



Tennessee Public Schools:

A Summary of Student Body Mass Index Data 2023-24



Tennessee Department of Health

Created in partnership with the

Tennessee Department of Education

The Tennessee Public Schools Summary of Weight Status Report 2023-24

Prepared by the Tennessee Department of Health

Division of Population Health Assessment

Acknowledgements and Citations

The following agencies collaborated to compile this summary:

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

Special thanks to the following individuals:

Hopelyn Mooney, MPH, Epidemiologist
Shannon Railling, PhD, MPH, Senior Data Manager
William Grib, MS, Statistician
Shalini Parekh, MPH, Assistant Commissioner

For more information:

Shannon Railling, PhD, MPH
Senior Data Manager
Division of Coordinated School Health
Tennessee Department of Education
Shannon.Railling@tn.gov
(615) 806-0217

Suggested Citation:

Tennessee Public Schools: A summary of weight status data, 2023-24. Nashville, TN: Tennessee Department of Education, Coordinated School Health, 2025.

Table of Contents

Introduction 5

Executive Summary 6

Student Characteristics 7

Weight Status Distribution by Gender 8

Weight Status Distribution by Metro and Rural Counties 9

Prevalence of Overweight or Obese Students by Grade: 2018-19 vs 2023-24 10

 Table 1 12

Prevalence of Overweight or Obese Students by Gender and Grade 11

Prevalence of Overweight or Obese Students by County 12

 Table 2 14

Prevalence of Overweight or Obese Students by School District 12

 Table 3 16

Appendix A: Tennessee’s CORE Regions 19

Appendix B: Tennessee Counties and Health Department Regions 20

Introduction

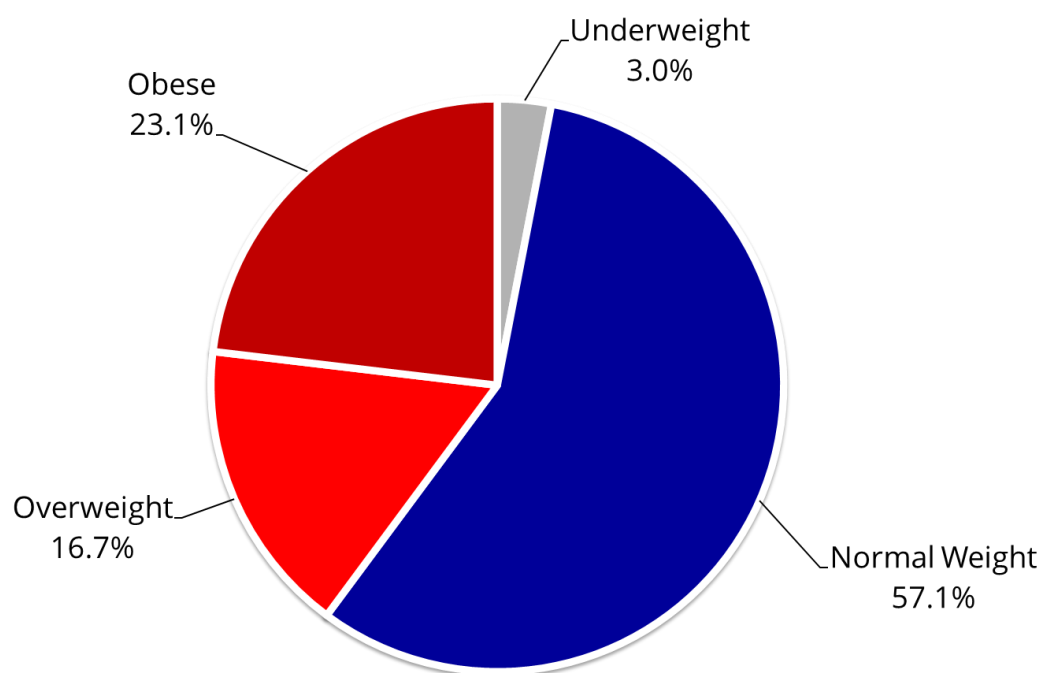
This summary presents weight status results from 162,797 assessed students enrolled in Tennessee public schools during the 2023-24 school year in grades kindergarten, 2, 4, 6, 8, and any one year of high school. This report includes measurements submitted by 88 public school districts in Tennessee ([see Appendix A](#)); a total of 36.5 percent of Tennessee school children in the aforementioned grades were assessed. **Please note:** a valid BMI screening report for the 2020-21 school year could not be generated due to absences incurred by the COVID-19 pandemic. In addition, participation levels for 2023-2024 have declined from 2022-23.

The data used in this report were collected by Coordinated School Health (CSH) coordinators, school nurses and physical education teachers. CSH was established by the Tennessee Department of Education in February 2001 to improve student health outcomes and support the connection between good health practices, academic achievement, and lifetime wellness. CSH was expanded to all school districts in 2006, and the first year that all districts collected Body Mass Index (BMI) data was the 2007-08 school year.

Body Mass Index (BMI) is calculated based on the height and weight measurements collected during school screenings in the current school year and is age- and gender-specific for children and teens. Please note that some counties and school districts require an active opt-in informed consent for BMI data collection, which can 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 gender. **Obese** is defined as having a BMI in the 95th percentile or greater.

**Figure 1. Body Weight Status
Assessed Students, Tennessee Public Schools, 2023-24**

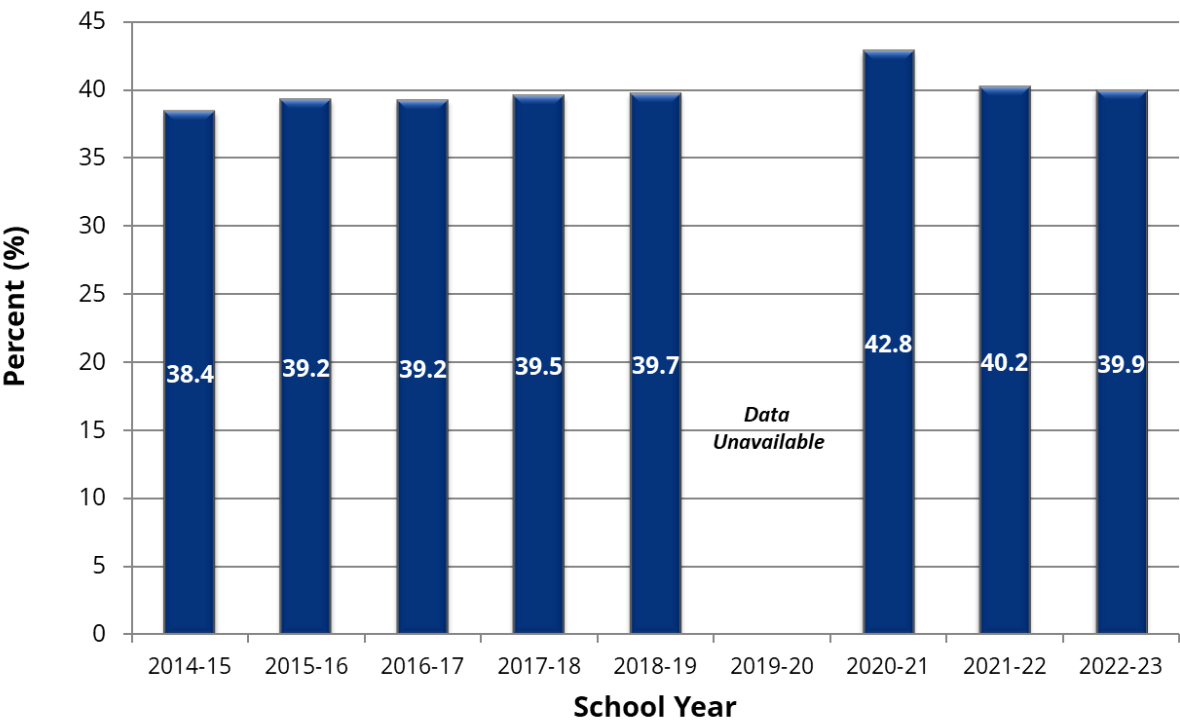


Executive Summary:

- Overall, 57.1% of assessed students had BMI measurements in the normal range, 16.7% were overweight, 23.1% of students were obese, and the remaining 3% were underweight ([see Figure 1](#)).
- Rural regions had a significantly higher prevalence of overweight or obese students (40.0%, 95% CI: 39.7%–40.2%) than metro regions (39.4%, 95% CI: 38.8%–39.9%).
- There was *not* a statistically significant difference in the prevalence of overweight or obese students between boys (40.0%) and girls (39.7%)
- The prevalence of assessed students who were classified as overweight or obese increased with rising grade levels up through grade 6 (kindergarten: 31.5%; 2nd grade: 36.4%; 4th grade: 42.4%; 6th grade: 46.4%; 8th grade: 44.6%; high school: 43.4%).
- There was a slight decrease in the prevalence of assessed students who were classified as overweight or obese in Tennessee public schools between the 2022-23 (40.2%) and 2023-24 (39.9%) school years ([see Figure 2](#)).

*Throughout this report, “statistically significant” corresponds to a 95% confidence level.

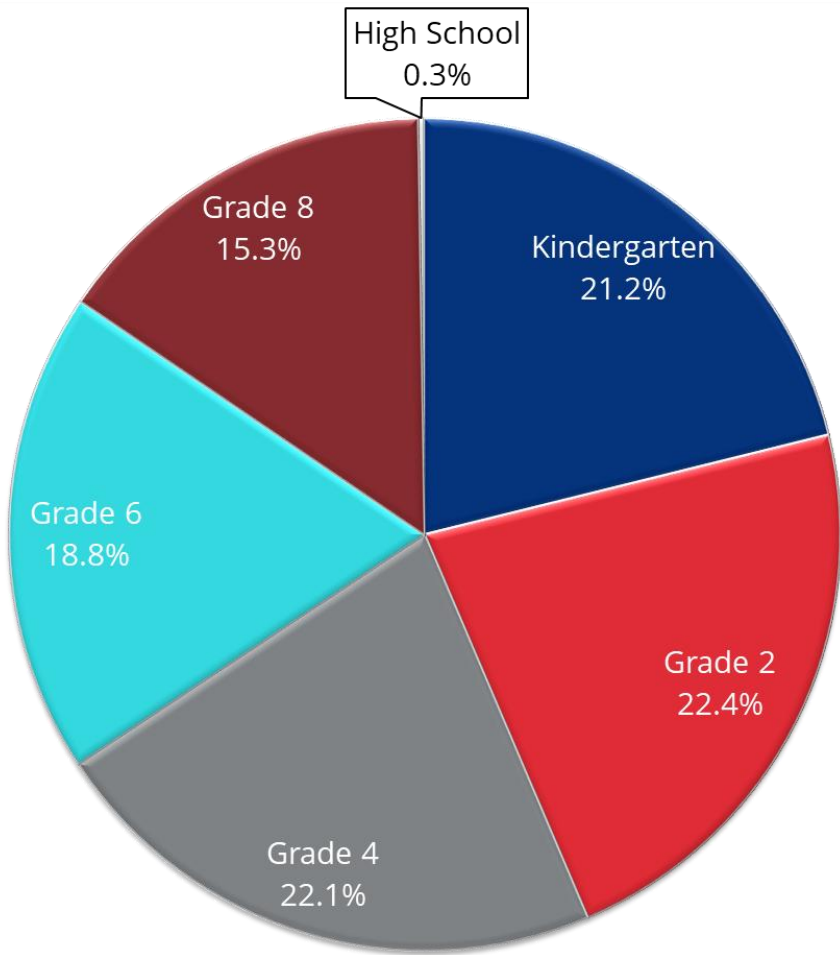
Figure 2. Prevalence Trend of Overweight or Obesity, Assessed Students, Tennessee Public Schools, 2014-15 to 2023-24 School Year



Student Characteristics

A slightly larger percentage of boys (51.6%) than girls (48.4%) were assessed for the 2023-24 school year. Of them, 21.1% were kindergarteners, 22.4% were 2nd graders, 22.1% were 4th graders, 18.8% were 6th graders, 15.3% were 8th graders, and 0.3% were high schoolers ([see Figure 3](#)).

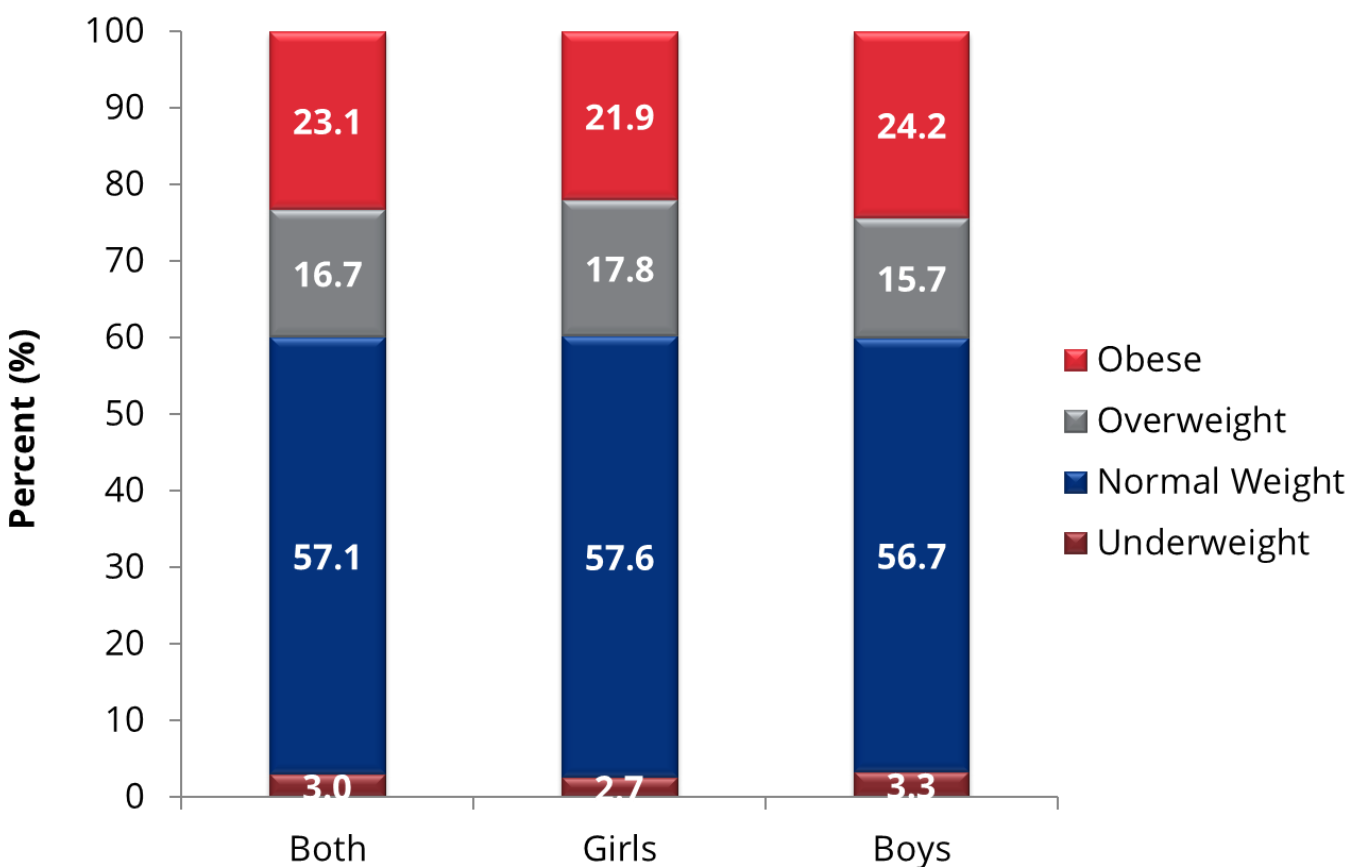
Figure 3. Percentage of Assessed Students by Grade Level, Tennessee Public School Students, 2023-24



Weight Status Distribution by Gender (of assessed students)

- Of all screened students, 39.9% were either overweight or obese.
- Overall, the percentage of girls with normal weight (57.6%, CI: 57.2-57.9%) was slightly higher than that of boys (56.7%, CI: 56.4-57.0%) ([see Figure 4](#)).
- The overweight or obesity prevalence among boys (40.0%) was higher than that of girls (39.7%); respectively (*not statistically significant*) ([see Figure 4](#)).
- Boys were more likely to be obese (24.2%) than girls (21.9%) (*statistically significant*). However, girls were more likely to be overweight (17.8%) than boys (15.7%) (*statistically significant*).
- Boys were more likely to be underweight (3.3%) than girls (2.7%) (*statistically significant*).

Figure 4. Weight Status Distribution by Gender, Assessed Students, Tennessee Public Schools, 2023-24

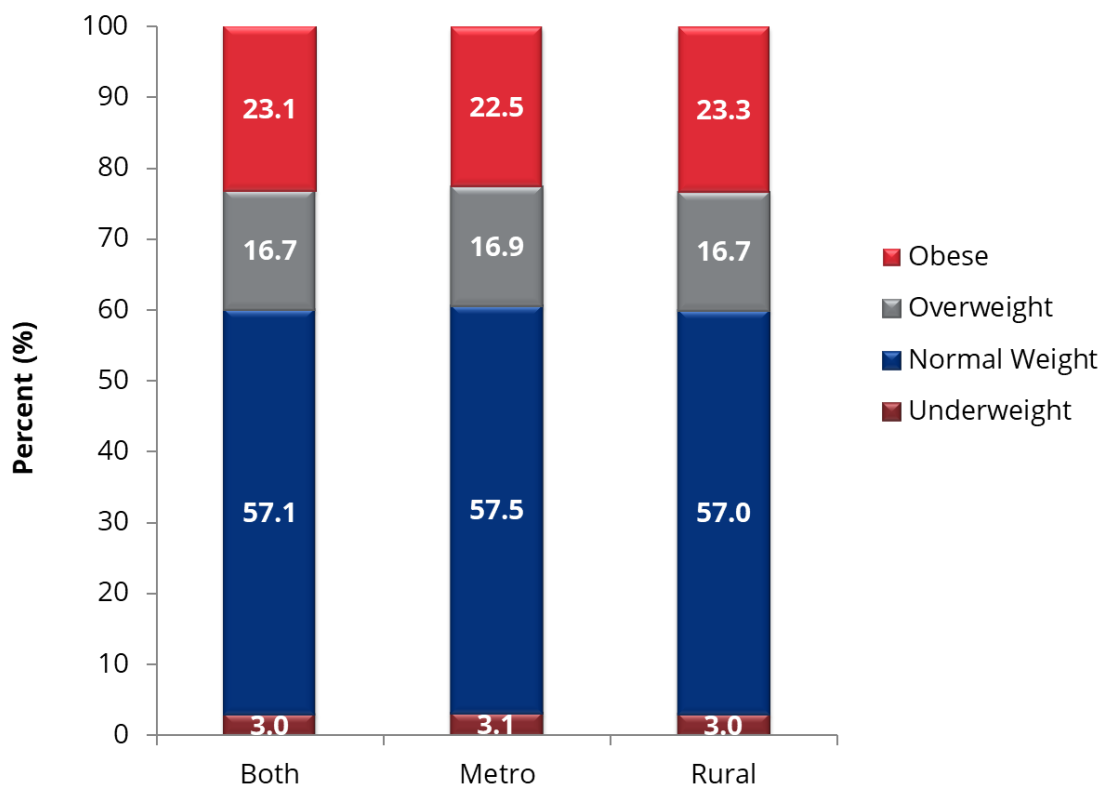


Weight Status Distribution by Metro and Rural Counties

Most students screened (79%) were outside metropolitan counties.¹

- **A higher prevalence of assessed rural students were overweight or obese** (40.0%, 95% CI: 39.7%–40.2%) compared to students in metropolitan counties (39.4%, 95% CI: 38.8%–39.9%). This difference was not statistically significant ([see Figure 5](#)).
- **A higher prevalence of assessed metro county students were normal weight** (57.5%) compared to rural county students (57.0%). The differences were not statistically significant ([see Figure 5](#)).
- **A higher prevalence of rural students screened were obese** (23.3%) compared to metro students screened (22.5%) (*not statistically significant*).
- **A similar prevalence of overweight students was found between rural** (16.7%) and metro (16.9%) students screened (*not statistically significant*).

Figure 5. Weight Status Distribution by Metro and Rural Counties, Assessed Students, Tennessee Public Schools, 2023-24

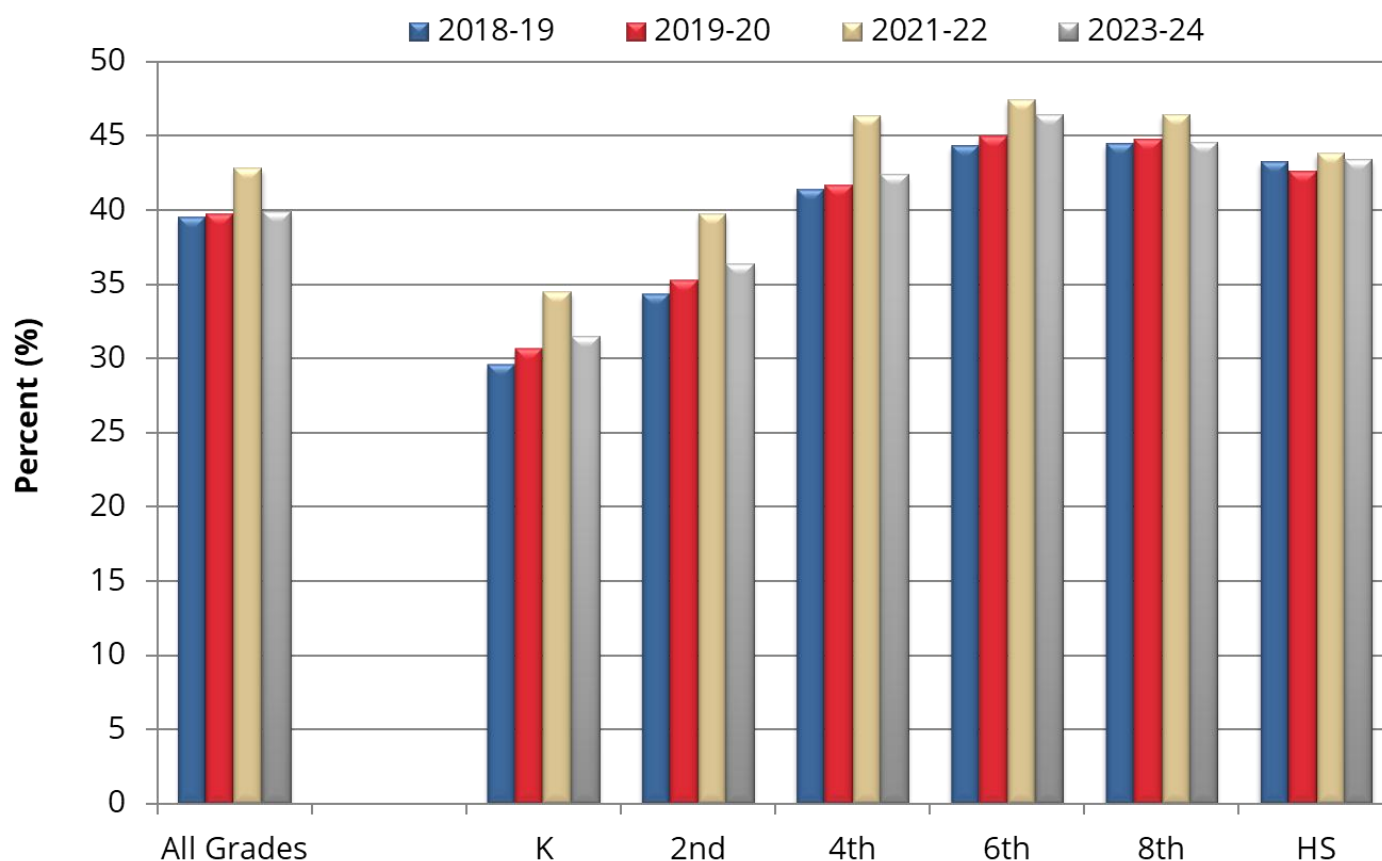


¹ Davidson, Hamilton, Knox, Madison, Shelby, and Sullivan are considered metropolitan counties, and the remaining 89 Tennessee counties are considered rural ([see Appendix B](#)).

Prevalence of Overweight or Obese Students by Grade: 2018-19 vs 2023-24

- **Since the 2018-19 school year**, there has been a statistically significant increase in the prevalence of overweight or obesity among students in grades 2, 4, and 6. Although kindergarten overweight and obesity prevalence increased slightly from 30.7% (2018-19 girls) and 29.8% (2018-19 boys) to 32.2% (2023-24 girls) and 30.9% (2023-24 boys), the change was not statistically significant. ([see Table 1](#))
- There was not a significant difference in the prevalence of overweight or obesity among 8th graders since data first was recorded, between 2017-18 and 2023-24.
- There was not a statistically significant decrease in prevalence of those who were overweight or obese among **high school girls** from 2018-19 (43.5%) to 2023-24 (39.4%).

Figure 6. Prevalence of Overweight or Obese by Grade, Assessed Students, Tennessee Public Schools, 2018-19, 2019-20, 2021-22, 2022-23, and 2023-24



Data are unavailable for the 2020-21 school year.

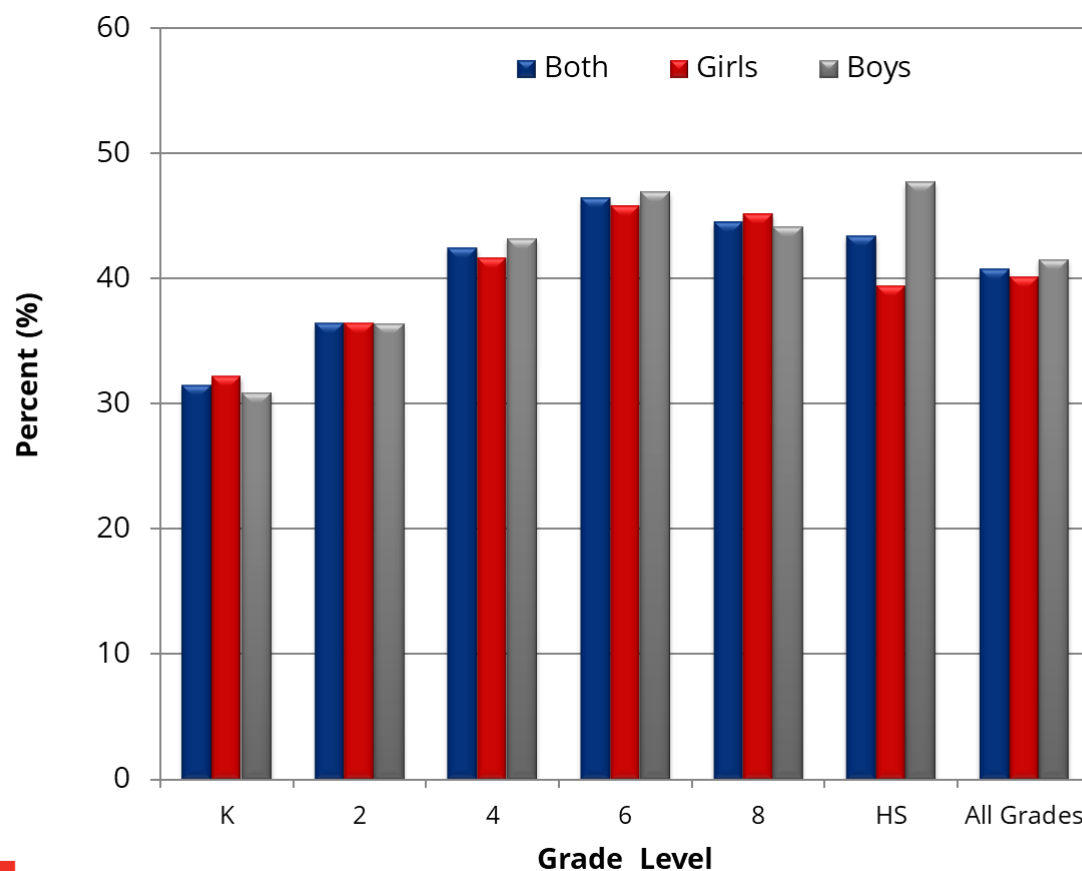
Data Source: Body Mass Index Data, 2018-19 to 2023-24, Tennessee Department of Education, Nashville, Tennessee.

Prevalence of Overweight or Obese Students by Gender and Grade

Of screened students, the percentage who were overweight or obese was 40% or higher in grade 4, grade 6, grade 8, and high school for both girls and boys ([see Figure 7](#)).

- Boys had the highest percentage of overweight or obese students overall (41.5%).
- High school boys, specifically, had the highest prevalence of overweight or obese students (47.7%).
- Among girls, the highest percentage of overweight or obese students was in grade 6 (45.8%).
- Boys in metro (3.4%) and rural (3.3%) regions were more likely to be underweight than girls in metro (2.8%) and rural (2.7%) regions. This was statistically significant among rural boys and girls but not for metro boys and girls.
- Among metro students, 3.4% of boys (95% CI: 3.1–3.6) were underweight compared to 2.8% of girls (95% CI: 2.6–3.1).
- In rural areas, 3.3% of boys (95% CI: 3.2–3.5) were underweight compared to 2.7% of girls (95% CI: 2.6–2.8).
- There were no statistically significant differences in underweight prevalence between metro and rural students of the same gender.

Figure 7. Prevalence of Overweight or Obese by Gender and Grade, Assessed Students, Tennessee Public Schools, 2023-24



Prevalence of Overweight or Obese Students by County

Of the students screened, the prevalence of overweight or obese students varied by county, ranging from Chester County (33.6%) to DeKalb County (53.8%) for the 2023-24 school year * ([see Figure 8](#)).

- The **five counties with the highest percentage of overweight or obese students** among those screened for BMI for the 2023-24 school year were DeKalb County (53.8%), Decatur County (50.5%), Hickman County (50.5%), Lake County (50.0%), and Benton County (48.8%).* ([see Table 2](#)).
- The **five counties with the lowest percentage of overweight or obese students** among those screened for BMI for the 2023-24 school year were Chester County (33.6%), Polk County (35.3%), Jackson (35.5%), Tipton (35.6%), and Blount County (37.3%)*.

* Only counties with at least 50% participation are ranked

Prevalence of Overweight or Obese Students by School District

The prevalence of overweight or obese students screened for BMI varied by school district, ranging from Franklin SSD Schools (29.2%) to DeKalb County Schools (53.8%) for the 2023-24 school year * ([see Table 3](#)).

- The **school districts with the highest percentage of overweight or obese students** among those screened for the 2023-24 school year were DeKalb County (53.8%), Hickman County (50.5%), Decatur County (50.5%), Fayetteville City (50.4%), and Lake County (50.0%)*.
- The **five school districts with the lowest percentage of overweight or obese students** among those screened for the 2023-24 school year were Franklin SSD (29.2%), Clinton City (31.1%), Maryville City (32.9%), Alcoa City (33.6%), and Chester County (33.6%)*.

* Only districts with at least 50% participation are ranked

Table 1. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by Grade, 2018-19, 2019-20, 2021-22, 2022-23, and 2023-24^ School Years

Grade	Gender	2018-19		2019-20		2021-22		2022-23		2023-24		Change from 2018-19 to 2023-24
		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	Percent overweight or obese	95% confidence interval	
All Grades	Both	39.5	39.4 - 39.7	39.7	39.5 - 39.9	42.8	42.6 - 43.0	40.2	40.0 - 40.4	39.8	39.6 - 40.1	
	Girls	39.5	39.2 - 39.7	39.5	39.3 - 39.8	42.1	41.8 - 42.4	40.0	39.8 - 40.3	39.7	39.4 - 40.1	
	Boys	39.6	39.3 - 39.8	39.8	39.6 - 40.1	43.4	43.1 - 43.7	40.4	40.1 - 40.7	40.0	39.6 - 40.3	
K	Both	29.6	29.2 - 29.9	30.7	30.3 - 31.1	34.4	34.0 - 34.9	31.1	30.7 - 31.5	31.5	31.0 - 32.0	Increase
	Girls	30.0	29.4 - 30.5	30.9	30.3 - 31.5	34.5	33.9 - 35.2	31.5	30.9 - 32.1	32.2	31.4 - 32.9	Increase
	Boys	29.2	28.6 - 29.7	30.4	29.9 - 31.0	34.4	33.7 - 35.0	30.7	30.1 - 31.3	30.9	30.2 - 31.6	Increase
2nd	Both	34.3	33.9 - 34.7	35.3	34.9 - 35.7	39.7	39.3 - 40.2	36.4	36.0 - 36.9	36.4	35.9 - 36.9	Increase
	Girls	34.1	33.5 - 34.7	35.3	34.7 - 35.9	39.1	38.4 - 39.8	36.2	35.6 - 36.9	36.4	35.7 - 37.1	Increase
	Boys	34.6	34.0 - 35.1	35.2	34.7 - 35.8	40.4	39.7 - 41.0	36.6	36.0 - 37.2	36.4	35.7 - 37.1	Increase
4th	Both	41.3	41.0 - 41.7	41.6	41.2 - 42.0	46.3	45.8 - 46.8	43.0	42.6 - 43.5	42.4	41.9 - 42.9	Increase
	Girls	40.7	40.1 - 41.2	40.5	39.9 - 41.1	44.7	44.1 - 45.4	42.1	41.4 - 42.7	41.6	40.9 - 42.4	
	Boys	42.0	41.4 - 42.5	42.7	42.1 - 43.2	47.8	47.1 - 48.5	44.0	43.4 - 44.6	43.2	42.5 - 43.9	
6th	Both	44.3	43.9 - 44.7	45.0	44.6 - 45.4	47.4	46.9 - 47.9	45.6	45.1 - 46.0	46.4	45.9 - 47.0	Increase
	Girls	43.6	43.0 - 44.2	44.2	43.6 - 44.9	46.3	45.5 - 47.1	45.0	44.3 - 45.7	45.8	45.0 - 46.7	Increase
	Boys	44.9	44.4 - 45.5	45.7	45.1 - 46.3	48.5	47.7 - 49.2	46.1	45.5 - 46.8	46.9	46.2 - 47.7	Increase
8th	Both	44.4	44.0 - 44.9	44.7	44.3 - 45.2	46.4	45.9 - 46.9	44.8	44.2 - 45.3	44.5	43.9 - 45.2	
	Girls	45.6	45.0 - 46.2	45.7	45.0 - 46.4	46.7	45.9 - 47.4	45.5	44.7 - 46.2	45.1	44.2 - 46.0	
	Boys	43.4	42.8 - 44.0	43.9	43.2 - 44.5	46.1	45.4 - 46.9	44.1	43.4 - 44.8	44.1	43.2 - 44.9	
High School	Both	43.2	42.7 - 43.7	42.6	42.1 - 43.1	43.8	43.3 - 44.4	41.8	41.3 - 42.3	43.4	38.6 - 48.2	
	Girls	43.5	42.8 - 44.1	42.8	42.0 - 43.5	43.0	42.2 - 43.8	41.6	40.9 - 42.3	39.4	32.8 - 46.1	
	Boys	42.9	42.3 - 43.0	42.5	41.7 - 43.2	44.6	43.9 - 45.4	42.0	41.3 - 42.7	47.7	40.6 - 54.8	

^Please note: a report was not generated for the 2020-21 school year due to low screening numbers as a result of the COVID-19 pandemic

*Overweight/obese was defined as body mass index (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 2018-19 to 2023-24.

Data source: Body Mass Index Data, 2018-19 to 2023-24, Tennessee Department of Education, Nashville Tennessee

Table 2. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by County, 2018-19, 2019-20, 2021-22, 2022-23, and 2023-24^ School Years

County	2018-19		2019-20		2021-22		2022-23		2023-24		Percent of Population Assessed 2023-24**
	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	Percent overweight or obese	95% confidence interval	
Tennessee	39.5	39.4 - 39.7	39.7	39.5 - 39.9	42.8	42.6 - 43.0	40.2	40.0 - 40.4	44.7	40.2 - 49.4	36.1%**
Anderson	39.5	37.8 - 41.1	40.0	38.5 - 41.5	41.1	39.4 - 42.8	40.0	38.5 - 41.5	35.1	33.0 - 37.4	33.4%**
Bedford	48.5	46.7 - 50.3	43.5	41.0 - 46.0	No Data	-	45.7	42.8 - 48.5	45.6	42.2 - 49.0	20.2%**
Benton	46.6	43.1 - 50.1	48.5	44.7 - 52.2	47.7	44.1 - 51.3	46.1	42.7 - 49.5	48.8	44.8 - 52.7	63.7%
Bledsoe	41.5	36.8 - 46.3	39.8	35.0 - 44.7	40.6	35.6 - 45.6	47.8	42.9 - 52.6	No Data	-	0.0%
Blount	38.5	37.4 - 39.6	38.2	37.0 - 39.3	39.5	38.3 - 40.8	39.7	38.5 - 40.9	37.3	36.0 - 38.6	65.4%
Bradley	40.2	39.0 - 41.4	40.8	39.5 - 42.0	42.0	40.6 - 43.3	41.0	39.7 - 42.2	39.6	38.0 - 41.2	50.3%
Campbell	45.6	42.3 - 48.9	48.6	46.2 - 51.0	45.1	42.4 - 47.9	42.5	39.9 - 45.1	41.2	36.7 - 45.9	16.9%**
Cannon	40.3	36.7 - 43.8	43.6	40.0 - 47.2	42.6	38.2 - 47.0	43.7	39.8 - 47.6	40.7	36.3 - 45.3	81.8%
Carroll	47.0	44.7 - 49.3	45.9	43.4 - 48.3	44.1	41.6 - 46.5	43.9	41.6 - 46.3	38.6	35.8 - 41.5	60.6%
Carter	44.3	42.3 - 46.3	43.6	41.7 - 45.6	47.5	45.1 - 49.9	41.9	39.7 - 44.2	41.5	39.2 - 43.9	54.2%
Cheatham	32.2	30.0 - 34.5	No Data	-	No Data	-	No Data	-	No Data	-	0.0%
Chester	41.3	38.1 - 44.5	41.4	38.2 - 44.6	No Data	-	35.8	33.1 - 38.6	33.6	30.4 - 36.9	62.6%
Claiborne	47.7	44.8 - 50.6	47.1	44.2 - 50.0	44.6	41.7 - 47.4	43.3	40.4 - 46.2	42.4	39.6 - 45.3	64.7%
Clay	41.5	37.0 - 46.1	39.8	35.0 - 44.6	43.2	38.6 - 47.7	45.5	40.7 - 50.3	37.6	32.5 - 43.0	69.5%
Cocke	48.3	46.4 - 50.2	46.2	44.0 - 48.3	49.4	47.0 - 51.7	47.5	45.4 - 49.7	43.8	40.9 - 46.9	46.4%**
Coffee	41.5	39.8 - 43.2	42.8	41.2 - 44.5	45.1	43.0 - 47.2	40.7	38.9 - 42.4	42.0	40.1 - 44.0	56.2%
Crockett	45.6	42.6 - 48.6	46.1	43.3 - 48.9	46.5	43.5 - 49.4	46.6	43.4 - 49.7	43.0	36.2 - 50.1	15.2%**
Cumberland	46.9	45.2 - 48.6	43.9	42.0 - 45.7	43.5	41.6 - 45.5	44.7	42.7 - 46.6	40.7	37.7 - 43.9	30.8%**
Davidson	37.1	36.5 - 37.7	35.9	35.3 - 36.5	41.7	41.0 - 42.3	38.7	38.1 - 39.4	36.5	35.7 - 37.4	32.9%**
DeKalb	46.2	43.3 - 49.1	46.9	44.0 - 49.8	48.8	45.9 - 51.8	45.6	42.7 - 48.6	53.8	50.6 - 56.9	74.9%
Decatur	45.1	41.2 - 48.9	47.8	44.0 - 51.6	48.8	44.5 - 53.1	47.9	43.9 - 51.9	50.5	46.1 - 55.0	73.6%
Dickson	41.3	39.5 - 43.1	38.1	35.9 - 40.4	43.6	41.5 - 45.6	41.2	39.1 - 43.2	38.9	36.6 - 41.1	49.9%**
Dyer	39.0	37.1 - 40.8	42.1	39.8 - 44.4	42.9	40.7 - 45.1	38.3	36.4 - 40.3	41.2	39.2 - 43.3	80.2%
Fayette	46.0	43.2 - 48.8	42.0	39.3 - 44.8	No Data	-	42.4	39.6 - 45.3	No Data	-	0.0%
Fentress	49.4	46.3 - 52.6	45.5	42.2 - 48.7	43.8	40.7 - 46.9	44.8	41.8 - 47.9	42.7	37.9 - 47.7	31.2%**
Franklin	66.0	62.7 - 69.2	40.9	38.4 - 43.4	36.3	31.2 - 41.3	40.7	38.4 - 43.0	39.0	36.0 - 42.1	44.9%**
Gibson	42.9	41.2 - 44.6	44.0	42.3 - 45.6	46.1	44.3 - 47.9	44.6	42.9 - 46.2	42.5	40.5 - 44.6	56.5%
Giles	45.7	43.2 - 48.2	40.8	38.1 - 43.5	42.1	39.5 - 44.6	44.5	41.9 - 47.1	39.4	35.2 - 43.8	29.1%**
Grainger	52.8	50.1 - 55.5	50.4	47.7 - 53.1	No Data	-	54.5	50.4 - 58.5	49.1	41.6 - 56.7	12.4%**
Greene	42.7	41.0 - 44.3	41.8	40.1 - 43.5	44.8	42.8 - 46.9	40.7	39.0 - 42.4	42.1	40.2 - 44.1	61.4%
Grundy	39.6	35.4 - 43.8	39.2	35.3 - 43.2	41.1	36.8 - 45.4	38.0	33.7 - 42.2	28.7	23.8 - 34.2	37.1%**
Hamblen	47.0	45.5 - 48.5	47.6	46.0 - 49.1	46.9	45.1 - 48.7	45.3	43.6 - 46.9	46.5	44.7 - 48.3	64.1%
Hamilton	36.0	35.3 - 36.7	41.2	40.4 - 41.9	38.6	37.9 - 39.4	No Data	-	No Data	-	0.0%
Hancock	51.2	46.2 - 56.1	45.1	37.2 - 53.0	47.5	41.9 - 53.1	41.1	35.3 - 46.8	No Data	-	0.0%
Hardeman	42.2	38.9 - 45.5	47.9	44.6 - 51.2	No Data	-	43.8	40.3 - 47.3	44.0	40.0 - 48.1	40.5%**
Hardin	47.2	44.7 - 49.6	47.0	44.5 - 49.5	48.8	46.2 - 51.4	45.1	42.5 - 47.7	44.9	42.1 - 47.6	85.0%
Hawkins	45.6	43.7 - 47.5	43.8	41.8 - 45.8	No Data	-	No Data	-	33.3	21.7 - 47.5	1.5%**
Haywood	42.8	39.9 - 45.7	43.8	40.8 - 46.8	51.4	48.0 - 54.8	46.5	43.3 - 49.8	43.3	38.4 - 48.2	36.7%**
Henderson	44.3	42.1 - 46.6	44.2	41.5 - 46.9	52.5	47.9 - 57.1	46.3	43.7 - 48.9	46.6	43.9 - 49.3	61.3%
Henry	42.3	40.0 - 44.5	42.9	40.7 - 45.1	46.4	43.4 - 49.4	43.8	41.3 - 46.4	41.6	38.3 - 45.0	41.0%**
Hickman	43.0	40.2 - 45.8	45.6	42.7 - 48.4	48.2	45.3 - 51.2	43.8	40.8 - 46.8	50.5	47.4 - 53.6	72.7%
Houston	32.8	29.0 - 36.7	35.5	31.2 - 39.7	44.4	37.7 - 51.2	42.5	37.8 - 47.3	No Data	-	0.0%
Humphreys	39.5	36.7 - 42.3	42.0	38.9 - 45.2	No Data	-	No Data	-	39.7	35.4 - 44.2	39.4%**
Jackson	38.4	33.4 - 43.5	54.5	48.4 - 60.6	No Data	-	37.6	29.4 - 45.8	35.5	31.5 - 39.7	79.3%
Jefferson	41.8	39.2 - 44.3	39.0	36.5 - 41.6	43.7	41.0 - 46.3	44.8	42.3 - 47.3	43.8	41.3 - 46.3	47.5%**
Johnson	41.4	37.7 - 45.1	39.9	36.4 - 43.4	42.0	38.4 - 45.7	38.0	34.5 - 41.6	No Data	-	***
Knox	37.6	36.8 - 38.3	34.3	33.5 - 35.1	No Data	-	36.3	35.6 - 37.0	No Data	-	0.0%
Lake	50.3	42.9 - 57.6	49.5	43.8 - 55.2	53.9	48.3 - 59.5	51.0	45.7 - 56.3	50.0	43.6 - 56.4	76.0%
Lauderdale	47.9	45.1 - 50.6	45.4	42.7 - 48.1	No Data	-	49.7	46.8 - 52.6	46.7	43.5 - 50.0	63.4%
Lawrence	42.1	40.1 - 44.1	43.0	41.0 - 45.1	42.7	40.6 - 44.8	40.7	38.8 - 42.6	35.8	32.8 - 38.9	29.8%**
Lewis	51.0	47.2 - 54.7	48.4	44.2 - 52.6	No Data	-	45.1	41.0 - 49.3	46.7	42.5 - 51.0	39.7%**

^Please note: a report was not generated for the 2020-21 school year due to low screening numbers as a result of the COVID-19 pandemic

*Overweight/obese was defined as body mass index (BMI) greater than or equal to the 85th percentile for children of the same age and sex.

No data indicates data was not submitted for the school year.

Data source: Body Mass Index Data, 2018-19 to 2023-24, Tennessee Department of Education, Nashville Tennessee

** Results for counties with less than a 50% response rate should be interpreted with caution.

Table 2. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by County, 2018-19, 2019-20, 2021-22, 2022-23, and 2023-24^ School Years

County	2018-19		2019-20		2021-22		2022-23		2023-24		Percent of Population Assessed 2023-24**
	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	Percent overweight or obese	95% confidence interval	
Lincoln	38.7	36.5 - 40.9	41.6	39.3 - 43.9	41.4	39.2 - 43.7	38.0	35.7 - 40.3	42.0	39.5 - 44.6	64.5%
Loudon	43.6	41.5 - 45.6	42.6	40.6 - 44.5	43.7	41.9 - 45.6	40.7	38.8 - 42.6	41.2	39.2 - 43.3	67.0%
Macon	45.5	43.0 - 48.0	44.5	42.2 - 46.9	34.4	28.0 - 40.9	40.2	37.8 - 42.5	44.3	41.3 - 47.4	52.8%
Madison	42.5	41.2 - 43.9	40.8	39.4 - 42.2	48.6	44.5 - 52.7	45.0	43.5 - 46.4	42.3	40.8 - 43.8	75.0%
Marion	42.9	40.3 - 45.5	39.8	37.1 - 42.5	36.9	34.1 - 39.6	35.1	32.5 - 37.6	39.0	36.0 - 42.1	53.5%
Marshall	41.2	39.2 - 43.3	43.1	41.0 - 45.3	39.0	36.7 - 41.2	38.8	36.6 - 41.0	42.2	39.8 - 44.5	67.4%
Mauzy	38.0	36.8 - 39.2	39.6	38.2 - 41.0	41.2	39.8 - 42.6	38.7	37.4 - 40.0	38.5	37.0 - 40.0	66.4%
McMinn	41.5	39.7 - 43.4	42.8	40.9 - 44.6	42.6	40.6 - 44.6	42.8	40.9 - 44.7	39.2	36.9 - 41.6	53.0%
McNairy	43.6	41.3 - 45.9	43.3	40.9 - 45.7	No Data	-	41.1	38.6 - 43.6	41.4	38.7 - 44.2	72.6%
Meigs	44.7	41.0 - 48.4	42.7	38.8 - 46.7	46.6	42.8 - 50.3	45.5	41.7 - 49.3	39.4	35.7 - 43.4	78.8%
Monroe	44.7	42.7 - 46.6	40.2	38.2 - 42.2	48.2	44.5 - 51.9	48.3	46.3 - 50.3	48.7	46.1 - 51.3	48.6%**
Montgomery	34.0	33.2 - 34.9	29.8	28.9 - 30.7	37.4	36.5 - 38.4	38.4	36.6 - 40.1	37.4	35.6 - 39.3	14.1%**
Moore	39.4	34.3 - 44.5	40.1	33.5 - 46.7	23.9	19.8 - 28.0	28.8	24.0 - 33.6	18.8	13.9 - 25.0	46.4%**
Morgan	40.4	37.6 - 43.3	38.0	34.7 - 41.3	43.3	40.1 - 46.5	41.7	38.8 - 44.6	39.5	36.2 - 42.9	66.8%
Obion	43.8	41.7 - 45.9	46.3	44.0 - 48.5	45.8	43.5 - 48.1	43.5	41.3 - 45.8	42.5	39.7 - 45.3	58.3%
Overton	41.7	38.5 - 44.9	45.0	41.8 - 48.3	39.0	35.6 - 42.3	31.0	25.1 - 36.8	39.9	36.4 - 43.5	53.5%
Perry	37.6	29.8 - 45.4	35.5	29.7 - 41.2	36.7	31.6 - 41.9	38.5	32.8 - 44.2	30.4	22.8 - 39.4	25.8%**
Pickett	44.2	38.5 - 49.9	No Data	-	55.5	49.0 - 62.0	47.5	41.0 - 54.1	No Data	-	0.0%
Polk	37.6	34.3 - 41.0	41.9	38.3 - 45.5	37.5	33.8 - 41.2	35.9	32.2 - 39.5	35.3	31.4 - 39.5	58.3%
Putnam	39.6	37.9 - 41.3	38.9	37.2 - 40.6	42.7	40.0 - 45.4	No Data	-	37.6	35.7 - 39.5	48.0%**
Rhea	44.5	42.3 - 46.7	45.4	43.2 - 47.6	48.1	45.9 - 50.4	46.2	43.9 - 48.4	45.8	43.3 - 48.3	71.6%
Roane	41.0	38.5 - 43.4	41.3	39.4 - 43.3	42.3	40.4 - 44.2	42.7	40.7 - 44.6	40.3	38.4 - 42.3	87.4%
Robertson	44.0	42.1 - 45.9	44.2	42.1 - 46.2	45.2	43.4 - 46.9	No Data	-	41.9	39.9 - 44.0	42.3%**
Rutherford	35.9	35.1 - 36.6	38.0	37.3 - 38.8	42.7	42.0 - 43.5	40.9	40.1 - 41.7	38.8	38.0 - 39.5	58.2%
Scott	46.0	43.5 - 48.5	44.8	42.4 - 47.2	42.5	38.6 - 46.5	43.6	40.8 - 46.3	42.3	38.9 - 45.7	45.9%**
Sequatchie	44.2	40.9 - 47.6	54.1	49.9 - 58.3	41.0	37.4 - 44.6	39.6	35.3 - 44.0	31.2	25.4 - 37.6	24.9%**
Sevier	36.6	35.2 - 37.9	38.2	36.9 - 39.5	41.7	40.3 - 43.1	39.4	38.0 - 40.7	42.1	40.6 - 43.6	62.3%
Shelby	39.3	38.8 - 39.8	38.8	38.3 - 39.3	50.1	49.6 - 50.7	40.9	40.5 - 41.4	40.6	39.9 - 41.3	25.8%**
Smith	42.4	39.5 - 45.3	45.0	42.3 - 47.8	48.7	45.6 - 51.7	43.9	40.9 - 46.9	43.8	40.6 - 47.0	68.5%
Stewart	40.6	37.1 - 44.1	40.7	37.4 - 43.9	40.8	37.4 - 44.1	39.1	35.5 - 42.8	33.2	28.4 - 38.5	37.3%**
Sullivan	37.7	36.6 - 38.9	39.4	38.2 - 40.6	No Data	-	39.3	37.8 - 40.8	No Data	-	0.0%
Sumner	35.8	35.0 - 36.7	36.7	35.8 - 37.6	35.7	34.8 - 36.6	34.9	34.0 - 35.8	No Data	-	0.0%
Tipton	37.9	36.2 - 39.5	37.4	35.7 - 39.1	37.4	35.4 - 39.3	34.5	32.6 - 36.4	35.6	33.7 - 37.6	53.4%
Trousdale	43.4	39.3 - 47.5	42.9	39.0 - 46.8	41.0	37.2 - 44.8	40.8	36.9 - 44.7	39.5	35.4 - 43.8	80.6%
Unicoi	44.5	41.1 - 47.9	45.4	41.4 - 49.4	42.7	39.0 - 46.4	No Data	-	No Data	-	0.0%
Union	40.9	37.4 - 44.3	42.9	39.2 - 46.6	No Data	-	37.7	33.9 - 41.4	No Data	-	0.0%
Van Buren	38.7	32.9 - 44.5	43.1	37.1 - 49.0	42.6	36.7 - 48.5	41.5	36.0 - 47.1	39.9	33.8 - 46.4	74.0%
Warren	44.7	42.8 - 46.6	43.0	41.1 - 44.9	46.1	44.1 - 48.1	42.5	40.6 - 44.5	43.4	41.2 - 45.6	68.5%
Washington	36.8	35.4 - 38.2	35.7	34.4 - 37.0	39.5	38.1 - 40.9	36.8	35.3 - 38.2	No Data	-	0.0%
Wayne	37.5	33.8 - 41.1	46.4	43.0 - 49.8	No Data	-	42.4	38.5 - 46.3	44.3	40.1 - 48.7	55.3%
Weakley	45.1	42.8 - 47.5	52.6	45.2 - 60.0	44.1	41.7 - 46.5	42.0	39.5 - 44.4	39.0	32.3 - 46.2	10.3%**
White	46.7	44.1 - 49.4	45.7	42.9 - 48.6	39.8	35.6 - 44.0	38.6	34.8 - 42.3	39.5	36.3 - 42.7	50.9%
Williamson	24.7	23.5 - 25.9	24.0	22.3 - 25.7	36.4	33.7 - 39.1	24.5	23.1 - 25.9	29.2	26.9 - 31.6	7.2%**
Wilson	36.5	35.5 - 37.6	37.0	36.0 - 38.0	37.1	35.9 - 38.3	36.4	35.3 - 37.5	39.7	36.9 - 42.7	9.6%**

^Please note: a report was not generated for the 2020-21 school year due to low screening numbers as a result of the COVID-19 pandemic

*Overweight/obese was defined as body mass index (BMI) greater than or equal to the 85th percentile for children of the same age and sex.

No data indicates data was not submitted for the school year.

Data source: Body Mass Index Data, 2018-19 to 2023-24, Tennessee Department of Education, Nashville Tennessee

** Results for counties with less than a 50% response rate should be interpreted with caution.

Table 3. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by School District, 2018-19, 2019-20, 2021-22 and 2022-23^ School Years

District	2018-19			2019-20			2021-22			2022-23			2023-24			Percent of Population Assessed 2023-24
	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		Percent overweight or obese	95% confidence interval		
Tennessee	39.5	39.3	- 39.7	39.7	39.5	- 39.9	42.8	42.6	- 43.0	40.2	40.0	- 40.4	39.8	39.6	- 40.1	36.5%**
Alamo	42.8	37.3	- 48.3	45.2	39.6	- 50.7	40.1	34.4	- 45.7	43.0	37.1	- 48.9	No Data	-	-	0.0%
Alcoa City	38.3	34.1	- 42.4	37.0	32.3	- 41.7	34.2	23.7	- 44.6	37.8	33.9	- 41.6	33.6	29.8	- 37.6	57.2%
Alvin York	44.3	35.3	- 53.4	38.8	29.1	- 48.4	50.0	41.1	- 58.9	56.9	47.6	- 66.2	No Data	-	-	0.0%
Anderson County	43.1	41.0	- 45.2	44.2	42.0	- 46.4	44.7	41.9	- 47.5	45.0	42.8	- 47.2	No Data	-	-	0.0%
Arlington Community	33.1	31.0	- 35.3	30.6	28.6	- 32.7	33.8	31.0	- 36.7	33.7	31.4	- 36.0	No Data	-	-	0.0%
Athens City	39.6	36.0	- 43.1	37.2	33.8	- 40.6	44.4	41.0	- 47.9	44.9	41.4	- 48.4	39.1	35.7	- 42.7	78.7%
Bartlett City Schools	33.8	32.2	- 35.4	33.4	31.8	- 35.0	No Data	-	-	36.8	35.0	- 38.5	38.1	36.2	- 40.0	61.4%
Bedford County	48.5	46.7	- 50.3	43.5	41.0	- 46.0	No Data	-	-	45.7	42.8	- 48.5	43.1	40.9	- 45.3	48.4%**
Bells City	36.1	28.3	- 44.0	38.7	31.3	- 46.1	52.7	44.6	- 60.8	46.9	39.2	- 54.6	43.2	35.7	- 51.1	85.2%
Benton County	46.6	43.1	- 50.1	48.5	44.7	- 52.2	47.7	44.1	- 51.3	46.1	42.7	- 49.5	48.8	44.8	- 52.7	63.7%
Bledsoe County	41.5	36.8	- 46.3	39.8	35.0	- 44.7	40.6	35.6	- 45.6	47.8	42.9	- 52.6	No Data	-	-	0.0%
Blount County	41.1	39.6	- 42.6	41.4	39.9	- 43.0	43.1	41.4	- 44.8	41.0	39.5	- 42.5	39.9	38.2	- 41.5	72.9%
Bradford SSD	43.8	37.4	- 50.1	41.0	34.7	- 47.4	44.4	34.2	- 54.7	40.6	34.2	- 47.1	No Data	-	-	0.0%
Bradley County	40.5	38.9	- 42.1	41.2	39.6	- 42.9	40.9	39.3	- 42.5	39.7	38.1	- 41.3	41.0	39.2	- 42.8	65.0%
Bristol City	35.3	32.9	- 37.6	33.0	30.6	- 35.4	No Data	-	-	37.1	34.3	- 39.9	No Data	-	-	0.0%
Campbell County	45.6	42.3	- 48.9	48.6	46.2	- 51.0	45.1	42.4	- 47.9	42.5	39.9	- 45.1	41.2	36.7	- 45.9	18.9%**
Cannon County	40.3	36.7	- 43.8	43.6	40.0	- 47.2	42.6	38.2	- 47.0	43.7	39.8	- 47.6	40.7	36.3	- 45.3	55.4%
Carter County	46.1	43.6	- 48.6	43.9	41.4	- 46.3	47.7	44.5	- 50.8	41.5	38.7	- 44.3	42.1	39.3	- 45.0	57.7%
Cheatham County	32.2	30.0	- 34.5	No Data	-	-	No Data	-	-	No Data	-	-	No Data	-	-	0.0%
Chester County	41.3	38.1	- 44.5	41.4	38.2	- 44.6	No Data	-	-	35.8	33.1	- 38.6	33.6	30.4	- 36.9	62.6%
Claiborne County	47.7	44.8	- 50.6	47.1	44.2	- 50.0	44.6	41.7	- 47.4	43.3	40.4	- 46.2	42.4	39.6	- 45.3	64.7%
Clay County	41.5	37.0	- 46.1	39.8	35.0	- 44.6	43.2	38.6	- 47.7	45.5	40.7	- 50.3	37.6	32.5	- 43.0	69.5%
Cleveland	39.8	37.8	- 41.7	40.0	38.0	- 42.0	43.9	41.7	- 46.2	42.9	40.9	- 45.0	33.0	29.5	- 36.8	24.7%**
Clinton City	36.9	32.4	- 41.4	35.1	30.6	- 39.6	53.2	47.2	- 59.1	45.4	40.0	- 50.7	31.1	26.0	- 36.7	58.0%
Cocke County	48.2	46.1	- 50.3	46.2	43.8	- 48.5	49.4	47.0	- 51.7	48.5	46.1	- 50.8	43.8	40.9	- 46.9	55.3%
Coffee County	44.1	41.5	- 46.6	43.9	41.4	- 46.4	42.5	38.0	- 47.1	40.1	37.3	- 42.8	44.9	41.7	- 48.1	50.3%
Collierville	22.9	21.5	- 24.2	25.8	23.5	- 28.1	No Data	-	-	22.9	21.6	- 24.2	No Data	-	-	0.0%
Crockett County	49.3	45.3	- 53.2	48.3	44.6	- 51.9	48.0	44.1	- 51.8	48.3	44.0	- 52.5	51.9	34.0	- 69.3	3.4%**
Cumberland County	46.9	45.2	- 48.6	43.9	42.0	- 45.7	43.5	41.6	- 45.5	44.7	42.7	- 46.6	40.7	37.7	- 43.9	30.8%**
Davidson County	37.1	36.5	- 37.7	35.9	35.3	- 36.5	41.7	41.0	- 42.3	38.7	38.1	- 39.4	No Data	-	-	0.0%
Dayton City	39.9	35.0	- 44.8	41.5	36.6	- 46.4	48.4	43.6	- 53.3	46.0	41.1	- 50.9	48.7	44.1	- 53.4	95.2%
DeKalb County	45.1	41.2	- 48.9	46.9	44.0	- 49.8	48.8	45.9	- 51.8	45.6	42.7	- 48.6	53.8	50.6	- 56.9	74.9%
Decatur County	46.2	43.3	- 49.1	47.8	44.0	- 51.6	48.8	44.5	- 53.1	47.9	43.9	- 51.9	50.5	46.1	- 55.0	73.6%
Dickson County	41.3	39.5	- 43.1	38.1	35.9	- 40.4	43.6	41.5	- 45.6	41.2	39.1	- 43.2	38.9	36.6	- 41.1	49.9%**
Dyer County	38.4	36.0	- 40.7	40.3	37.8	- 42.9	42.7	40.2	- 45.2	37.7	35.1	- 40.3	40.8	38.1	- 43.5	76.0%
Dyersburg City	40.0	37.0	- 43.0	49.7	44.3	- 55.1	43.4	38.8	- 48.0	39.2	36.2	- 42.2	41.8	38.7	- 45.0	86.5%
Elizabethton	41.2	37.9	- 44.6	43.1	39.8	- 46.5	47.3	43.7	- 51.0	42.8	38.9	- 46.7	40.4	36.5	- 44.5	48.5%**
Etowah City	32.3	25.0	- 39.6	42.9	35.2	- 50.7	42.9	34.9	- 50.9	46.6	38.6	- 54.7	No Data	-	-	0.0%
Fayette County	46.0	43.2	- 48.8	42.0	39.3	- 44.8	No Data	-	-	42.4	39.6	- 45.3	No Data	-	-	0.0%
Fayetteville City	34.3	30.2	- 38.4	44.8	40.5	- 49.1	38.6	33.9	- 43.2	41.3	36.2	- 46.3	50.4	45.3	- 55.5	71.2%
Fentress County	50.1	46.8	- 53.4	46.3	42.8	- 49.7	42.9	39.6	- 46.2	43.4	40.2	- 46.6	42.7	37.9	- 47.7	35.0%**
Franklin County	66.0	62.7	- 69.2	40.9	38.4	- 43.4	36.3	31.2	- 41.3	40.7	38.4	- 43.0	39.0	36.0	- 42.1	44.9%**
Franklin SSD	30.8	28.5	- 33.0	No Data	-	-	36.4	33.7	- 39.1	29.8	27.4	- 32.2	29.2	26.9	- 31.6	65.1%
Germantown	21.7	20.0	- 23.5	21.8	20.0	- 23.5	No Data	-	-	23.6	21.1	- 26.2	No Data	-	-	0.0%
Gibson County SSD	38.8	36.2	- 41.4	42.0	39.3	- 44.7	42.6	39.7	- 45.4	44.1	41.7	- 46.5	40.5	37.9	- 43.1	76.3%
Giles County	45.7	43.2	- 48.2	40.8	38.1	- 43.5	42.1	39.5	- 44.6	44.5	41.9	- 47.1	39.4	35.2	- 43.8	29.1%**
Grainger County	52.8	50.1	- 55.5	50.4	47.7	- 53.1	No Data	-	-	54.5	50.4	- 58.5	49.1	41.6	- 56.7	12.4%**
Greene County	43.3	41.3	- 45.3	42.3	40.1	- 44.4	44.8	42.8	- 46.9	39.0	37.0	- 41.1	41.6	39.3	- 43.8	70.0%
Greeneville City	41.4	38.5	- 44.2	41.0	38.2	- 43.8	No Data	-	-	44.3	41.3	- 47.3	43.9	39.9	- 48.0	43.8%**
Grundy County	39.6	35.4	- 43.8	39.2	35.3	- 43.2	41.1	36.8	- 45.4	38.0	33.7	- 42.2	28.7	23.8	- 34.2	37.1%**
Hamblen County	47.0	45.5	- 48.5	47.6	46.0	- 49.1	46.9	45.1	- 48.7	45.3	43.6	- 46.9	46.5	44.7	- 48.3	64.1%
Hamilton County	36.0	35.3	- 36.7	41.2	40.4	- 41.9	38.6	37.9	- 39.4	No Data	-	-	No Data	-	-	0.0%
Hancock County	51.2	46.2	- 56.1	45.1	37.2	- 53.0	47.5	41.9	- 53.1	41.1	35.3	- 46.8	No Data	-	-	0.0%

^Please note: a report was not generated for the 2020-21 school year due to low screening numbers as a result of the COVID-19 pandemic

*Overweight/obese was defined as body mass index (BMI) greater than or equal to the 85th percentile for children of the same age and sex.

No data indicates data was not submitted for the school year.

Data source: Body Mass Index Data, 2018-19 to 2023-24, Tennessee Department of Education, Nashville Tennessee

** Results for districts with less than a 50% response rate should be interpreted with caution.

***Data provided was biologically implausible, indicating an error in data collection.

9 districts are missing data due to the COVID-19 pandemic.

Table 3. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by School District, 2018-19, 2019-20, 2021-22 and 2022-23^ School Years

District	2018-19			2019-20			2021-22			2022-23			2023-24			Percent of Population Assessed 2023-24
	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		Percent overweight or obese	95% confidence interval		
Hardeman County	42.2	38.9	- 45.5	47.9	44.6	- 51.2	No Data	-		43.8	40.3	- 47.3	44.0	40.0	- 48.1	40.5%**
Hardin County	47.2	44.7	- 49.6	47.0	44.5	- 49.5	48.8	46.2	- 51.4	45.1	42.5	- 47.7	44.9	42.1	- 47.6	85.0%
Hawkins County	46.0	44.0	- 48.1	44.4	42.2	- 46.5	No Data	-		No Data	-		No Data	-		0.0%
Haywood County	42.8	39.9	- 45.7	43.8	40.8	- 46.8	51.4	48.0	- 54.8	46.5	43.3	- 49.8	43.3	38.4	- 48.2	36.7%**
Henderson County	44.8	42.2	- 47.4	43.9	40.6	- 47.2	No Data	-		45.4	42.3	- 48.5	44.6	41.3	- 48.0	49.9%**
Henry County	42.6	39.8	- 45.4	44.7	42.0	- 47.5	46.4	43.4	- 49.4	44.1	40.6	- 47.5	41.6	38.3	- 45.0	68.7%
Hickman County	43.0	40.2	- 45.8	45.6	42.7	- 48.4	48.2	45.3	- 51.2	43.8	40.8	- 46.8	50.5	47.4	- 53.6	73.0%
Hollow Rock-Bruceton	45.9	39.2	- 52.7	33.3	22.0	- 44.7	42.6	34.1	- 51.2	41.1	32.5	- 49.8	No Data	-		0.0%
Houston County	32.8	29.0	- 36.7	35.5	31.2	- 39.7	44.4	37.7	- 51.2	42.5	37.8	- 47.3	No Data	-		0.0%
Humboldt City	50.9	46.3	- 55.5	53.1	48.3	- 57.9	53.2	48.3	- 58.0	51.0	45.7	- 56.4	59.7	47.3	- 71.0	13.3%**
Humphreys County	39.5	36.7	- 42.3	42.0	38.9	- 45.2	No Data	-		No Data	-		39.7	35.4	- 44.2	39.4%**
Huntingdon SSD	41.5	37.4	- 45.7	50.3	46.1	- 54.5	43.6	39.3	- 47.9	39.4	35.3	- 43.5	34.3	29.6	- 39.4	59.6%
Jackson County	38.4	33.4	- 43.5	54.5	48.4	- 60.6	No Data	-		37.6	29.4	- 45.8	35.5	31.5	- 39.7	79.3%
Jefferson County	41.8	39.2	- 44.3	39.0	36.5	- 41.6	43.7	41.0	- 46.3	44.8	42.3	- 47.3	43.8	41.3	- 46.3	47.5%**
Johnson City	36.3	34.5	- 38.1	36.5	34.8	- 38.3	40.1	38.3	- 41.8	38.6	36.7	- 40.4	No Data	-		0.0%
Johnson County	41.4	37.7	- 45.1	39.9	36.4	- 43.4	42.0	38.4	- 45.7	38.0	34.5	- 41.6	No Data	-		***
Kingsport City	33.7	31.8	- 35.6	34.4	32.0	- 36.7	No Data	-		No Data	-		No Data	-		0.0%
Knox County	37.6	36.8	- 38.3	34.3	33.5	- 35.1	No Data	-		36.3	35.6	- 37.0	No Data	-		0.0%
Lake County	50.3	42.9	- 57.6	49.5	43.8	- 55.2	53.9	48.3	- 59.5	51.0	45.7	- 56.3	50.0	43.6	- 56.4	76.0%
Lakeland	22.4	19.3	- 25.4	29.5	25.6	- 33.4	29.3	26.0	- 32.6	26.1	23.2	- 28.9	30.2	26.6	- 34.0	45.4%**
Lauderdale County	47.9	45.1	- 50.6	45.4	42.7	- 48.1	No Data	-		49.7	46.8	- 52.6	46.7	43.5	- 50.0	63.4%
Lawrence County	42.1	40.1	- 44.1	43.0	41.0	- 45.1	42.7	40.6	- 44.8	40.7	38.8	- 42.6	35.8	32.8	- 38.9	29.8%**
Lebanon SSD	43.9	41.3	- 46.6	43.3	40.8	- 45.8	No Data	-		40.8	37.9	- 43.7	39.7	36.9	- 42.7	45.7%**
Lenoir City	48.2	43.2	- 53.2	49.0	44.9	- 53.0	46.8	42.4	- 51.1	44.3	39.9	- 48.6	45.5	40.4	- 50.7	35.1%**
Lewis County	51.0	47.2	- 54.7	48.4	44.2	- 52.6	No Data	-		45.1	41.0	- 49.3	46.7	42.5	- 51.0	39.7%**
Lexington City	42.9	38.2	- 47.6	44.8	40.2	- 49.4	52.5	47.9	- 57.1	48.4	43.7	- 53.2	No Data	-		***
Lincoln County	40.4	37.8	- 43.1	40.2	37.5	- 43.0	42.3	39.7	- 44.9	37.1	34.5	- 39.7	39.1	36.2	- 42.0	62.5%
Loudon County	42.6	40.4	- 44.8	40.7	38.5	- 42.9	43.0	40.9	- 45.1	39.9	37.8	- 41.9	40.4	38.2	- 42.6	80.9%
Macon County	45.5	43.0	- 48.0	44.5	42.2	- 46.9	34.4	28.0	- 40.9	40.2	37.8	- 42.5	44.3	41.3	- 47.4	52.8%
Madison County	42.5	41.2	- 43.9	40.8	39.4	- 42.2	48.6	44.5	- 52.7	45.0	43.5	- 46.4	42.3	40.8	- 43.8	75.3%
Manchester City	37.5	32.6	- 42.4	39.5	34.8	- 44.2	49.7	44.5	- 55.0	35.5	31.0	- 40.0	42.0	36.9	- 47.2	43.1%**
Marion County	42.3	39.7	- 45.0	39.8	37.1	- 42.5	36.0	33.2	- 38.8	34.9	32.2	- 37.5	39.4	36.3	- 42.6	51.9%
Marshall County	41.2	39.2	- 43.3	43.1	41.0	- 45.3	39.0	36.7	- 41.2	38.8	36.6	- 41.0	42.2	39.8	- 44.5	67.4%
Maryville City	33.7	31.7	- 35.6	33.0	31.1	- 34.9	34.9	33.0	- 36.8	37.1	34.8	- 39.5	32.9	30.9	- 35.0	76.6%
Maury County	38.0	36.8	- 39.2	39.6	38.2	- 41.0	41.2	39.8	- 42.6	38.7	37.4	- 40.0	38.5	37.0	- 40.0	66.4%
McKenzie SSD	50.8	46.4	- 55.2	37.1	32.7	- 41.4	40.2	36.0	- 44.4	43.1	38.9	- 47.2	38.1	33.7	- 42.8	77.0%
McMinn County	43.1	40.8	- 45.3	45.1	42.9	- 47.4	41.5	38.9	- 44.1	41.5	39.2	- 43.8	39.3	36.2	- 42.4	46.0%**
McNairy County	43.6	41.3	- 45.9	43.3	40.9	- 45.7	No Data	-		41.1	38.6	- 43.6	41.4	38.7	- 44.2	72.6%
Meigs County	44.7	41.0	- 48.4	42.7	38.8	- 46.7	46.6	42.8	- 50.3	45.5	41.7	- 49.3	39.4	35.7	- 43.4	78.8%
Memphis-Shelby	No Data			No Data			No Data			No Data			43.3	42.4	- 44.2	24.7%**
Metro Nashville	No Data			No Data			No Data			No Data			36.5	35.7	- 37.4	34.4%**
Milan SSD	43.2	39.9	- 46.6	42.8	39.5	- 46.2	46.4	42.9	- 49.8	41.9	38.4	- 45.3	50.1	45.2	- 55.0	43.8%
Millington	44.0	40.7	- 47.3	42.7	37.3	- 48.2	41.0	35.1	- 46.9	45.1	41.2	- 49.0	48.4	42.3	- 54.6	22.4%**
Monroe County	45.2	43.0	- 47.4	39.4	37.2	- 41.6	No Data	-		50.1	47.8	- 52.4	48.7	46.1	- 51.3	65.7%
Montgomery County	34.0	33.2	- 34.9	29.8	28.9	- 30.7	37.4	36.5	- 38.4	38.4	36.6	- 40.1	37.4	35.6	- 39.3	14.1%**
Moore County	39.4	34.3	- 44.5	40.1	33.5	- 46.7	23.9	19.8	- 28.0	28.8	24.0	- 33.6	18.8	13.9	- 25.0	46.4%**
Morgan County	40.4	37.6	- 43.3	38.0	34.7	- 41.3	43.3	40.1	- 46.5	41.7	38.8	- 44.6	39.5	36.2	- 42.9	66.8%
Murfreesboro City	35.8	34.2	- 37.3	37.1	35.5	- 38.6	43.1	41.4	- 44.7	38.4	36.8	- 39.9	38.3	36.8	- 39.9	81.3%
Newport City	48.8	43.7	- 53.9	46.2	40.9	- 51.6	No Data	-		42.9	37.7	- 48.1	No Data	-		0.0%
Oak Ridge City	30.9	27.7	- 34.2	36.5	34.2	- 38.7	36.7	34.4	- 38.9	33.6	31.4	- 35.7	35.9	33.5	- 38.3	67.9%
Obion County	45.3	42.7	- 47.9	46.2	43.4	- 48.9	46.1	43.2	- 48.9	43.6	40.8	- 46.3	41.6	38.0	- 45.3	54.3%
Oneida SSD	43.5	39.2	- 47.8	42.1	37.9	- 46.2	42.5	38.6	- 46.5	38.5	34.0	- 42.9	33.5	26.8	- 41.1	24.9%**
Overton County	41.7	38.5	- 44.9	45.0	41.8	- 48.3	39.0	35.6	- 42.3	31.0	25.1	- 36.8	39.9	36.4	- 43.5	53.5%
Paris SSD	41.6	37.8	- 45.4	39.9	36.3	- 43.4	No Data	-		43.6	39.8	- 47.3	No Data	-		0.0%

^Please note: a report was not generated for the 2020-21 school year due to low screening numbers as a result of the COVID-19 pandemic

*Overweight/obese was defined as body mass index (BMI) greater than or equal to the 85th percentile for children of the same age and sex.

No data indicates data was not submitted for the school year.

Data source: Body Mass Index Data, 2018-19 to 2023-24, Tennessee Department of Education, Nashville Tennessee

** Results for districts with less than a 50% response rate should be interpreted with caution.

***Data provided was biologically implausible, indicating an error in data collection.

9 districts are missing data due to the COVID-19 pandemic.

Table 3. Prevalence of Overweight or Obese* Assessed Students in Tennessee Public Schools, by School District, 2018-19, 2019-20, 2021-22 and 2022-23^ School Years

District	2018-19			2019-20			2021-22			2022-23			2023-24			Percent of Population Assessed 2023-24
	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		Percent overweight or obese	95% confidence interval		
Perry County	37.6	29.8	- 45.4	35.5	29.7	- 41.2	36.7	31.6	- 41.9	38.5	32.8	- 44.2	30.4	22.8	39.4	25.8%**
Pickett County	44.2	38.5	- 49.9	No Data	-	-	55.5	49.0	- 62.0	47.5	41.0	- 54.1	No Data	-	-	0.0%
Polk County	37.6	34.3	- 41.0	41.9	38.3	- 45.5	37.5	33.8	- 41.2	35.9	32.2	- 39.5	35.3	31.4	- 39.5	58.3%
Putnam County	39.6	37.9	- 41.3	38.9	37.2	- 40.6	42.7	40.0	- 45.4	No Data	-	-	37.6	35.7	- 39.5	48.0%**
Rhea County	45.6	43.1	- 48.1	46.4	43.9	- 48.8	48.1	45.5	- 50.6	46.2	43.7	- 48.7	44.6	41.7	- 47.6	65.0%
Richard City	50.5	40.5	- 60.6	No Data	-	-	49.4	38.2	- 60.5	39.1	27.6	- 50.6	33.8	24.2	- 44.9	84.6%
Roane County	41.0	38.5	- 43.4	41.3	39.4	- 43.3	42.3	40.4	- 44.2	42.7	40.7	- 44.6	40.3	38.4	- 42.3	87.4%
Robertson County	44.0	42.1	- 45.9	44.2	42.1	- 46.2	45.2	43.4	- 46.9	No Data	-	-	41.9	39.9	- 44.0	42.3%**
Rogersville City	41.5	35.6	- 47.4	38.7	32.3	- 45.1	No Data	-	-	No Data	-	-	33.3	21.7	- 47.5	14.2%**
Rutherford County	35.9	35.1	- 36.7	38.3	37.5	- 39.2	42.6	41.7	- 43.6	41.7	40.8	- 42.6	38.9	38.0	- 39.8	53.3%
Scott County	47.2	44.2	- 50.3	46.2	43.2	- 49.2	No Data	-	-	46.4	43.0	- 49.8	44.5	40.7	- 48.3	58.3%
Sequatchie County	44.2	40.9	- 47.6	54.1	49.9	- 58.3	41.0	37.4	- 44.6	39.6	35.3	- 44.0	31.2	25.4	- 37.6	24.9%**
Sevier County	36.6	35.2	- 37.9	38.2	36.9	- 39.5	41.7	40.3	- 43.1	39.4	38.0	- 40.7	42.1	40.6	- 43.6	62.3%
Shelby County	45.1	44.4	- 45.7	42.7	42.1	- 43.4	51.4	50.8	- 52.0	44.6	44.1	- 45.1	28.7	26.7	- 30.8	3.9%**
Smith County	42.4	39.5	- 45.3	45.0	42.3	- 47.8	48.7	45.6	- 51.7	43.9	40.9	- 46.9	43.8	40.6	- 47.0	68.5%
South Carroll Co SSD	48.1	40.2	- 55.9	51.1	42.8	- 59.4	51.6	42.9	- 60.2	45.5	37.6	- 53.3	45.1	36.3	- 54.3	89.7%
Stewart County	40.6	37.1	- 44.1	40.7	37.4	- 43.9	40.8	37.4	- 44.1	39.1	35.5	- 42.8	33.2	28.4	- 38.5	37.3%**
Sullivan County	41.8	40.1	- 43.5	44.6	42.9	- 46.3	No Data	-	-	40.2	38.4	- 42.0	No Data	-	-	0.0%
Sumner County	35.8	35.0	- 36.7	36.7	35.8	- 37.6	35.7	34.8	- 36.6	34.9	34.0	- 35.8	No Data	-	-	0.0%
Sweetwater City	42.8	38.8	- 46.7	44.3	39.2	- 49.4	48.2	44.5	- 51.9	43.6	39.9	- 47.3	No Data	-	-	0.0%
Tipton County	37.9	36.2	- 39.5	37.4	35.7	- 39.1	37.4	35.4	- 39.3	34.5	32.6	- 36.4	35.6	33.7	- 37.6	53.4%
Trenton SSD	45.5	41.3	- 49.7	44.5	40.4	- 48.7	48.2	44.1	- 52.3	47.4	43.3	- 51.5	39.8	35.5	- 44.4	77.3%
Trousdale County	43.4	39.3	- 47.5	42.9	39.0	- 46.8	41.0	37.2	- 44.8	40.8	36.9	- 44.7	39.5	35.4	- 43.8	80.6%
Tullahoma City	39.8	37.2	- 42.4	42.7	40.2	- 45.3	44.8	42.0	- 47.5	42.9	40.2	- 45.5	39.7	36.9	- 42.6	69.4%
Unicoi County	44.5	41.1	- 47.9	45.4	41.4	- 49.4	42.7	39.0	- 46.4	No Data	-	-	43.8	39.5	- 48.2	56.4%
Union City	40.8	37.2	- 44.5	46.5	42.6	- 50.5	45.3	41.2	- 49.4	43.5	39.7	- 47.3	No Data	-	-	0.0%
Union County	40.9	37.4	- 44.3	42.9	39.2	- 46.6	No Data	-	-	37.7	33.9	- 41.4	No Data	-	-	0.0%
Van Buren County	38.7	32.9	- 44.5	43.1	37.1	- 49.0	42.6	36.7	- 48.5	41.5	36.0	- 47.1	39.9	33.8	- 46.4	74.0%
Warren County	44.7	42.8	- 46.6	43.0	41.1	- 44.9	46.1	44.1	- 48.1	42.5	40.6	- 44.5	43.4	41.2	- 45.6	68.5%
Washington County	37.6	35.4	- 39.7	34.5	32.4	- 36.5	38.5	36.3	- 40.8	34.2	32.0	- 36.4	No Data	-	-	0.0%
Wayne County	37.5	33.8	- 41.1	46.4	43.0	- 49.8	No Data	-	-	42.4	38.5	- 46.3	44.3	40.1	- 48.7	55.3%
Weakley County	45.1	42.8	- 47.5	52.6	45.2	- 60.0	44.1	41.7	- 46.5	42.0	39.5	- 44.4	39.0	32.3	- 46.2	10.3%**
West Carroll Co SSD	50.0	44.9	- 55.1	50.9	45.9	- 56.0	48.7	43.2	- 54.2	52.2	47.1	- 57.4	42.9	36.8	- 49.1	76.3%
White County	46.7	44.1	- 49.4	45.7	42.9	- 48.6	39.8	35.6	- 44.0	38.6	34.8	- 42.3	39.5	36.3	- 42.7	50.9%
Williamson County	22.0	20.6	- 23.3	24.0	22.3	- 25.7	No Data	-	-	21.3	19.6	- 23.0	No Data	-	-	0.0%
Wilson County	35.1	34.0	- 36.2	35.7	34.6	- 36.8	37.1	35.9	- 38.3	35.7	34.5	- 36.8	No Data	-	-	0.0%

^Please note: a report was not generated for the 2020-21 school year due to low screening numbers as a result of the COVID-19 pandemic

*Overweight/obese was defined as body mass index (BMI) greater than or equal to the 85th percentile for children of the same age and sex.

No data indicates data was not submitted for the school year.

Data source: Body Mass Index Data, 2018-19 to 2023-24, Tennessee Department of Education, Nashville Tennessee

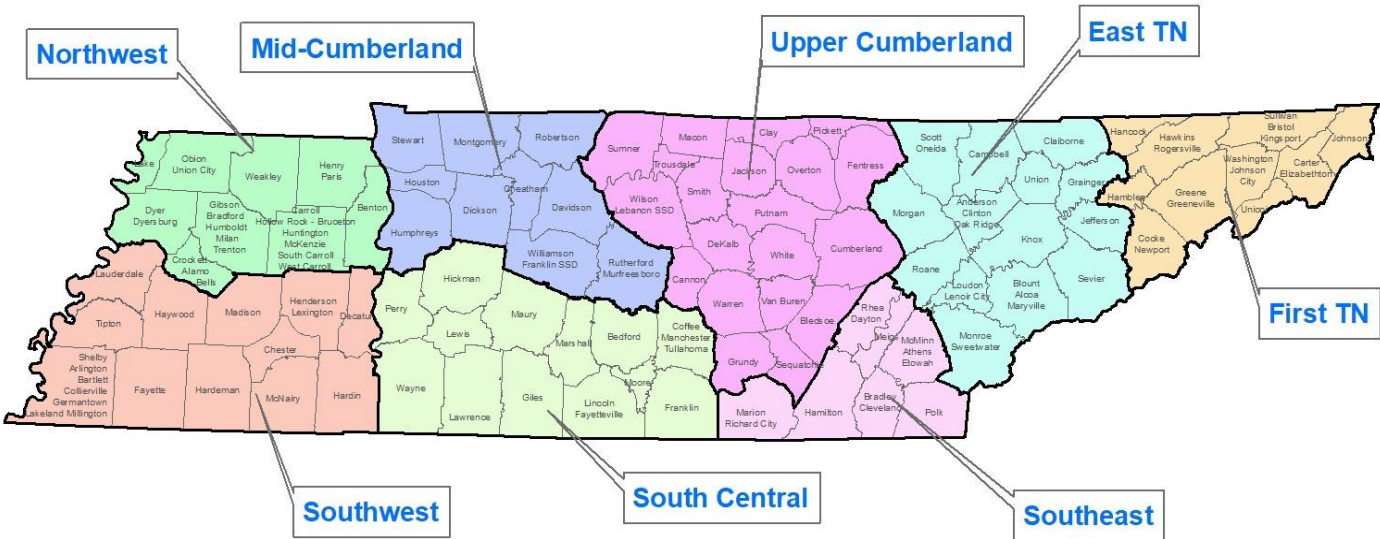
** Results for districts with less than a 50% response rate should be interpreted with caution.

***Data provided was biologically implausible, indicating an error in data collection.

9 districts are missing data due to the COVID-19 pandemic.

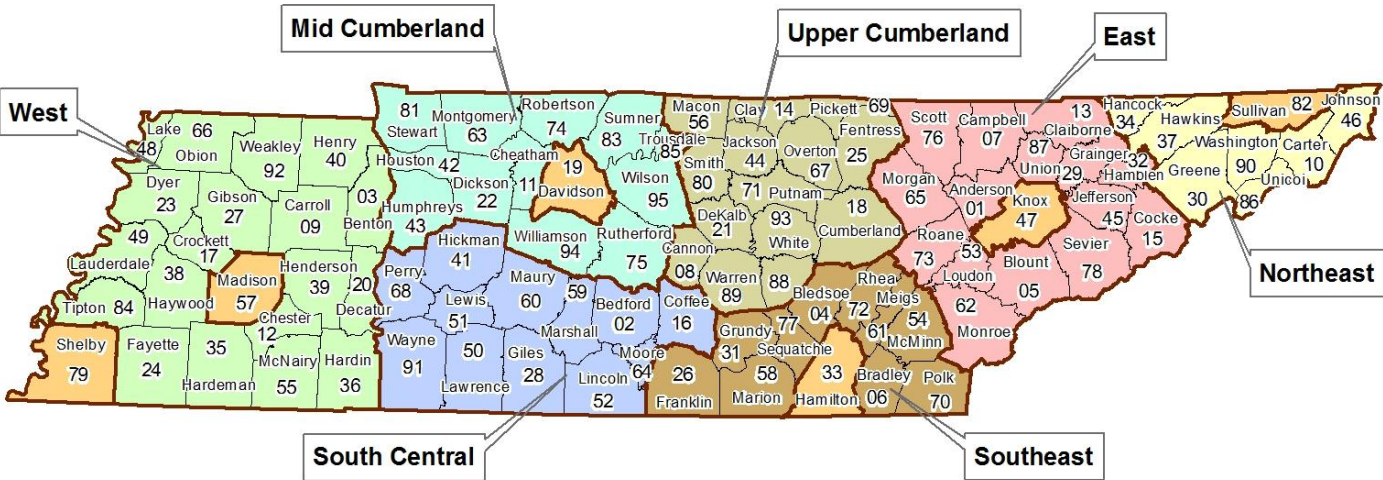
Appendix A

Tennessee's CORE Regions



Appendix B

Tennessee Counties and Health Department Regions



West				Mid-Cumberland		South Central		Metros		Southeast		Upper Cumberland		East		Northeast			
																			
03	Benton	38	Haywood	11	Cheatham	02	Bedford	19	Davidson	04	Bledsoe	08	Cannon	01	Anderson	10	Carter		
09	Carroll	39	Henderson	22	Dickson	16	Coffee	33	Hamilton	06	Bradley	14	Clay	05	Blount	30	Greene		
12	Chester	40	Henry	42	Houston	28	Giles	47	Knox	26	Franklin	18	Cumberland	07	Campbell	34	Hancock		
17	Crockett	48	Lake	43	Humphreys	41	Hickman	57	Madison	31	Grundy	21	DeKalb	13	Claiborne	37	Hawkins		
20	Decatur	49	Lauderdale	63	Montgomery	50	Lawrence	79	Shelby	54	McMinn	25	Fentress	15	Cocke	46	Johnson		
23	Dyer	55	McNairy	74	Robertson	51	Lewis	82	Sullivan	58	Marion	44	Jackson	29	Grainger	86	Unicoi		
24	Fayette	66	Obion	75	Rutherford	52	Lincoln			61	Meigs	56	Macon	32	Hamblen	90	Washington		
27	Gibson	84	Tipton	81	Stewart	59	Marshall			70	Polk	67	Overton	45	Jefferson				
35	Hardeman	92	Weakley	83	Sumner	60	Maury			72	Rhea	69	Pickett	53	Loudon				
36	Hardin			85	Trousdale	64	Moore			77	Sequatchie	71	Putnam	62	Monroe				
				94	Williamson	68	Perry					80	Smith	65	Morgan				
				95	Wilson	91	Wayne					88	Van Buren	73	Roane				
												89	Warren	76	Scott				
												93	White	78	Sevier				
														87	Union				