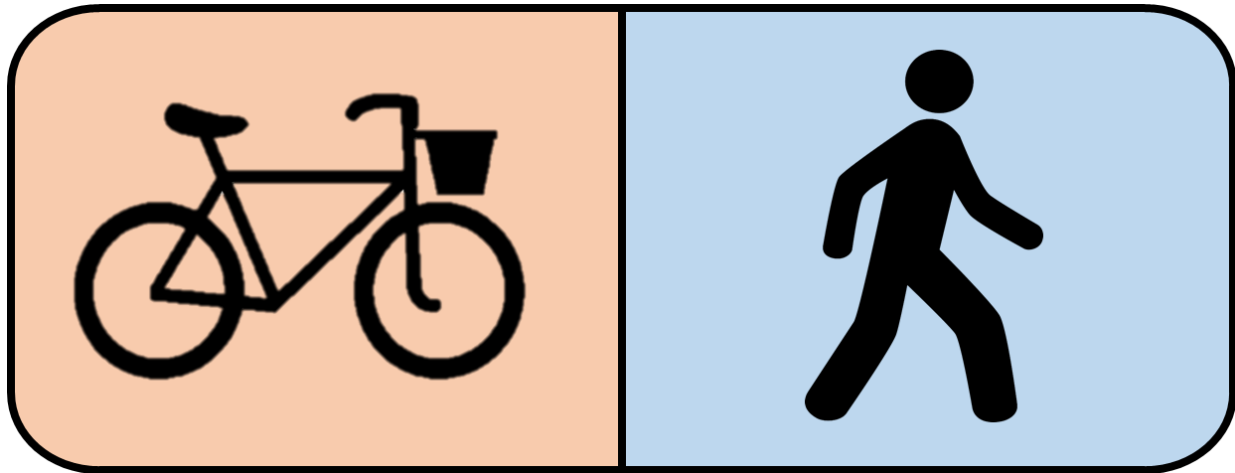


# Bicycle and Pedestrian Count Data Report



**NW Lincoln Ave at NW 27<sup>th</sup> Street**

**August 2022**

(Only bicycle counts collected at this location during reporting  
timeframe)

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## Background and Purpose

The purpose of this report is to provide an overview of bicycle count data collected by the Corvallis Area Metropolitan Planning Organization's (CAMPO) automated counter. Information about CAMPO's Bicycle and Pedestrian Count Program, including additional reports, can be found [HERE](#).

## Count Equipment

CAMPO owns and operates two mobile MULTI bicycle/ pedestrian counting units. Each counting unit is comprised of a pyro-box which utilizes passive infrared technology to detect the body heat of passing pedestrians and pneumatic tubes which capture air pulses generated by bicycles passing over them. Data is stored by the equipment and can be reviewed and analyzed by staff through a web platform.

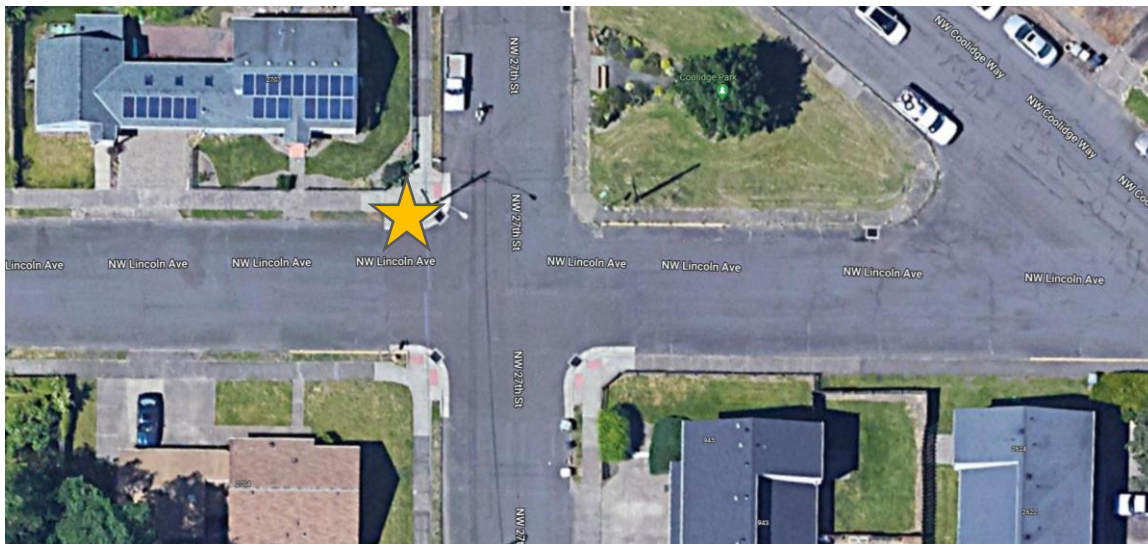
**Figure 1: Count Equipment Installed in the Field**



## Time Frame and Location

This report covers two weeks of counting on the NW Lincoln Avenue near the intersection of NW 27<sup>th</sup> Street. The reporting period covered in this document began on Tuesday, August 9, 2022 and ended Monday, August 22, 2022.

**Figure 2: Count Location**



## Other Notes

- Count equipment was attached to a street pole and tubes were extended across Lincoln Avenue just west of the intersection with NW 27<sup>th</sup> Street
- Corvallis Open Streets was held on Sunday, August 14<sup>th</sup> with the route passing along NW Polk Ave resulting in higher bicycle count numbers
- Count equipment has a difficult time collecting data when multiple bicycles pass the tubes at the same time, this likely resulted in undercounts at Corvallis Open Streets event
- No pedestrian counts were collected at this location

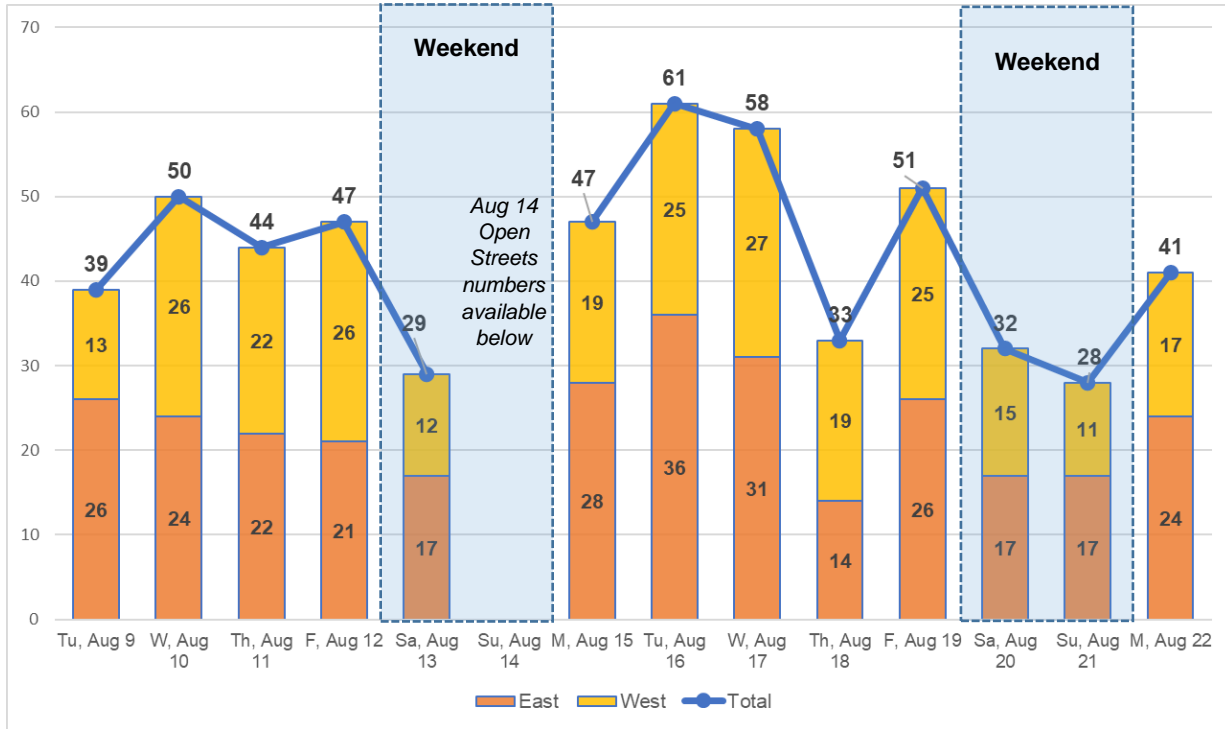
# Count Data

**Figure 3: Two Week Count Data**

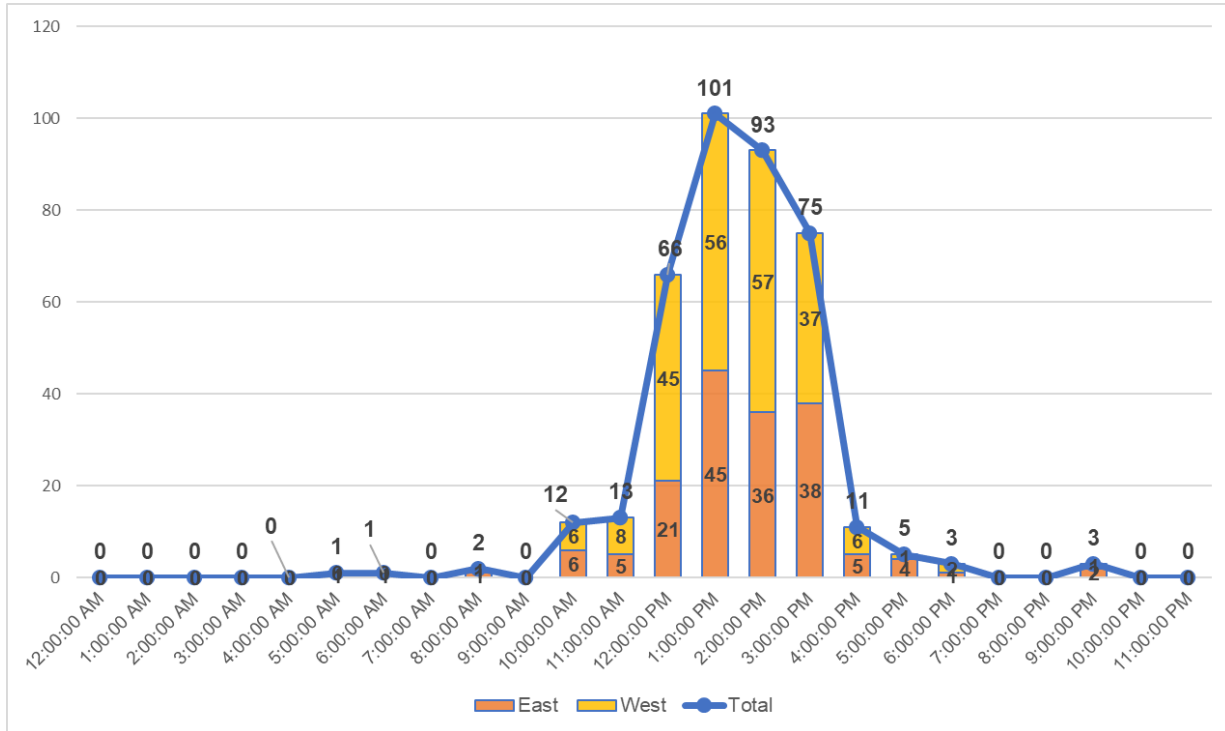
	Total	Total East Bound	Total West Bound	% East Bound	% West Bound	Daily Avg.
<b>People Biking (Open Streets)</b>	386	166	220	43.0%	57.0%	386
<b>People Biking (All Other Days)</b>	560	303	257	54.1%	45.9%	43
<b>People Biking (Total)</b>	946	469	477	49.6%	50.4%	68

*Note: Count equipment has a difficult time collecting data when multiple bicycles pass the tubes at the same time, this likely resulted in undercounts at Corvallis Open Streets event. Actual counts were likely higher than the 386 listed above.*

**Figure 4: Daily Bicycling Count Totals – August 9 through August 22**



**Figure 5: Hourly Bicycling Count –Sunday, August 14 (Corvallis Open Streets)**



**Figure 6: 15-Minute Bicycling Counts –Sunday, August 14 (Corvallis Open Streets)**

