

## **A Summary of Weight Status Data Tennessee Public Schools, 2012-2013 School Year**

### **Key findings:**

- This summary presents weight status results based on records from 327,487 students enrolled in Tennessee public schools during the 2012-2013 school year in selected grades (kindergarten, 2nd, 4th, 6th, and 8th grades, and high school). All differences included in key findings were statistically significant based on comparisons of 95% confidence intervals.
- Overall, 2.8% of students were underweight, 17.1% were overweight, and 21.5% were obese.
- Almost four out of every ten students (38.5%) were either overweight or obese.
- In rural schools, boys had a higher rate of overweight and obesity (40.5%) than girls (38.9%). In metropolitan schools, boys had a lower rate of overweight and obesity (35.3%) than girls (36.9%).
- Students in rural schools had higher rates of overweight and obesity (39.7%) than those in metropolitan schools (36.1%) for all grades combined and for each of the individual grades.
- The overweight and obesity rate increased with increasing grade and peaked at 6th grade, after which the rate dropped slightly.
- Girls had a lower overweight and obesity rate than boys among 4th and 6th graders.
- The overweight and obesity rate decreased from the 2007-2008 school year to the 2012-2013 school year for all grades except 8th grade.
- The overweight and obesity rate varied by county, ranging from 23.0% in Williamson to 51.9% in Hancock for the 2012-2013 school year.
- The five counties with the highest overweight and obesity rate in the 2012-2013 school year were Hancock (51.9%), Fentress (51.5%), Wayne (50.0%), Trousdale (48.6%) and Claiborne (48.3%).
- The five counties with the lowest overweight and obesity rate in the 2012-2013 school year were Williamson (23.0%), Knox (32.9%), Montgomery (33.4%), Cheatham (35.3%), and Hamilton (35.4%).
- Among the 87 counties with data for both the 2007-2008 and 2012-2013 school years, five counties (Bedford, Carroll, Claiborne, Henderson and Warren) had a higher overweight and obesity rate in 2012-2013 than in 2007-2008, while 13 counties (Davidson, Dyer, Hardin, Knox, Putnam, Robertson, Rutherford, Sevier, Sumner, Tipton, Washington, Williamson and Wilson) had a lower overweight and obesity rate in 2012-2013 than in 2007-2008. All other counties did not have statistically significant changes.
- Statewide, the overweight and obesity rate increased among kindergarteners and decreased among 8th grade boys from the 2011-2012 school year to the 2012-2013 school year.
- By county, the rate increased in Bedford and Shelby and decreased in Madison and Moore from the 2011-2012 school year to the 2012-2013 school year.

**Technical Notes:**

Data source: The Office of Coordinated School Health, Tennessee Department of Education provided weight and height measurement data for individual students. Data analyses were conducted by the Tennessee Department of Health; Division of Policy, Planning and Assessment.

2012-2013 school year data were from 129 school districts in 93 counties. The two counties without any data were Campbell and Houston.

Among all the records received for the 2012-2013 school year, 361,817 had sufficient data for weight status determination, i.e. had valid information on age, gender, height and weight. After excluding records with extreme BMI values and restricting records for students in Kindergarten, 2nd, 4th, 6th, and 8th grades, and high school, a total of 327,487 records were included in the analysis. We use the term "all grades" to denote above selected grades combined for convenience.

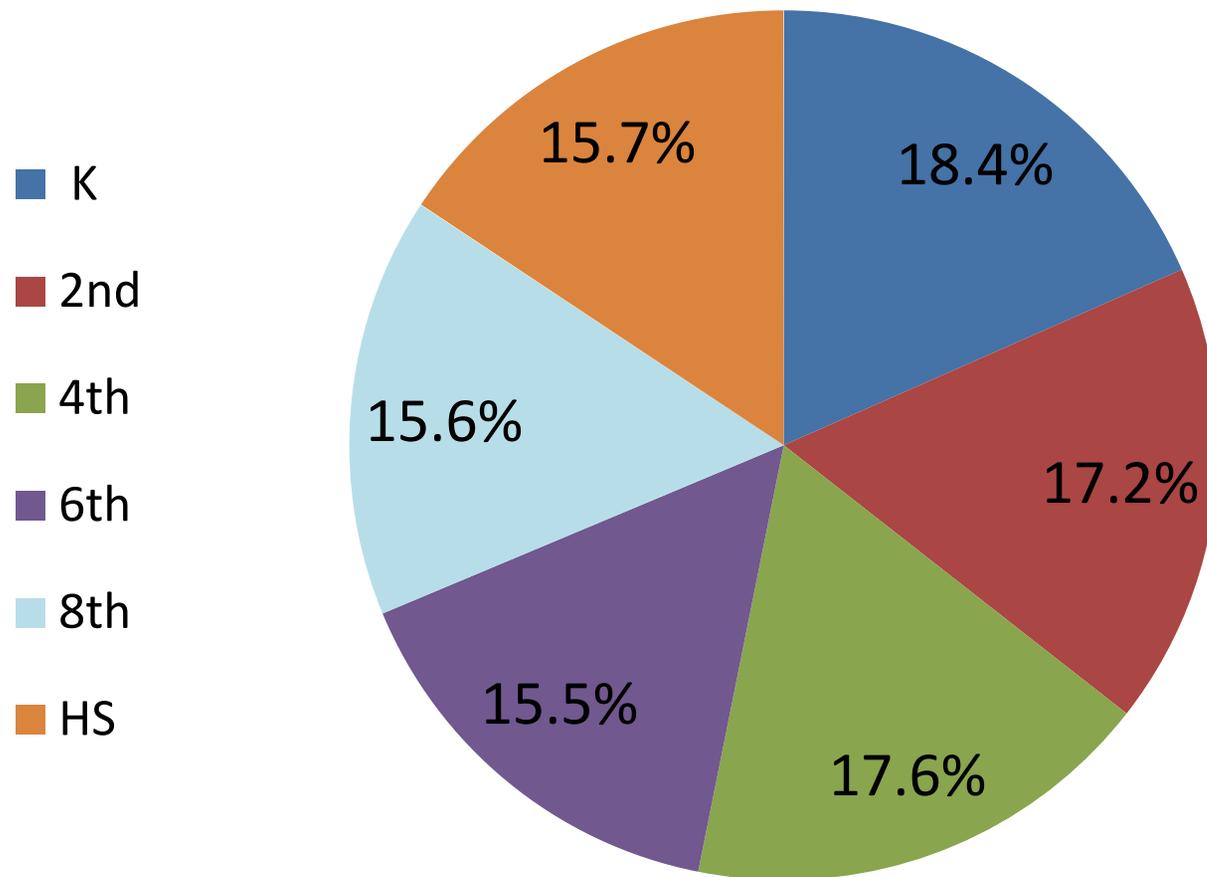
Overweight/obese was defined as body mass index (BMI) greater than or equal to the 85th percentile for children of the same age and sex. Body mass index is calculated as the individual's body mass in kilograms divided by the square of their height in meters.

For metro versus rural comparisons, Davidson, Hamilton, Knox, Madison, Shelby, and Sullivan are considered metro counties while all other counties are considered rural.

95% confidence intervals (CI) calculated based on the normal approximation of the binomial distribution are provided for the prevalence of overweight and obesity and can be used to make statistical inferences between groups or time periods, such as girls vs. boys, or metro vs. rural. The prevalence is considered to be statistically significantly different if the 95% CIs for the two groups being compared do not overlap.

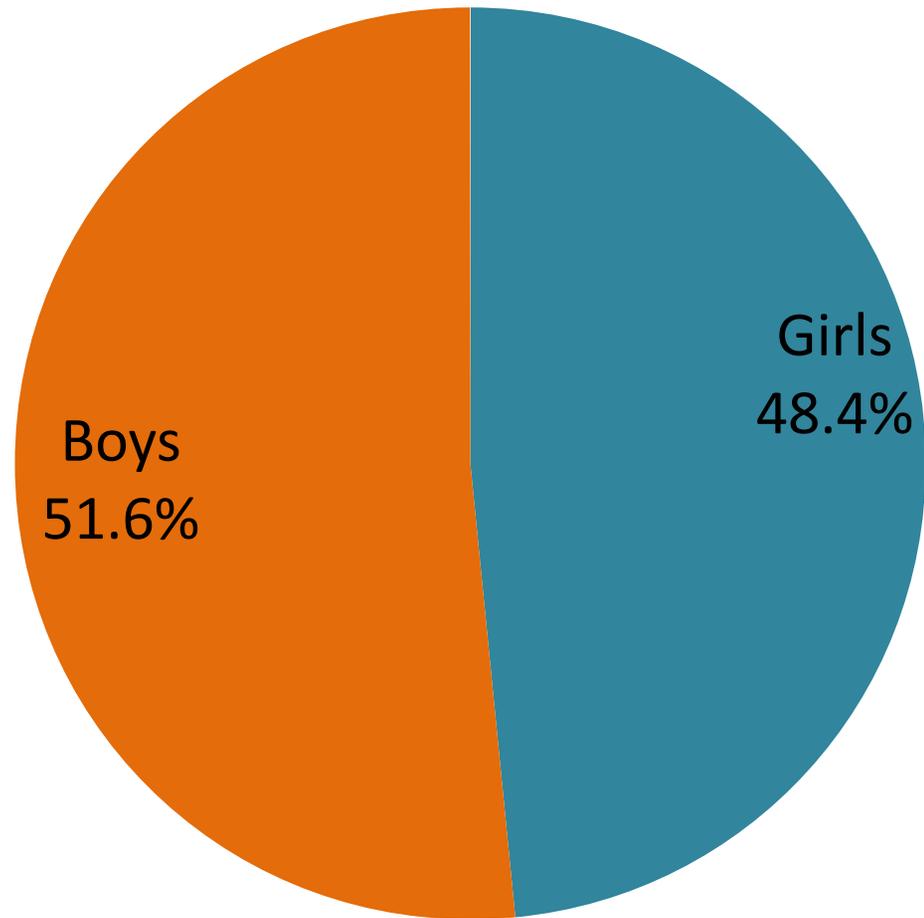
***The mission of the Department of Health is to protect, promote and improve the health and prosperity of people in Tennessee.***

## Distribution of Students by Selected Grade Tennessee Public Schools, 2012-2013



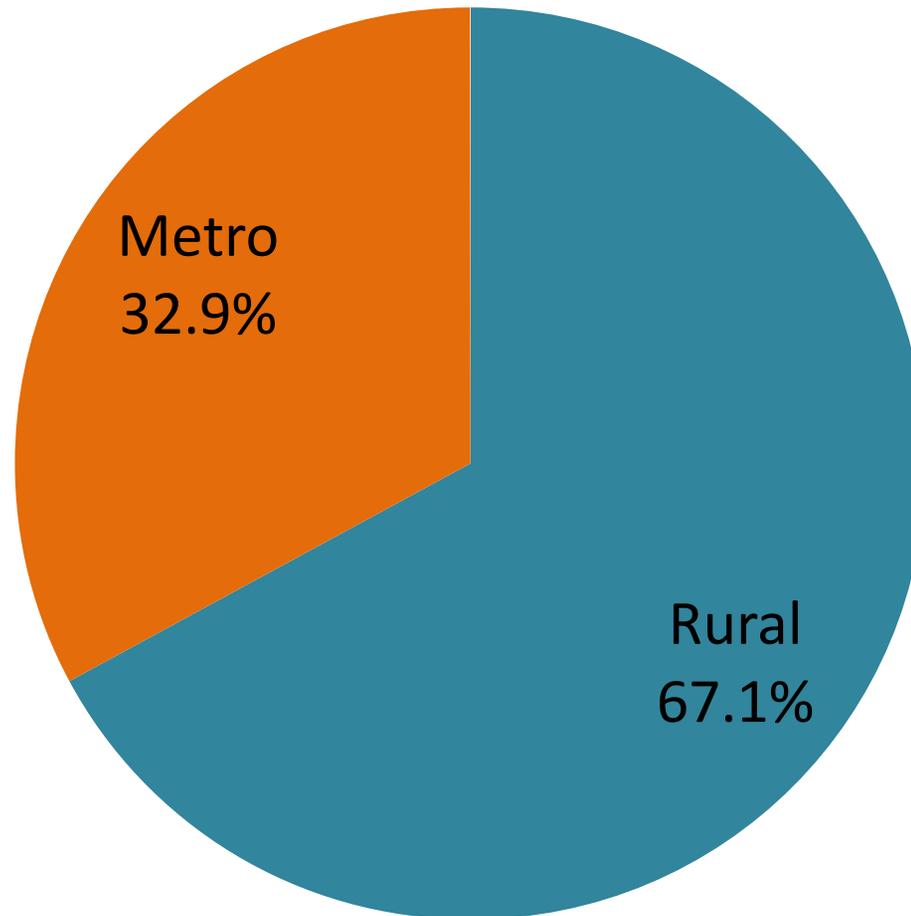
Total number of students: 327,487

## Distribution of Students by Gender Tennessee Public Schools, 2012-2013



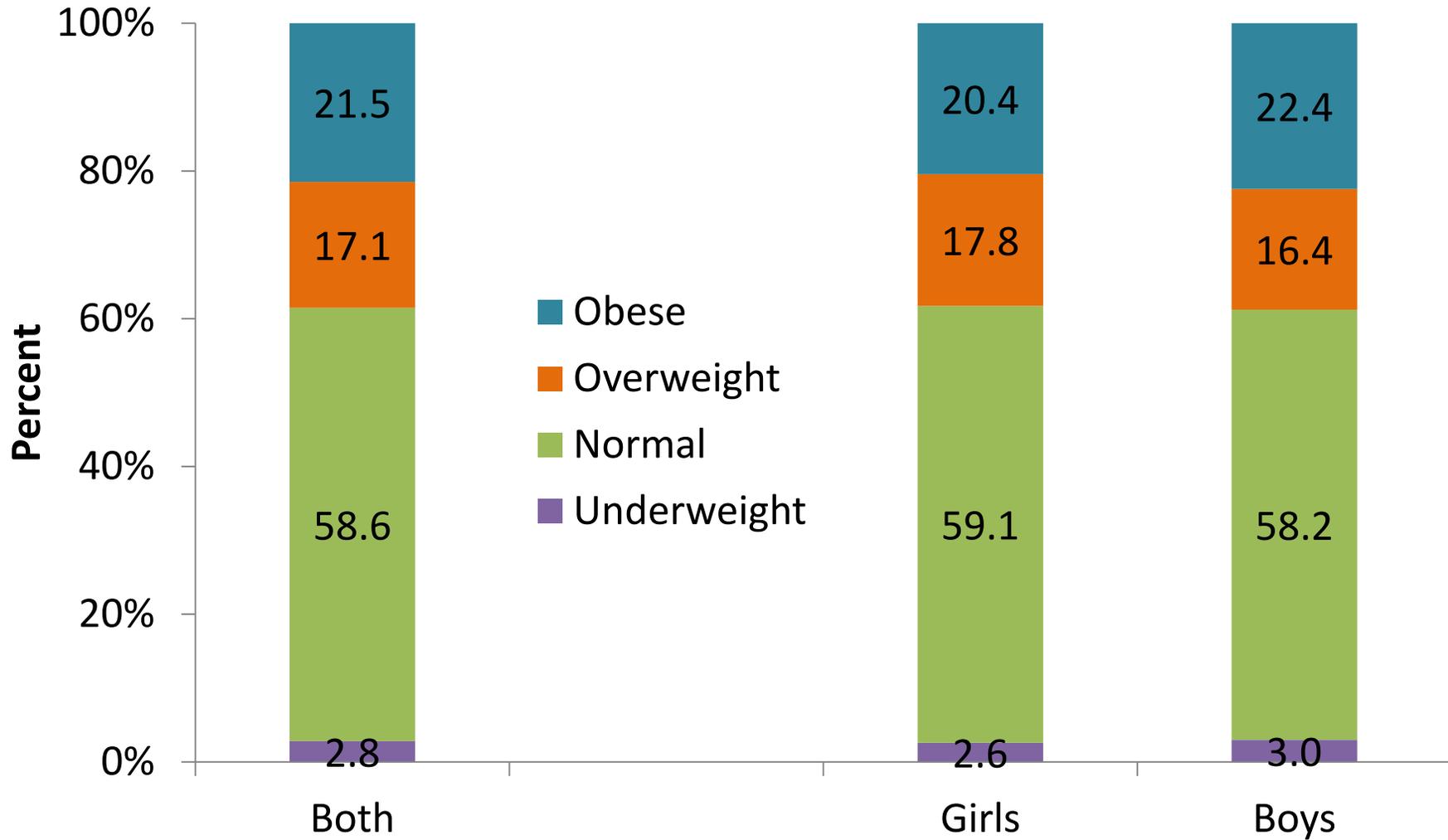
Total number of students: 327,487

## Distribution of Students by Rural/Metro Areas Tennessee Public Schools, 2012-2013

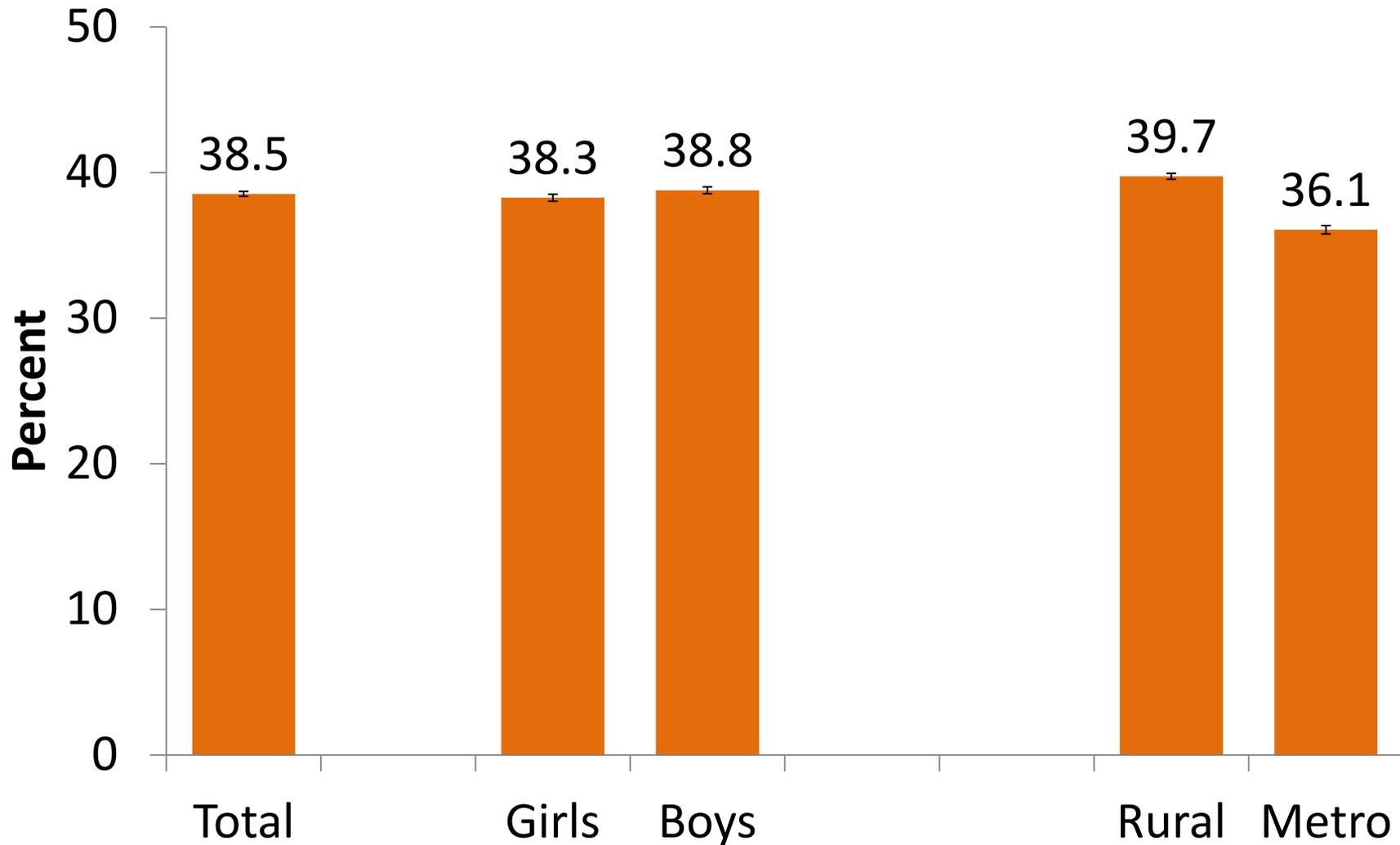


Total number of students: 327,487

# Body Weight Status by Gender Tennessee Public Schools, 2012-2013

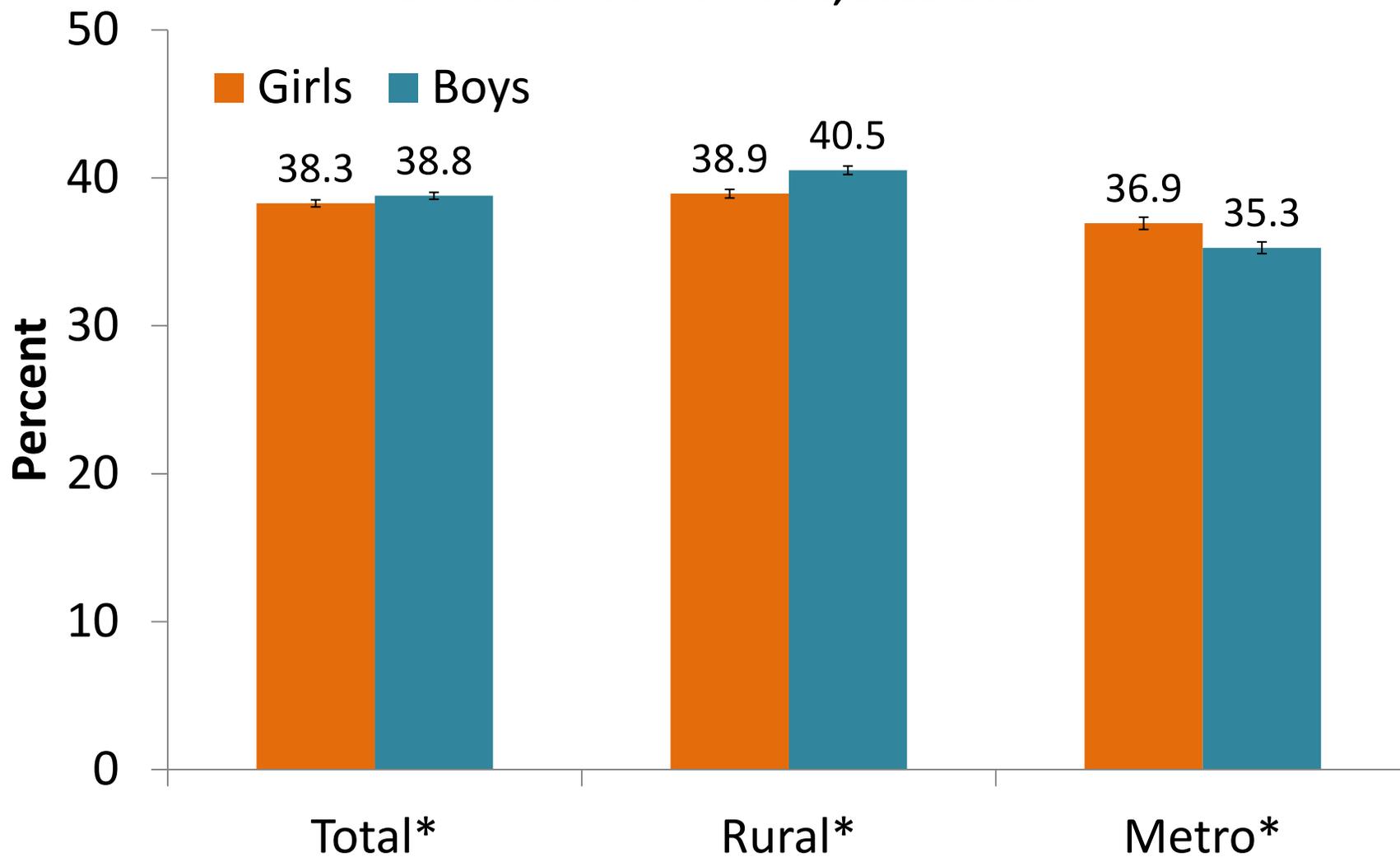


**Overweight and Obesity Prevalence  
By Gender or Metro/Rural Areas  
Tennessee Public Schools, 2012-2013\***



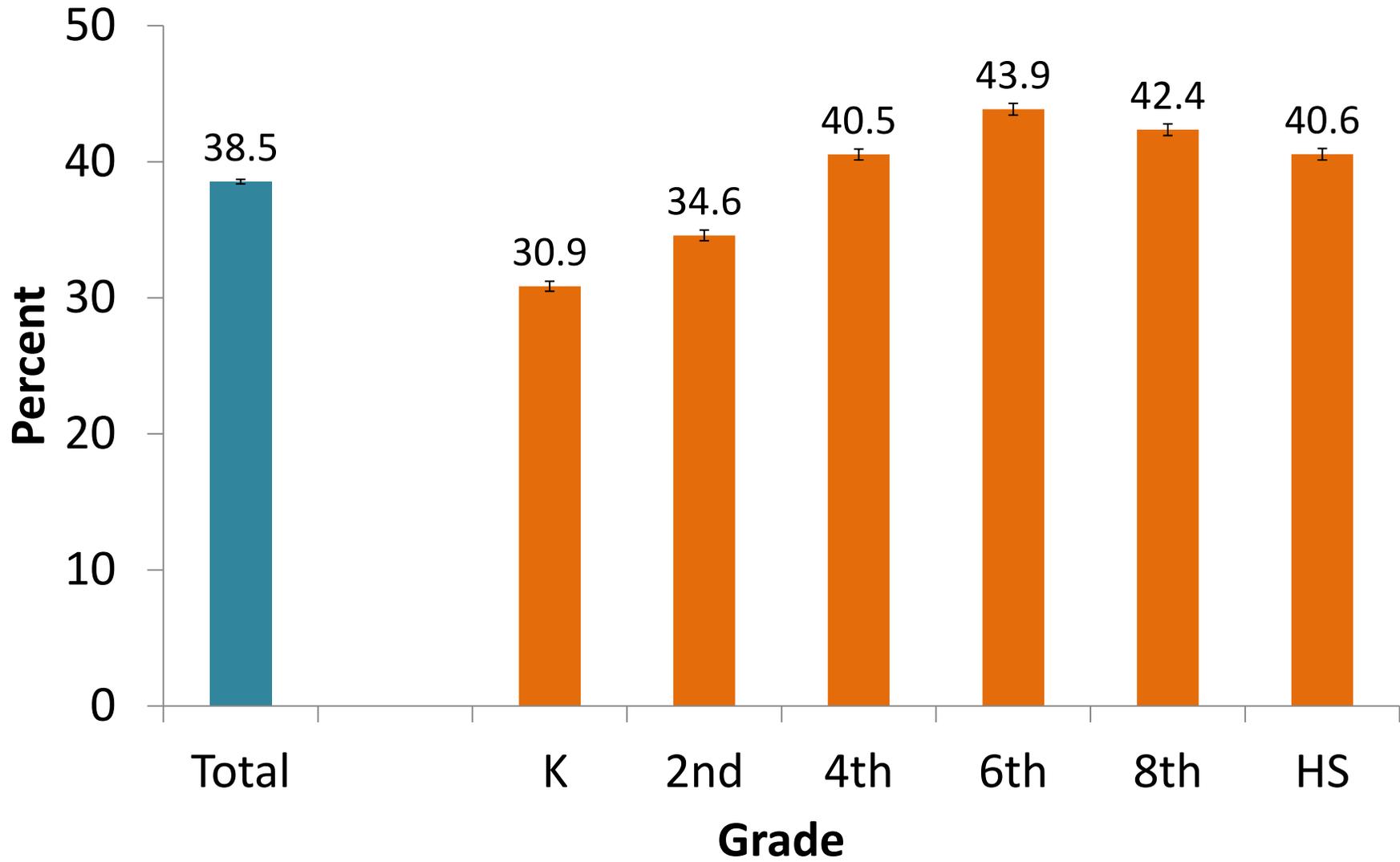
\*The differences in prevalence between boys and girls and between rural and metro areas were statistically significant.

# Overweight and Obesity Prevalence By Gender and Metro/Rural Areas Tennessee Public Schools, 2012-2013

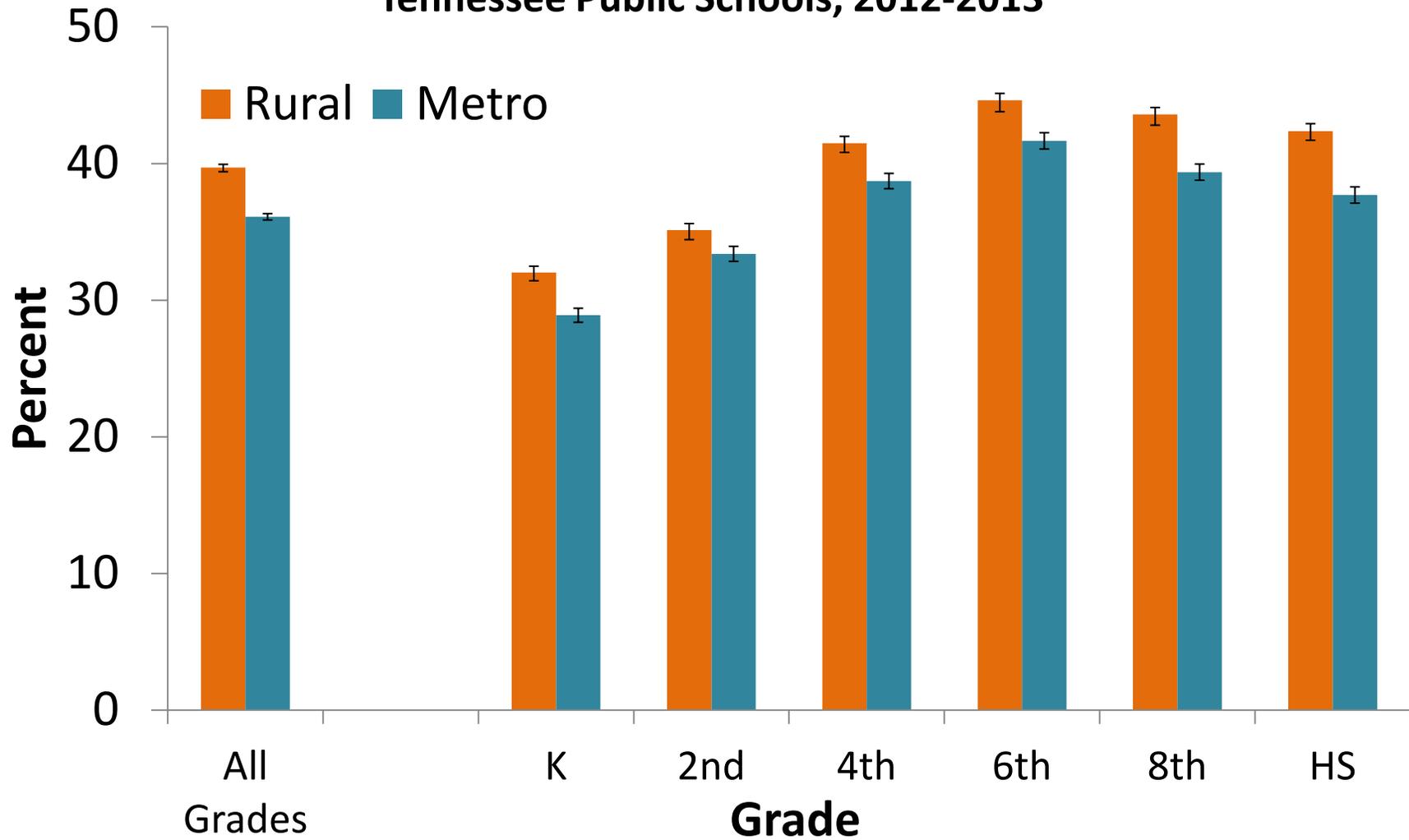


\*The difference in prevalence between boys and girls was statistically significant.

# Overweight and Obesity Prevalence by Grade Tennessee Public Schools, 2012-2013

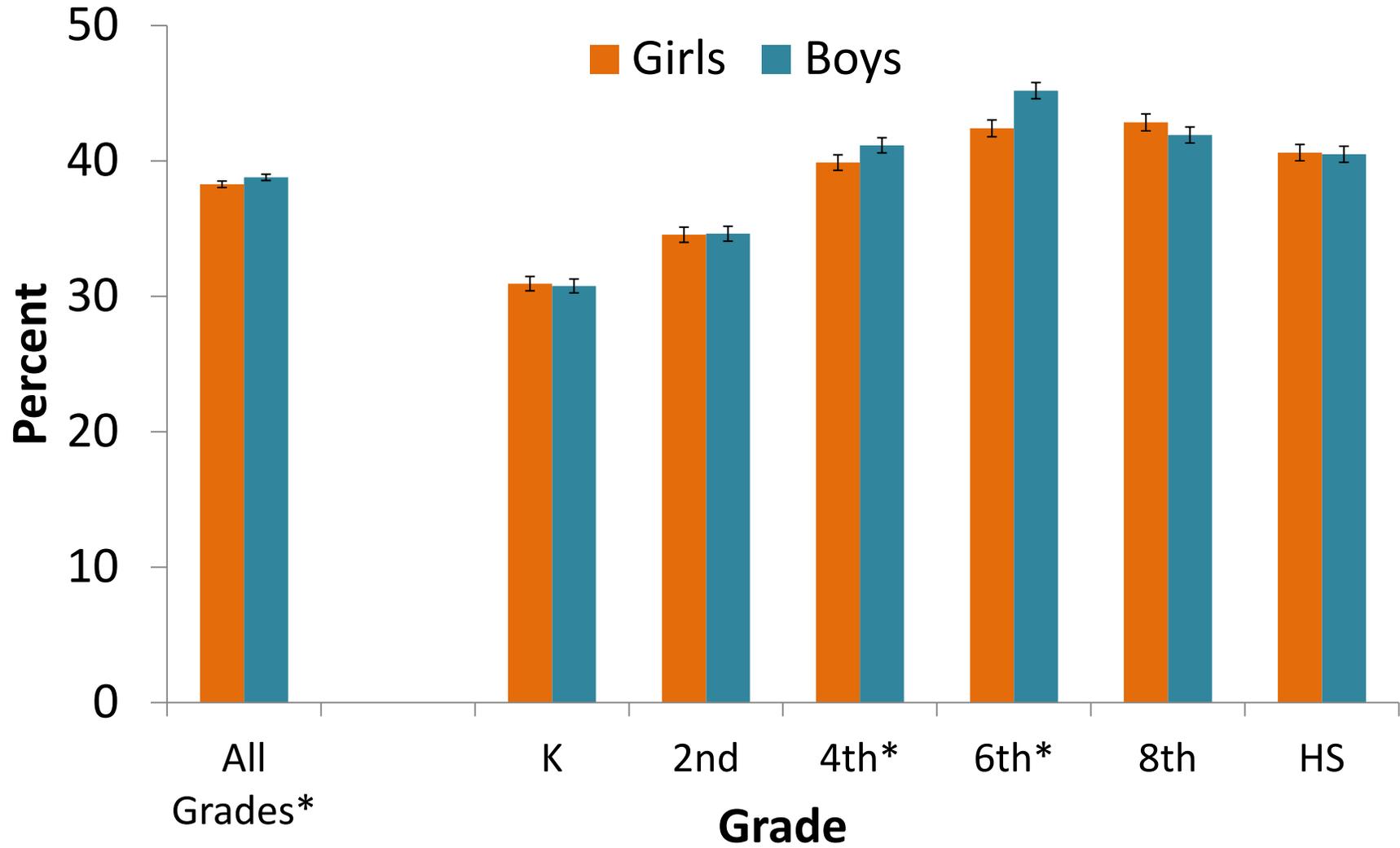


# Overweight and Obesity Prevalence By Grade and Metro/Rural Areas Tennessee Public Schools, 2012-2013\*



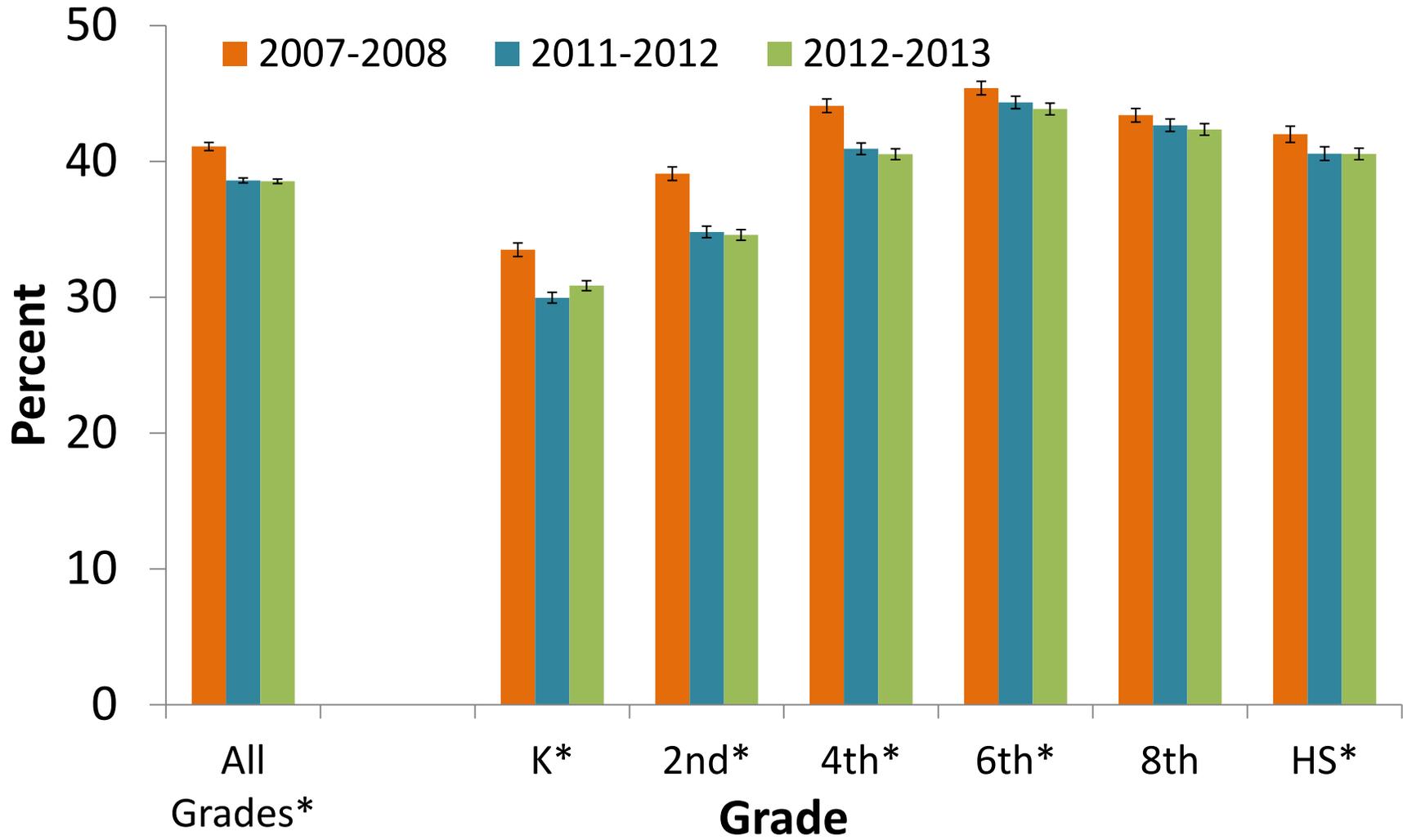
\*The difference in prevalence between rural and metro counties was statistically significant for each of the grade and for all grades combined.

# Overweight and Obesity Prevalence by Grade and Gender Tennessee Public Schools, 2012-2013



\*The difference in prevalence between boys and girls was statistically significant.

## Overweight and Obesity Prevalence by Grade and School Year Tennessee Public Schools



\*The difference in prevalence between 2007-2008 and 2012-2013 was statistically significant.

**Overweight and obesity\* prevalence among Tennessee public school students, 2012-2013 School Year.**

Grade/Areas	Gender	Number of overweight or obese students	Total number of students	Percent of overweight and obesity	95% confidence interval
<b>All Grades</b>	<b>Both</b>	<b>126,208</b>	<b>327,487</b>	<b>38.5</b>	<b>38.4 - 38.7</b>
	<b>Girls</b>	<b>60,708</b>	<b>158,616</b>	<b>38.3</b>	<b>38.0 - 38.5</b>
	<b>Boys</b>	<b>65,500</b>	<b>168,871</b>	<b>38.8</b>	<b>38.6 - 39.0</b>
K	Both	18,584	60,232	30.9	30.5 - 31.2
	Girls	9,014	29,133	30.9	30.4 - 31.5
	Boys	9,570	31,099	30.8	30.3 - 31.3
2nd	Both	19,440	56,200	34.6	34.2 - 35.0
	Girls	9,505	27,509	34.6	34.0 - 35.1
	Boys	9,935	28,691	34.6	34.1 - 35.2
4th	Both	23,361	57,635	40.5	40.1 - 40.9
	Girls	11,214	28,119	39.9	39.3 - 40.5
	Boys	12,147	29,516	41.2	40.6 - 41.7
6th	Both	22,320	50,888	43.9	43.4 - 44.3
	Girls	10,313	24,319	42.4	41.8 - 43.0
	Boys	12,007	26,569	45.2	44.6 - 45.8
8th	Both	21,661	51,138	42.4	41.9 - 42.8
	Girls	10,416	24,310	42.8	42.2 - 43.5
	Boys	11,245	26,828	41.9	41.3 - 42.5
High School	Both	20,842	51,394	40.6	40.1 - 41.0
	Girls	10,246	25,226	40.6	40.0 - 41.2
	Boys	10,596	26,168	40.5	39.9 - 41.1
Rural Counties**	Both	87,340	219,744	39.7	39.5 - 40.0
	Girls	41,468	106,514	38.9	38.6 - 39.2
	Boys	45,872	113,230	40.5	40.2 - 40.8
Metro Counties**	Both	38,868	107,743	36.1	35.8 - 36.4
	Girls	19,240	52,102	36.9	36.5 - 37.3
	Boys	19,628	55,641	35.3	34.9 - 35.7

\*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.

\*\*Davidson, Hamilton, Knox, Madison, Shelby, and Sullivan are metro counties and the rest are rural counties.

**Overweight and obesity\* prevalence among Tennessee public school students, by county, 2012-2013 School Year.**

County	Number of overweight or obese students	Total number of students	Percent of overweight and obesity	95% confidence interval
<b>Tennessee</b>	<b>126,208</b>	<b>327,487</b>	<b>38.5</b>	<b>38.4 - 38.7</b>
Anderson	1,990	5,022	39.6	38.3 - 41.0
Bedford	1,223	2,612	46.8	44.9 - 48.7
Benton	318	698	45.6	41.9 - 49.3
Bledsoe	240	548	43.8	39.6 - 47.9
Blount	2,874	7,763	37.0	35.9 - 38.1
Bradley	1,718	4,370	39.3	37.9 - 40.8
Cannon	281	789	35.6	32.3 - 39.0
Carroll	852	1,866	45.7	43.4 - 47.9
Carter	1,020	2,509	40.7	38.7 - 42.6
Cheatham	753	2,135	35.3	33.2 - 37.3
Chester	360	982	36.7	33.6 - 39.7
Claiborne	708	1,465	48.3	45.8 - 50.9
Clay	319	685	46.6	42.8 - 50.3
Cocke	860	1,893	45.4	43.2 - 47.7
Coffee	1,455	3,678	39.6	38.0 - 41.1
Crockett	536	1,396	38.4	35.8 - 40.9
Cumberland	1,295	3,095	41.8	40.1 - 43.6
Davidson	10,824	29,961	36.1	35.6 - 36.7
DeKalb	611	1,298	47.1	44.4 - 49.8
Decatur	313	708	44.2	40.6 - 47.9
Dickson	1,380	3,503	39.4	37.8 - 41.0
Dyer	1,067	2,762	38.6	36.8 - 40.4
Fayette	526	1,160	45.3	42.5 - 48.2
Fentress	622	1,208	51.5	48.7 - 54.3
Franklin	682	1,706	40.0	37.7 - 42.3
Gibson	1,534	3,579	42.9	41.2 - 44.5
Giles	679	1,541	44.1	41.6 - 46.5
Grainger	654	1,357	48.2	45.5 - 50.9
Greene	1,482	3,465	42.8	41.1 - 44.4
Grundy	354	867	40.8	37.6 - 44.1
Hamblen	1,903	4,224	45.1	43.6 - 46.6
Hamilton	3,291	9,284	35.4	34.5 - 36.4
Hancock	215	414	51.9	47.1 - 56.7
Hardeman	509	1,113	45.7	42.8 - 48.7
Hardin	578	1,331	43.4	40.8 - 46.1
Hawkins	1,236	2,815	43.9	42.1 - 45.7
Haywood	650	1,442	45.1	42.5 - 47.6
Henderson	858	1,862	46.1	43.8 - 48.3
Henry	903	2,188	41.3	39.2 - 43.3
Hickman	644	1,476	43.6	41.1 - 46.2

**Overweight and obesity\* prevalence among Tennessee public school students, by county, 2012-2013 School Year.**

County	Number of overweight or obese students	Total number of students	Percent of overweight and obesity	95% confidence interval
Humphreys	491	1,204	40.8	38.0 - 43.6
Jackson	212	506	41.9	37.6 - 46.2
Jefferson	905	2,232	40.5	38.5 - 42.6
Johnson	243	573	42.4	38.4 - 46.5
Knox	3,747	11,404	32.9	32.0 - 33.7
Lake	188	401	46.9	42.0 - 51.8
Lauderdale	708	1,642	43.1	40.7 - 45.5
Lawrence	986	2,395	41.2	39.2 - 43.1
Lewis	369	787	46.9	43.4 - 50.4
Lincoln	852	2,120	40.2	38.1 - 42.3
Loudon	1,347	3,079	43.7	42.0 - 45.5
Macon	739	1,565	47.2	44.7 - 49.7
Madison	2,142	5,361	40.0	38.6 - 41.3
Marion	702	1,610	43.6	41.2 - 46.0
Marshall	992	2,268	43.7	41.7 - 45.8
Maury	1,934	4,553	42.5	41.0 - 43.9
McMinn	1,240	2,866	43.3	41.5 - 45.1
McNairy	673	1,658	40.6	38.2 - 43.0
Meigs	322	752	42.8	39.3 - 46.4
Monroe	1,302	2,969	43.9	42.1 - 45.6
Montgomery	2,777	8,321	33.4	32.4 - 34.4
Moore	162	407	39.8	35.0 - 44.6
Morgan	503	1,222	41.2	38.4 - 43.9
Obion	901	2,078	43.4	41.2 - 45.5
Overton	555	1,241	44.7	42.0 - 47.5
Perry	148	381	38.8	34.0 - 43.7
Pickett	154	334	46.1	40.8 - 51.5
Polk	397	1,040	38.2	35.2 - 41.1
Putnam	1,237	3,219	38.4	36.7 - 40.1
Rhea	876	2,175	40.3	38.2 - 42.3
Roane	1,103	2,601	42.4	40.5 - 44.3
Robertson	2,075	4,843	42.8	41.5 - 44.2
Rutherford	6,864	17,880	38.4	37.7 - 39.1
Scott	758	1,639	46.2	43.8 - 48.7
Sequatchie	400	953	42.0	38.8 - 45.1
Sevier	1,708	4,739	36.0	34.7 - 37.4
Shelby	15,354	43,024	35.7	35.2 - 36.1
Smith	571	1,321	43.2	40.6 - 45.9
Stewart	341	912	37.4	34.3 - 40.5
Sullivan	3,510	8,709	40.3	39.3 - 41.3
Sumner	3,994	10,209	39.1	38.2 - 40.1

**Overweight and obesity\* prevalence among Tennessee public school students, by county, 2012-2013 School Year.**

County	Number of overweight or obese students	Total number of students	Percent of overweight and obesity	95% confidence interval
Tipton	1,760	4,542	38.7	37.3 - 40.2
Trousdale	228	469	48.6	44.1 - 53.1
Unicoi	453	1,043	43.4	40.4 - 46.4
Union	447	1,018	43.9	40.9 - 47.0
Van Buren	112	288	38.9	33.3 - 44.5
Warren	1,341	2,992	44.8	43.0 - 46.6
Washington	1,448	4,081	35.5	34.0 - 36.9
Wayne	468	936	50.0	46.8 - 53.2
Weakley	624	1,648	37.9	35.5 - 40.2
White	673	1,652	40.7	38.4 - 43.1
Williamson	3,017	13,114	23.0	22.3 - 23.7
Wilson	2,838	7,741	36.7	35.6 - 37.7

\*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.

**Overweight and obesity\* prevalence among Tennessee public school students, 2007-2008, 2011-2012 and 2012-2013 School Years.**

Grade	Gender	2007-2008		2011-2012		2012-2013		Change from 2007-08 to 2012-13**
		Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	
All Grades	Both	41.1	40.9 - 41.4	38.6	38.4 - 38.8	38.5	38.4 - 38.7	Decrease
	Girls	39.6	39.3 - 39.9	37.8	37.5 - 38.1	38.3	38.0 - 38.5	Decrease
	Boys	42.6	42.3 - 42.9	39.4	39.1 - 39.6	38.8	38.6 - 39.0	Decrease
K	Both	33.5	33.0 - 34.0	30.0	29.6 - 30.4	30.9	30.5 - 31.2	Decrease
	Girls	33.2	32.4 - 34.0	30.0	29.4 - 30.5	30.9	30.4 - 31.5	Decrease
	Boys	33.7	33.0 - 34.5	30.0	29.4 - 30.5	30.8	30.3 - 31.3	Decrease
2nd	Both	39.1	38.6 - 39.6	34.8	34.4 - 35.2	34.6	34.2 - 35.0	Decrease
	Girls	37.9	37.2 - 38.7	34.9	34.3 - 35.5	34.6	34.0 - 35.1	Decrease
	Boys	40.2	39.4 - 40.9	34.8	34.2 - 35.4	34.6	34.1 - 35.2	Decrease
4th	Both	44.1	43.5 - 44.6	40.9	40.5 - 41.4	40.5	40.1 - 40.9	Decrease
	Girls	42.1	41.3 - 42.9	39.7	39.1 - 40.3	39.9	39.3 - 40.5	Decrease
	Boys	45.9	45.1 - 46.7	42.1	41.5 - 42.7	41.2	40.6 - 41.7	Decrease
6th	Both	45.4	44.8 - 45.9	44.3	43.9 - 44.8	43.9	43.4 - 44.3	Decrease
	Girls	42.9	42.1 - 43.7	42.2	41.6 - 42.9	42.4	41.8 - 43.0	Decrease
	Boys	47.7	46.9 - 48.5	46.3	45.7 - 47.0	45.2	44.6 - 45.8	Decrease
8th	Both	43.4	42.8 - 43.9	42.7	42.2 - 43.1	42.4	41.9 - 42.8	
	Girls	42.1	41.3 - 42.9	41.9	41.2 - 42.6	42.8	42.2 - 43.5	
	Boys	44.5	43.7 - 45.3	43.4	42.7 - 44.0	41.9	41.3 - 42.5	Decrease
High School	Both	42.0	41.4 - 42.6	40.6	40.1 - 41.1	40.6	40.1 - 41.0	Decrease
	Girls	39.6	38.7 - 40.5	39.6	38.9 - 40.3	40.6	40.0 - 41.2	
	Boys	44.2	43.4 - 45.1	41.5	40.8 - 42.2	40.5	39.9 - 41.1	Decrease

\*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 2007-2008 to 2012-2013.

**Overweight and obesity\* prevalence among Tennessee public school students, by county, 2007-2008, 2011-2012 and 2012-2013 School Years.**

County	2007-2008		2011-2012		2012-2013		Change from 2007-08 to 2012-13**
	Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	
<i>Tennessee</i>	<b>41.1</b>	<b>40.9 - 41.4</b>	<b>38.6</b>	<b>38.4 - 38.8</b>	<b>38.5</b>	<b>38.4 - 38.7</b>	<i>Decrease</i>
Anderson	42.1	40.4 - 43.8	39.9	38.5 - 41.3	39.6	38.3 - 41.0	
Bedford	36.7	32.7 - 40.6	37.5	31.7 - 43.2	46.8	44.9 - 48.7	Increase
Benton	<b>No Data</b>		47.5	44.3 - 50.7	45.6	41.9 - 49.3	No Data
Bledsoe	41.0	37.4 - 44.7	39.2	35.6 - 42.9	43.8	39.6 - 47.9	
Blount	39.2	38.1 - 40.4	39.3	38.0 - 40.6	37.0	35.9 - 38.1	
Bradley	41.2	39.8 - 42.7	40.7	39.2 - 42.2	39.3	37.9 - 40.8	
Campbell	<b>No Data</b>		45.9	42.3 - 49.5	<b>No Data</b>		No Data
Cannon	38.6	35.1 - 42.1	39.4	36.1 - 42.8	35.6	32.3 - 39.0	
Carroll	39.6	37.1 - 42.0	45.6	43.3 - 47.8	45.7	43.4 - 47.9	Increase
Carter	42.1	39.4 - 44.8	39.7	37.2 - 42.3	40.7	38.7 - 42.6	
Cheatham	34.9	32.8 - 37.0	34.9	32.8 - 37.0	35.3	33.2 - 37.3	
Chester	35.9	32.8 - 39.0	36.1	33.0 - 39.2	36.7	33.6 - 39.7	
Claiborne	37.6	32.6 - 42.6	45.4	42.9 - 48.0	48.3	45.8 - 50.9	Increase
Clay	48.1	43.4 - 52.9	46.8	41.6 - 52.1	46.6	42.8 - 50.3	
Cocke	45.2	43.1 - 47.3	43.8	41.8 - 45.8	45.4	43.2 - 47.7	
Coffee	41.8	40.2 - 43.4	38.4	36.8 - 40.0	39.6	38.0 - 41.1	
Crockett	40.4	37.5 - 43.3	43.4	40.2 - 46.6	38.4	35.8 - 40.9	
Cumberland	43.8	41.9 - 45.6	42.5	40.7 - 44.3	41.8	40.1 - 43.6	
Davidson	39.9	38.1 - 41.7	36.2	35.7 - 36.8	36.1	35.6 - 36.7	Decrease
DeKalb	46.2	43.3 - 49.0	43.0	40.3 - 45.8	47.1	44.4 - 49.8	
Decatur	38.9	35.0 - 42.9	42.9	38.3 - 47.4	44.2	40.6 - 47.9	
Dickson	36.6	33.2 - 40.0	38.6	37.0 - 40.2	39.4	37.8 - 41.0	
Dyer	43.7	41.6 - 45.9	42.7	39.7 - 45.6	38.6	36.8 - 40.4	Decrease
Fayette	49.7	46.9 - 52.4	41.8	38.0 - 45.7	45.3	42.5 - 48.2	
Fentress	50.1	47.0 - 53.2	49.4	46.5 - 52.3	51.5	48.7 - 54.3	
Franklin	43.5	41.4 - 45.6	42.8	40.5 - 45.2	40.0	37.7 - 42.3	
Gibson	41.4	39.8 - 43.0	40.7	39.1 - 42.4	42.9	41.2 - 44.5	
Giles	42.0	39.5 - 44.4	43.6	41.2 - 45.9	44.1	41.6 - 46.5	
Grainger	48.3	45.8 - 50.9	50.7	48.1 - 53.2	48.2	45.5 - 50.9	
Greene	43.4	41.4 - 45.3	43.6	41.9 - 45.2	42.8	41.1 - 44.4	

**Overweight and obesity\* prevalence among Tennessee public school students, by county, 2007-2008, 2011-2012 and 2012-2013 School Years.**

County	2007-2008		2011-2012		2012-2013		Change from 2007-08 to 2012-13**
	Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	
Grundy	45.1	41.9 - 48.3	43.3	39.9 - 46.6	40.8	37.6 - 44.1	
Hamblen	44.5	42.5 - 46.5	44.7	43.0 - 46.3	45.1	43.6 - 46.6	
Hamilton	34.6	32.4 - 36.7	34.5	33.4 - 35.6	35.4	34.5 - 36.4	
Hancock	51.0	46.4 - 55.6	50.8	46.1 - 55.6	51.9	47.1 - 56.7	
Hardeman	44.2	41.2 - 47.3	45.9	43.3 - 48.4	45.7	42.8 - 48.7	
Hardin	49.7	47.1 - 52.4	44.9	42.1 - 47.7	43.4	40.8 - 46.1	Decrease
Hawkins	47.6	44.8 - 50.4	45.6	43.8 - 47.4	43.9	42.1 - 45.7	
Haywood	46.0	43.3 - 48.7	43.9	41.3 - 46.5	45.1	42.5 - 47.6	
Henderson	39.5	37.1 - 41.8	43.4	41.1 - 45.6	46.1	43.8 - 48.3	Increase
Henry	44.2	41.8 - 46.5	42.4	40.1 - 44.8	41.3	39.2 - 43.3	
Hickman	43.7	41.2 - 46.1	43.7	41.3 - 46.1	43.6	41.1 - 46.2	
Houston	48.1	43.9 - 52.3	45.7	41.1 - 50.3	<i>No Data</i>		No Data
Humphreys	40.1	37.3 - 42.9	40.0	37.1 - 42.9	40.8	38.0 - 43.6	
Jackson	<i>No Data</i>		42.3	37.7 - 46.8	41.9	37.6 - 46.2	No Data
Jefferson	43.2	41.3 - 45.1	37.6	31.7 - 43.5	40.5	38.5 - 42.6	
Johnson	43.3	40.0 - 46.5	51.4	43.1 - 59.7	42.4	38.4 - 46.5	
Knox	38.6	37.1 - 40.0	33.7	32.8 - 34.5	32.9	32.0 - 33.7	Decrease
Lake	49.0	43.9 - 54.2	50.5	45.5 - 55.6	46.9	42.0 - 51.8	
Lauderdale	45.2	42.7 - 47.7	44.5	42.0 - 46.9	43.1	40.7 - 45.5	
Lawrence	42.2	40.3 - 44.2	40.0	37.1 - 43.0	41.2	39.2 - 43.1	
Lewis	<i>No Data</i>		<i>No Data</i>		46.9	43.4 - 50.4	No Data
Lincoln	41.7	39.4 - 43.9	43.5	41.3 - 45.6	40.2	38.1 - 42.3	
Loudon	42.4	40.5 - 44.2	42.6	41.2 - 43.9	43.7	42.0 - 45.5	
Macon	43.8	41.4 - 46.3	48.0	45.5 - 50.5	47.2	44.7 - 49.7	
Madison	39.7	38.0 - 41.5	44.0	42.6 - 45.4	40.0	38.6 - 41.3	
Marion	43.3	39.8 - 46.8	41.2	38.7 - 43.7	43.6	41.2 - 46.0	
Marshall	<i>No Data</i>		<i>No Data</i>		43.7	41.7 - 45.8	No Data
Maury	41.3	38.3 - 44.3	40.7	39.3 - 42.2	42.5	41.0 - 43.9	
McMinn	44.1	42.0 - 46.2	44.4	42.6 - 46.2	43.3	41.5 - 45.1	
McNairy	40.4	38.2 - 42.7	44.0	41.6 - 46.4	40.6	38.2 - 43.0	
Meigs	42.8	39.2 - 46.4	43.8	40.2 - 47.4	42.8	39.3 - 46.4	

**Overweight and obesity\* prevalence among Tennessee public school students, by county, 2007-2008, 2011-2012 and 2012-2013 School Years.**

County	2007-2008		2011-2012		2012-2013		Change from 2007-08 to 2012-13**
	Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	
Monroe	45.5	43.7 - 47.3	45.3	43.5 - 47.1	43.9	42.1 - 45.6	
Montgomery	36.7	35.1 - 38.2	34.1	33.2 - 35.1	33.4	32.4 - 34.4	
Moore	42.3	37.4 - 47.1	50.8	45.6 - 56.0	39.8	35.0 - 44.6	
Morgan	40.9	38.1 - 43.8	40.0	37.4 - 42.6	41.2	38.4 - 43.9	
Obion	44.5	41.7 - 47.3	41.6	39.1 - 44.2	43.4	41.2 - 45.5	
Overton	46.7	44.0 - 49.3	43.7	41.0 - 46.5	44.7	42.0 - 47.5	
Perry	39.5	34.7 - 44.3	42.2	37.6 - 46.8	38.8	34.0 - 43.7	
Pickett	46.4	40.5 - 52.3	47.1	41.5 - 52.7	46.1	40.8 - 51.5	
Polk	41.6	38.5 - 44.7	39.0	36.2 - 41.9	38.2	35.2 - 41.1	
Putnam	44.4	42.8 - 46.0	41.1	39.4 - 42.8	38.4	36.7 - 40.1	Decrease
Rhea	43.1	40.7 - 45.4	40.6	38.5 - 42.7	40.3	38.2 - 42.3	
Roane	41.4	40.1 - 42.8	44.0	42.2 - 45.8	42.4	40.5 - 44.3	
Robertson	48.4	44.9 - 51.8	42.5	41.1 - 44.0	42.8	41.5 - 44.2	Decrease
Rutherford	40.9	39.3 - 42.5	37.3	36.6 - 38.1	38.4	37.7 - 39.1	Decrease
Scott	43.4	40.8 - 46.0	45.4	43.0 - 47.8	46.2	43.8 - 48.7	
Sequatchie	39.2	35.9 - 42.5	41.5	38.3 - 44.7	42.0	38.8 - 45.1	
Sevier	42.7	40.6 - 44.8	38.1	36.7 - 39.5	36.0	34.7 - 37.4	Decrease
Shelby	<i>No Data</i>		31.3	30.5 - 32.0	35.7	35.2 - 36.1	No Data
Smith	45.2	42.6 - 47.9	46.0	43.4 - 48.6	43.2	40.6 - 45.9	
Stewart	43.6	40.5 - 46.7	35.0	31.9 - 38.1	37.4	34.3 - 40.5	
Sullivan	37.3	34.9 - 39.8	38.7	37.6 - 39.7	40.3	39.3 - 41.3	
Sumner	43.8	41.7 - 45.9	37.8	36.8 - 38.7	39.1	38.2 - 40.1	Decrease
Tipton	41.7	40.2 - 43.2	38.5	37.0 - 39.9	38.7	37.3 - 40.2	Decrease
Trousdale	46.7	42.6 - 50.8	52.0	47.4 - 56.6	48.6	44.1 - 53.1	
Unicoi	44.7	41.6 - 47.9	44.3	41.2 - 47.3	43.4	40.4 - 46.4	
Union	45.2	40.4 - 49.9	38.3	33.7 - 42.9	43.9	40.9 - 47.0	
Van Buren	46.9	41.2 - 52.6	44.7	39.1 - 50.3	38.9	33.3 - 44.5	
Warren	40.9	39.0 - 42.8	45.3	43.5 - 47.1	44.8	43.0 - 46.6	Increase
Washington	40.7	39.4 - 41.9	36.7	35.3 - 38.0	35.5	34.0 - 36.9	Decrease
Wayne	44.3	41.2 - 47.4	44.6	41.4 - 47.7	50.0	46.8 - 53.2	
Weakley	40.6	36.5 - 44.8	38.4	36.0 - 40.7	37.9	35.5 - 40.2	

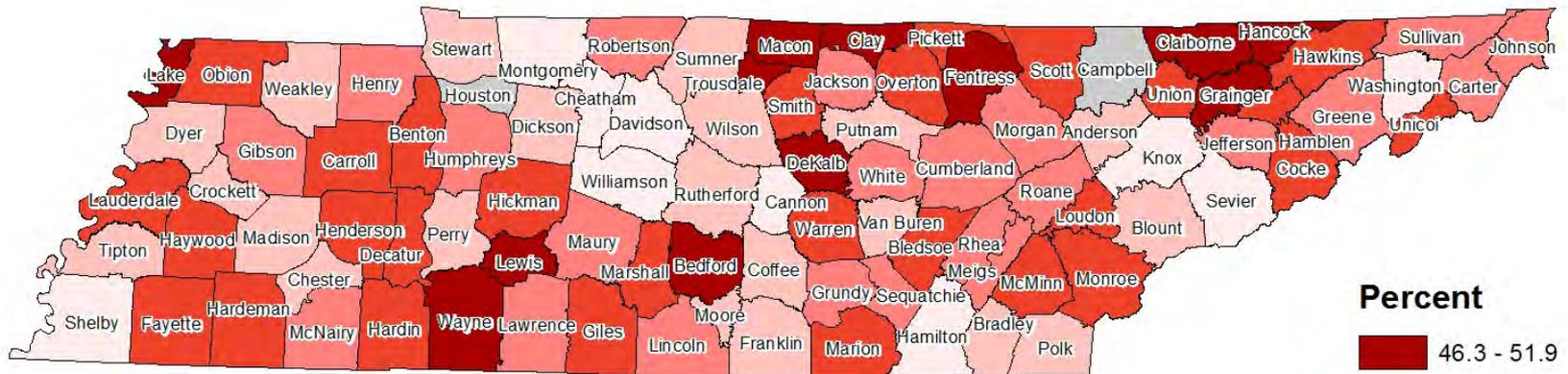
**Overweight and obesity\* prevalence among Tennessee public school students, by county, 2007-2008, 2011-2012 and 2012-2013 School Years.**

County	2007-2008		2011-2012		2012-2013		Change from 2007-08 to 2012-13**
	Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	Percent of overweight and obesity	95% confidence interval	
White	<i>No Data</i>		<i>No Data</i>		40.7	38.4 - 43.1	No Data
Williamson	29.1	28.3 - 29.8	24.2	23.5 - 25.0	23.0	22.3 - 23.7	Decrease
Wilson	40.0	38.8 - 41.1	37.3	36.3 - 38.4	36.7	35.6 - 37.7	Decrease

\*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.

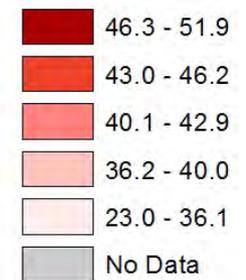
\*\*"Decrease" or "increase" indicates a statistically significant change from 2007-2008 to 2012-2013.

# Prevalence of Overweight and Obesity Tennessee Public Schools\*, 2012-2013 School Year



**State Rate: 38.5%**

### Percent



\*Data were collected for students enrolled in Kindergarten, Second, Fourth, Sixth, and Eighth Grades, and High School.

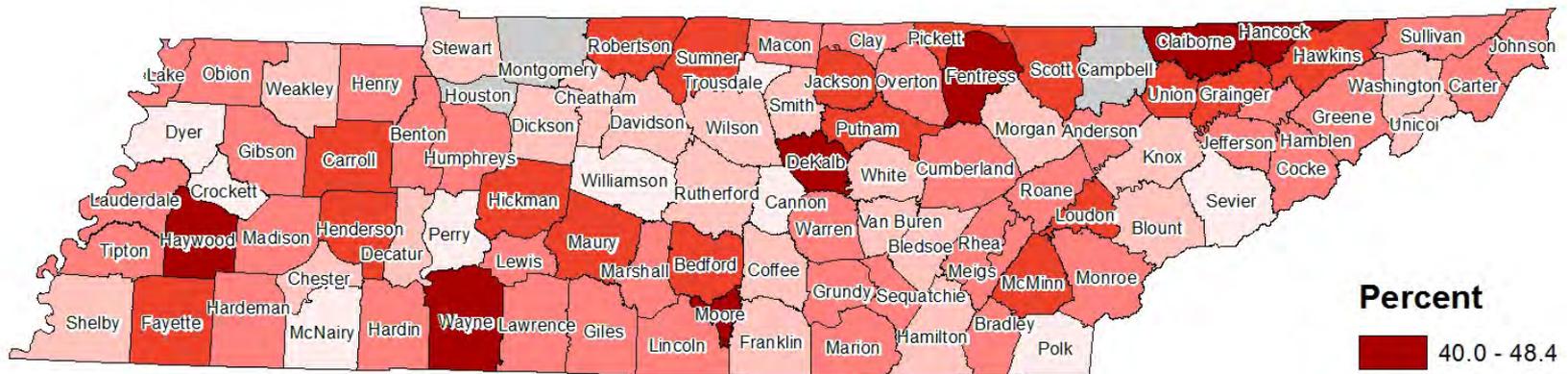
Data source: Tennessee Department of Education, Office of Coordinated School Health

Data analysis and maps produced by Tennessee Department of Health, Division of Policy, Planning and Assessment

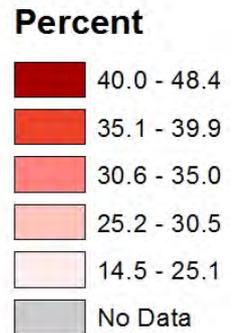




# Prevalence of Overweight and Obesity, Kindergarteners Tennessee Public Schools, 2012-2013 School Year



**State Rate: 30.9%**

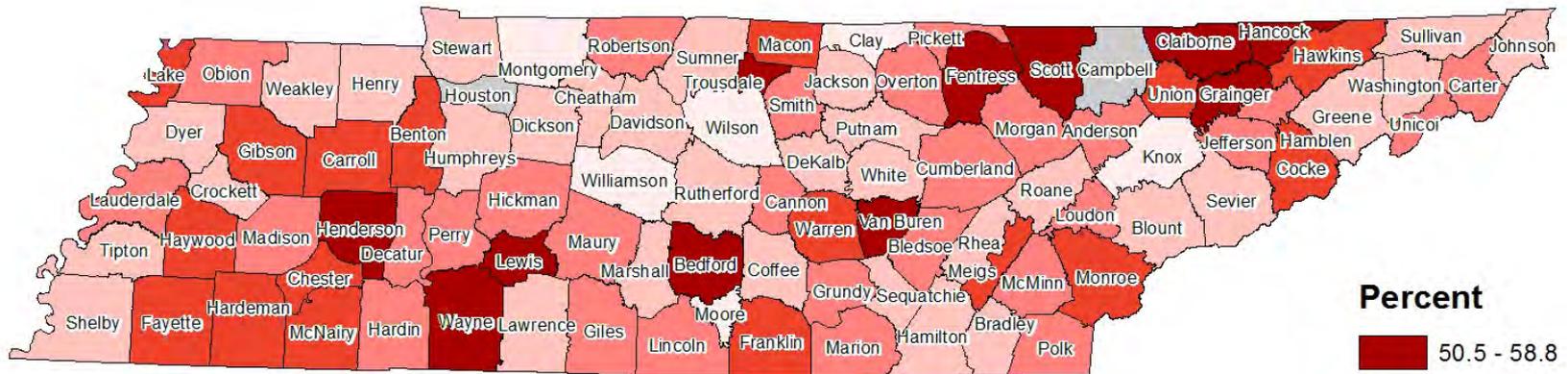


Data source: Tennessee Department of Education, Office of Coordinated School Health

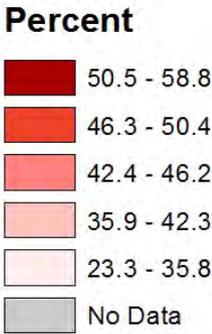
Data analysis and maps produced by Tennessee Department of Health, Division of Policy, Planning and Assessment



# Prevalence of Overweight and Obesity, Fourth Graders Tennessee Public Schools, 2012-2013 School Year



**State Rate: 40.5%**

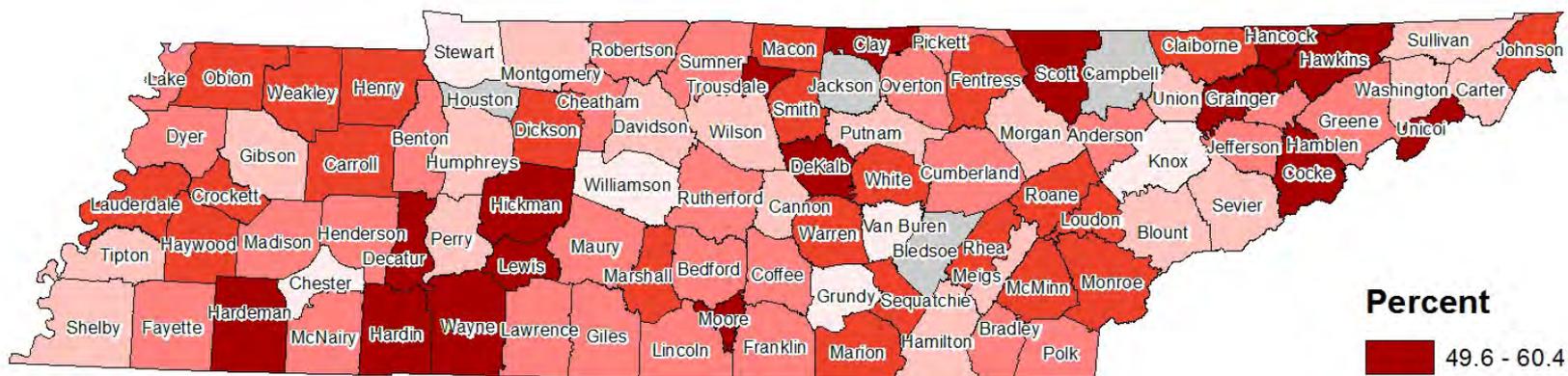


Data source: Tennessee Department of Education, Office of Coordinated School Health  
 Data analysis and maps produced by Tennessee Department of Health, Division of Policy, Planning and Assessment





## Prevalence of Overweight and Obesity, High School Students\* Tennessee Public Schools, 2012-2013 School Year



**State Rate: 40.6%**

\*Data were collected for a single grade in High School determined by the individual school districts

Data source: Tennessee Department of Education, Office of Coordinated School Health

Data analysis and maps produced by Tennessee Department of Health, Division of Policy, Planning and Assessment