

# Brevard Pedestrian Count

**Time Period:** Monday, March 30, 2015 6:00 P.M. – Monday, March 28, 2015 12:00 A.M.

**Location:** On the south-east sidewalk on Mills Avenue, approximately 50 feet south-west of the intersection of Mills Avenue and W Main Street.



(Image: Google Maps)

**Equipment:** EcoCounter Pyro Counter

The Pyro Counter is able to count bicyclists, pedestrians, skateboarders, rollerbladers, or anyone who passes within approximately 16.5 feet of the equipment. However, the device is unable to differentiate between the different users and simply counts them as general users.

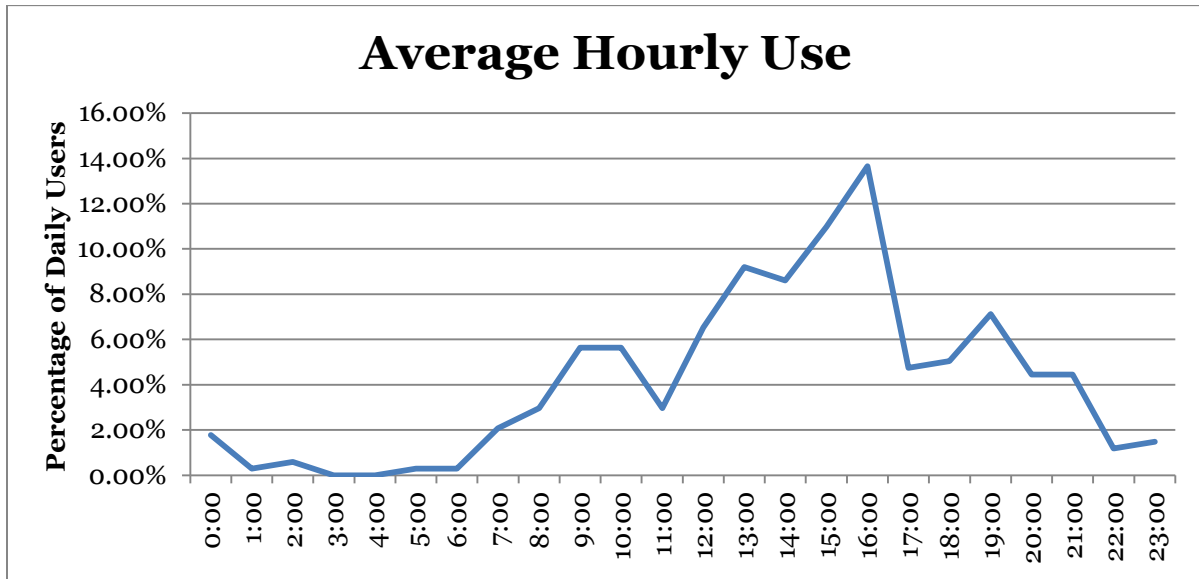
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have been missed due to these circumstances and there has been no effort to make up for this likely discrepancy.

## Results

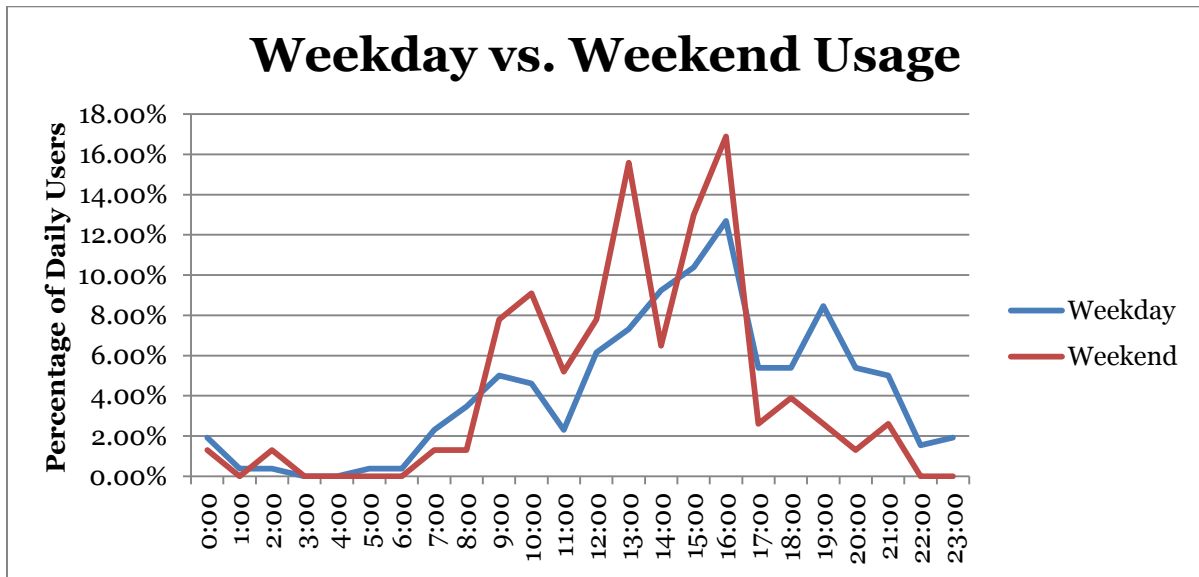
<b>Total Users</b>	<b>337</b>
<b>Users/Hour</b>	<b>2.0</b>
<b>Peak 24-Hour Usage</b>	<b>62</b>
<b>Peak Day</b>	<b>Wednesday, April 1<sup>st</sup></b>
<b>Peak 2-Hour Period</b>	<b>21</b>
<b>Peak 2-Hour Day &amp; Time</b>	<b>3:00 – 5:00 P.M. Friday, April 3<sup>rd</sup></b>

## Patterns of Use

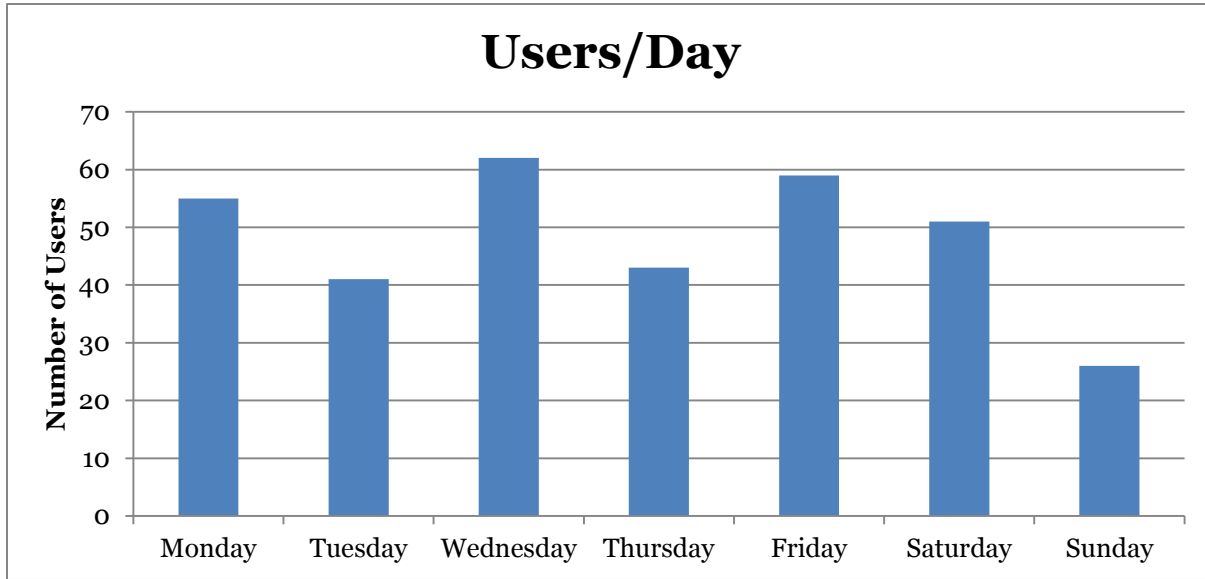
The following chart illustrates the average use of the sidewalk at the count location. This includes both weekday and weekend data and has greater weekday representation.



The second chart illustrates the different pattern of usage between the weekday and weekend.



The third chart shows users/day.



### Notes

Temperatures were fairly consistent with highs ranging from 59-73 and lows ranging from 29-54. Lows below freezing occurred on Sunday, April 5<sup>th</sup>. Significant precipitation events occurred on Thursday (4/2), Friday (4/3), and Monday (4/6.) No precipitation events exceeded 0.4 inches.

The count was missing data between 14:00 and 18:00 on Monday. For this report, the discrepancy was made-up by using the average usage during those hours and rounding down to make a more conservative estimate.