

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**

SOUTH CAROLINA FACT SHEET

Sprawl Scores for South Carolina 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
Augusta-Aiken, GA-SC	Aiken County	86.39
	Dorchester County	87.82
Charleston-North Charleston, SC	Berkeley County	90.12
	Charleston County	110.28
Charlotte- Gastonia-Rock Hill, NC-SC	York County	84.11
Columbia, SC	Lexington County	86.41
	Richland County	101.86
Greenville- Spartanburg- Anderson, SC	Pickens County	83.78
	Spartanburg County	86.73
	Greenville County	94.35

For the complete report, visit www.smartgrowthamerica.org

How Sprawl Is Related to Health for each South Carolina 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
Augusta-Aiken, GA-SC	Aiken County	26.15	166.94	18.5%	24.2%
Charleston-North Charleston, SC	Dorchester County	26.14	166.91	18.5%	24.2%
	Berkeley County	26.13	166.86	18.4%	24.1%
	Charleston County	26.06	166.42	17.8%	23.7%
Charlotte-Gastonia-Rock Hill, NC-SC	York County	26.15	166.99	18.6%	24.2%
Columbia, SC	Lexington County	26.15	166.94	18.5%	24.2%
	Richland County	26.09	166.60	18.0%	23.9%
Greenville-Spartanburg-Anderson, SC	Pickens County	26.16	167.00	18.6%	24.3%
	Spartanburg County	26.15	166.93	18.5%	24.2%
	Greenville County	26.12	166.77	18.3%	24.0%

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Smart Growth America ▪ Surface Transportation Policy Project