

# Waynesville Pedestrian Count

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**Time Period:** Wednesday, April 15, 2015 12:00 A.M. – Wednesday, April 22, 2015 12:00 A.M.

**Location:** NE of the intersection of Main Street and East Street in Downtown Waynesville, just outside of City Bakery.



(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.

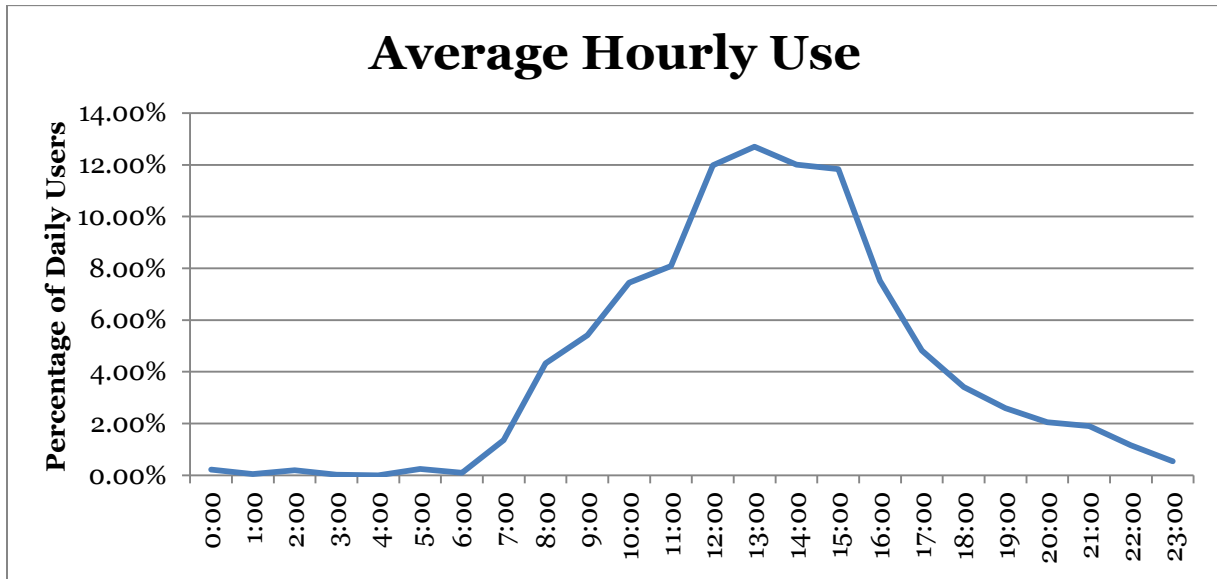
Possible sources of error include facility-users walking side-by-side or very close to each other; this is likely to include people walking or running side-by-side, children being held by a parent or walking along side of them, or dense groups of users. It is unclear how many users are likely to have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

## Results

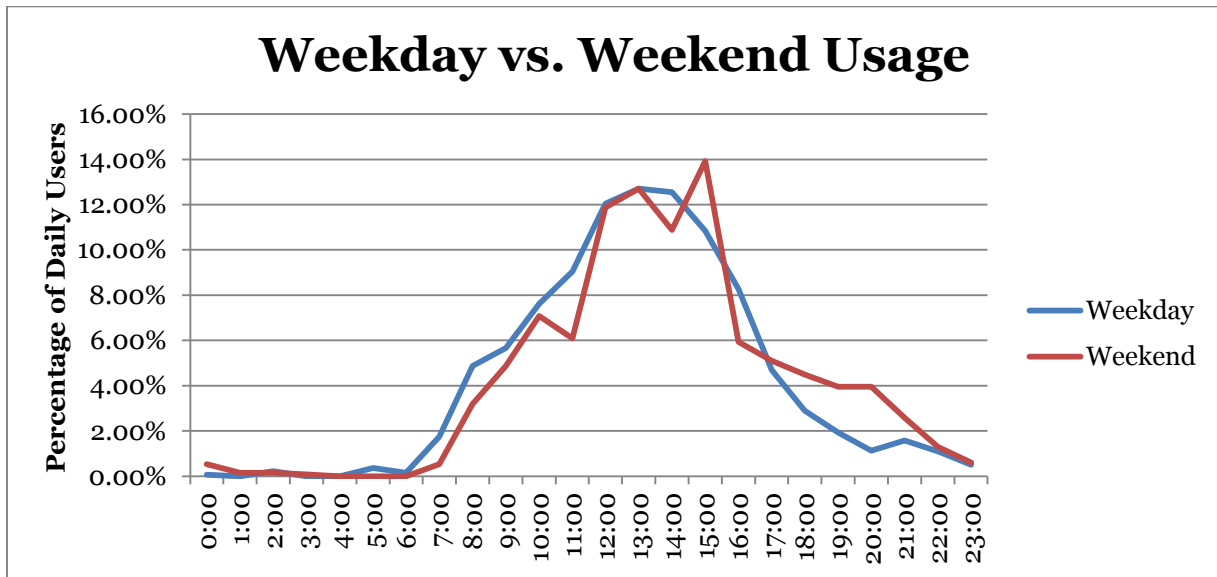
<b>Total Users</b>	<b>4,046</b>
<b>Users/Hour</b>	<b>24.1</b>
<b>Peak 24-Hour Usage</b>	<b>1,006</b>
<b>Peak Day</b>	<b>Saturday, April 18th</b>
<b>Peak 2-Hour Period</b>	<b>265</b>
<b>Peak 2-Hour Day &amp; Time</b>	<b>2:00 – 4:00 P.M. Saturday, April 18<sup>th</sup></b>

## Patterns of Use

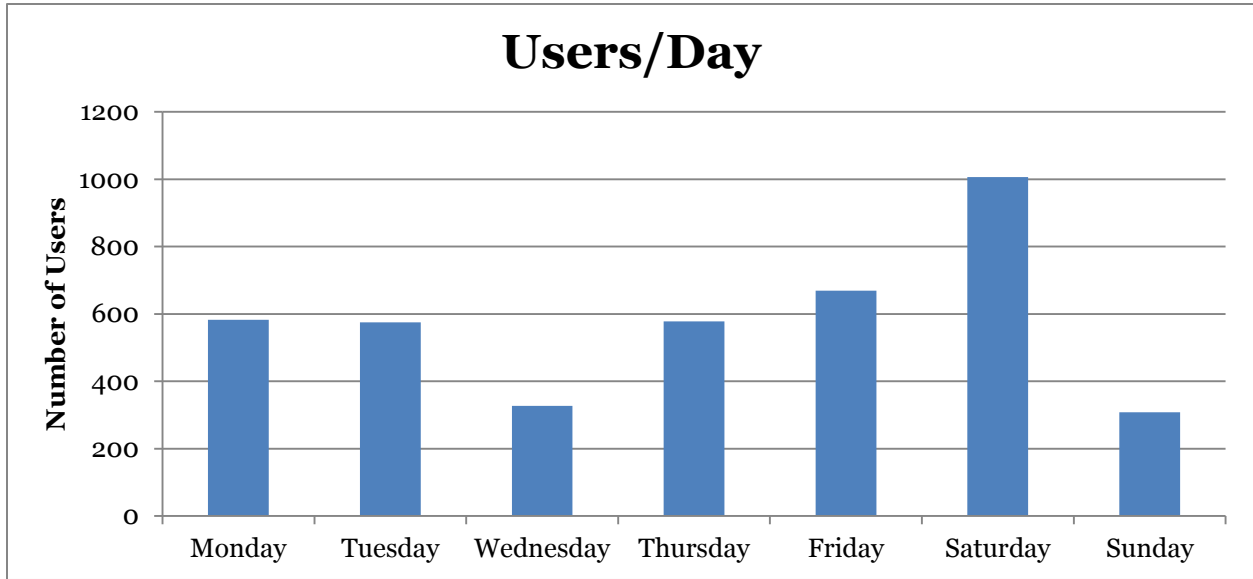
The following chart illustrates the average use of the sidewalk at the count location. This includes both weekday and weekend data and has greater weekday representation.



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



The third chart shows users/day.



### Notes

The week of the count saw precipitation events every day, with the exception of Tuesday, April 21<sup>st</sup>. Wednesday, April 15<sup>th</sup> and Sunday, April 19<sup>th</sup> had considerably more rain than other days (1.32 in. and 0.98 in., respectively.) Highs ranged from the high-50s to the mid-70s. Lows ranged from the high-30s to the high-50s.