



Tennessee Public Schools:

A summary of weight status data 2017-18

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Coordinated
School Health

Tennessee Department of Education
Division of Coordinated School Health

Created in partnership with

Tennessee Department of Health

The Tennessee Public Schools Summary of Weight Status Report 2017-18
prepared by the Tennessee Department of Health,
Division of Population Health Assessment

Introduction

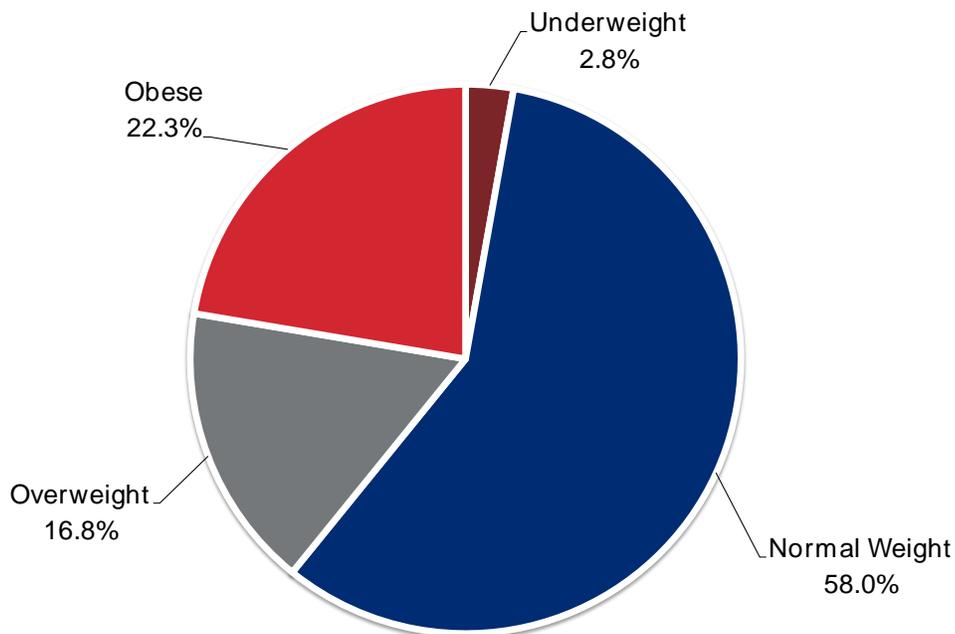
This summary presents weight status results from 305,654 assessed students enrolled in Tennessee public schools during the 2017-18 school year in grades kindergarten, 2, 4, 6, 8, and any one year of high school. This report includes measurements submitted by 141 public school districts in Tennessee ([see Appendix A](#)). A total of 70.5 percent of the target population was assessed.

The Division of Coordinated School Health (DCSH) was established by the Tennessee Department of Education in February 2001. The primary mission of the office is to improve student health outcomes as well as support the connection between good health practices, academic achievement and lifetime wellness. The data used in this report was collected by DCSH and has expanded to include all school districts in Tennessee starting in 2006. As a result, the first year that all districts collected Body Mass Index (BMI) data was the 2007-08 school year which is used as a baseline measure.

BMI is calculated based on the height and weight measurements collected during screening in the current school year and are age and sex specific for children and teens. Some counties and school districts require an active opt-in informed consent for BMI data collection which can significantly decrease the number of students screened.

The prevalence of overweight or obese students in this report refers to the proportion of public school students found to be overweight or obese during the school year. Overweight is defined as having a BMI in the 85th to less than the 95th percentile for children of the same age and sex. Obese is defined as having a BMI in the 95th percentile or greater.

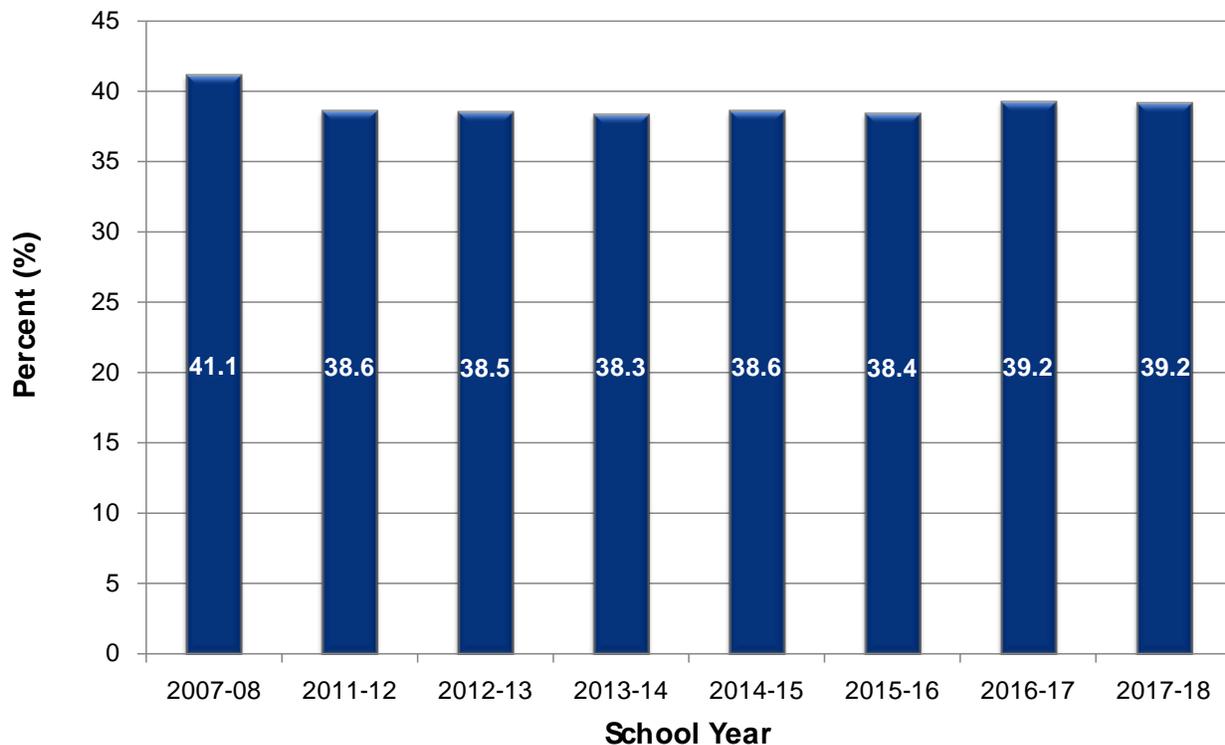
**Figure 1. Body Weight Status
Assessed Students, Tennessee Public Schools, 2017-18**



Key Findings

- Overall, 58.0 percent of assessed students had BMI measurements in the normal range, 22.3 percent of students were obese, 16.8 percent were overweight, and the remaining 2.8 percent were underweight ([see Figure 1](#)).
- Rural counties had a higher prevalence of overweight and obese students (40.5 percent) among students who were assessed compared to those in metropolitan counties (36.6 percent).
- The prevalence of overweight or obesity in assessed students increased with rising grade levels up through grade 6 (*kindergarten*: 30.0 percent; *grade 2*: 34.4 percent; *grade 4*: 41.0 percent; *grade 6*: 43.6 percent; *grade 8*: 43.3 percent; *high school*: 43.0 percent).
- The prevalence of overweight or obesity in assessed students in Tennessee public schools increased slightly between the 2011-12 and 2017-18 school years—from 38.6 percent to 39.2 percent ([see Figure 2](#)).

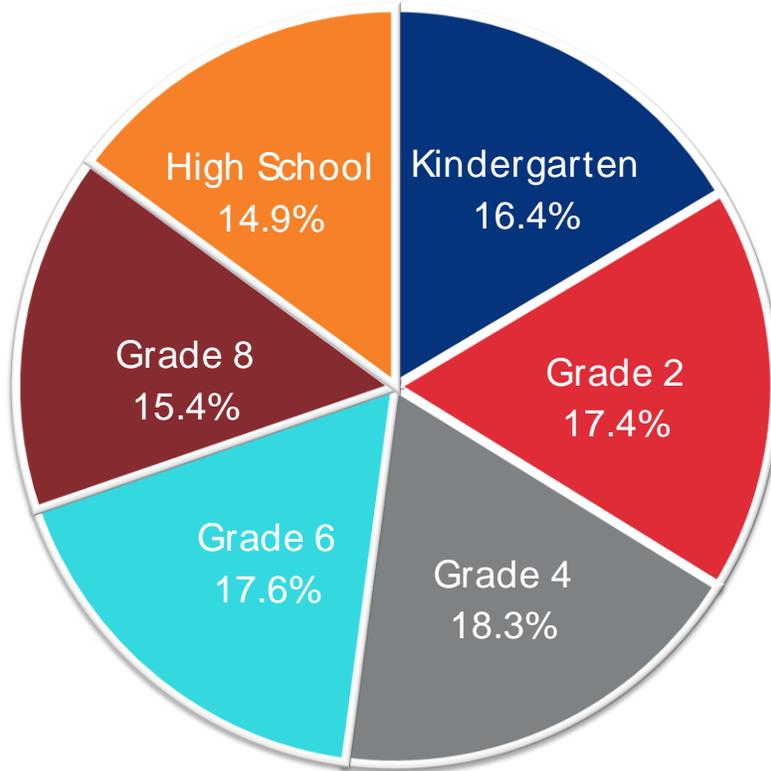
Figure 2. Prevalence Trend of Overweight or Obesity, Assessed Students, Tennessee Public Schools, 2007-08*, 2011-12 to 2017-18



Student Characteristics

An equal proportion of boys and girls were assessed for the 2017-18 school year; 51.5 percent and 48.5 percent, respectively. Of those assessed: 16.4 percent were kindergarteners, 17.4 percent were 2nd graders, 18.3 percent were 4th graders, 17.6 percent were 6th graders, 15.4 percent were 8th graders, and high schoolers made up 14.9 percent of those screened ([see Figure 3](#)).

Figure 3. Percentage of Assessed Students by Grade Level, Tennessee Public School Students, 2017-18



Data Source: Body Mass Index Data, 2007-08 to 2017-18, Division of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee.

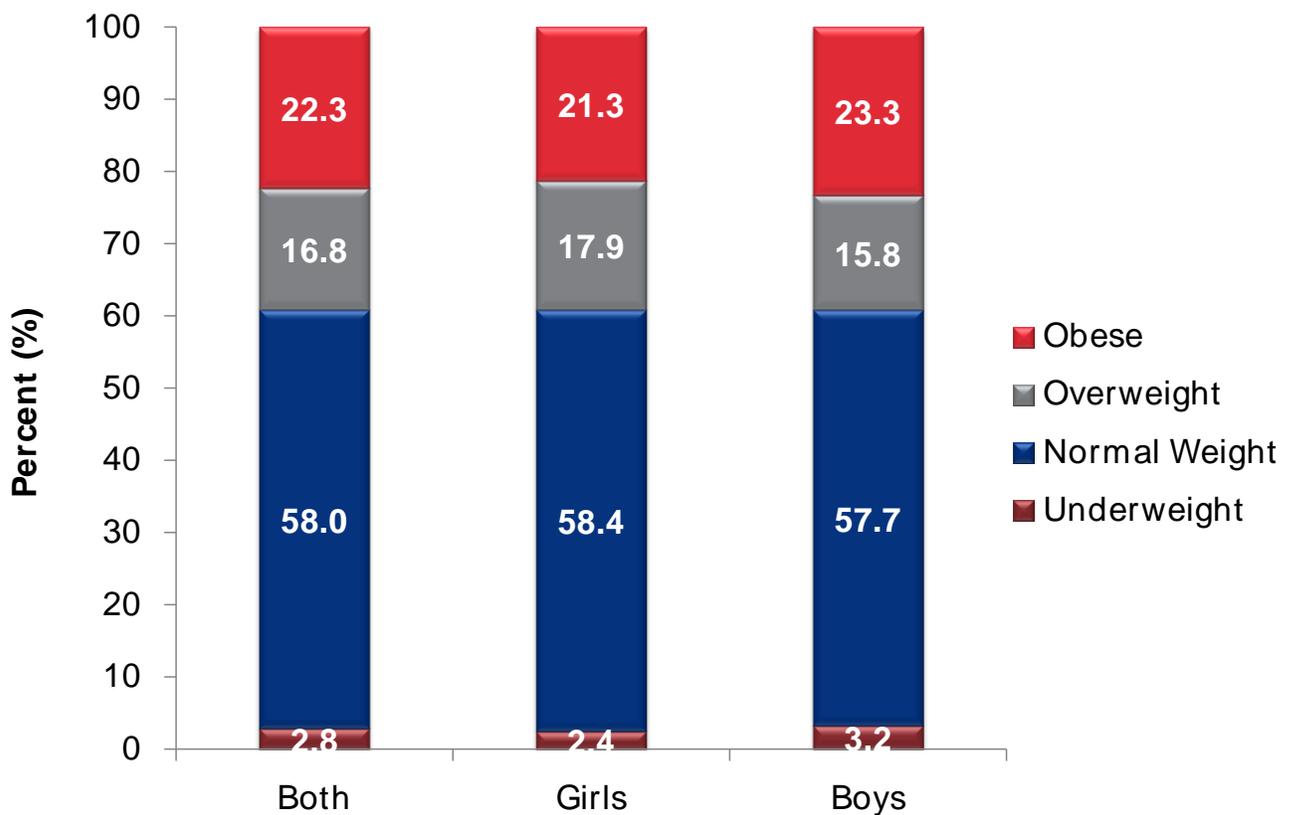
Weight Status Distribution by Gender

Overall, the percentage of assessed girls with normal weight was slightly higher than that of assessed boys; 58.4 percent vs. 57.7 percent respectively (see Figure 4).

- Nearly 40 percent of all screened students were either overweight or obese.
- The overweight or obesity prevalence among assessed girls was similar to that of assessed boys; 39.2 percent vs. 39.2* percent respectively (see Table 2).
- Boys who were assessed were more likely to be obese than girls who were assessed; 23.3 percent vs. 21.3 percent respectively. However, girls were more likely to be overweight than boys; 17.9 percent vs. 15.8 percent respectively.

*Note: The rates of overweight and obesity for boys were 15.834% and 23.232% respectively, summing to 39.158% which rounds to 39.2%

Figure 4. Weight Status Distribution by Gender, Assessed Students, Tennessee Public Schools, 2017-18

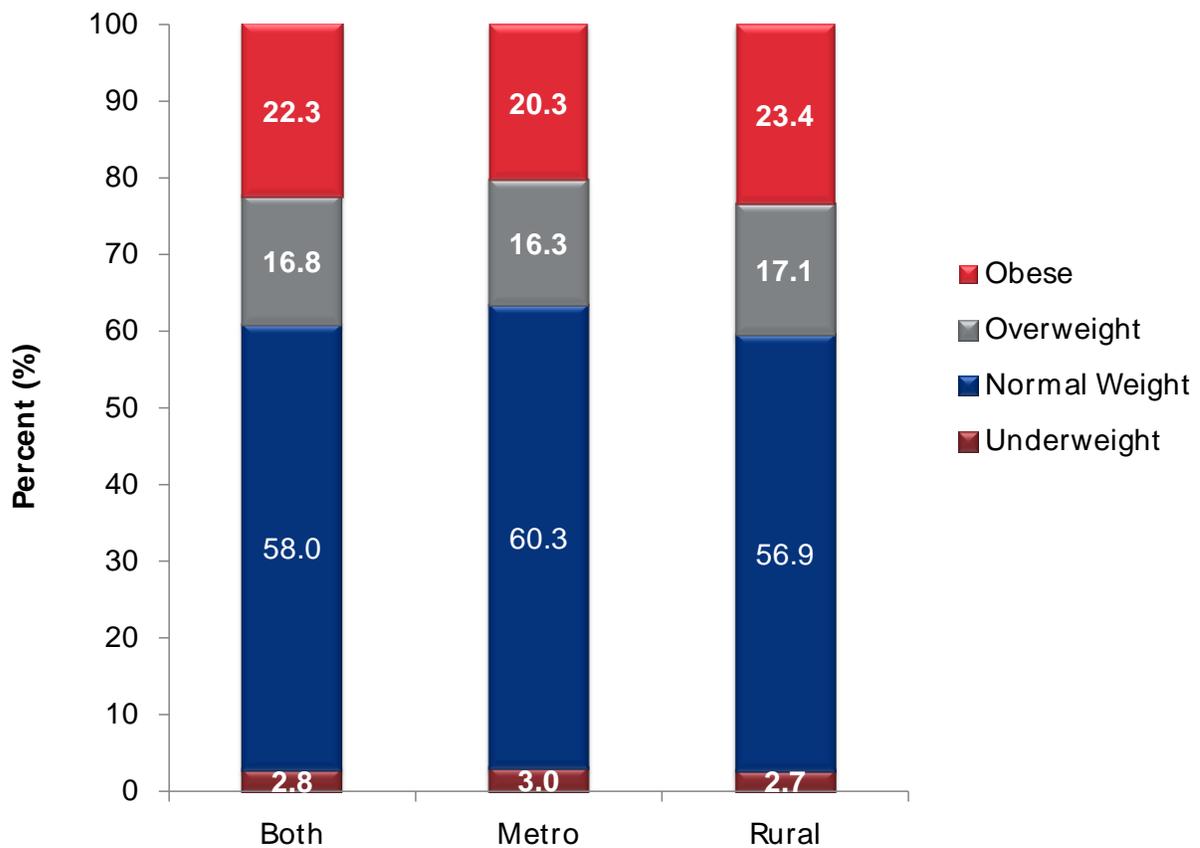


Weight Status Distribution by Metro and Rural Counties

Most students that were screened were outside metropolitan counties¹ (66.4 percent).

- Metropolitan county students that were screened were more likely to be normal weight compared to rural county students; 60.3 percent vs. 56.9 percent respectively (see Figure 5).
- Rural students that were screened were more likely to be obese than metro students that were screened; 23.4 percent vs. 20.3 percent respectively.
- Rural students that were screened were more likely to be overweight than metro students that were screened; 17.1 percent vs. 16.3 percent respectively.

Figure 5. Weight Status Distribution by Metro and Rural Counties, Assessed Students, Tennessee Public Schools, 2017-18



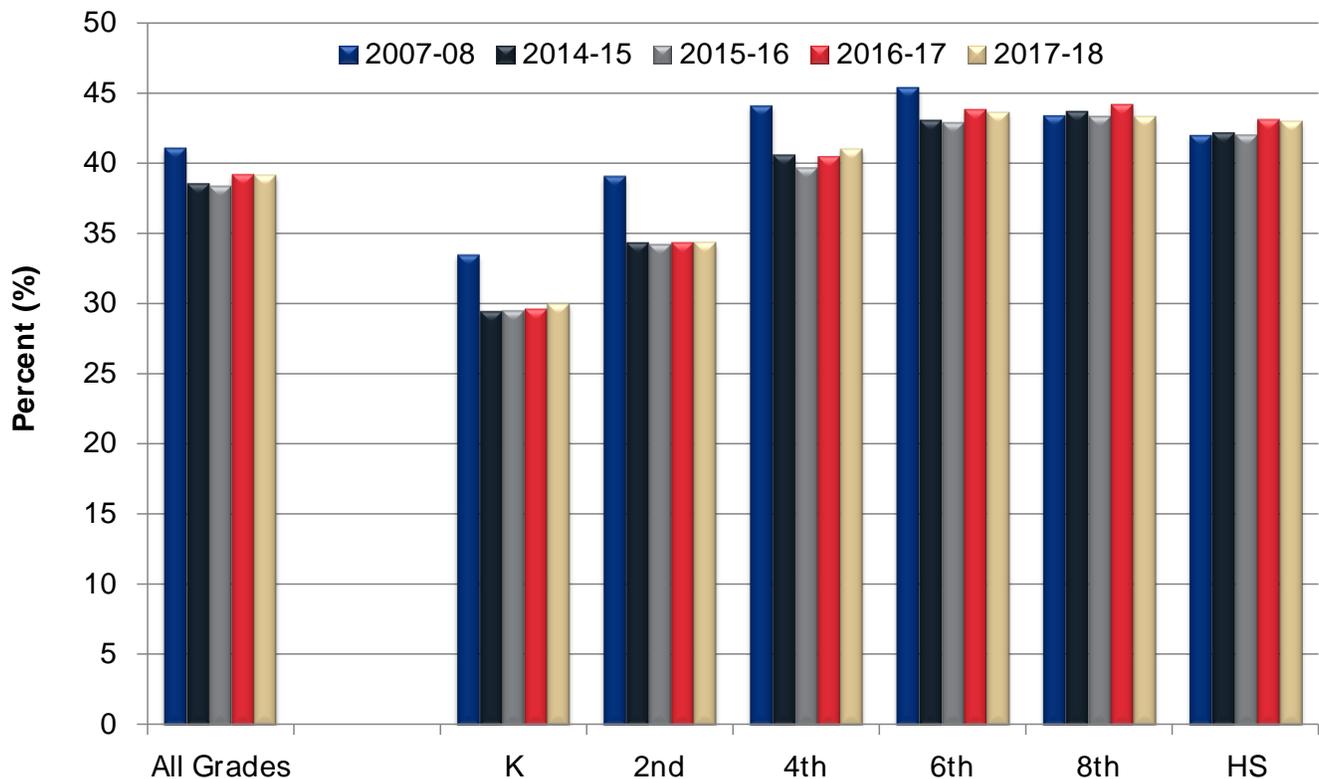
¹ Davidson, Hamilton, Knox, Madison, Shelby, and Sullivan are considered metropolitan counties and the remaining 89 Tennessee counties are considered rural (see Appendix B).

Prevalence of Overweight or Obese Students by Grade

There was a decline in the prevalence of overweight or obesity in screened children in Tennessee public schools.

- The percent of overweight or obese students that were screened for BMI declined in kindergarten, grade 2, grade 4, and grade 6 between 2007-08 and 2016-17. For that same time period, no significant change was observed in screened grade 8 students however, high school students that were screened experienced an increase in overweight or obesity (see Figure 6).
- There was no significant change in the overall overweight or obesity prevalence across all grades in the 2017-18 school year compared to the 2016-17 school year; 39.2 percent vs. 39.2 percent respectively.

Figure 6. Prevalence of Overweight or Obesity by Grade, Assessed Students, Tennessee Public Schools, 2007-08*, 2014-15, 2015-16, 2016-17, and 2017-18



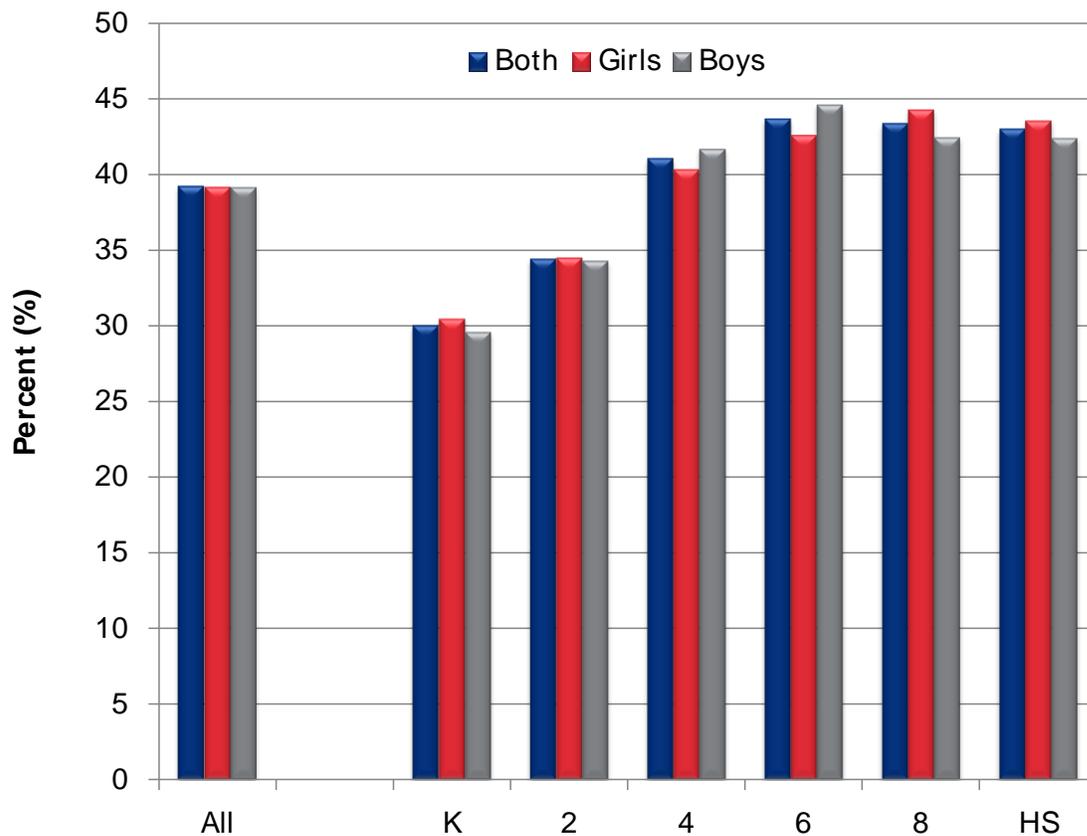
*CSH uses this year as the baseline measure to do comparisons for collected data.
Data Source: Body Mass Index Data, 2007-08 to 2017-18, Division of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee

Prevalence of Overweight or Obese Students by Gender and Grade

The percent of overweight and obese students of those who were screened was 40 percent or higher in grade 4, grade 6, grade 8 and high school for both girls and boys (see Figure 7).

- Boys that were assessed had the highest percentage of overweight or obese students in grade 6 (44.6 percent).
- Girls that were assessed had the highest percentage of overweight or obese students in grade 8 (44.3 percent).
- Girls and boys that were assessed exhibited no statistically significant differences in the percent of overweight or obese students in metropolitan or rural counties.

Figure 7. Prevalence of Overweight or Obesity by Gender and Grade, Assessed Students, Tennessee Public Schools, 2017-18

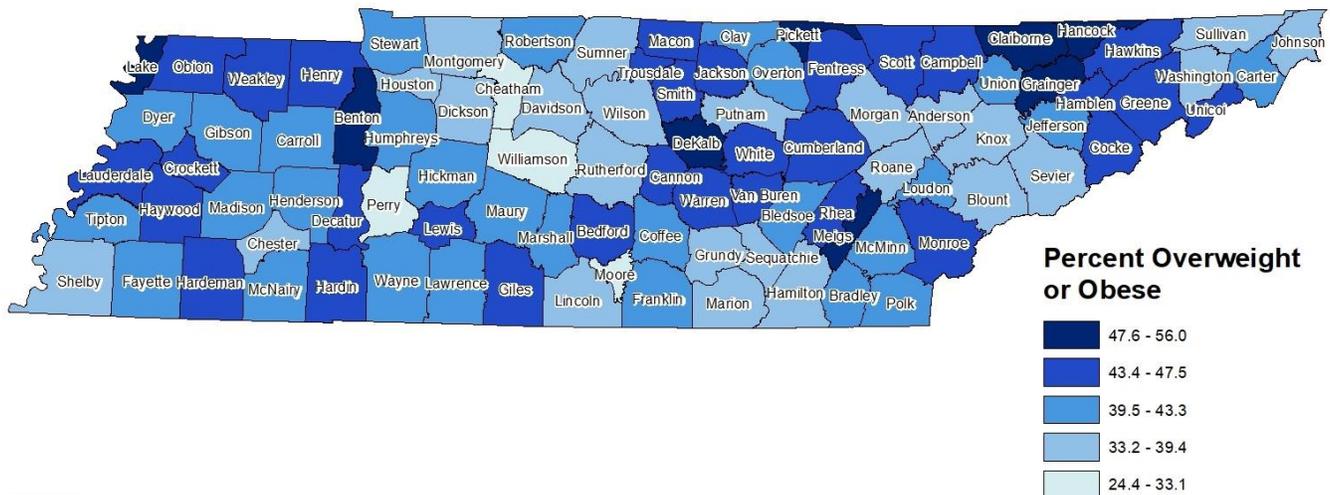


Prevalence of Overweight or Obese Students by County

The prevalence of overweight or obese students in those who were screened varied by county, ranging from 24.4 percent (Williamson County) to 56.0 percent (Meigs County) for the 2017-18 school year (see Figure 8).

- The five counties with the highest percentage of overweight or obese students among those who were screened for BMI for the 2017-18 school year were Meigs (56.0 percent), Grainger (51.7 percent), Benton (50.2 percent), Pickett (49.2), and Lake (48.9 percent) (see Table 1).
- The five counties with the lowest percentage of overweight or obese students among those who were screened for BMI for the 2017-18 school year were Williamson (24.4 percent), Perry (27.9 percent), Moore (32.8 percent), Cheatham (33.1 percent), and Hamilton (34.4 percent).

Figure 8. Prevalence of Overweight or Obesity by County, Assessed Students, Tennessee Public Schools, 2017-18



Prevalence of Overweight and Obese Students by School District

The prevalence of overweight and obese students that were screened for BMI varied by school district, ranging from 20.9 percent (Williamson County) to 56.0 percent (Meigs County) for the 2017-18 school year ([see Table 3](#)).

- The school districts with the highest percentage of overweight and obese students among those who were screened for the 2017-18 school year were Meigs (56.0 percent), Grainger (51.7 percent), South Carroll Co SSD (51.1 percent), Benton (50.2 percent), and Alvin York (49.6 percent).
- The five school districts with the lowest percentage of overweight and obese students among those who were screened for the 2017-18 school year were Williamson County² (20.9 percent), Collierville (22.5 percent), Germantown (22.5 percent), Lakeland (25.0 percent), and Perry County (27.9 percent).

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



Table 1. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by County, 2007-08, 2015-16, 2016-17 and 2017-18 School Years

County	2007-08		2015-16		2016-17		2017-18		Percent of Population Assessed 2017-18
	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	
Tennessee	41.1	40.9 - 41.4	38.4	38.2 - 38.6	39.2	39.1 - 39.4	39.2	39.0 - 39.3	70.5
Anderson	42.1	40.4 - 43.8	39.3	37.7 - 40.9	39.7	38.2 - 41.3	39.3	37.8 - 40.8	71.6
Bedford	36.7	32.7 - 40.6	40.5	38.7 - 42.2	43.4	39.9 - 47.0	46.6	44.9 - 48.4	78.5
Benton	No Data		47.6	43.9 - 51.3	43.3	39.5 - 47.1	50.2	46.6 - 53.8	79.7
Bledsoe	41.0	37.4 - 44.7	40.5	36.5 - 44.6	43.1	37.8 - 48.5	41.8	37.4 - 46.1	66.0
Blount	39.2	38.1 - 40.4	38.7	37.6 - 39.7	37.8	36.7 - 39.0	38.9	37.7 - 40.0	87.7
Bradley	41.2	39.8 - 42.7	39.1	37.8 - 40.3	38.8	37.5 - 40.0	40.4	39.1 - 41.6	86.2
Campbell	No Data		47.1	44.1 - 50.2	45.0	42.1 - 47.9	47.5	44.1 - 50.8	34.3
Cannon	38.6	35.1 - 42.1	40.3	36.7 - 43.9	43.5	39.9 - 47.0	44.9	41.2 - 48.6	80.1
Carroll	39.6	37.1 - 42.0	44.0	41.7 - 46.3	43.3	40.9 - 45.7	42.9	40.5 - 45.3	80.4
Carter	42.1	39.4 - 44.8	41.7	39.8 - 43.6	42.0	40.2 - 43.9	42.1	40.0 - 44.3	59.0
Cheatham	34.9	32.8 - 37.0	35.1	32.9 - 37.3	34.3	32.1 - 36.6	33.1	30.9 - 35.3	62.2
Chester	35.9	32.8 - 39.0	37.8	34.7 - 40.9	36.1	32.2 - 40.0	37.1	34.0 - 40.3	69.4
Claiborne	37.6	32.6 - 42.6	46.9	44.4 - 49.5	48.2	45.6 - 50.8	48.5	45.8 - 51.2	66.8
Clay	48.1	43.4 - 52.9	40.2	35.8 - 44.6	39.2	34.7 - 43.8	42.3	37.9 - 46.6	94.4
Cocke	45.2	43.1 - 47.3	47.2	45.1 - 49.4	48.2	46.1 - 50.2	46.2	44.0 - 48.4	81.8
Coffee	41.8	40.2 - 43.4	40.6	39.0 - 42.2	41.4	39.8 - 43.0	41.6	39.9 - 43.3	77.0
Crockett	40.4	37.5 - 43.3	48.4	45.4 - 51.4	47.9	45.1 - 50.6	44.3	41.6 - 47.1	91.2
Cumberland	43.8	41.9 - 45.6	42.3	40.5 - 44.1	44.7	42.7 - 46.6	44.6	43.0 - 46.3	101.7
Davidson	39.9	38.1 - 41.7	36.7	36.1 - 37.3	36.6	36.0 - 37.2	36.8	36.2 - 37.4	76.9
DeKalb	46.2	43.3 - 49.0	45.0	42.0 - 48.0	46.8	44.0 - 49.6	48.8	45.9 - 51.7	95.7
Decatur	38.9	35.0 - 42.9	48.0	44.4 - 51.6	47.5	43.9 - 51.2	44.9	41.2 - 48.6	84.8
Dickson	36.6	33.2 - 40.0	35.2	33.5 - 36.9	37.6	35.9 - 39.3	39.0	37.2 - 40.8	76.5
Dyer	43.7	41.6 - 45.9	41.5	39.6 - 43.4	40.5	38.7 - 42.4	41.6	39.7 - 43.6	88.0
Fayette	49.7	46.9 - 52.4	41.2	38.1 - 44.3	54.6	51.4 - 57.7	43.0	40.1 - 45.9	71.8
Fentress	50.1	47.0 - 53.2	47.0	44.0 - 50.0	49.3	46.3 - 52.2	46.8	43.7 - 49.9	83.1
Franklin	43.5	41.4 - 45.6	33.7	31.5 - 35.9	37.7	35.3 - 40.0	40.0	37.1 - 42.9	47.1
Gibson	41.4	39.8 - 43.0	43.7	42.1 - 45.3	44.1	42.5 - 45.7	43.3	41.6 - 45.0	83.7
Giles	42.0	39.5 - 44.4	32.0	29.6 - 34.4	34.5	32.1 - 36.9	44.4	41.8 - 47.0	84.0
Grainger	48.3	45.8 - 50.9	50.0	47.4 - 52.5	50.0	47.4 - 52.5	51.7	49.1 - 54.3	90.0
Greene	43.4	41.4 - 45.3	43.2	41.6 - 44.8	42.7	41.1 - 44.3	43.8	42.1 - 45.4	83.7
Grundy	45.1	41.9 - 48.3	38.9	34.5 - 43.4	42.0	37.8 - 46.2	37.7	33.5 - 42.0	55.6
Hamblen	44.5	42.5 - 46.5	44.7	43.1 - 46.2	45.6	44.1 - 47.1	46.9	45.4 - 48.5	85.5
Hamilton	34.6	32.4 - 36.7	34.5	33.8 - 35.3	33.1	32.3 - 33.8	34.4	33.7 - 35.1	88.6
Hancock	51.0	46.4 - 55.6	46.0	41.1 - 50.8	51.4	46.7 - 56.2	48.4	43.3 - 53.5	84.6
Hardeman	44.2	41.2 - 47.3	43.2	40.2 - 46.3	46.0	43.3 - 48.7	44.2	41.3 - 47.2	69.6
Hardin	49.7	47.1 - 52.4	40.9	38.1 - 43.7	48.7	46.2 - 51.3	44.3	41.8 - 46.8	92.9
Hawkins	47.6	44.8 - 50.4	45.8	43.9 - 47.6	44.9	43.1 - 46.8	45.8	44.0 - 47.7	80.1
Haywood	46.0	43.3 - 48.7	42.3	39.5 - 45.0	44.8	42.0 - 47.7	45.1	42.2 - 48.0	93.9
Henderson	39.5	37.1 - 41.8	45.3	42.9 - 47.6	59.4	57.1 - 61.7	42.7	40.5 - 45.0	83.6
Henry	44.2	41.8 - 46.5	42.7	40.2 - 45.2	42.7	40.6 - 44.8	44.2	42.0 - 46.4	92.0
Hickman	43.7	41.2 - 46.1	46.1	43.1 - 49.1	42.8	40.2 - 45.4	42.3	39.8 - 44.9	94.0
Houston	48.1	43.9 - 52.3	42.2	37.5 - 46.9	37.4	32.1 - 42.7	37.6	33.3 - 42.0	76.8
Humphreys	40.1	37.3 - 42.9	44.0	41.0 - 47.0	42.9	39.9 - 46.0	41.9	39.0 - 44.8	80.4
Jackson	No Data		43.7	39.2 - 48.3	44.0	39.6 - 48.3	43.8	38.6 - 49.0	51.1
Jefferson	43.2	41.3 - 45.1	40.2	36.8 - 43.6	38.1	34.6 - 41.6	41.5	37.8 - 45.3	20.2
Johnson	43.3	40.0 - 46.5	43.2	39.4 - 46.9	43.7	40.0 - 47.3	37.6	33.7 - 41.5	64.6
Knox	38.6	37.1 - 40.0	32.9	32.2 - 33.6	30.3	29.6 - 31.0	35.7	35.0 - 36.4	61.1
Lake	49.0	43.9 - 54.2	52.8	47.6 - 58.0	48.4	43.1 - 53.7	48.9	43.6 - 54.3	93.8
Lauderdale	45.2	42.7 - 47.7	49.5	47.1 - 51.9	43.9	41.5 - 46.3	45.2	42.7 - 47.6	87.5
Lawrence	42.2	40.3 - 44.2	40.8	39.0 - 42.7	40.0	38.2 - 41.9	41.4	39.4 - 43.5	71.7
Lewis	No Data		46.6	43.0 - 50.3	45.2	41.4 - 49.1	46.6	42.7 - 50.4	81.7



Table 1. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by County, 2007-08, 2015-16, 2016-17 and 2017-18 School Years

County	2007-08		2015-16		2016-17		2017-18		Percent of Population Assessed 2017-18
	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	39.7	37.5 - 41.9	39.3	37.1 - 41.5	39.4	37.2 - 41.7	76.9
Loudon	42.4	40.5 - 44.2	41.8	39.8 - 43.7	43.4	41.4 - 45.4	42.2	40.2 - 44.2	72.6
Macon	43.8	41.4 - 46.3	50.1	47.7 - 52.5	42.8	40.3 - 45.2	45.3	42.8 - 47.7	85.1
Madison	39.7	38.0 - 41.5	41.8	40.4 - 43.2	41.1	39.8 - 42.5	41.0	39.6 - 42.3	83.0
Marion	43.3	39.8 - 46.8	40.7	38.3 - 43.2	44.5	42.0 - 46.9	39.2	36.7 - 41.7	73.9
Marshall	No Data		40.0	37.4 - 42.6	41.7	39.1 - 44.3	40.8	38.2 - 43.5	53.0
Maury	41.3	38.3 - 44.3	41.7	40.2 - 43.1	41.7	40.3 - 43.1	41.6	40.3 - 42.9	94.1
McMinn	44.1	42.0 - 46.2	44.1	42.3 - 46.0	44.0	42.2 - 45.8	42.0	40.2 - 43.8	84.9
McNairy	40.4	38.2 - 42.7	44.3	42.0 - 46.6	44.8	42.4 - 47.2	43.0	40.7 - 45.3	90.9
Meigs	42.8	39.2 - 46.4	45.3	41.5 - 49.0	48.4	44.3 - 52.5	56.0	52.1 - 60.0	77.2
Monroe	45.5	43.7 - 47.3	47.5	45.1 - 49.8	47.5	45.7 - 49.3	46.8	45.0 - 48.7	89.3
Montgomery	36.7	35.1 - 38.2	33.3	32.3 - 34.3	37.5	36.6 - 38.5	35.0	34.1 - 35.9	67.4
Moore	42.3	37.4 - 47.1	36.2	31.2 - 41.3	41.6	36.4 - 46.8	32.8	27.8 - 37.7	87.0
Morgan	40.9	38.1 - 43.8	40.4	37.5 - 43.3	39.7	36.7 - 42.7	37.8	34.6 - 41.0	67.1
Obion	44.5	41.7 - 47.3	45.2	43.1 - 47.3	46.1	43.9 - 48.3	45.2	43.0 - 47.4	88.5
Overton	46.7	44.0 - 49.3	44.5	41.5 - 47.4	43.5	40.6 - 46.3	42.6	39.2 - 45.9	58.0
Perry	39.5	34.7 - 44.3	40.3	35.5 - 45.1	29.6	24.5 - 34.6	27.9	22.3 - 33.4	55.8
Pickett	46.4	40.5 - 52.3	55.5	49.7 - 61.3	49.3	43.7 - 55.0	49.2	43.2 - 55.3	93.7
Polk	41.6	38.5 - 44.7	39.9	36.9 - 42.9	39.8	36.7 - 42.8	42.4	39.0 - 45.8	79.1
Putnam	44.4	42.8 - 46.0	37.4	35.3 - 39.5	37.8	35.6 - 40.1	38.1	35.8 - 40.3	34.5
Rhea	43.1	40.7 - 45.4	43.4	41.2 - 45.6	40.8	38.7 - 43.0	44.3	42.1 - 46.5	82.9
Roane	41.4	40.1 - 42.8	41.5	39.5 - 43.5	38.7	36.7 - 40.7	39.3	37.3 - 41.3	74.5
Robertson	48.4	44.9 - 51.8	40.5	38.5 - 42.6	39.0	36.4 - 41.5	42.0	39.8 - 44.2	37.8
Rutherford	40.9	39.3 - 42.5	40.5	39.6 - 41.4	40.3	39.6 - 41.0	38.1	37.4 - 38.8	73.7
Scott	43.4	40.8 - 46.0	45.9	43.5 - 48.4	45.1	42.7 - 47.5	46.8	44.4 - 49.2	87.3
Sequatchie	39.2	35.9 - 42.5	44.5	41.3 - 47.8	46.2	42.8 - 49.6	39.3	35.8 - 42.8	73.9
Sevier	42.7	40.6 - 44.8	35.9	34.4 - 37.4	34.3	33.0 - 35.7	37.3	35.9 - 38.6	74.0
Shelby	No Data		34.3	33.9 - 34.7	38.9	38.4 - 39.4	37.6	37.1 - 38.2	52.0
Smith	45.2	42.6 - 47.9	43.2	40.5 - 45.9	42.0	39.2 - 44.8	44.1	41.3 - 46.9	85.6
Stewart	43.6	40.5 - 46.7	37.8	34.6 - 40.9	39.1	36.2 - 42.0	42.1	38.5 - 45.7	78.7
Sullivan	37.3	34.9 - 39.8	37.5	36.4 - 38.6	37.2	36.1 - 38.2	36.6	35.5 - 37.7	81.4
Sumner	43.8	41.7 - 45.9	37.0	36.1 - 37.9	37.7	36.8 - 38.6	35.8	34.9 - 36.6	84.6
Tipton	41.7	40.2 - 43.2	39.6	37.9 - 41.2	39.2	37.6 - 40.8	40.6	38.9 - 42.2	69.9
Trousdale	46.7	42.6 - 50.8	51.7	47.3 - 56.1	57.0	52.5 - 61.4	45.0	40.8 - 49.3	94.2
Unicoi	44.7	41.6 - 47.9	46.7	43.2 - 50.3	45.3	42.1 - 48.5	44.0	40.6 - 47.4	79.6
Union	45.2	40.4 - 49.9	46.2	43.0 - 49.4	39.7	36.6 - 42.8	42.3	39.3 - 45.4	64.1
Van Buren	46.9	41.2 - 52.6	47.0	41.2 - 52.8	43.3	37.2 - 49.4	46.6	40.6 - 52.6	83.3
Warren	40.9	39.0 - 42.8	44.4	42.6 - 46.3	45.0	43.2 - 46.8	46.2	44.3 - 48.2	85.9
Washington	40.7	39.4 - 41.9	36.3	34.9 - 37.7	35.3	34.0 - 36.7	36.8	35.5 - 38.2	64.1
Wayne	44.3	41.2 - 47.4	44.2	40.8 - 47.6	44.8	41.4 - 48.1	43.3	39.9 - 46.8	77.7
Weakley	40.6	36.5 - 44.8	46.9	44.6 - 49.3	44.6	42.2 - 46.9	44.5	42.2 - 46.8	93.6
White	No Data		46.0	43.4 - 48.5	47.0	44.4 - 49.5	45.3	42.7 - 47.9	76.9
Williamson	29.1	28.3 - 29.8	21.6	20.5 - 22.6	23.8	22.6 - 24.9	24.4	23.3 - 25.4	32.8
Wilson	40.0	38.8 - 41.1	36.8	35.8 - 37.9	37.3	36.2 - 38.3	36.7	35.6 - 37.7	82.0

*Overweight/obese was defined as BMI greater than or equal to the 85th percentile for children of the same age and sex. Decrease or Increase indicates a statistically significant change from 2007-08 to 2017-18. 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 2017-18, Division of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee



Table 2. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by Grade, 2007-08, 2015-16, 2016-17 and 2017-18 School Years

Grade	Gender	2007-08		2015-16		2016-17		2017-18		Change from 2007-08 to 2017-18
		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	
All Grades	Both	41.14	40.91 - 41.37	38.40	38.23 - 38.57	39.24	39.06 - 39.41	39.15	38.98 - 39.33	Decrease
	Girls	39.59	39.27 - 39.92	38.38	38.13 - 38.62	39.39	39.15 - 39.64	39.19	38.94 - 39.44	
	Boys	42.57	42.25 - 42.89	38.42	38.18 - 38.65	39.09	38.84 - 39.33	39.16	38.92 - 39.40	Decrease
K	Both	33.48	32.96 - 34.00	29.54	29.14 - 29.93	29.66	29.26 - 30.06	30.01	29.61 - 30.41	Decrease
	Girls	33.20	32.45 - 33.95	29.59	29.03 - 30.15	30.19	29.61 - 30.76	30.47	29.89 - 31.05	Decrease
	Boys	33.73	33.01 - 34.45	29.48	28.94 - 30.03	29.16	28.60 - 29.72	29.58	29.03 - 30.14	Decrease
2nd	Both	39.10	38.57 - 39.64	34.26	33.87 - 34.64	34.39	33.98 - 34.79	34.40	34.00 - 34.80	Decrease
	Girls	37.94	37.18 - 38.70	34.66	34.11 - 35.22	34.29	33.70 - 34.87	34.51	33.93 - 35.09	Decrease
	Boys	40.17	39.44 - 40.91	33.87	33.33 - 34.41	34.48	33.91 - 35.05	34.30	33.74 - 34.86	Decrease
4th	Both	44.06	43.51 - 44.61	39.71	39.31 - 40.10	40.51	40.13 - 40.90	41.03	40.63 - 41.44	Decrease
	Girls	42.13	41.35 - 42.92	39.13	38.56 - 39.69	40.07	39.52 - 40.62	40.35	39.76 - 40.93	Decrease
	Boys	45.89	45.12 - 46.66	40.26	39.71 - 40.82	40.94	40.40 - 41.48	41.68	41.11 - 42.25	Decrease
6th	Both	45.39	44.84 - 45.95	42.91	42.48 - 43.34	43.86	43.44 - 44.29	43.64	43.22 - 44.06	Decrease
	Girls	42.91	42.12 - 43.71	42.09	41.47 - 42.70	43.61	43.00 - 44.22	42.61	42.01 - 43.21	
	Boys	47.70	46.92 - 48.48	43.68	43.08 - 44.28	44.10	43.51 - 44.70	44.61	44.03 - 45.20	Decrease
8th	Both	43.36	42.79 - 43.93	43.37	42.92 - 43.82	44.22	43.77 - 44.67	43.34	42.89 - 43.79	
	Girls	42.07	41.25 - 42.89	44.35	43.70 - 45.00	45.59	44.94 - 46.25	44.30	43.65 - 44.95	Increase
	Boys	44.53	43.74 - 45.32	42.47	41.84 - 43.09	42.95	42.32 - 43.57	42.45	41.84 - 43.07	Decrease
High School	Both	41.99	41.36 - 42.61	42.03	41.58 - 42.48	43.15	42.70 - 43.61	42.98	42.52 - 43.43	
	Girls	39.55	38.66 - 40.45	42.08	41.43 - 42.73	43.39	42.73 - 44.05	43.57	42.92 - 44.22	Increase
	Boys	44.22	43.35 - 45.10	41.98	41.35 - 42.61	42.93	42.29 - 43.57	42.40	41.77 - 43.04	Decrease

*Overweight or obese is defined as BMI greater than or equal to the 85th percentile for children of the same age and sex.
 Data Source: Body Mass Index Data, 2007-08 to 2017-18, Division of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee.



Table 3. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by School District, 2014-15, 2015-16, 2016-17 and 2017-18 School Years.

District	2014-15		2015-16		2016-17		2017-18		Percent of Population Assessed 2017-18
	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	
Tennessee	38.6	38.4 - 38.8	38.4	38.2 - 38.6	39.2	39.1 - 39.4	39.2	39.0 - 39.3	70.5
Alamo	50.6	45.1 - 56.1	60.2	49.7 - 70.8	44.1	38.4 - 49.9	48.5	42.6 - 54.5	91.0
Alcoa City	31.4	29.1 - 33.7	37.3	34.9 - 39.7	34.3	31.2 - 37.3	36.7	32.9 - 40.5	69.5
Alvin York	No Data		No Data		53.9	46.0 - 61.9	49.6	41.1 - 58.2	100.8
Anderson County	40.4	38.0 - 42.8	42.3	40.3 - 44.3	42.9	40.9 - 45.0	43.2	41.1 - 45.2	77.3
Arlington Community	31.4	29.1 - 33.7	35.0	32.8 - 37.3	32.4	30.2 - 34.7	30.7	28.5 - 32.9	88.2
Athens City	38.7	35.1 - 42.2	39.2	35.4 - 43.0	37.5	33.9 - 41.1	33.9	30.6 - 37.2	87.1
Bartlett City Schools	34.8	33.2 - 36.4	30.8	29.3 - 32.3	32.5	30.9 - 34.0	34.2	32.7 - 35.8	86.1
Bedford County	41.4	39.6 - 43.3	40.5	38.7 - 42.2	43.4	39.9 - 47.0	46.6	44.9 - 48.4	78.5
Bells City	37.9	30.7 - 45.1	33.5	26.1 - 41.0	34.1	26.1 - 42.1	33.1	25.4 - 40.8	81.0
Benton County	44.5	41.0 - 48.1	47.6	43.9 - 51.3	43.3	39.5 - 47.1	50.2	46.6 - 53.8	79.7
Bledsoe County	44.5	40.5 - 48.5	40.5	36.5 - 44.6	43.1	37.8 - 48.5	41.8	37.4 - 46.1	66.0
Blount County	41.7	40.3 - 43.1	41.0	39.6 - 42.4	40.2	38.8 - 41.7	42.0	40.5 - 43.5	87.2
Bradford SSD	41.9	35.4 - 48.3	37.1	30.7 - 43.5	46.6	40.2 - 53.0	38.6	32.1 - 45.1	87.4
Bradley County	38.5	37.0 - 40.0	40.0	38.5 - 41.6	38.2	36.7 - 39.8	41.0	39.4 - 42.6	83.1
Bristol City	39.3	36.8 - 41.9	31.0	28.4 - 33.6	34.3	31.8 - 36.9	32.6	30.2 - 35.1	78.8
Campbell County	46.2	42.7 - 49.6	47.1	44.1 - 50.2	45.0	42.1 - 47.9	47.5	44.1 - 50.8	34.3
Cannon County	41.8	38.2 - 45.4	40.3	36.7 - 43.9	43.5	39.9 - 47.0	44.9	41.2 - 48.6	80.1
Carter County	43.6	41.1 - 46.0	43.3	40.9 - 45.7	43.9	41.4 - 46.3	43.8	41.2 - 46.4	60.2
Cheatham County	36.7	34.7 - 38.7	35.1	32.9 - 37.3	34.3	32.1 - 36.6	33.1	30.9 - 35.3	62.2
Chester County	39.5	36.4 - 42.6	37.8	34.7 - 40.9	36.1	32.2 - 40.0	37.1	34.0 - 40.3	69.4
Claiborne County	50.3	47.8 - 52.9	46.9	44.4 - 49.5	48.2	45.6 - 50.8	48.5	45.8 - 51.2	66.8
Clay County	44.9	40.6 - 49.2	40.2	35.8 - 44.6	39.2	34.7 - 43.8	42.3	37.9 - 46.6	94.4
Cleveland	38.4	36.3 - 40.6	37.3	35.3 - 39.4	39.7	37.7 - 41.8	39.4	37.4 - 41.4	91.6
Clinton City	36.9	32.3 - 41.5	41.6	36.8 - 46.3	40.2	35.2 - 45.1	30.6	26.2 - 35.0	84.4
Cocke County	48.7	45.7 - 51.6	47.3	45.0 - 49.7	48.2	46.0 - 50.4	46.9	44.5 - 49.3	79.2
Coffee County	56.0	53.6 - 58.3	45.3	42.9 - 47.8	45.1	42.7 - 47.5	43.0	40.5 - 45.5	79.6
Collierville	26.3	24.6 - 27.9	24.2	22.5 - 25.9	25.3	23.7 - 26.9	22.5	20.9 - 24.0	69.0
Crockett County	50.0	46.5 - 53.5	50.0	46.6 - 53.4	51.4	48.0 - 54.7	45.0	41.5 - 48.4	93.4
Cumberland County	44.7	42.9 - 46.5	42.3	40.5 - 44.1	44.7	42.7 - 46.6	44.6	43.0 - 46.3	101.7
Davidson County	36.9	36.3 - 37.5	36.7	36.1 - 37.3	36.6	36.0 - 37.2	36.8	36.2 - 37.4	76.9
Dayton City	45.9	42.9 - 48.9	37.7	32.6 - 42.8	36.5	31.6 - 41.3	37.0	31.8 - 42.1	71.3
Decatur County	45.3	41.8 - 48.8	48.0	44.4 - 51.6	47.5	43.9 - 51.2	48.8	45.9 - 51.7	95.7
DeKalb County	37.1	31.4 - 42.7	45.0	42.0 - 48.0	46.8	44.0 - 49.6	44.9	41.2 - 48.6	84.8
Dickson County	40.8	39.2 - 42.5	35.2	33.5 - 36.9	37.6	35.9 - 39.3	39.0	37.2 - 40.8	76.5
Dyer County	40.9	38.6 - 43.3	40.8	38.4 - 43.2	38.9	36.5 - 41.3	42.6	40.2 - 45.0	97.1
Dyersburg City	39.6	36.7 - 42.4	42.6	39.6 - 45.5	43.0	40.0 - 45.9	39.8	36.5 - 43.0	74.5
Elizabethton	42.5	39.2 - 45.8	39.2	36.2 - 42.3	42.9	35.2 - 50.7	38.3	34.5 - 42.1	56.4
Etowah City	47.3	39.3 - 55.3	33.1	25.9 - 40.4	39.3	36.4 - 42.2	32.2	25.2 - 39.1	76.3
Fayette County	43.2	39.7 - 46.6	41.2	38.1 - 44.3	54.6	51.4 - 57.7	43.0	40.1 - 45.9	71.8
Fayetteville City	41.8	37.7 - 45.9	37.4	33.6 - 41.2	36.7	32.7 - 40.8	33.1	29.2 - 37.0	85.9
Fentress County	50.5	47.6 - 53.5	47.0	44.0 - 50.0	48.5	45.4 - 51.7	46.3	43.0 - 49.6	80.9
Franklin County	38.3	36.0 - 40.6	33.7	31.5 - 35.9	37.7	35.3 - 40.0	40.0	37.1 - 42.9	47.1
Franklin SSD	35.0	32.0 - 38.1	30.3	27.8 - 32.8	33.2	30.7 - 35.8	35.4	33.0 - 37.8	79.0
Germantown	21.0	19.0 - 22.9	24.0	21.8 - 26.3	25.4	23.5 - 27.4	22.5	20.8 - 24.3	79.3
Gibson County SSD	40.3	37.1 - 43.5	42.7	40.3 - 45.1	41.4	39.0 - 43.7	40.1	37.4 - 42.7	74.2
Giles County	42.6	40.0 - 45.1	32.0	29.6 - 34.4	34.5	32.1 - 36.9	44.4	41.8 - 47.0	84.0
Grainger County	50.8	48.3 - 53.3	50.0	47.4 - 52.5	50.0	47.4 - 52.5	51.7	49.1 - 54.3	90.0
Greene County	43.6	41.7 - 45.5	44.9	42.9 - 46.8	43.5	41.5 - 45.5	44.9	43.0 - 46.9	81.2
Greenville City	41.2	37.0 - 45.3	39.3	36.5 - 42.2	41.0	38.1 - 43.9	41.2	38.4 - 44.1	89.7
Grundy County	41.2	37.6 - 44.9	38.9	34.5 - 43.4	42.0	37.8 - 46.2	37.7	33.5 - 42.0	55.6
Hamblen County	55.7	54.2 - 57.2	44.7	43.1 - 46.2	45.6	44.1 - 47.1	46.9	45.4 - 48.5	85.5
Hamilton County	32.9	32.0 - 33.8	34.5	33.8 - 35.3	33.1	32.3 - 33.8	34.4	33.7 - 35.1	88.6
Hancock County	53.9	49.2 - 58.7	46.0	41.1 - 50.8	51.4	46.7 - 56.2	48.4	43.3 - 53.5	84.6



Table 3. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by School District, 2014-15, 2015-16, 2016-17 and 2017-18 School Years.

District	2014-15		2015-16		2016-17		2017-18		Percent of Population Assessed 2017-18
	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	44.4	41.6 - 47.2	43.2	40.2 - 46.3	46.0	43.3 - 48.7	44.2	41.3 - 47.2	69.6
Hardin County	43.8	41.0 - 46.7	40.9	38.1 - 43.7	48.7	46.2 - 51.3	44.3	41.8 - 46.8	92.9
Hawkins County	45.8	43.8 - 47.8	45.7	43.7 - 47.6	44.6	42.6 - 46.6	45.6	43.6 - 47.6	78.7
Haywood County	42.5	39.8 - 45.2	42.3	39.5 - 45.0	44.8	42.0 - 47.7	45.1	42.2 - 48.0	93.9
Henderson County	43.5	41.0 - 46.0	44.6	42.0 - 47.3	64.3	61.8 - 66.9	43.8	41.2 - 46.4	79.9
Henry County	42.6	39.8 - 45.3	41.5	38.2 - 44.8	41.5	38.8 - 44.2	44.4	41.6 - 47.3	97.6
Hickman County	49.2	46.5 - 52.0	46.1	43.1 - 49.1	42.8	40.2 - 45.4	42.3	39.8 - 44.9	94.0
Hollow Rock-Bruceton	44.0	37.4 - 50.6	23.8	18.3 - 29.3	43.4	36.1 - 50.8	38.7	32.5 - 45.0	78.6
Houston County	41.2	36.9 - 45.4	42.2	37.5 - 46.9	37.4	32.1 - 42.7	37.6	33.3 - 42.0	76.8
Humboldt City	49.8	45.3 - 54.3	46.5	42.1 - 51.0	51.1	46.7 - 55.5	49.0	44.4 - 53.6	83.9
Humphreys County	41.7	38.7 - 44.8	44.0	41.0 - 47.0	42.9	39.9 - 46.0	41.9	39.0 - 44.8	80.4
Huntingdon SSD	43.0	38.4 - 47.6	47.3	42.8 - 51.9	43.1	38.7 - 47.4	44.9	40.7 - 49.1	91.7
Jackson County	35.8	29.9 - 41.7	43.7	39.2 - 48.3	44.0	39.6 - 48.3	43.8	38.6 - 49.0	51.1
Jefferson County	40.0	36.8 - 43.2	40.2	36.8 - 43.6	38.1	34.6 - 41.6	41.5	37.8 - 45.3	83.0
Johnson City	34.9	32.9 - 37.0	34.3	32.3 - 36.2	43.7	40.0 - 47.3	36.2	34.4 - 37.9	80.0
Johnson County	40.2	36.5 - 43.8	43.2	39.4 - 46.9	34.5	32.6 - 36.4	37.6	33.7 - 41.5	64.6
Kingsport City	39.1	37.4 - 40.9	35.9	34.2 - 37.7	35.3	33.6 - 37.0	34.0	32.3 - 35.7	64.6
Knox County	36.1	35.3 - 36.9	32.9	32.2 - 33.6	30.3	29.6 - 31.0	35.7	35.0 - 36.4	84.7
Lake County	46.5	41.3 - 51.7	52.8	47.6 - 58.0	48.4	43.1 - 53.7	48.9	43.6 - 54.3	61.1
Lakeland	18.6	14.7 - 22.5	15.6	12.1 - 19.1	20.1	16.3 - 23.9	25.0	21.7 - 28.3	93.8
Lauderdale County	42.0	39.7 - 44.3	49.5	47.1 - 51.9	43.9	41.5 - 46.3	45.2	42.7 - 47.6	74.8
Lawrence County	40.8	39.0 - 42.6	40.8	39.0 - 42.7	40.0	38.2 - 41.9	41.4	39.4 - 43.5	87.5
Lebanon SSD	38.4	35.8 - 41.1	40.2	37.6 - 42.8	48.0	45.2 - 50.9	43.0	40.3 - 45.7	71.7
Lenoir City	46.5	41.8 - 51.1	45.5	41.1 - 49.8	46.5	42.4 - 50.6	46.3	41.7 - 50.9	64.5
Lewis County	47.6	44.1 - 51.1	46.6	43.0 - 50.3	45.2	41.4 - 49.1	46.6	42.7 - 50.4	49.6
Lexington City	49.1	44.5 - 53.7	47.1	42.5 - 51.7	44.6	40.0 - 49.3	39.5	35.0 - 44.0	81.7
Lincoln County	41.6	39.0 - 44.2	40.8	38.1 - 43.5	40.4	37.7 - 43.0	42.3	39.5 - 45.0	97.6
Loudon County	41.0	38.7 - 43.3	40.8	38.6 - 43.0	42.4	40.1 - 44.7	41.2	39.0 - 43.4	73.4
Macon County	44.2	41.8 - 46.6	50.1	47.7 - 52.5	42.8	40.3 - 45.2	45.3	42.8 - 47.7	81.5
Madison County	42.3	41.0 - 43.7	41.8	40.4 - 43.2	41.1	39.8 - 42.5	41.0	39.6 - 42.3	85.1
Manchester City	39.1	35.2 - 43.0	39.7	36.0 - 43.4	37.4	33.4 - 41.3	42.8	38.2 - 47.5	59.2
Marion County	44.7	42.1 - 47.3	41.0	38.4 - 43.5	44.3	41.8 - 46.8	38.8	36.2 - 41.4	73.5
Marshall County	42.6	40.3 - 45.0	40.0	37.4 - 42.6	41.7	39.1 - 44.3	40.8	38.2 - 43.5	53.0
Maryville City	34.7	32.8 - 36.7	34.9	33.0 - 36.9	32.7	30.3 - 35.1	33.7	31.8 - 35.7	95.5
Maury County	40.2	38.9 - 41.5	41.7	40.2 - 43.1	41.7	40.3 - 43.1	41.6	40.3 - 42.9	94.1
McKenzie SSD	48.1	44.2 - 51.9	46.3	42.2 - 50.4	40.1	35.8 - 44.4	38.9	34.4 - 43.5	75.8
McMinn County	45.7	43.5 - 47.9	46.7	44.5 - 48.9	46.4	44.2 - 48.5	46.1	43.9 - 48.3	84.9
McNairy County	43.8	41.3 - 46.2	44.3	42.0 - 46.6	44.8	42.4 - 47.2	43.0	40.7 - 45.3	90.9
Meigs County	47.4	43.8 - 51.0	45.3	41.5 - 49.0	48.4	44.3 - 52.5	56.0	52.1 - 60.0	77.2
Milan SSD	44.2	40.9 - 47.5	42.1	38.7 - 45.5	41.3	38.0 - 44.7	43.7	40.3 - 47.0	94.3
Millington	No Data		38.2	33.0 - 43.3	35.8	32.5 - 39.1	45.7	41.2 - 50.1	43.8
Monroe County	48.4	46.3 - 50.5	51.0	48.0 - 54.0	48.2	46.1 - 50.2	48.0	45.9 - 50.2	89.2
Montgomery County	33.5	32.6 - 34.4	33.3	32.3 - 34.3	37.5	36.6 - 38.5	35.0	34.1 - 35.9	67.4
Moore County	34.4	29.6 - 39.2	36.2	31.2 - 41.3	41.6	36.4 - 46.8	32.8	27.8 - 37.7	87.0
Morgan County	40.9	38.1 - 43.7	40.4	37.5 - 43.3	39.7	36.7 - 42.7	37.8	34.6 - 41.0	67.1
Murfreesboro City	37.3	35.6 - 38.9	35.8	34.2 - 37.4	35.7	34.1 - 37.3	36.4	34.7 - 38.1	66.9
Newport City	42.8	38.1 - 47.6	46.6	41.5 - 51.7	47.9	42.9 - 52.9	42.9	37.6 - 48.1	97.1
Oak Ridge City	32.4	29.3 - 35.4	30.8	27.9 - 33.8	33.9	31.3 - 36.5	35.5	32.9 - 38.1	60.7
Obion County	46.2	43.4 - 48.9	45.3	42.8 - 47.9	47.6	45.0 - 50.3	46.6	43.9 - 49.3	89.7
Oneida SSD	40.6	36.4 - 44.7	45.7	41.3 - 50.1	42.0	37.8 - 46.1	42.7	38.6 - 46.7	101.1
Overton County	41.3	38.4 - 44.2	44.5	41.5 - 47.4	43.5	40.6 - 46.3	42.6	39.2 - 45.9	58.0
Paris SSD	43.1	39.9 - 46.4	44.4	40.6 - 48.2	44.7	41.2 - 48.2	43.8	40.2 - 47.3	84.3
Perry County	31.5	26.0 - 37.0	40.3	35.5 - 45.1	29.6	24.5 - 34.6	27.9	22.3 - 33.4	55.8
Pickett County	45.7	40.3 - 51.0	55.5	49.7 - 61.3	49.3	43.7 - 55.0	49.2	43.2 - 55.3	93.7



Coordinated School Health

Table 3. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by School District, 2014-15, 2015-16, 2016-17 and 2017-18 School Years.

District	2014-15		2015-16		2016-17		2017-18		Percent of Population Assessed 2017-18
	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	37.4	34.4 - 40.4	39.9	36.9 - 42.9	39.8	36.7 - 42.8	42.4	39.0 - 45.8	79.1
Putnam County	38.2	36.0 - 40.4	37.4	35.3 - 39.5	37.8	35.6 - 40.1	38.1	35.8 - 40.3	34.5
Rhea County	37.9	35.6 - 40.2	44.6	42.2 - 47.0	41.8	39.4 - 44.2	45.8	43.4 - 48.3	85.9
Richard City	41.6	32.0 - 51.2	38.2	29.6 - 46.8	47.2	36.8 - 57.6	44.6	34.4 - 54.7	80.7
Roane County	38.2	36.2 - 40.2	41.5	39.5 - 43.5	38.7	36.7 - 40.7	39.3	37.3 - 41.3	74.5
Robertson County	41.9	39.8 - 43.9	40.5	38.5 - 42.6	39.0	36.4 - 41.5	42.0	39.8 - 44.2	37.8
Rogersville City	42.3	36.8 - 47.8	46.6	40.9 - 52.3	47.8	42.2 - 53.5	47.5	42.1 - 52.8	91.3
Rutherford County	38.5	37.7 - 39.3	42.8	41.7 - 44.0	41.3	40.6 - 42.1	38.5	37.7 - 39.2	75.3
Scott County	45.5	42.5 - 48.4	46.0	43.2 - 48.9	46.7	43.7 - 49.7	48.9	46.0 - 51.9	81.5
Sequatchie County	39.5	36.1 - 42.8	44.5	41.3 - 47.8	46.2	42.8 - 49.6	39.3	35.8 - 42.8	73.9
Sevier County	37.7	36.1 - 39.2	35.9	34.4 - 37.4	34.3	33.0 - 35.7	37.3	35.9 - 38.6	74.0
Shelby County	42.5	42.0 - 43.0	35.8	35.3 - 36.3	43.5	42.9 - 44.1	43.4	42.6 - 44.1	43.2
Smith County	43.4	40.7 - 46.0	43.2	40.5 - 45.9	42.0	39.2 - 44.8	44.1	41.3 - 46.9	85.6
South Carroll Co SSD	44.1	35.8 - 52.5	39.6	31.7 - 47.5	44.9	35.1 - 54.7	51.1	42.6 - 59.6	79.2
Stewart County	35.9	32.6 - 39.1	37.8	34.6 - 40.9	39.1	36.2 - 42.0	42.1	38.5 - 45.7	78.7
Sullivan County	41.0	39.4 - 42.6	41.4	39.6 - 43.1	39.9	38.3 - 41.6	40.4	38.8 - 42.0	79.8
Sumner County	36.6	35.7 - 37.5	37.0	36.1 - 37.9	37.7	36.8 - 38.6	35.8	34.9 - 36.6	84.6
Sweetwater City	40.7	37.2 - 44.2	42.1	38.4 - 45.8	45.2	41.5 - 48.9	43.4	39.7 - 47.0	89.4
Tipton County	40.2	38.6 - 41.8	39.6	37.9 - 41.2	39.2	37.6 - 40.8	40.6	38.9 - 42.2	69.9
Trenton SSD	41.6	37.7 - 45.5	48.6	44.5 - 52.7	48.8	44.8 - 52.8	47.5	43.4 - 51.7	94.5
Trousdale County	42.6	38.3 - 46.9	51.7	47.3 - 56.1	57.0	52.5 - 61.4	45.0	40.8 - 49.3	94.2
Tullahoma City	39.0	36.3 - 41.6	35.4	32.8 - 37.9	38.3	35.7 - 41.0	39.6	36.9 - 42.2	82.0
Unicoi County	43.2	40.1 - 46.3	46.7	43.2 - 50.3	45.3	42.1 - 48.5	44.0	40.6 - 47.4	79.6
Union City	44.6	40.9 - 48.4	45.1	41.3 - 48.8	43.0	39.2 - 46.8	42.5	38.7 - 46.3	86.2
Union County	41.7	38.4 - 45.0	46.2	43.0 - 49.4	39.7	36.6 - 42.8	42.3	39.3 - 45.4	64.1
Van Buren County	41.9	36.1 - 47.7	47.0	41.2 - 52.8	43.3	37.2 - 49.4	46.6	40.6 - 52.6	83.3
Warren County	45.2	43.3 - 47.0	44.4	42.6 - 46.3	45.0	43.2 - 46.8	46.2	44.3 - 48.2	85.9
Washington County	35.2	33.3 - 37.0	38.3	36.4 - 40.3	36.3	34.3 - 38.2	37.9	35.7 - 40.1	49.0
Wayne County	46.0	42.6 - 49.5	44.2	40.8 - 47.6	44.8	41.4 - 48.1	43.3	39.9 - 46.8	77.7
Weakley County	47.2	44.6 - 49.9	46.9	44.6 - 49.3	44.6	42.2 - 46.9	44.5	42.2 - 46.8	93.6
West Carroll Co SSD	48.3	43.1 - 53.5	50.7	45.5 - 55.9	47.5	42.4 - 52.7	44.7	38.9 - 50.5	72.1
White County	44.1	41.7 - 46.5	46.0	43.4 - 48.5	47.0	44.4 - 49.5	45.3	42.7 - 47.9	76.9
Williamson County	22.1	21.0 - 23.2	19.2	18.1 - 20.3	20.6	19.4 - 21.9	20.9	19.8 - 22.1	27.8
Wilson County	36.1	35.0 - 37.3	36.2	35.1 - 37.3	35.4	34.3 - 36.5	35.5	34.4 - 36.6	86.3

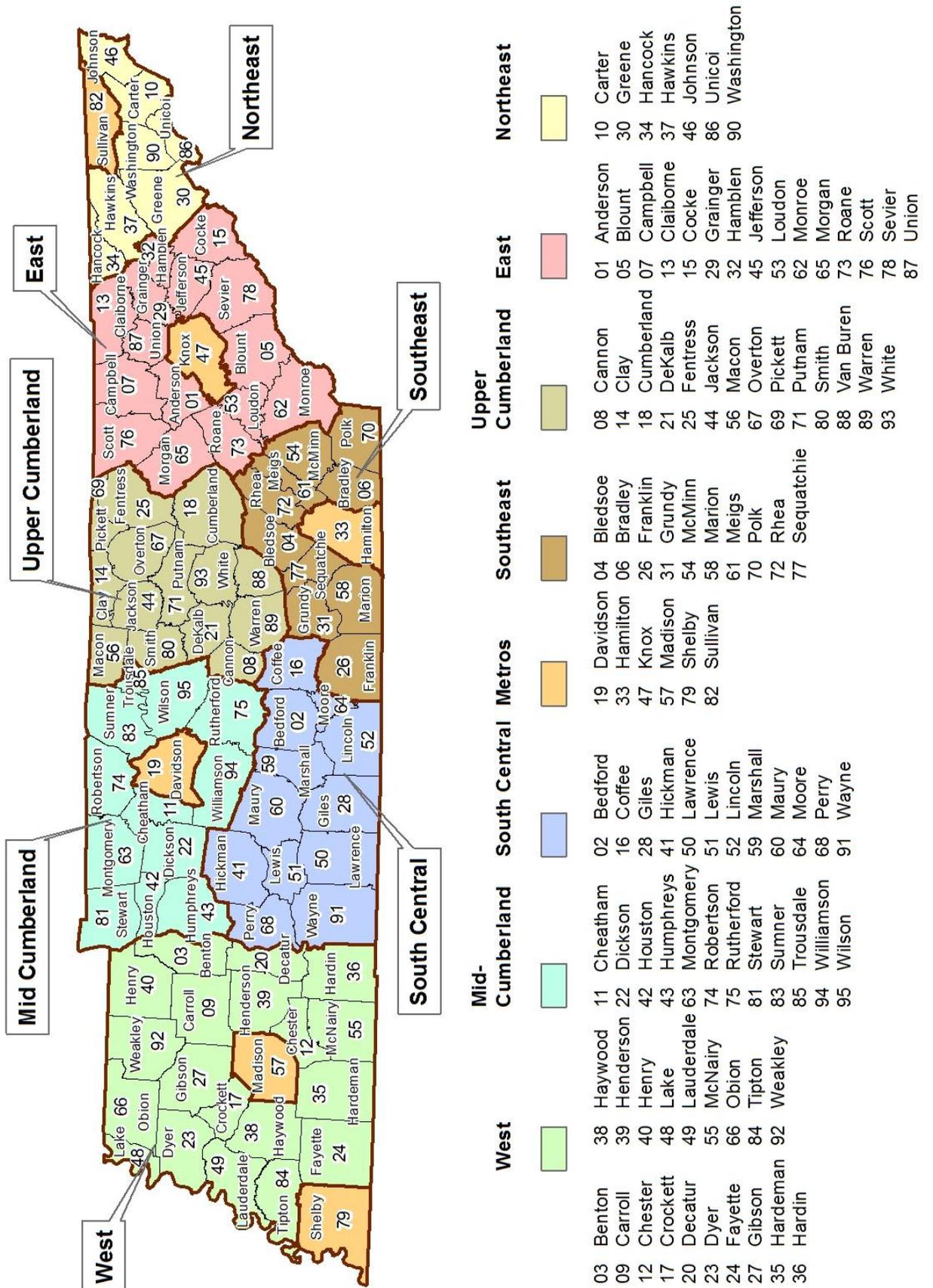
*Overweight or obese is defined as BMI greater than or equal to the 85th percentile for children of the same age and sex.

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

Data Source: Body Mass Index Data, 2007-08 to 2017-18, Division of Coordinated School Health, Tennessee Department of Education, Nashville, Tennessee.

Appendix B

Tennessee Counties and Health Department Regions



Acknowledgements and Citations

The following agencies collaborated to compile this summary:

- [Tennessee Department of Education, Division of Coordinated School Health](#)
- [Tennessee Department of Health, Division of Population Health Assessment](#)

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