



2007-2016 Traffic Counts Berkeley, Charleston, and Dorchester Counties

The following tables show a ten-year history of traffic counts in our region. They are organized by station numbers for each county. An index by station number follows.

Who provides these traffic counts?

These traffic counts are collected by the South Carolina Department of Transportation (SCDOT). You may have seen the road tubes or in-pavement installations of traffic counters as you drive around the area.

Where along the road are traffic counts measured?

The station numbers in the table correspond to locations where traffic counts are taken each year. The traffic count locations do not move over time in order to ensure consistency in measurement. The location in the table shows the two cross streets or other boundaries between which the count is located. 2016 traffic count maps are available on our website (www.bcdco.org) on the Transportation Planning page.

What do the count numbers mean?

The traffic counts are annualized average daily traffic (AADT) counts; each count represents the average amount of vehicular traffic, in both directions, which passes a given point over a 24-hour period on a typical day in the year. SCDOT counts are seasonally adjusted so that they represent an average of all seasonal traffic.

How accurate are these traffic counts?

AADT is a key variable in producing vehicle miles traveled (VMT) estimates, for analyses of crash rates, evaluation of infrastructure management needs, air quality compliance, and validation of travel demand model predictions. This data is frequently used to influence policy decisions. Despite their importance, AADT values are simply rough estimates of traffic counts along major roadway sections. SCDOT calculates these counts using short-period traffic counts (SPTCs) in which one- to three-day samples are taken every few years at select points across the statewide highway network. These counts are factored up to a yearly estimate based on year-to-year trends, sampling season, and day-of-week factors developed using data obtained from permanent automatic traffic recorder (ATR) stations. Thus, these traffic counts should be considered estimated figures rather than actual figures.

What about the counts in the chart marked N/A?

For various reasons, some counts have been phased out over the past 10 years. Also, new stations are introduced to the program as new roads are constructed or as existing roads become more heavily travelled. The fields marked N/A represent stations where no counts were taken.

Were any counts done before 2007?

The annual count program at SC DOT dates back to 1987 and the data is available upon request from BCDCOG. Limited counts were measured prior to 1987 at certain locations. For information on historic counts, contact the South Carolina Department of Archives and History at (803) 896-6196.

Where can I find accident data?

Accident data, usually reported by intersection, is collected separately by the South Carolina Department of Public Safety's Office of Highway Safety and Justice Programs. For more information, please call (803) 896-9950.

Questions? Contact:

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