

# Downtown Asheville- Biltmore Avenue Pedestrian Count

**Time Period:** Tuesday, December 2, 2014 1:00 P.M. – Tuesday, December 9, 2014 1:00 P.M.

**Location:** Downtown Asheville, on the west side of Biltmore Avenue, about 150 feet south of Patton Avenue.



(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.

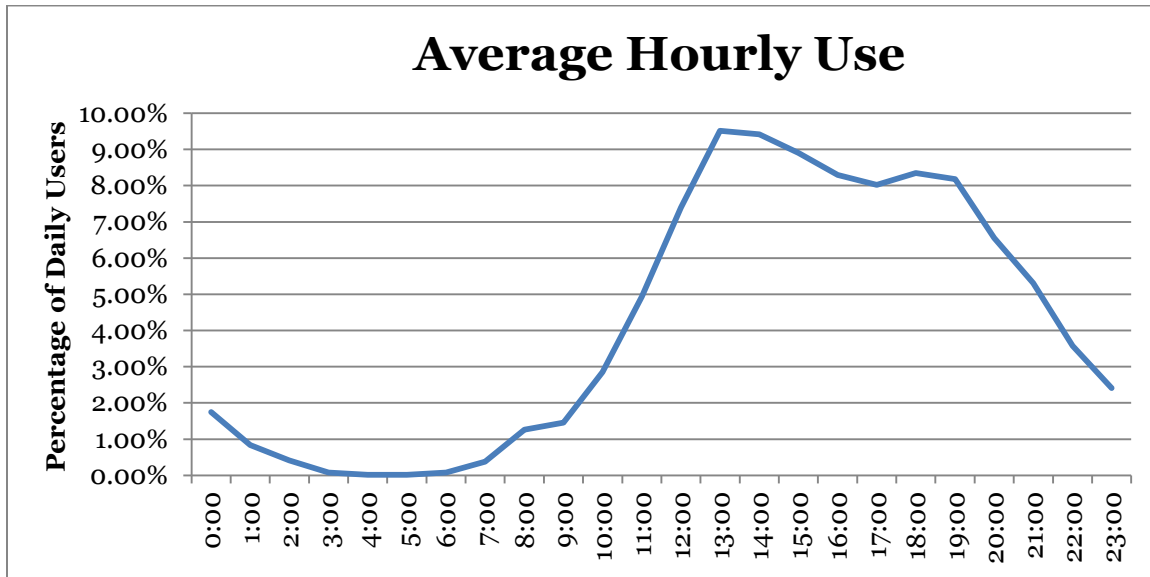
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have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

## Results

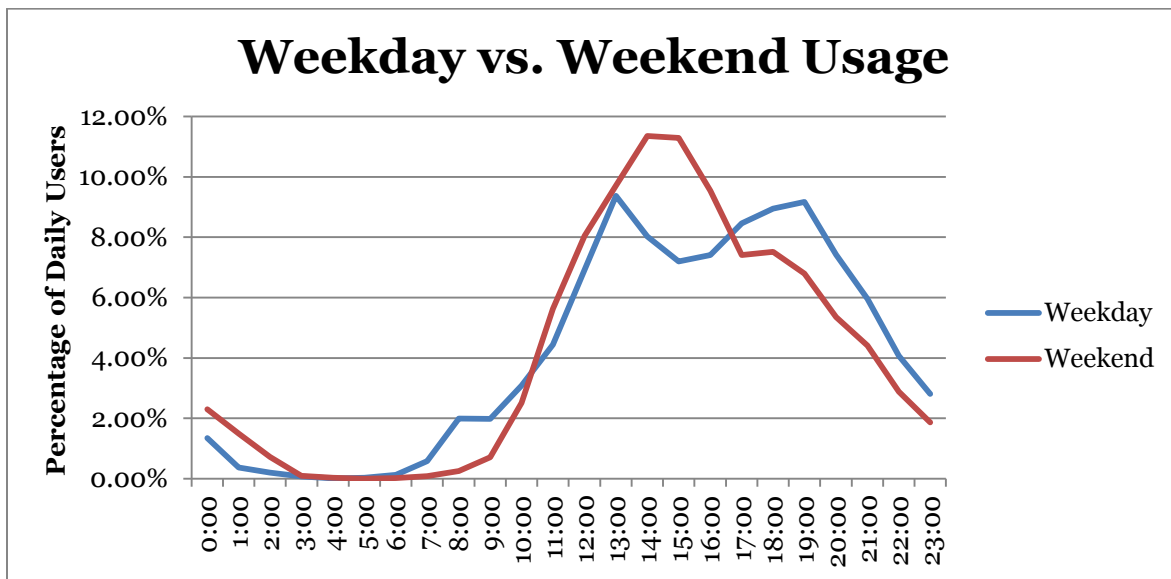
<b>Total Users</b>	<b>27,200</b>
<b>Users/Hour</b>	<b>161.90</b>
<b>Peak 24-Hour Usage</b>	<b>6,676</b>
<b>Peak Day</b>	<b>Saturday, December 6th</b>
<b>Peak 2-Hour Period</b>	<b>1,393</b>
<b>Peak 2-Hour Day &amp; Time</b>	<b>2:00 – 4:00 P.M. Saturday, December 6th</b>

## Patterns of Use

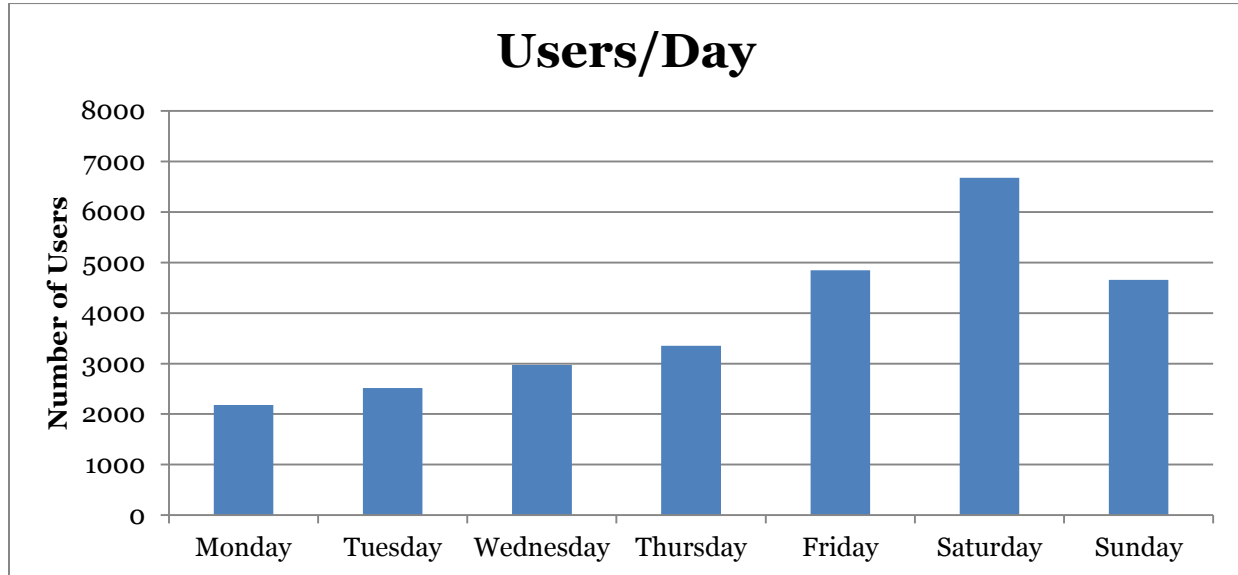
The following chart illustrates the average use of the sidewalk. This includes both weekday and weekend data and has greater weekday representation.



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



The third chart shows users/day:



## Notes

Weather was about average for most of the week, with a high around 65 degrees and a low of 34 degrees. Significant showers occurred on Saturday, December 6<sup>th</sup> and Tuesday, December 9<sup>th</sup>.