2	No Change
Dayton City	37.8	33.0 - 42.6	45.9	42.9 - 48.9	37.7	32.6 - 42.8	36.5	31.6 - 41.3	No Change
Decatur County	45.0	41.4 - 48.6	45.3	41.8 - 48.8	48.0	44.4 - 51.6	47.5	43.9 - 51.2	No Change
DeKalb County	42.0	39.3 - 44.8	37.1	31.4 - 42.7	45.0	42.0 - 48.0	46.8	44.0 - 49.6	No Change
Dickson County	40.3	38.6 - 42.0	40.8	39.2 - 42.5	35.2	33.5 - 36.9	37.6	35.9 - 39.3	No Change
Dyer County	40.7	38.3 - 43.0	40.9	38.6 - 43.3	40.8	38.4 - 43.2	38.9	36.5 - 41.3	No Change
Dyersburg City	42.7	39.8 - 45.6	39.6	36.7 - 42.4	42.6	39.6 - 45.5	43.0	40.0 - 45.9	No Change
Etowah City	35.3	28.1 - 42.7	47.3	39.3 - 55.3	33.1	25.9 - 40.4	39.3	36.4 - 42.2	No Change
Elizabethton	40.4	37.2 - 43.6	42.5	39.2 - 45.8	39.2	36.2 - 42.3	42.9	35.2 - 50.7	No Change
Fayette County	44.8	41.9 - 47.7	43.2	39.7 - 46.6	41.2	38.1 - 44.3	54.6	51.4 - 57.7	Increase
Fayetteville City	37.1	34.5 - 39.8	41.8	37.7 - 45.9	37.4	33.6 - 41.2	36.7	32.7 - 40.8	No Change
Fentress County	47.0	44.1 - 49.8	50.5	47.6 - 53.5	47.0	44.0 - 50.0	48.5	45.4 - 51.7	No Change
Franklin County	36.5	34.5 - 38.5	38.3	36.0 - 40.6	33.7	31.5 - 35.9	37.7	35.3 - 40.0	No Change
Franklin SSD	No Data		35.0	32.0 - 38.1	30.3	27.8 - 32.8	33.2	30.7 - 35.8	Limited Data
Germantown	No Data		21.0	19.0 - 22.9	24.0	21.8 - 26.3	25.4	23.5 - 27.4	Limited Data
Gibson County SSD	40.2	37.8 - 42.6	40.3	37.1 - 43.5	42.7	40.3 - 45.1	41.4	39.0 - 43.7	No Change
Giles County	42.5	40.1 - 44.9	42.6	40.0 - 45.1	32.0	29.6 - 34.4	34.5	32.1 - 36.9	Decrease
Grainger County	50.6	48.1 - 53.2	50.8	48.3 - 53.3	50.0	47.4 - 52.5	50.0	47.4 - 52.5	No Change
Greene County	43.9	41.9 - 45.8	43.6	41.7 - 45.5	44.9	42.9 - 46.8	43.5	41.5 - 45.5	No Change
Greenville City	36.0	33.0 - 39.0	41.2	37.0 - 45.3	39.3	36.5 - 42.2	41.0	38.1 - 43.9	No Change
Grundy County	42.5	39.4 - 45.6	41.2	37.6 - 44.9	38.9	34.5 - 43.4	42.0	37.8 - 46.2	No Change
Hamblen County	51.7	50.1 - 53.2	55.7	54.2 - 57.2	44.7	43.1 - 46.2	45.6	44.1 - 47.1	Decrease
Hamilton County	32.0	31.0 - 33.0	32.9	32.0 - 33.8	34.5	33.8 - 35.3	33.1	32.3 - 33.8	No Change
Hancock County	46.8	42.0 - 51.6	53.9	49.2 - 58.7	46.0	41.1 - 50.8	51.4	46.7 - 56.2	No Change

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**Overweight or obesity\* prevalence among Tennessee public school students, by school district, 2013-14, 2014-15, 2015-16 and 2016-17 School Years.**

District	2013-14		2014-15		2015-16		2016-17		Change from 2013-14 to 2016-17
	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	
Hardeman County	40.0	37.3 - 42.7	44.4	41.6 - 47.2	43.2	40.2 - 46.3	46.0	43.3 - 48.7	Increase
Hardin County	42.1	39.2 - 45.0	43.8	41.0 - 46.7	40.9	38.1 - 43.7	48.7	46.2 - 51.3	Increase
Hawkins County	45.2	43.3 - 47.0	45.8	43.8 - 47.8	45.7	43.7 - 47.6	44.6	42.6 - 46.6	No Change
Haywood County	43.8	41.1 - 46.4	42.5	39.8 - 45.2	42.3	39.5 - 45.0	44.8	42.0 - 47.7	No Change
Henderson County	37.0	34.5 - 39.5	43.5	41.0 - 46.0	44.6	42.0 - 47.3	64.3	61.8 - 66.9	Increase
Henry County	45.6	42.8 - 48.4	42.6	39.8 - 45.3	41.5	38.2 - 44.8	41.5	38.8 - 44.2	No Change
Hickman County	47.5	44.8 - 50.3	49.2	46.5 - 52.0	46.1	43.1 - 49.1	42.8	40.2 - 45.4	No Change
Hollow Rock-Bruceston	45.3	38.9 - 51.7	44.0	37.4 - 50.6	23.8	18.3 - 29.3	43.4	36.1 - 50.8	No Change
Houston County	47.5	43.2 - 51.8	41.2	36.9 - 45.4	42.2	37.5 - 46.9	37.4	32.1 - 42.7	Decrease
Humboldt City	49.5	45.2 - 53.8	49.8	45.3 - 54.3	46.5	42.1 - 51.0	51.1	46.7 - 55.5	No Change
Humphreys County	41.7	38.8 - 44.7	41.7	38.7 - 44.8	44.0	41.0 - 47.0	42.9	39.9 - 46.0	No Change
Huntingdon SSD	50.5	46.0 - 55.1	43.0	38.4 - 47.6	47.3	42.8 - 51.9	43.1	38.7 - 47.4	No Change
Jackson County	No Data		35.8	29.9 - 41.7	43.7	39.2 - 48.3	44.0	39.6 - 48.3	Limited Data
Jefferson County	37.3	34.5 - 40.1	40.0	36.8 - 43.2	40.2	36.8 - 43.6	38.1	34.6 - 41.6	No Change
Johnson City	32.5	30.5 - 34.5	34.9	32.9 - 37.0	34.3	32.3 - 36.2	43.7	40.0 - 47.3	Increase
Johnson County	40.2	36.3 - 44.1	40.2	36.5 - 43.8	43.2	39.4 - 46.9	34.5	32.6 - 36.4	No Change
Kingsport City	35.8	34.1 - 37.5	39.1	37.4 - 40.9	35.9	34.2 - 37.7	35.3	33.6 - 37.0	No Change
Knox County	32.8	32.0 - 33.6	36.1	35.3 - 36.9	32.9	32.2 - 33.6	30.3	29.6 - 31.0	Decrease
Lake County	48.6	43.5 - 53.8	46.5	41.3 - 51.7	52.8	47.6 - 58.0	48.4	43.1 - 53.7	No Change
Lakeland	No Data		18.6	14.7 - 22.5	15.6	12.1 - 19.1	20.1	16.3 - 23.9	Limited Data
Lauderdale County	45.4	43.0 - 47.8	42.0	39.7 - 44.3	49.5	47.1 - 51.9	43.9	41.5 - 46.3	No Change
Lawrence County	40.5	38.7 - 42.3	40.8	39.0 - 42.6	40.8	39.0 - 42.7	40.0	38.2 - 41.9	No Change
Lebanon SSD	41.7	39.1 - 44.3	38.4	35.8 - 41.1	40.2	37.6 - 42.8	48.0	45.2 - 50.9	Increase
Lenoir City	45.1	41.6 - 48.6	46.5	41.8 - 51.1	45.5	41.1 - 49.8	46.5	42.4 - 50.6	No Change
Lewis County	49.4	46.0 - 52.9	47.6	44.1 - 51.1	46.6	43.0 - 50.3	45.2	41.4 - 49.1	No Change
Lexington City	41.3	37.1 - 45.5	49.1	44.5 - 53.7	47.1	42.5 - 51.7	44.6	40.0 - 49.3	No Change
Lincoln County	38.5	36.1 - 41.0	41.6	39.0 - 44.2	40.8	38.1 - 43.5	40.4	37.7 - 43.0	No Change
Loudon County	40.5	38.4 - 42.6	41.0	38.7 - 43.3	40.8	38.6 - 43.0	42.4	40.1 - 44.7	No Change
Macon County	46.7	44.3 - 49.1	44.2	41.8 - 46.6	50.1	47.7 - 52.5	42.8	40.3 - 45.2	No Change
Madison County	41.5	40.1 - 42.8	42.3	41.0 - 43.7	41.8	40.4 - 43.2	41.1	39.8 - 42.5	No Change
Manchester City	36.9	33.2 - 40.6	39.1	35.2 - 43.0	39.7	36.0 - 43.4	37.4	33.4 - 41.3	No Change
Marion County	40.5	38.1 - 42.9	44.7	42.1 - 47.3	41.0	38.4 - 43.5	44.3	41.8 - 46.8	No Change
Marshall County	45.8	43.1 - 48.5	42.6	40.3 - 45.0	40.0	37.4 - 42.6	41.7	39.1 - 44.3	No Change
Maryville City	35.0	33.1 - 36.9	34.7	32.8 - 36.7	34.9	33.0 - 36.9	32.7	30.3 - 35.1	No Change
Mauzy County	42.8	41.3 - 44.4	40.2	38.9 - 41.5	41.7	40.2 - 43.1	41.7	40.3 - 43.1	No Change
McKenzie SSD	46.1	42.2 - 50.0	48.1	44.2 - 51.9	46.3	42.2 - 50.4	40.1	35.8 - 44.4	No Change
McMinn County	45.0	42.8 - 47.2	45.7	43.5 - 47.9	46.7	44.5 - 48.9	46.4	44.2 - 48.5	No Change
McNairy County	41.1	38.9 - 43.4	43.8	41.3 - 46.2	44.3	42.0 - 46.6	44.8	42.4 - 47.2	No Change
Meigs County	44.8	41.2 - 48.4	47.4	43.8 - 51.0	45.3	41.5 - 49.0	48.4	44.3 - 52.5	No Change
Milan SSD	39.9	36.7 - 43.2	44.2	40.9 - 47.5	42.1	38.7 - 45.5	41.3	38.0 - 44.7	No Change
Millington	No Data		No Data		38.2	33.0 - 43.3	35.8	32.5 - 39.1	Limited Data
Monroe County	46.1	44.0 - 48.3	48.4	46.3 - 50.5	51.0	48.0 - 54.0	48.2	46.1 - 50.2	No Change
Montgomery County	33.8	32.9 - 34.7	33.5	32.6 - 34.4	33.3	32.3 - 34.3	37.5	36.6 - 38.5	Increase
Moore County	45.0	40.1 - 49.9	34.4	29.6 - 39.2	36.2	31.2 - 41.3	41.6	36.4 - 46.8	No Change
Morgan County	41.9	39.0 - 44.8	40.9	38.1 - 43.7	40.4	37.5 - 43.3	39.7	36.7 - 42.7	No Change
Murfreesboro City	34.8	33.1 - 36.4	37.3	35.6 - 38.9	35.8	34.2 - 37.4	35.7	34.1 - 37.3	No Change
Newport City	44.4	39.5 - 49.3	42.8	38.1 - 47.6	46.6	41.5 - 51.7	47.9	42.9 - 52.9	No Change
Oak Ridge City	29.1	26.9 - 31.3	32.4	29.3 - 35.4	30.8	27.9 - 33.8	33.9	31.3 - 36.5	No Change
Obion County	45.4	42.9 - 47.8	46.2	43.4 - 48.9	45.3	42.8 - 47.9	47.6	45.0 - 50.3	No Change
Oneida SSD	47.0	42.8 - 51.3	40.6	36.4 - 44.7	45.7	41.3 - 50.1	42.0	37.8 - 46.1	No Change
Overton County	41.4	38.7 - 44.1	41.3	38.4 - 44.2	44.5	41.5 - 47.4	43.5	40.6 - 46.3	No Change
Paris SSD	45.0	41.8 - 48.2	43.1	39.9 - 46.4	44.4	40.6 - 48.2	44.7	41.2 - 48.2	No Change
Perry County	37.8	33.2 - 42.4	31.5	26.0 - 37.0	40.3	35.5 - 45.1	29.6	24.5 - 34.6	No Change
Pickett County	51.2	45.8 - 56.7	45.7	40.3 - 51.0	55.5	49.7 - 61.3	49.3	43.7 - 55.0	No Change



**Overweight or obesity\* prevalence among Tennessee public school students, by school district, 2013-14, 2014-15, 2015-16 and 2016-17 School Years.**

District	2013-14		2014-15		2015-16		2016-17		Change from 2013-14 to 2016-17
	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	Percent overweight or obese	95% confidence interval	
Polk County	41.1	38.2 - 44.0	37.4	34.4 - 40.4	39.9	36.9 - 42.9	39.8	36.7 - 42.8	No Change
Putnam County	39.1	37.4 - 40.9	38.2	36.0 - 40.4	37.4	35.3 - 39.5	37.8	35.6 - 40.1	No Change
Rhea County	42.3	40.0 - 44.7	37.9	35.6 - 40.2	44.6	42.2 - 47.0	41.8	39.4 - 44.2	No Change
Richard City	75.2	67.6 - 82.8	41.6	32.0 - 51.2	38.2	29.6 - 46.8	47.2	36.8 - 57.6	Decrease
Roane County	38.2	36.4 - 40.0	38.2	36.2 - 40.2	41.5	39.5 - 43.5	38.7	36.7 - 40.7	No Change
Robertson County	43.7	42.3 - 45.1	41.9	39.8 - 43.9	40.5	38.5 - 42.6	39.0	36.4 - 41.5	Decrease
Rogersville City	37.1	32.1 - 42.2	42.3	36.8 - 47.8	46.6	40.9 - 52.3	47.8	42.2 - 53.5	No Change
Rutherford County	38.3	37.5 - 39.0	38.5	37.7 - 39.3	42.8	41.7 - 44.0	41.3	40.6 - 42.1	Increase
Scott County	45.0	42.2 - 47.9	45.5	42.5 - 48.4	46.0	43.2 - 48.9	46.7	43.7 - 49.7	No Change
Sequatchie County	41.1	37.9 - 44.3	39.5	36.1 - 42.8	44.5	41.3 - 47.8	46.2	42.8 - 49.6	No Change
Sevier County	38.7	37.7 - 39.8	37.7	36.1 - 39.2	35.9	34.4 - 37.4	34.3	33.0 - 35.7	Decrease
Shelby County	34.9	34.4 - 35.5	42.5	42.0 - 43.0	35.8	35.3 - 36.3	43.5	42.9 - 44.1	Increase
Smith County	43.4	40.8 - 46.0	43.4	40.7 - 46.0	43.2	40.5 - 45.9	42.0	39.2 - 44.8	No Change
South Carroll Co SSD	33.5	26.5 - 40.5	44.1	35.8 - 52.5	39.6	31.7 - 47.5	44.9	35.1 - 54.7	No Change
Stewart County	36.3	33.0 - 39.5	35.9	32.6 - 39.1	37.8	34.6 - 40.9	39.1	36.2 - 42.0	No Change
Sullivan County	40.5	39.0 - 42.1	41.0	39.4 - 42.6	41.4	39.6 - 43.1	39.9	38.3 - 41.6	No Change
Sumner County	34.3	33.3 - 35.2	36.6	35.7 - 37.5	37.0	36.1 - 37.9	37.7	36.8 - 38.6	Increase
Sweetwater City	42.3	38.8 - 45.8	40.7	37.2 - 44.2	42.1	38.4 - 45.8	45.2	41.5 - 48.9	No Change
Tipton County	38.0	36.5 - 39.5	40.2	38.6 - 41.8	39.6	37.9 - 41.2	39.2	37.6 - 40.8	No Change
Trenton SSD	43.5	39.5 - 47.5	41.6	37.7 - 45.5	48.6	44.5 - 52.7	48.8	44.8 - 52.8	No Change
Trousdale County	48.8	44.6 - 53.0	42.6	38.3 - 46.9	51.7	47.3 - 56.1	57.0	52.5 - 61.4	No Change
Tullahoma City	36.0	33.6 - 38.5	39.0	36.3 - 41.6	35.4	32.8 - 37.9	38.3	35.7 - 41.0	No Change
Unicoi County	45.4	42.3 - 48.5	43.2	40.1 - 46.3	46.7	43.2 - 50.3	45.3	42.1 - 48.5	No Change
Union City	44.5	40.8 - 48.3	44.6	40.9 - 48.4	45.1	41.3 - 48.8	43.0	39.2 - 46.8	No Change
Union County	46.1	43.1 - 49.1	41.7	38.4 - 45.0	46.2	43.0 - 49.4	39.7	36.6 - 42.8	Decrease
Van Buren County	39.3	33.9 - 44.8	41.9	36.1 - 47.7	47.0	41.2 - 52.8	43.3	37.2 - 49.4	No Change
Warren County	44.4	42.6 - 46.2	45.2	43.3 - 47.0	44.4	42.6 - 46.3	45.0	43.2 - 46.8	No Change
Washington County	38.2	36.3 - 40.1	35.2	33.3 - 37.0	38.3	36.4 - 40.3	36.3	34.3 - 38.2	No Change
Wayne County	46.6	43.3 - 49.9	46.0	42.6 - 49.5	44.2	40.8 - 47.6	44.8	41.4 - 48.1	No Change
Weakley County	44.2	41.9 - 46.5	47.2	44.6 - 49.9	46.9	44.6 - 49.3	44.6	42.2 - 46.9	No Change
West Carroll Co SSD	50.1	44.9 - 55.4	48.3	43.1 - 53.5	50.7	45.5 - 55.9	47.5	42.4 - 52.7	No Change
White County	43.2	40.8 - 45.6	44.1	41.7 - 46.5	46.0	43.4 - 48.5	47.0	44.4 - 49.5	No Change
Williamson County	23.3	22.6 - 24.1	22.1	21.0 - 23.2	19.2	18.1 - 20.3	20.6	19.4 - 21.9	Decrease
Wilson County	35.6	34.5 - 36.7	36.1	35.0 - 37.3	36.2	35.1 - 37.3	35.4	34.3 - 36.5	No Change

\*Overweight/obese was defined as BMI greater than or equal to the 85<sup>th</sup> percentile for children of the same age and sex.  
 Decrease or Increase indicates a statistically significant change from 2007-08 to 2016-17.  
 No Change indicates not a statistically significant change from 2007-08 to 2016-17.  
 No Data indicates data was not collected or submitted for the school year.  
 Limited Data indicates change cannot be calculated due to no data available during comparison year.  
 Data Source: Body Mass Index Data, 2007-08 to 2016-17, Office of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee

## Acknowledgements and Citations

The following agencies collaborated to compile this summary:

- [Tennessee Department of Education, Office of Coordinated School Health](#)
- [Tennessee Department of Health, Division of Policy, Planning and Assessment](#)

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