

Measuring the Health Effects of SPRAWL

A National Analysis of Physical Activity, Obesity and Chronic Disease

Data from the new report by **Smart Growth America** and
the **Surface Transportation Policy Project**

TENNESSEE FACT SHEET

Sprawl Scores for Tennessee Counties

A lower number indicates a higher degree of sprawl. The mean score on the county sprawl index is 100.

Metro Area	County	County Sprawl Score
Chattanooga, TN- GA	Dade County, GA	77.61
	Walker County, GA	81.26
	Catoosa County, GA	85.61
	Hamilton County	99.83
Johnson City- Kingsport-Bristol, TN-VA	Hawkins County	86.81
	Scott County, VA	89.47
	Washington County	92.36
	Sullivan County	93.28
	Washington County, VA	94.38
	Carter County	97.93
	Unicoi County	104.18
Knoxville, TN	Union County	84.39
	Sevier County	88.16
	Blount County	89.51
	Anderson County	90.20
	Knox County	99.34
Memphis, TN-AR- MS	Tipton County	77.54
	De Soto County, MS	82.01
	Crittenden County, AR	94.07
	Shelby County	103.98
Nashville, TN	Cheatham County	74.75
	Robertson County	77.32
	Wilson County	78.67
	Dickson County	80.92
	Williamson County	83.12
	Rutherford County	85.34
	Sumner County	87.09
	Davidson County	101.17
none	Grainger County	80.10
none	Jefferson County	82.45

For the complete report, visit www.smartgrowthamerica.org

How Sprawl Is Related to Health for each Tennessee County

The table below illustrates the study's findings by calculating the expected impact of sprawl on the body mass index and weight of an average person (height- 5'7"). The last two columns calculate the expected impact of sprawl on the probability of being obese or having hypertension.

Metro Area	County	Expected Body Mass Index	Expected Weight	Expected probability of obesity	Expected probability of having hypertension
Chattanooga, TN-GA	Dade County, GA	26.18	167.13	18.8%	24.4%
	Walker County, GA	26.16	167.05	18.7%	24.3%
	Catoosa County, GA	26.15	166.96	18.6%	24.2%
	Hamilton County	26.10	166.65	18.1%	23.9%
Johnson City-Kingsport-Bristol, TN-VA	Hawkins County	26.15	166.93	18.5%	24.2%
	Scott County, VA	26.14	166.87	18.4%	24.1%
	Washington County	26.13	166.81	18.3%	24.1%
	Sullivan County	26.12	166.79	18.3%	24.0%
	Washington County, VA	26.12	166.77	18.3%	24.0%
	Carter County	26.11	166.69	18.2%	23.9%
Knoxville, TN	Unicoi County	26.09	166.55	18.0%	23.8%
	Union County, TN	26.15	166.98	18.6%	24.2%
	Sevier County, TN	26.14	166.90	18.5%	24.2%
	Blount County, TN	26.14	166.87	18.4%	24.1%
	Anderson County, TN	26.13	166.86	18.4%	24.1%
Memphis, TN-AR-MS	Knox County, TN	26.10	166.66	18.1%	23.9%
	Tipton County	26.18	167.14	18.8%	24.4%
	De Soto County, MS	26.16	167.04	18.7%	24.3%
	Crittenden County, AR	26.12	166.77	18.3%	24.0%
Nashville, TN	Shelby County	26.09	166.55	18.0%	23.8%
	Cheatham County, TN	26.19	167.20	18.9%	24.5%
	Robertson County, TN	26.18	167.14	18.8%	24.4%
	Wilson County, TN	26.17	167.11	18.8%	24.4%
	Dickson County, TN	26.17	167.06	18.7%	24.3%
	Williamson County, TN	26.16	167.01	18.6%	24.3%
	Rutherford County, TN	26.15	166.96	18.6%	24.2%
	Sumner County, TN	26.14	166.93	18.5%	24.2%
Davidson County, TN	26.10	166.62	18.1%	23.9%	
none	Grainier County, TN	26.17	167.08	18.7%	24.3%
none	Jefferson County, TN	26.16	167.03	18.7%	24.3%

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