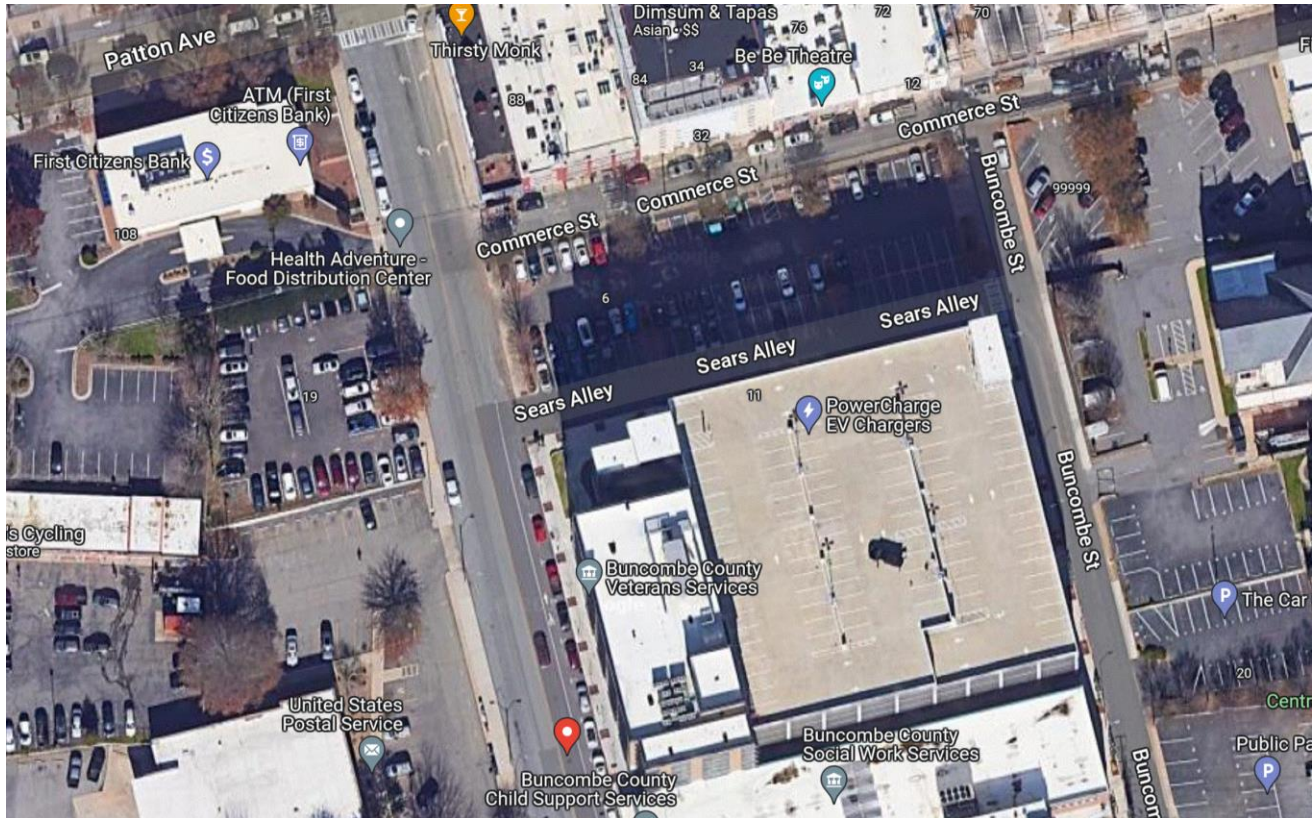


Asheville – Coxe Avenue and Patton Ave Pedestrian Count

Time Period: Tuesday November 8, 2023 – Monday November 14, 2023

Location: Downtown Asheville, on the east side of Coxe Avenue, about forty feet south of Patton Avenue.



(Image: Google Maps)

Equipment: EcoCounter Pyro Counter, set out on November 7 and retrieved on November 15, 2023

The Pyro Counter can 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 carried by a parent or walking along side of them, or dense groups of users. It is unclear how many users went uncounted due to these circumstances and there has been no effort to make up for this discrepancy.

Results:

Coxe Ave. at Patton Ave.

Total Users	6,921
Users/Hour	41.2
Peak 24-Hour Usage	2,163
Peak Day	Sat. 11/11/2023
Peak 2-Hour Usage Period	456
Peak 2-Hour Date and Time	5 PM to 7 PM Saturday November 11th

Patton Ave. at Biltmore Ave.

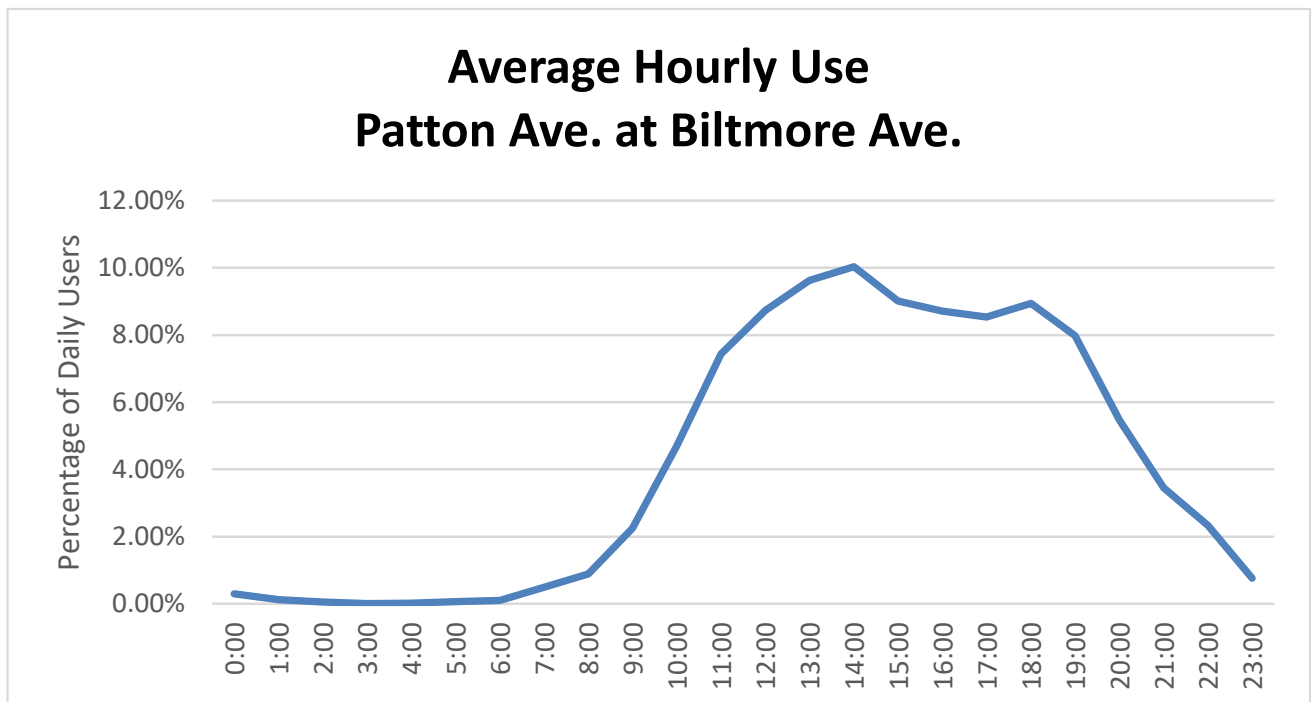
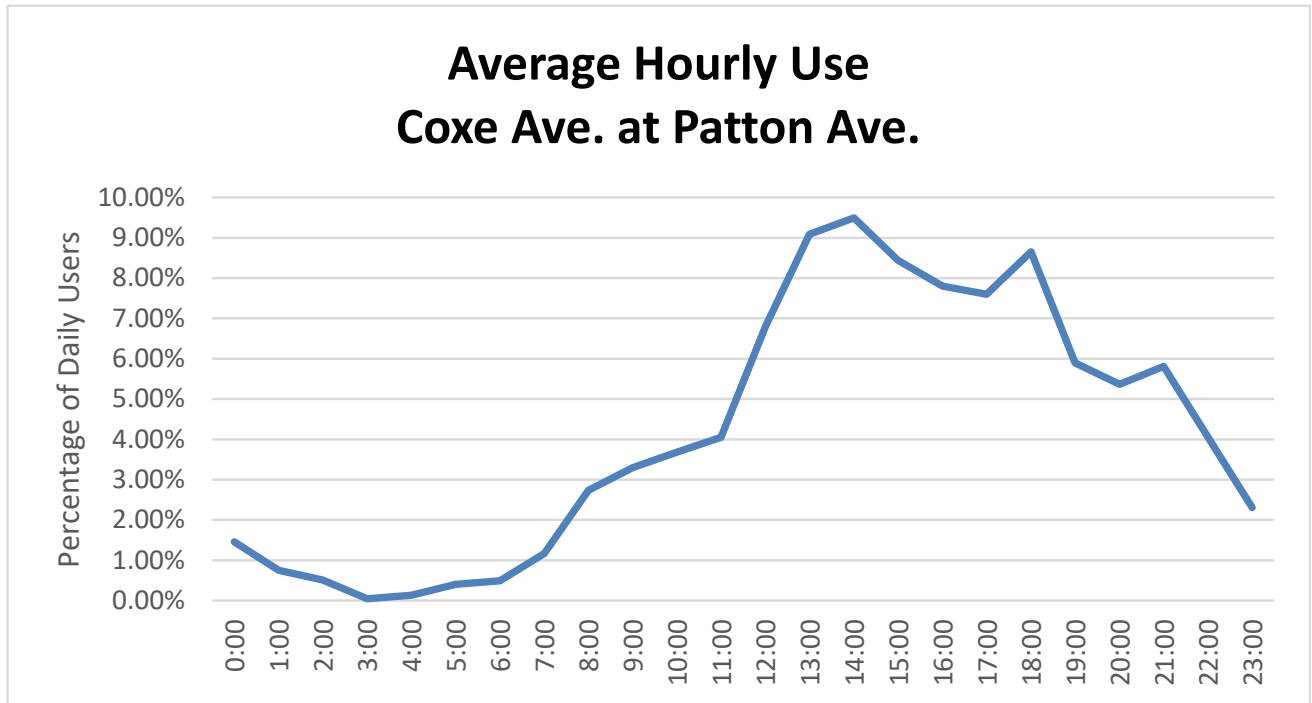
Total Users	45,104
Users/Hour	268.5
Peak 24-Hour Usage	14,001
Peak Day	Sat. 11/11/2023
Peak 2-Hour Usage Period	2,845
Peak 2-Hour Date and Time	1 PM to 3PM Saturday November 11th

This was the first time that this location has been surveyed. A second pedestrian counter was placed approximately two hundred feet south of Patton Avenue on Biltmore Avenue at the same time. There was rain on Saturday November 11th this year. It did not dampen foot traffic because the majority of the rain occurred between 3 Am and 4 AM. A lesser amount of rain fell between 6:30 AM and 9 AM. There were 456 people who walked in front of the counter on Coxe Avenue between 5PM and 7 Pm on Saturday the 11th. In comparison, there were 2409 people who walked past the counter on Biltmore between 5 Pm and 7 PM on the same day.

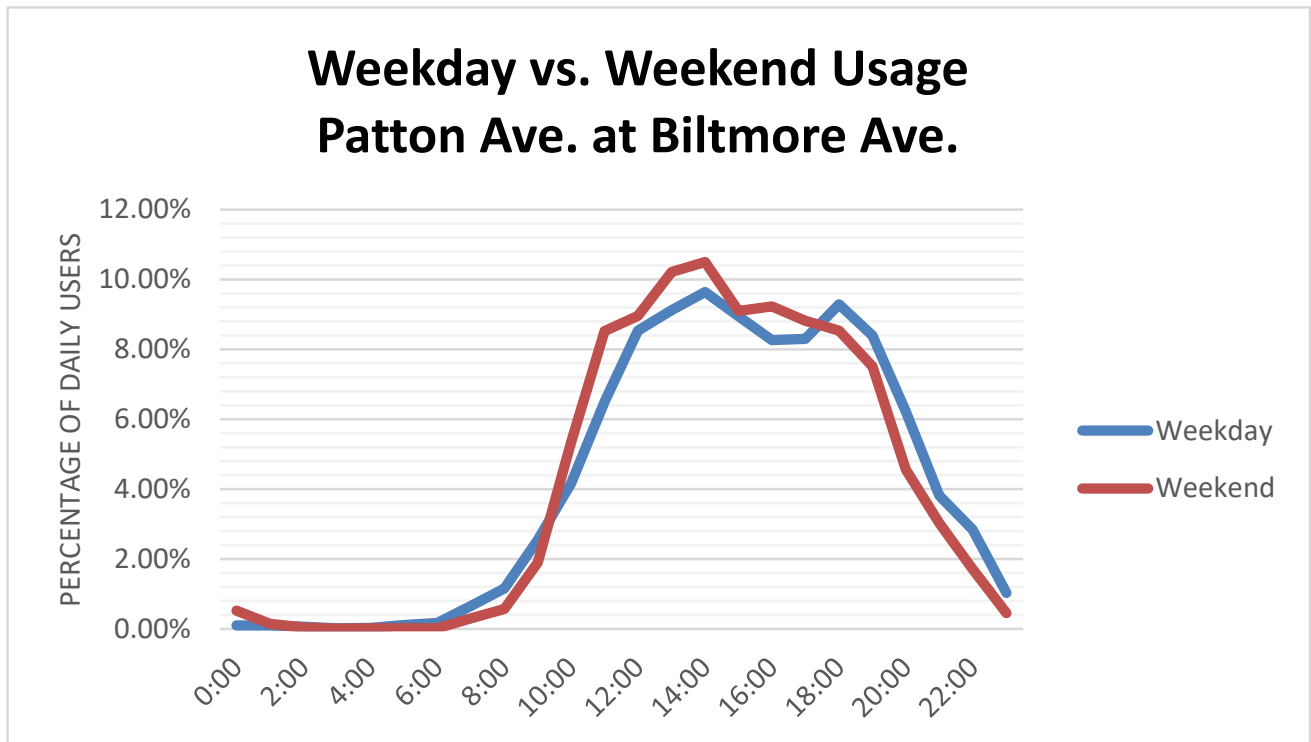
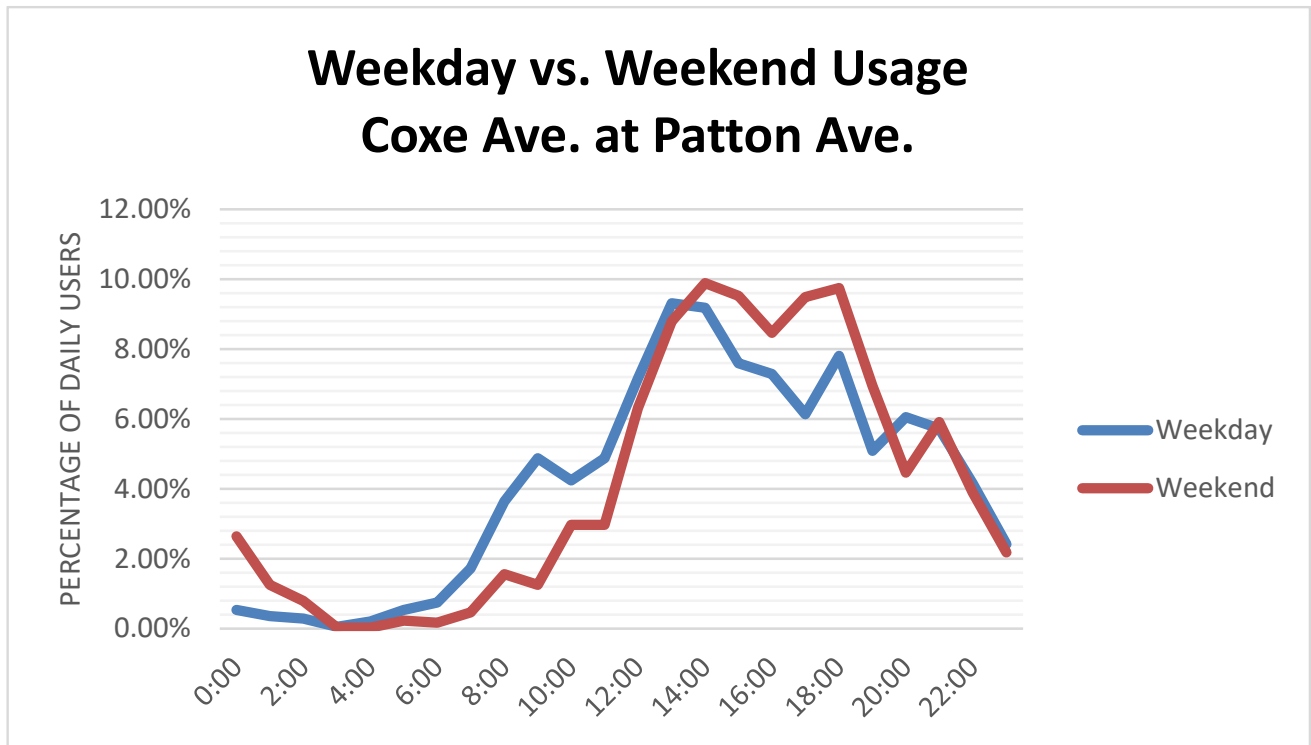
The site where this counter was placed was in front of the Buncombe County Child Support Services building. It was also just south of the Buncombe County Veterans Services building. Across the street is

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.

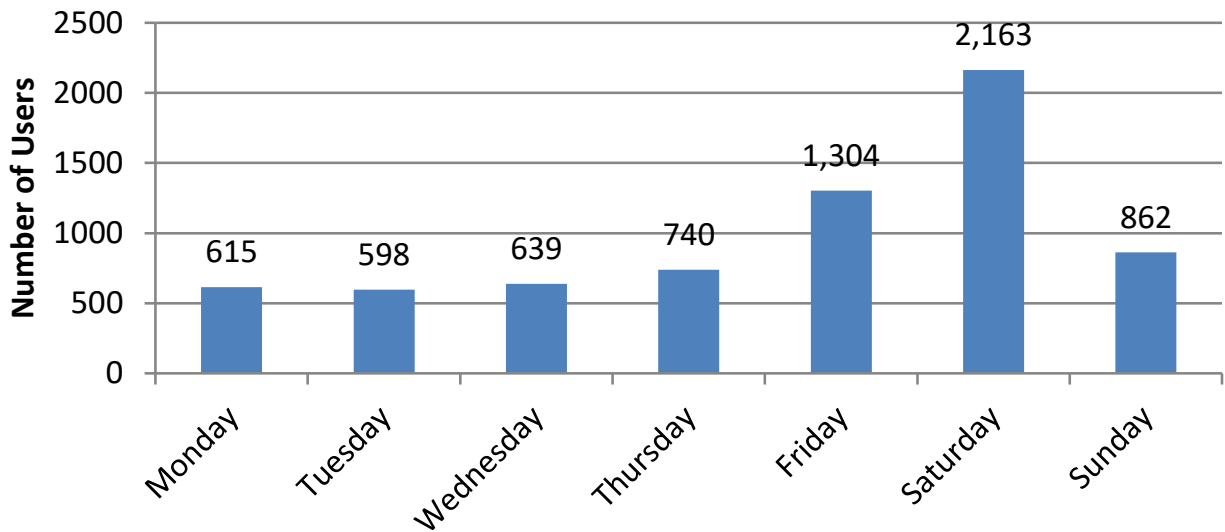


The second chart illustrates the different pattern of usage between the weekday and weekend.

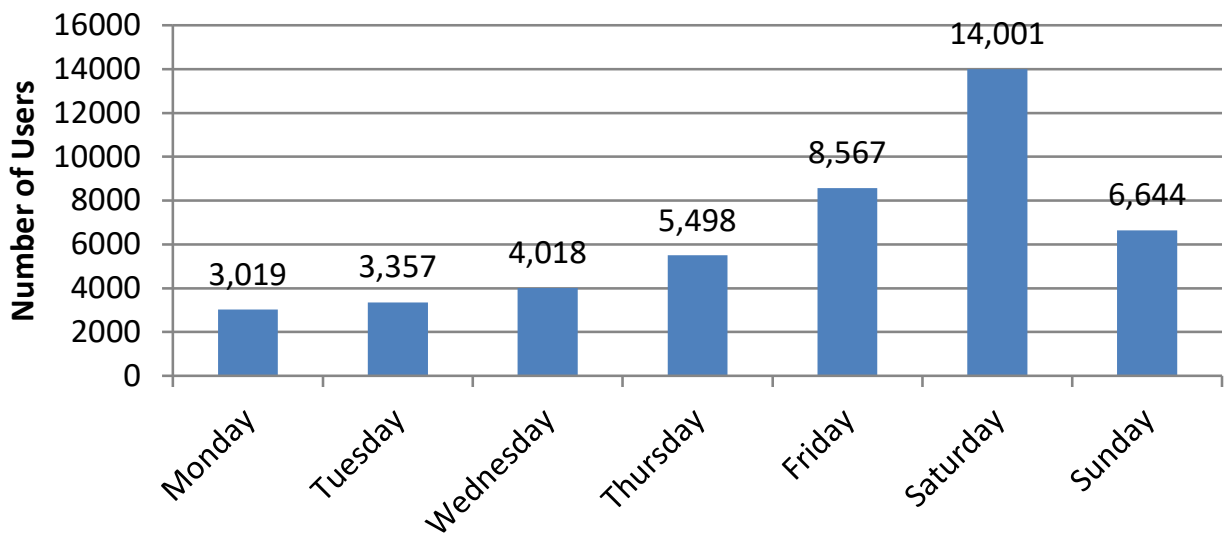


The third chart shows users/day.

Users/Day Coxe Ave. at Patton Ave.



Users/Day Patton Ave. at Biltmore Ave.



Notes

There have been two prior surveys performed at this location. The first survey was performed between Tuesday, December 2, 2014, 1:00 P.M. – Tuesday, December 9, 2014, 1:00 P.M. The second survey was performed Friday, May 29, 2015, 9:00 A.M. – Friday, June 5, 2015, 9:00 A.M. This survey was performed between 11/8 and 11/15/2023. The counter was placed on 11/7/2023 and retrieved on 11/15/2023.



Date	Minimum Temperature	Maximum Temperature	Average Temperature	Precipitation	Ave. Wind Speed
11/8/2023	43	77	59.1	0	3.1
11/9/2023	47	79	65.3	0	6.1
11/10/2023	49	65	54.7	0	7.3
11/11/2023	47	53	49.1	0.13	1.2
11/12/2023	40	61	50.8	0.02	2.8
11/13/2023	34	68	50.3	0	4.8
11/14/2023	44	64	52.5	0	4.5

<https://www.wunderground.com/history/monthly/us/nc/fletcher/KAVL/date/2023-11>