

# 2013 Bicycle and Pedestrian Count Report

Counts located in: West Fargo, Fargo, Moorhead, Dilworth



Prepared by:



Fargo-Moorhead Metropolitan Council of Governments

November 20, 2013

# 2013 Bicycle and Pedestrian Count Report

## Introduction

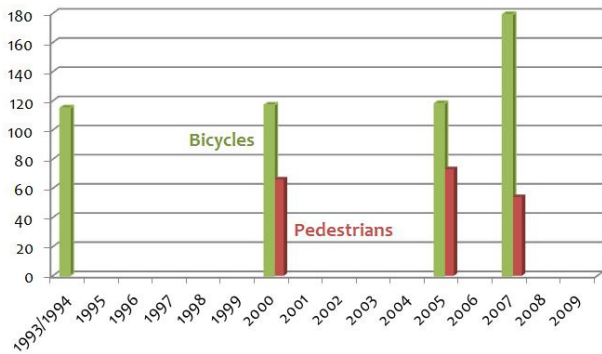
The Fargo-Moorhead Metropolitan Council of Governments (Metro COG) is the designated metropolitan planning organization for the Fargo-Moorhead metro area. A major responsibility of Metro COG's efforts is transportation planning which includes planning for bicycle and pedestrian facilities. Understanding the demand for bicycle and pedestrian facilities allows local member units of government and Metro COG to plan for future bicycle and pedestrian use in the area. This report details the counts taken in the Fall of 2013. Counts were taken at 34 locations around the metropolitan area.

## Historic Counts

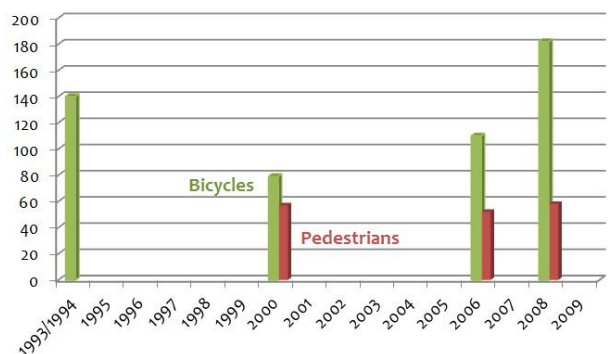
Metro COG has conducted bicycle and pedestrian counts since 1993. Historic counts were conducted in the years of 1993, 1994, 2000, and 2004—2009. These counts were conducted in the summers with the exception of year 2005 which were conducted in the fall. These historic counts suggested that there were a larger number of users in the summer than in the fall. For additional information on historic counts, please refer to Metro COG's 2011 Fargo-Moorhead Bicycle and Pedestrian Plan.

Below are historic counts taken between 1993 and 2009. The counts suggest a slight increase in bicycle activity and a slight decrease in pedestrian activity. Due to the difference in the time of year and the time of day, the historic counts are not compared to the counts taken in 2013.

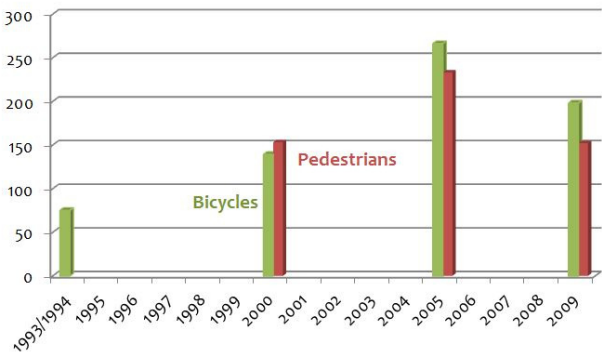
9th St underpass (I-94), Fargo



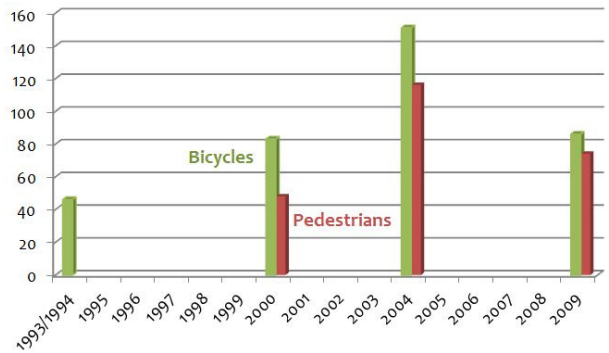
13th Ave S near Gateway Dr, Fargo



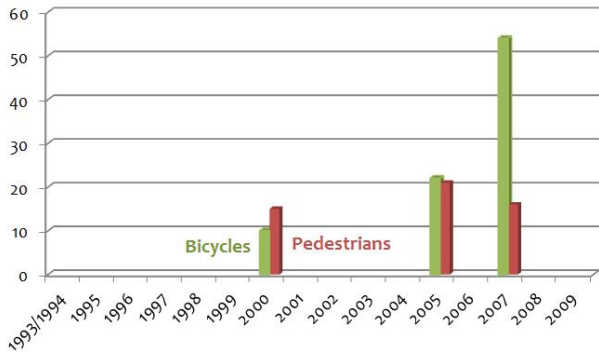
Mikelson Trail near 9th Ave N, Fargo



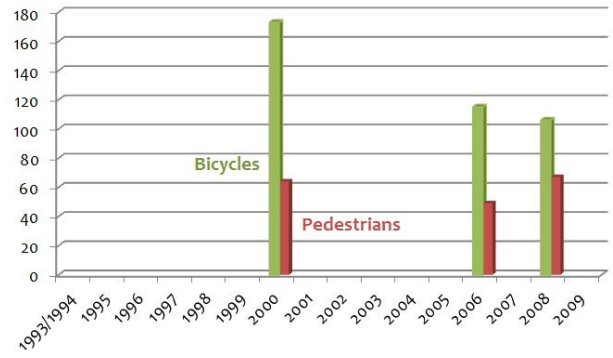
Milwaukee Trail south of 32nd Ave S, Fargo



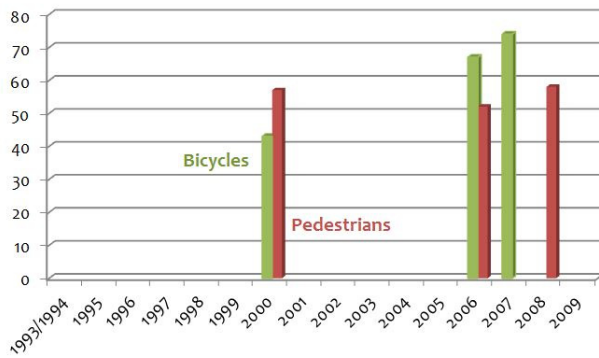
**Lindenwood / Gooseberry Park Bridge**



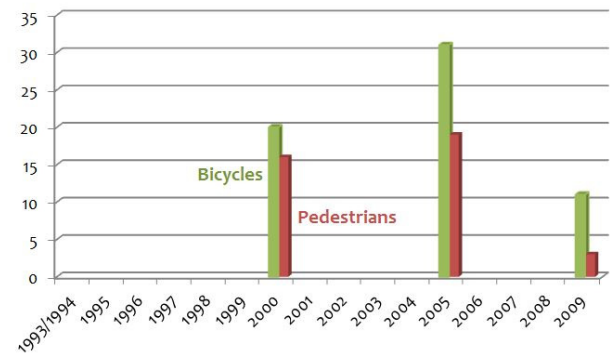
**Oak Grove / Memorial Park Bridge**



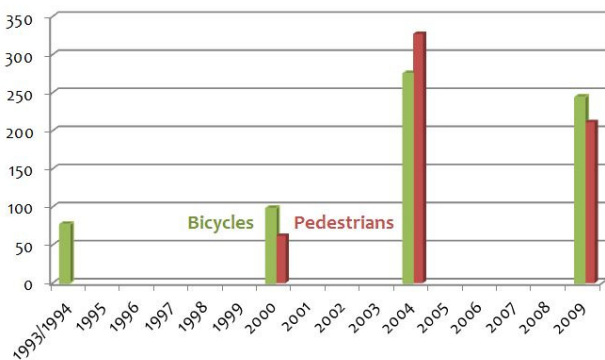
**20th St at 12th Ave S, Moorhead**



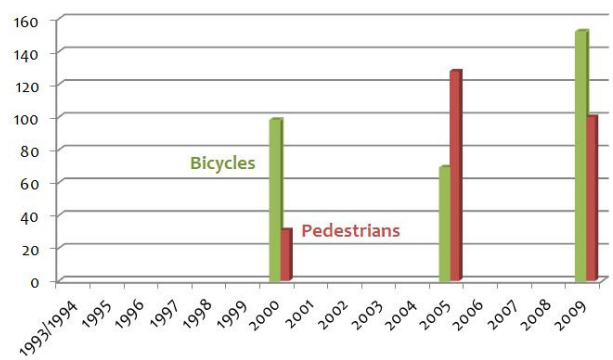
**Belsley Blvd at 8th St, Moorhead**



**Hwy 10 path near Kmart, Moorhead**



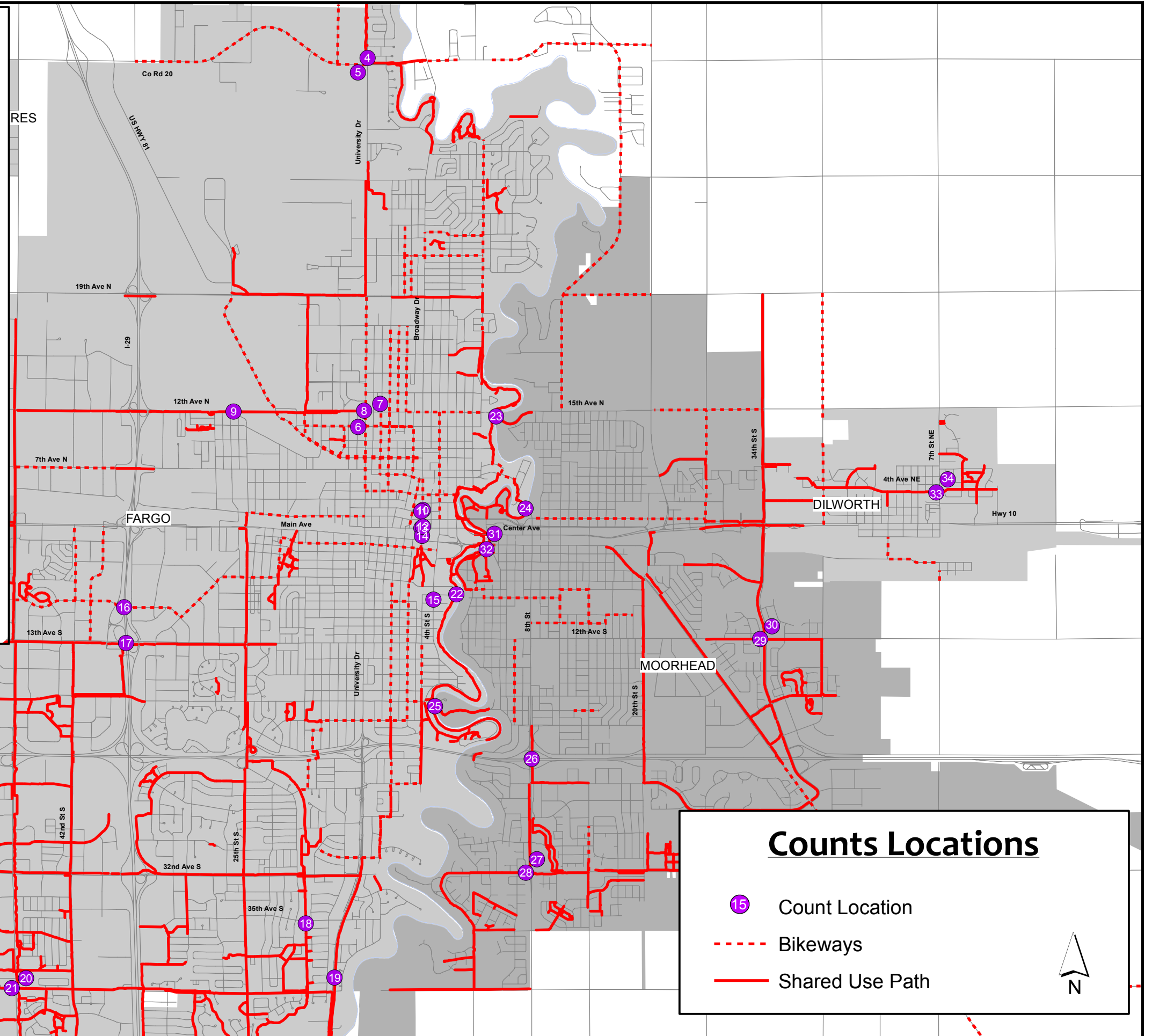
**SE Main at Oak Way, Moorhead**






**2013 Count Locations**

Guidance for year 2013 counts was provided by The National Bicycle and Pedestrian Documentation Project. The Project recommended one count location for every 15,000 people in a metro area. Fargo-Moorhead’s metro population is roughly 210,000 therefore 14 count locations are recommended. The 2013 counts were conducted at 34 locations. These locations were in the cities of West Fargo, Fargo, Moorhead, and Dilworth. The National Bicycle and Pedestrian Documentation Project recommends counting a variety of locations to represent all types of users. These locations can include: high-pedestrian/bicycle usage areas (downtowns, near schools, parks, etc.), corridors with future improvements, gaps and pinch points for bikes/peds, and locations with high number of bike/ped collisions. Metro COG’s 2013 count locations were selected based on this criteria. Many counts were conducted at intersections, which provided the opportunity to collect counts for both corridors which converged at the intersection. The following map shows the locations which were counted in 2013.

- Trail just south of Rendezvous Park, West Fargo
- 9th St E at 17th Ave S, West Fargo
- 17th Ave S at 9th St E, West Fargo
- County Road 20 at Univeristy Dr, Fargo
- University Dr at County Road 20, Fargo
- 12th Ave N at University Dr, Fargo
- University Dr at 12th Ave N, Fargo
- NDSU Gate (NW corner of 12th Ave N & Univ Dr), Fargo
- 12th Ave N Bridge over rail yard (just east of 29th St), Fargo
- Broadway at 2nd Ave N, Fargo
- 2nd Ave N at Broadway, Fargo
- Broadway at NP Ave, Fargo
- NP Ave at Broadway, Fargo
- Broadway at Main Ave railroad tracks, Fargo
- 4th St between 7th Ave S & 8th Ave S, Fargo
- 9th Ave S under I-29, Fargo
- 13th Ave S under I-29, Fargo
- Milwaukee Trail just south of 35th Ave S, Fargo
- University Dr between 38th Ave S and 40th Ave S, Fargo
- 45th St at 40th Ave S, Fargo
- 40th Ave S at 45th St, Fargo
- Red River Trail near 7th Ave S, Fargo
- 12th Ave N / 15th Ave N Toll Bridge, Fargo/Moorhead
- Oak Grove / Memorial Park Bridge, Fargo/Moorhead
- Lindenwood / Gooseberry Park Bridge, Fargo/Moorhead
- 8th St (Hwy 75) over I-94, Moorhead
- 8th St (Hwy 75) at 40th Ave S, Moorhead
- 40th Ave S at 8th St, Moorhead
- 12th Ave S at 34th St, Moorhead
- 34th St at 12th Ave S, Moorhead
- 4th St at Center Ave, Moorhead
- Center Ave at 4th St, Moorhead
- 4th Ave NE at 7th St NE, Dilworth
- 7th St NE at 4th Ave NE, Dilworth



## Counts Locations

-  Count Location
-  Bikeways
-  Shared Use Path



## 2013 Count Dates and Times

According to The National Bicycle and Pedestrian Documentation Project, September 10–15 is the nationwide count week for the year 2013. The rationale for the count date in mid-September is because it represents a peak period for walking and bicycling both work- and school-related. Weather conditions across the country are relatively conducive, schools have been underway for several weeks, and people have returned from vacations and are back to work.

The majority Metro COG's 2013 counts were gathered the week of September 16–19 rather than September 10–15. This was because of scheduling conflicts and prior work commitments. Below are the dates of the counts that were gathered. Most days had favorable weather for biking and walking however one day was 65 degrees, cloudy and windy which may have yielded lower than normal counts.

- Monday September 16 (68 deg, sunny) — 4 counts
- Tuesday September 17 (65 deg, cloudy/windy) — 15 counts
- Wednesday September 18 (78 deg, partly cloudy) — 13 counts
- Thursday September 19 (70 deg, partly cloudy) — 9 counts
- Wednesday September 25 (70 deg, partly cloudy) — 2 counts
- Thursday September 26 (75 deg, partly cloudy) — 2 counts

For 11 of the 34 locations, 2 days of count data were gathered. For these locations, the 2 days' data was averaged.

All counts were gathered from 3 pm and 7 pm.

## 2013 Count Resources

A variety of resources were utilized to make the 2013 counts successful. The following are the resources used for the 2013 counts:

- Three City of Fargo traffic surveillance cameras (PTZ cameras) were used to record three locations which were later counted by City of Fargo staff.
- All five of Metro COG's portable traffic cameras were used to record 17 locations. The recorded video was counted by Metro COG staff.
- Metro COG staff counted five locations on-site
- Three volunteers counted six locations on-site

## 2013 Count Methodology

Counts were gathered at a variety of locations. These include trails, roadway segments, and roadway intersections. Counts taken along any roadways or at roadway intersections counted bikes on the street and sidewalk/path. When counting at intersections, the bike/pedestrian was categorized on the intersection approach from which he/she entered the intersection. For example, when counting at the intersection of 45th St and 40th Ave S, if a cyclist was traveling along the path on 40th Ave S and turns onto 45th St, we would count that cyclist as traveling on the 40th Ave S path since that is the roadway in which he entered the intersection.

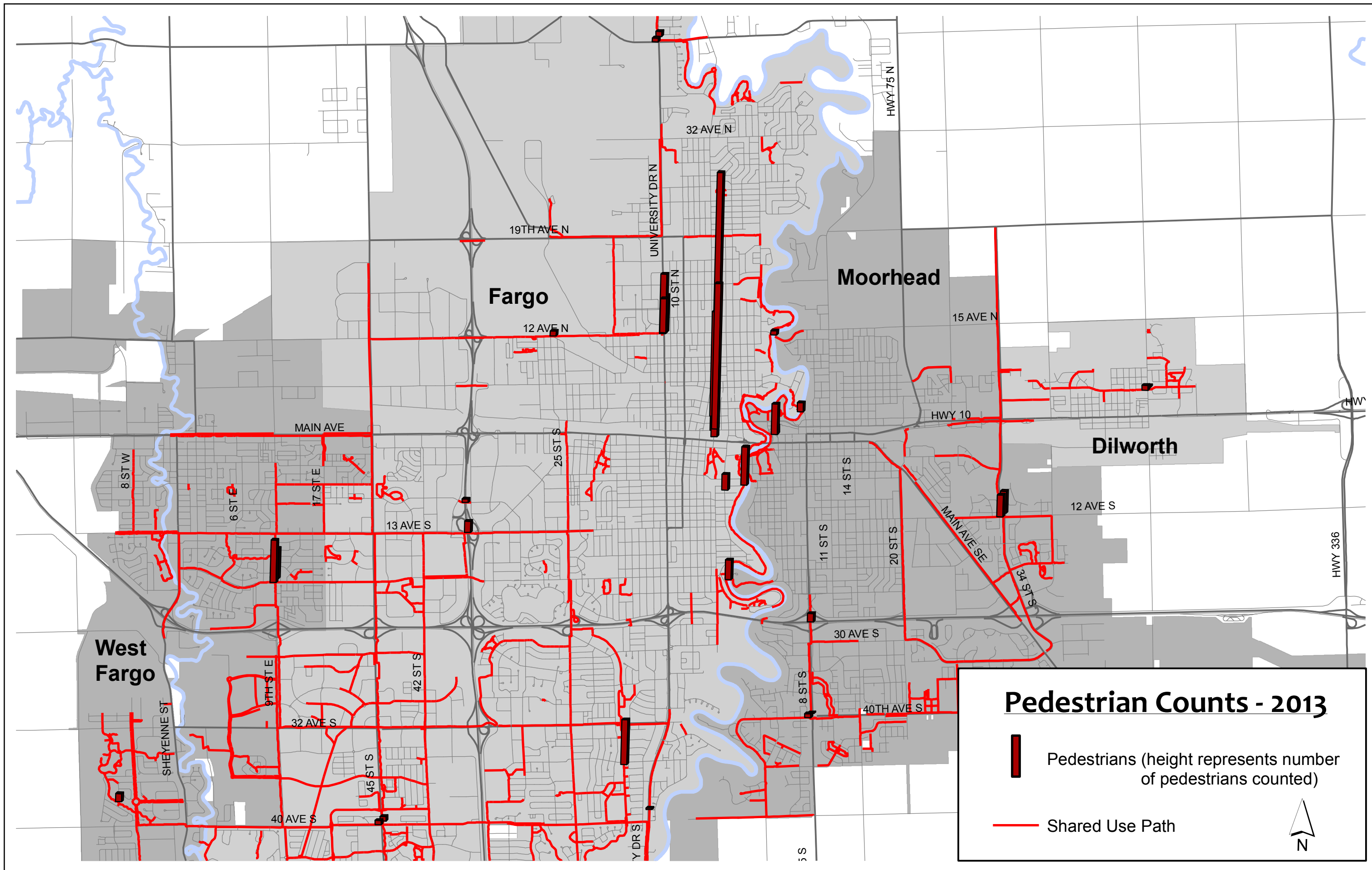
Bicycles were considered the following: bicycles, tricycles. Pedestrians were considered the following: walkers, runners, skateboarders, in-line skaters, children in strollers, wheel chairs, and any other form of non-motorized travel besides bicycles/tricycles.

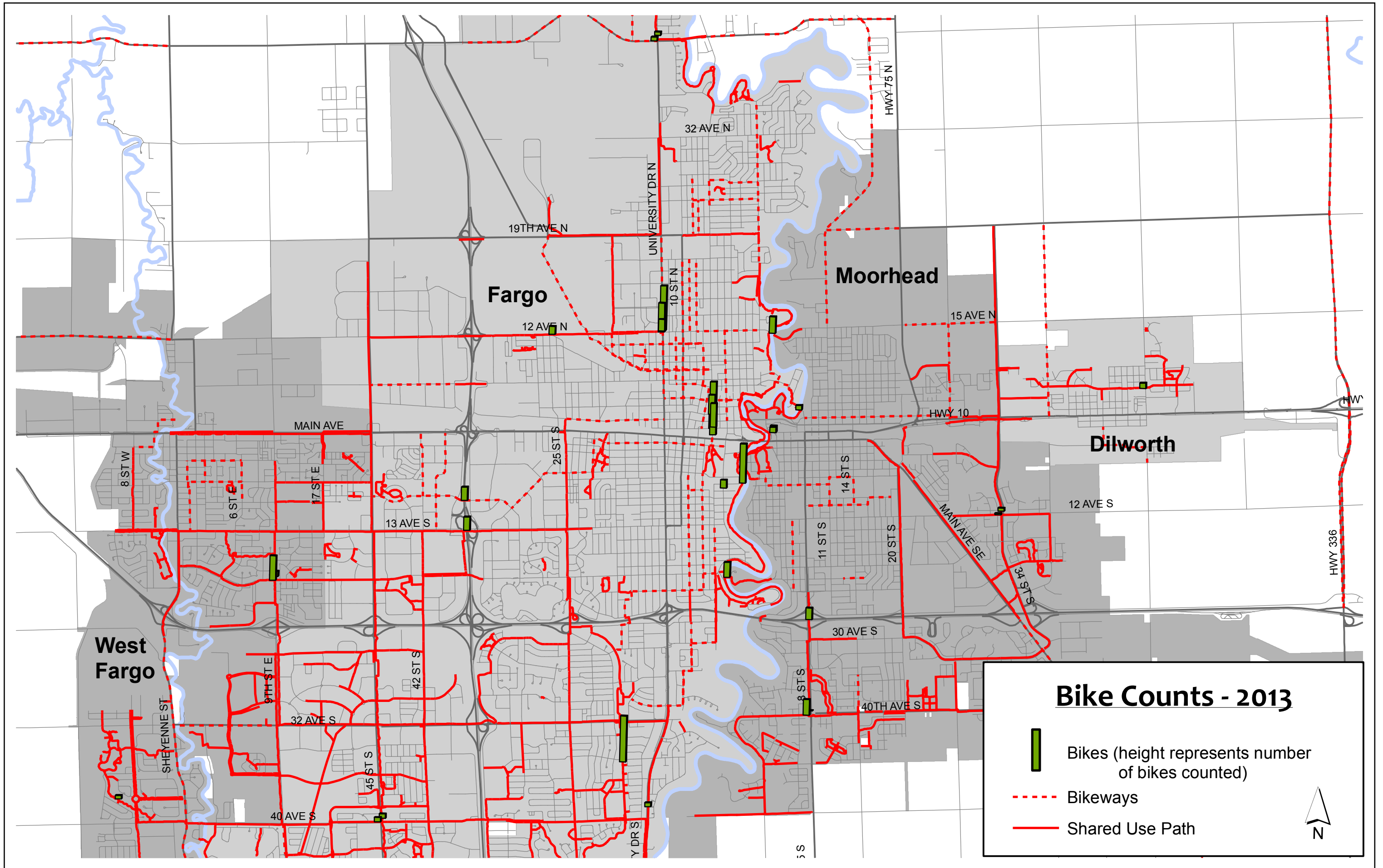
Also, if there were multiple people on a bicycle, such as a child trailer or tandem bike, the number of people were counted rather than the bicycle.

## 2013 Count Results

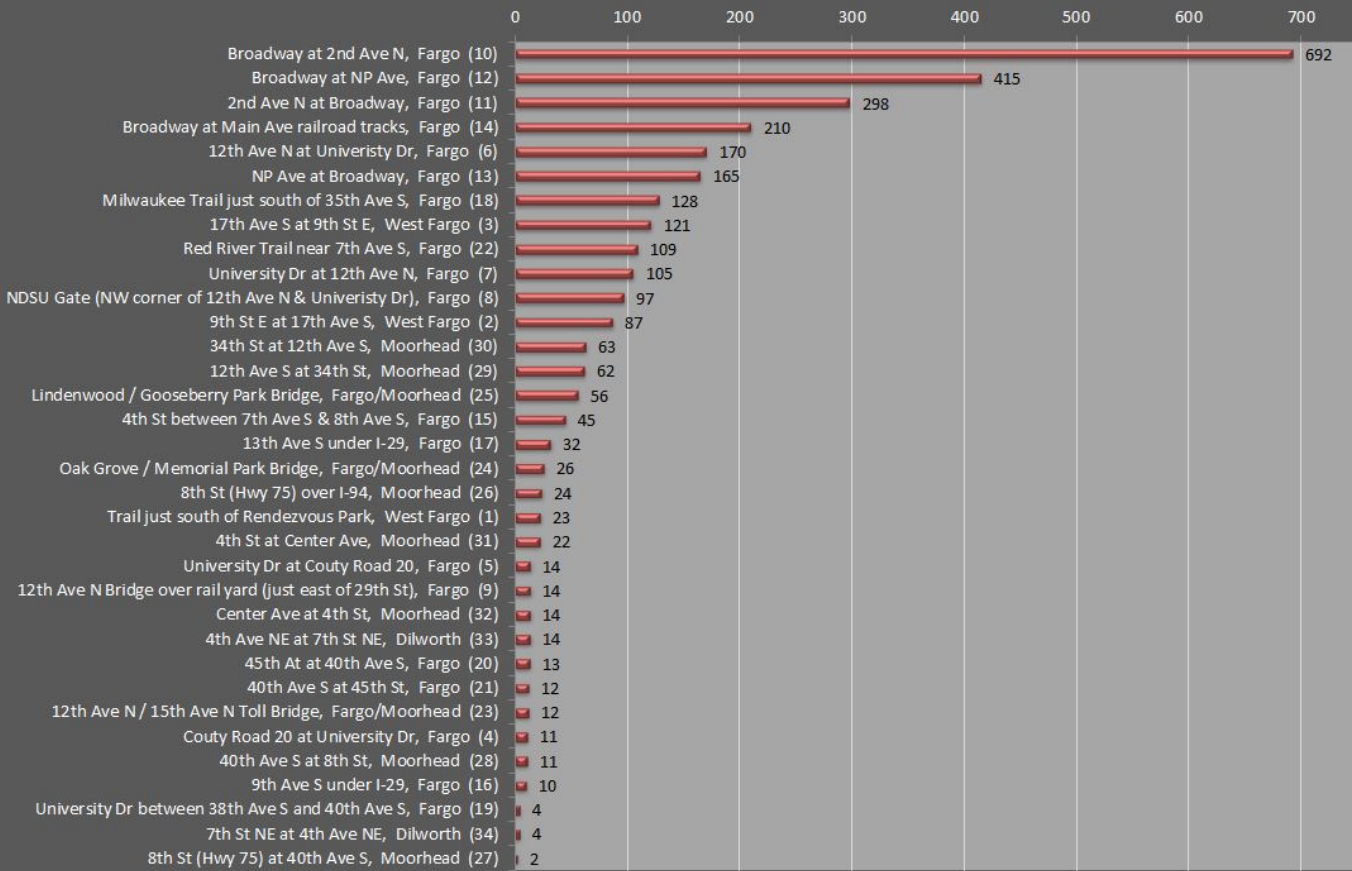
The following pages show the results of Metro COG's 2013 bicycle and pedestrian counts:



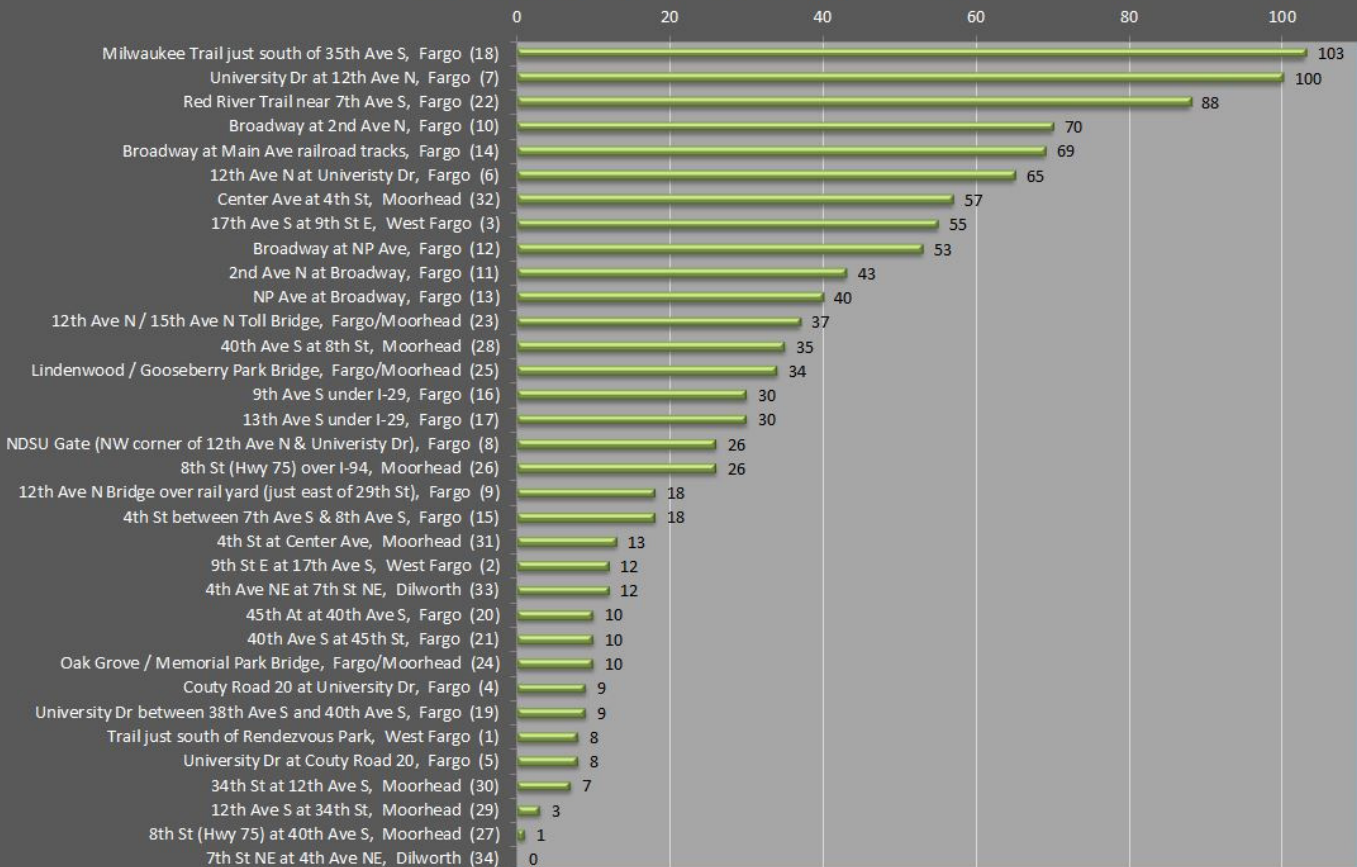




## Number of Pedestrians between 3pm - 7pm

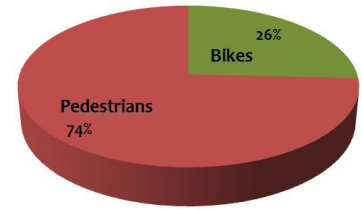
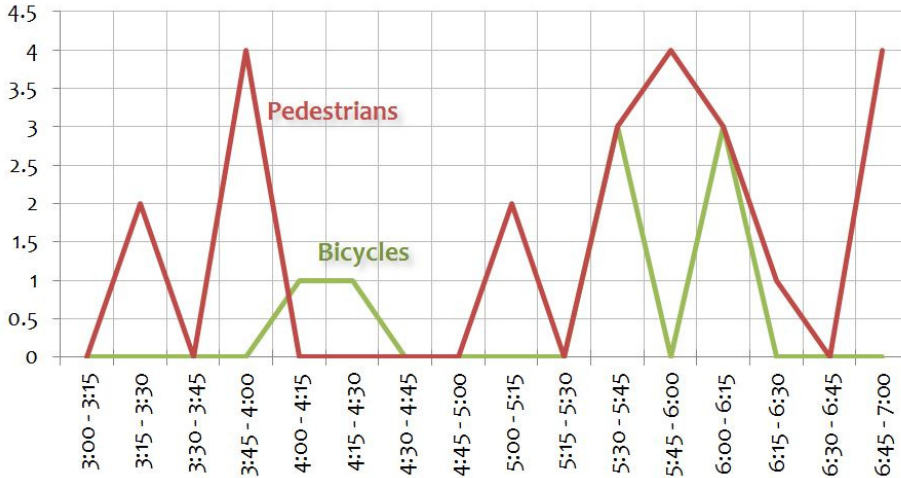


## Number of Bicycles between 3pm - 7pm



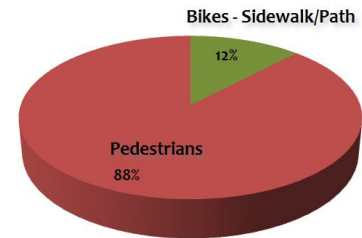
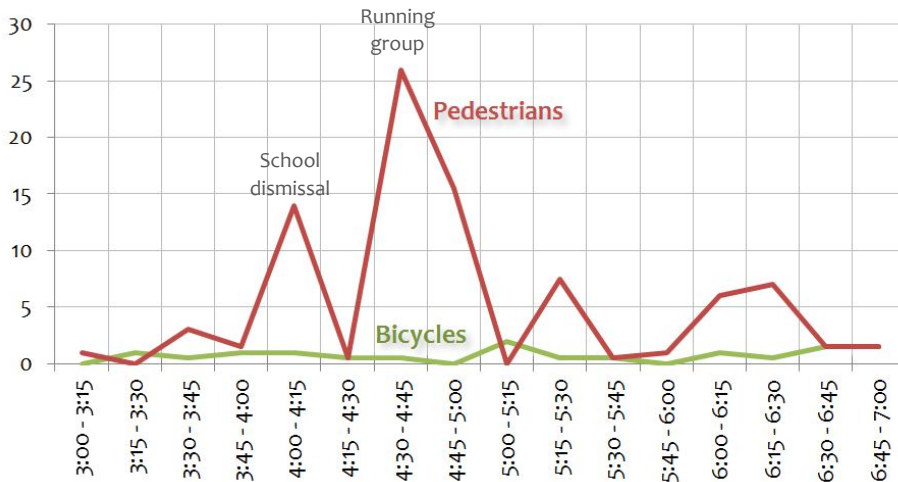


**1. Trail just south of Rendezvous Park,  
West Fargo**



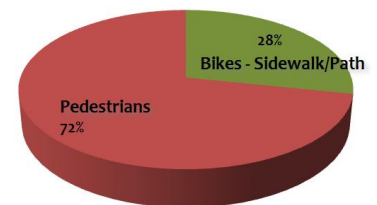
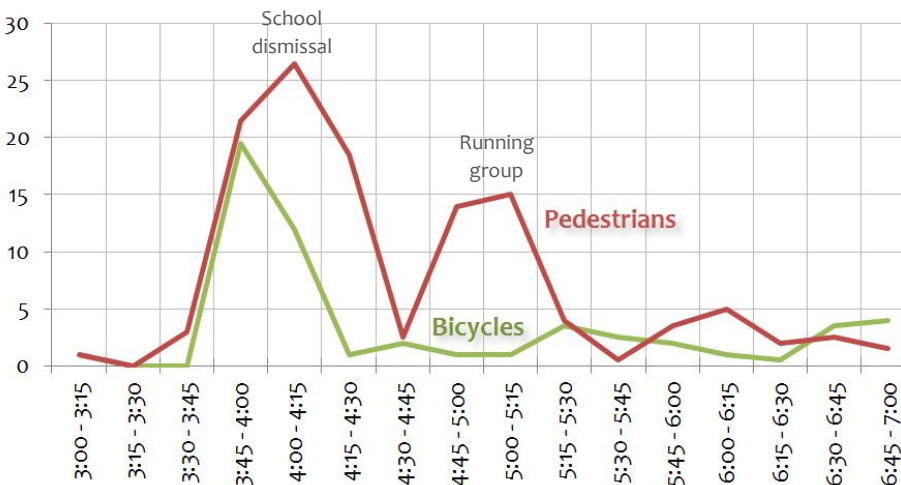
Days of data: 1  
 Counts taken: Wednesday 9-18-13  
 Weather: 78 degrees, partly cloudy

**2. 9th St E at 17th Ave S,  
West Fargo**



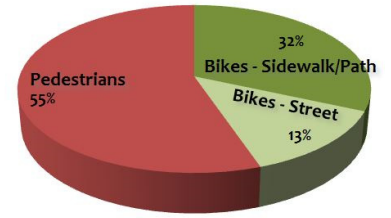
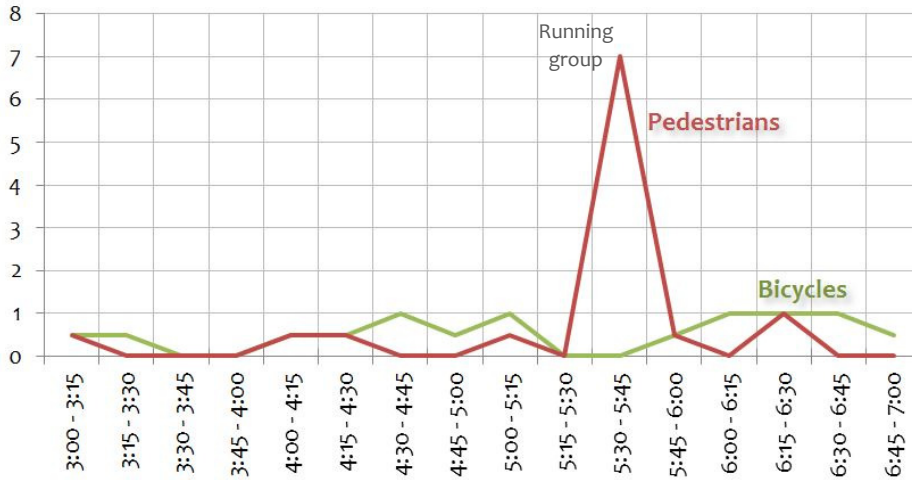
Days of data: 2  
 Counts taken: Wed 9-18-13 & Thurs 9-19-13  
 Weather: 78, partly cloudy / 70, partly cloudy

**3. 17th Ave S at 9th St E,  
West Fargo**



Days of data: 2  
 Counts taken: Wed 9-18-13 & Thurs 9-19-13  
 Weather: 78, partly cloudy / 70, partly cloudy

#### 4. County Road 20 at University Dr, Fargo

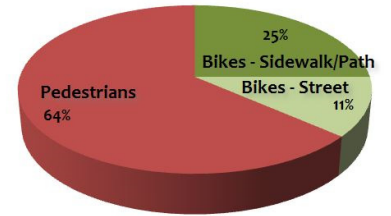
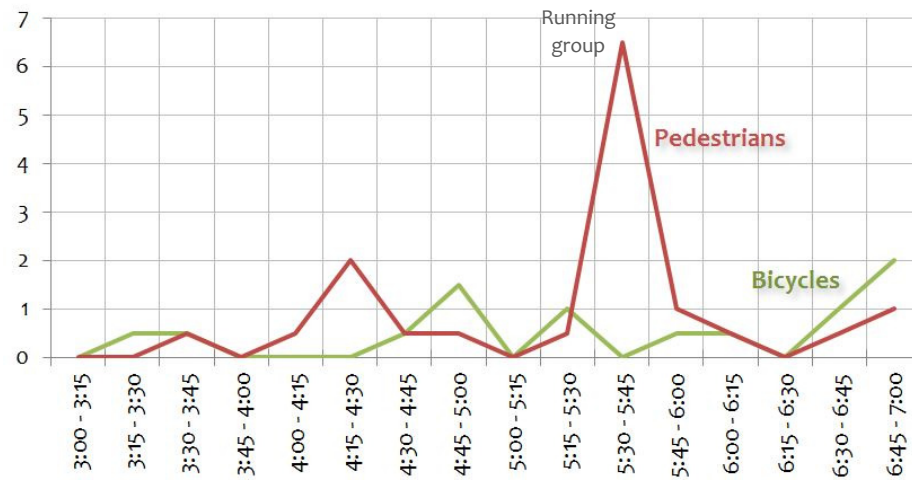


Days of data: 2

Counts taken: Wed 9-18-13 & Th 9-19-13

Weather: 78, partly cloudy / 70, partly cloudy

#### 5. University Dr at County Road 20, Fargo

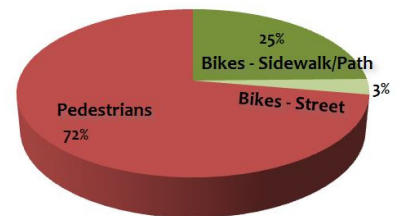
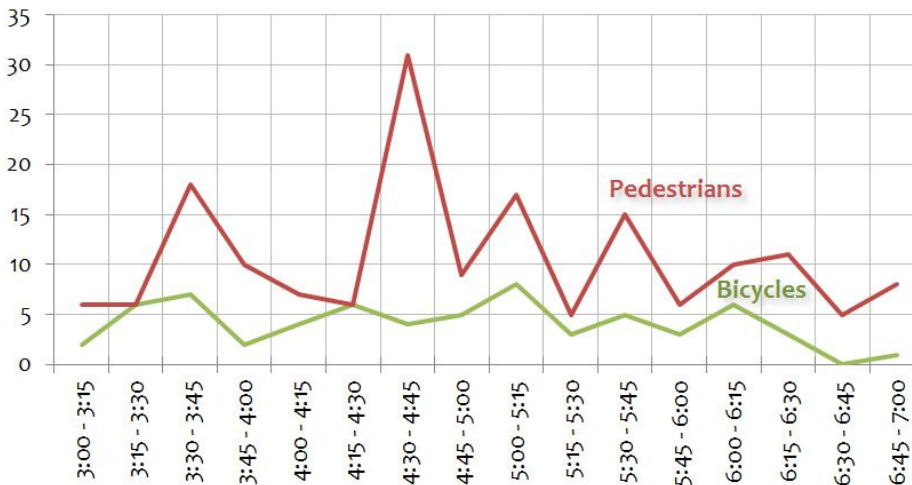


Days of data: 2

Counts taken: Wed 9-18-13 & Thurs 9-19-13

Weather: 78, partly cloudy / 70, partly cloudy

#### 6. 12th Ave N at University Dr, Fargo

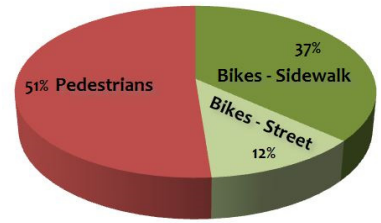
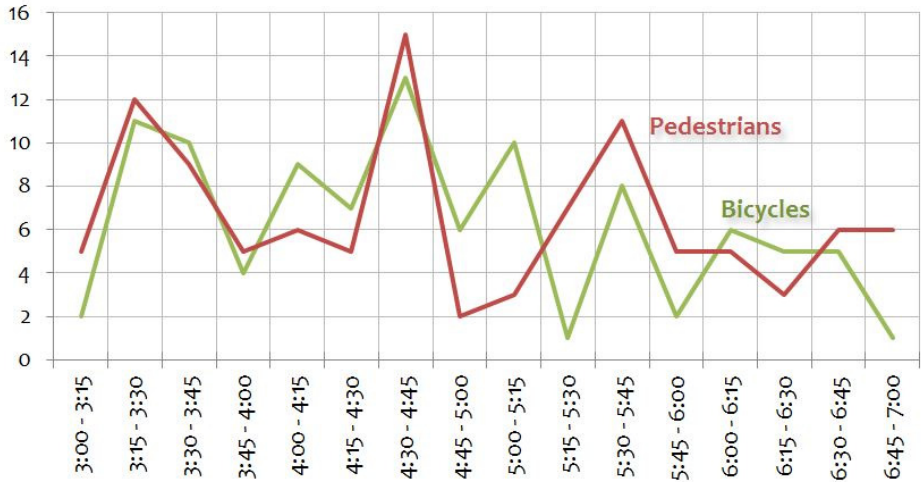


Days of data: 1

Counts taken: Thurs 9-19-13

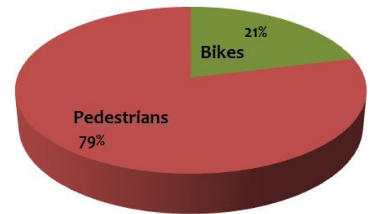
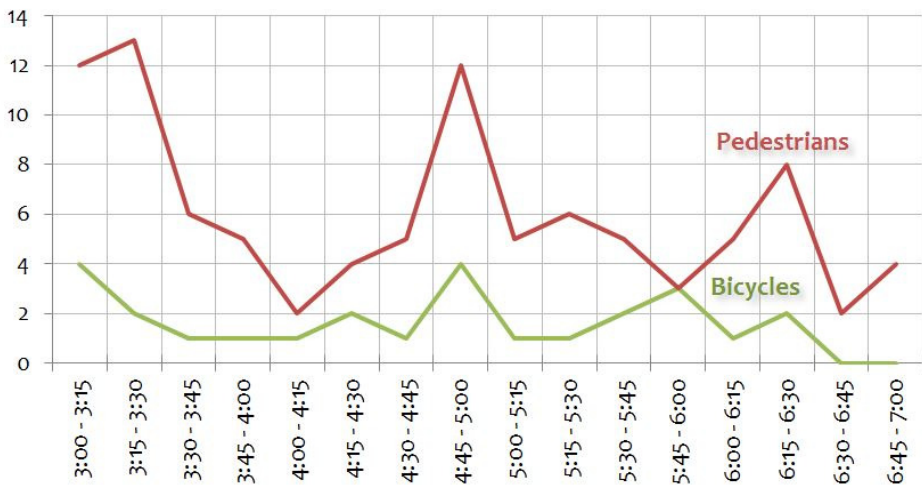
Weather: 70, partly cloudy

**7. University Dr at 12th Ave N,  
Fargo**



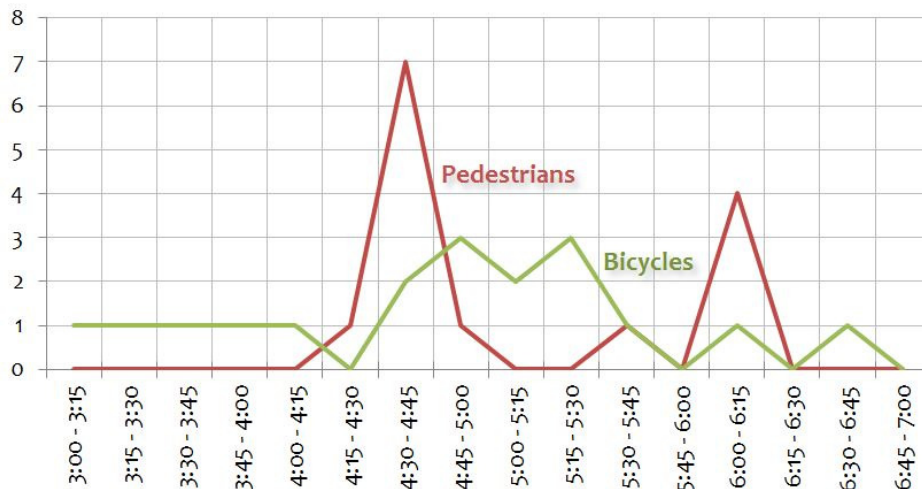
Days of data: 1  
 Counts taken: Thurs 9-19-13  
 Weather: 70, partly cloudy

**8. NDSU Gate ( NW corner of 12th Ave N & University Dr),  
Fargo**



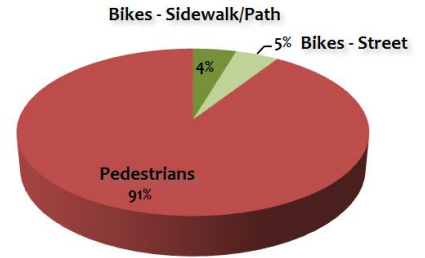
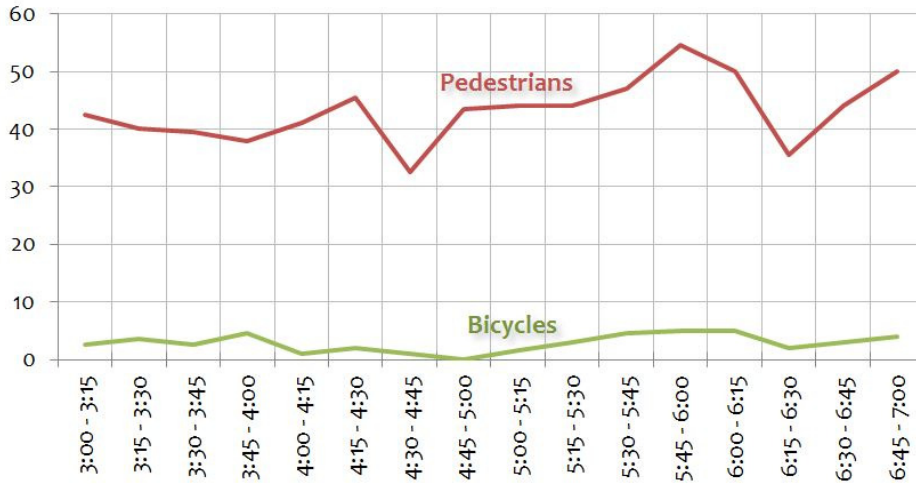
Days of data: 1  
 Counts taken: Thurs 9-19-13  
 Weather: 70, partly cloudy

**9. 12th Ave N Bridge over rail yard (just east of 29th St),  
Fargo**



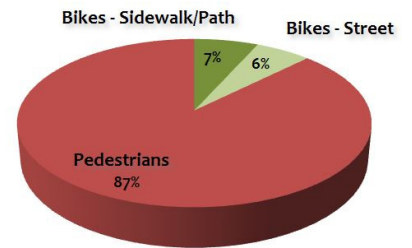
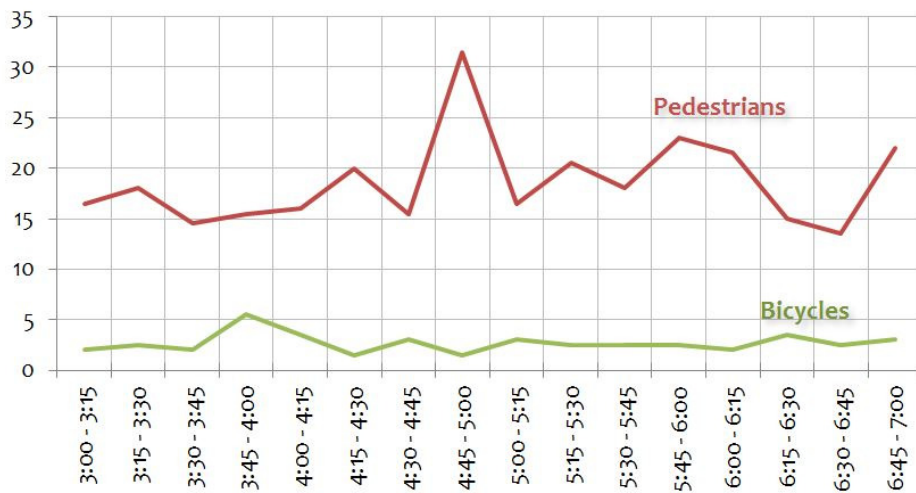
Days of data: 1  
 Counts taken: Thurs 9-19-13  
 Weather: 70, partly cloudy

**10. Broadway at 2nd Ave N,  
Fargo**



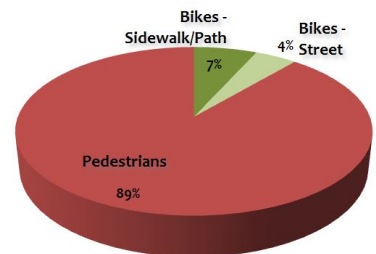
Days of data: 2  
 Counts taken: Wed 9-25-13, Thur 9-26-13  
 Weather: 70, partly cloudy / 75, partly cloudy

**11. 2nd Ave N at Broadway,  
Fargo**



Days of data: 2  
 Counts taken: Wed 9-25-13, Thur 9-26-13  
 Weather: 70, partly cloudy / 75, partly cloudy

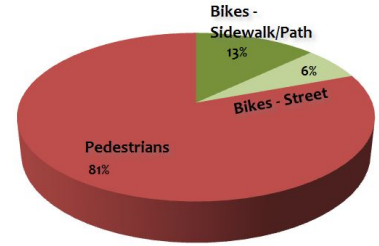
**12. Broadway at NP Ave,  
Fargo**



Days of data: 2  
 Counts taken: Mon 9-16-13, Tues 9-17-13  
 Weather: 68, sunny / 65, cloudy, windy

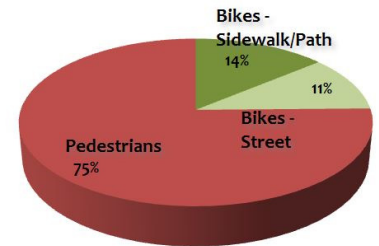
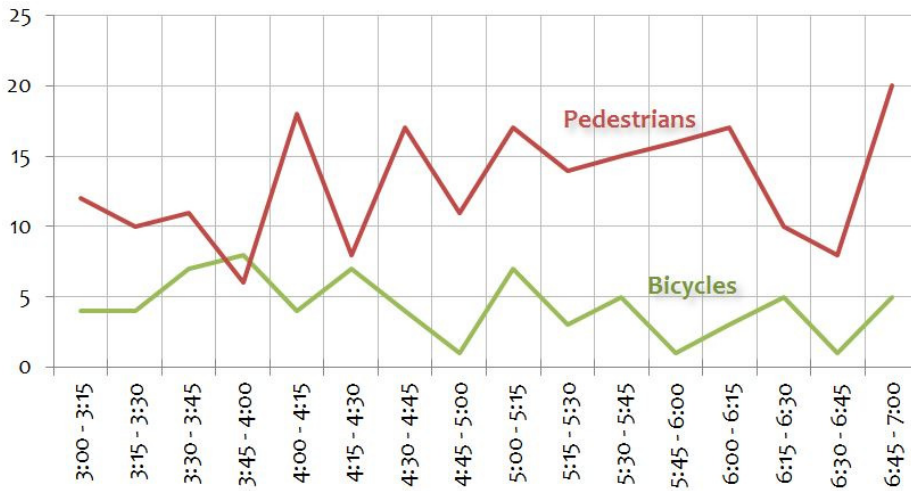


**13. NP Ave at Broadway,  
Fargo**



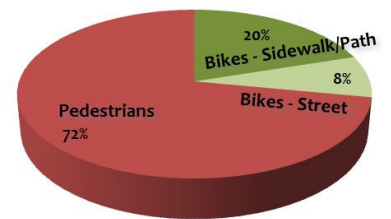
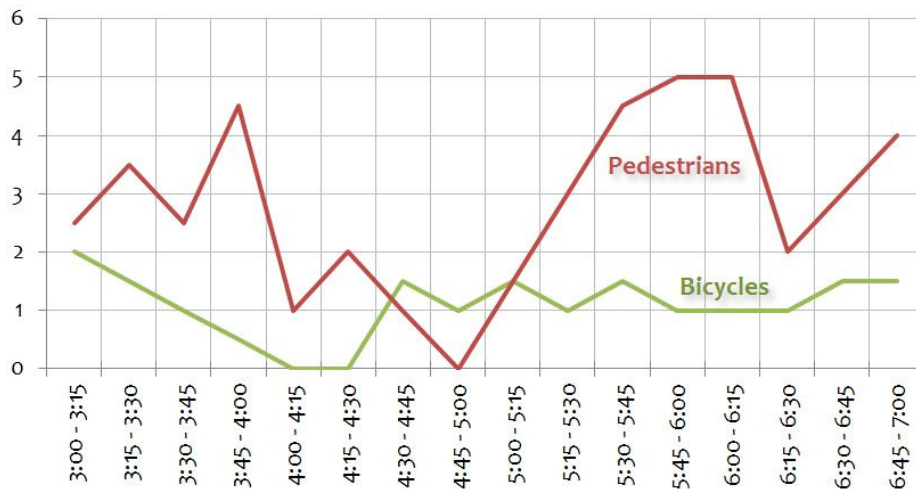
Days of data: 2  
 Counts taken: Mon 9-16-13, Tues 9-17-13  
 Weather: 68, sunny / 65, cloudy, windy

**14. Broadway at Main Ave railroad tracks,  
Fargo**



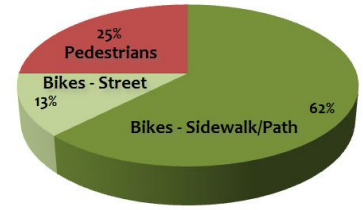
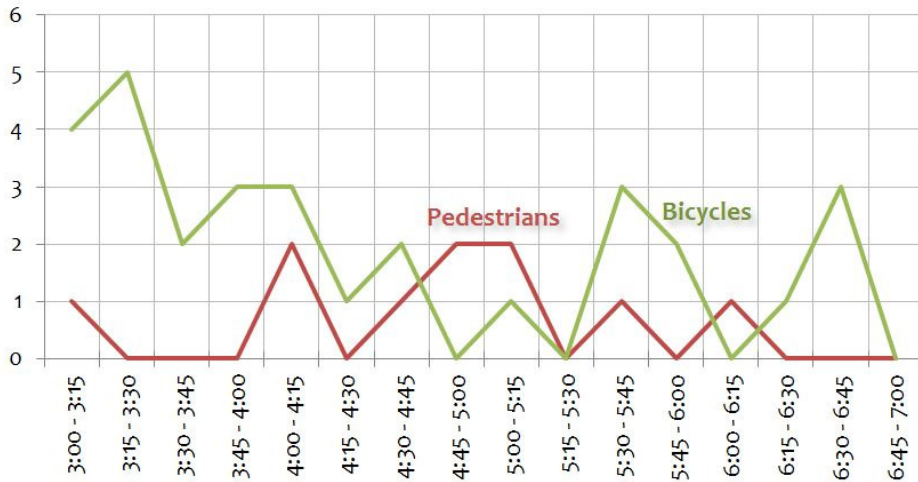
Days of data: 1  
 Counts taken: Wed 9-18-13  
 Weather: 78, partly cloudy

**15. 4th St between 7th Ave S & 8th Ave S,  
Fargo**



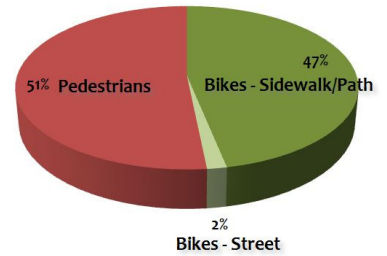
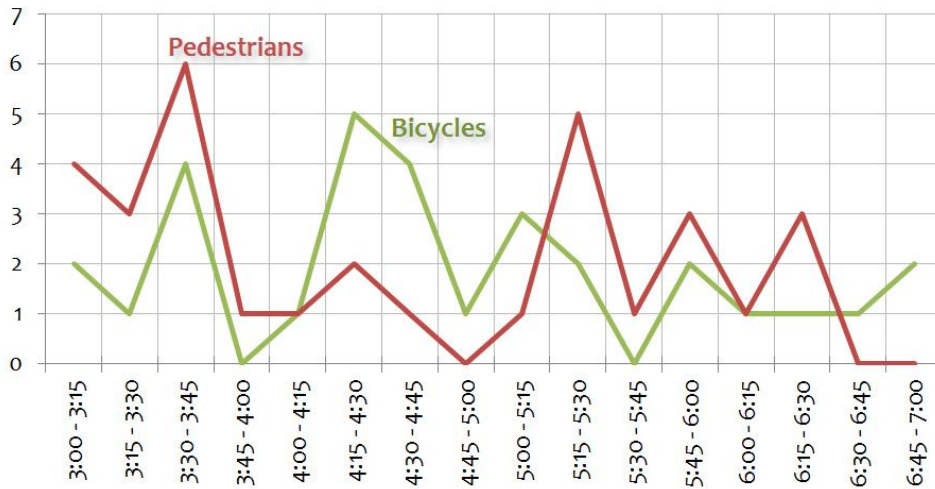
Days of data: 2  
 Counts taken: Tues 9-17-13, Wed 9-18-13  
 Weather: 65, cloudy, windy / 78, partly cloudy

**16. 9th Ave S under I-29,  
Fargo**



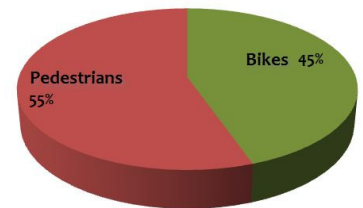
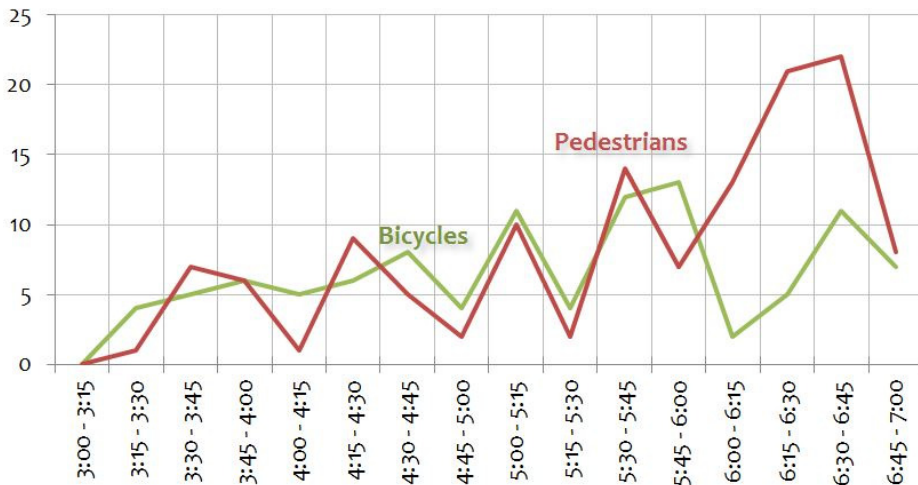
Days of data: 1  
 Counts taken: Wed 9-18-13  
 Weather: 78, Partly cloudy

**17. 13th Ave S under I-29,  
Fargo**



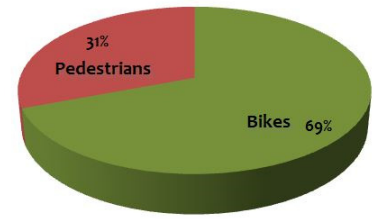
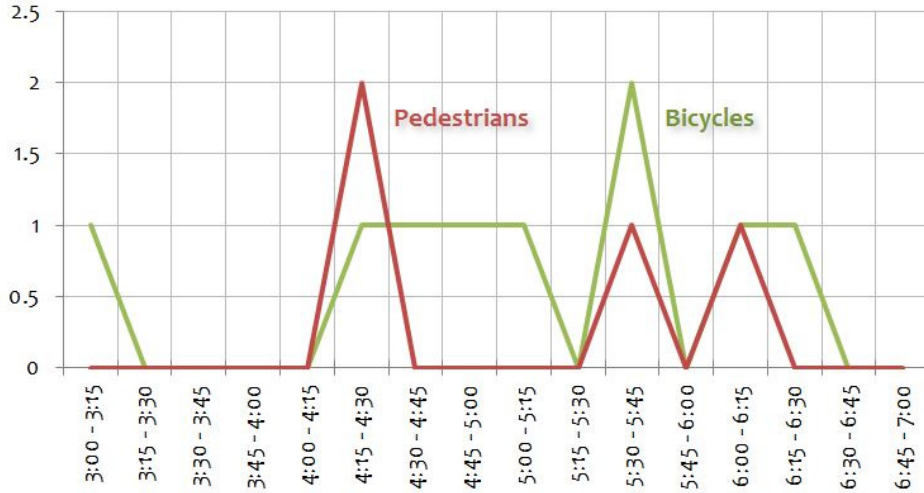
Days of data: 1  
 Counts taken: Thurs 9-19-13  
 Weather: 70, partly cloudy

**18. Milwaukee Trail just south of 35th Ave S,  
Fargo**



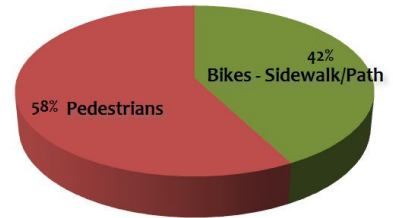
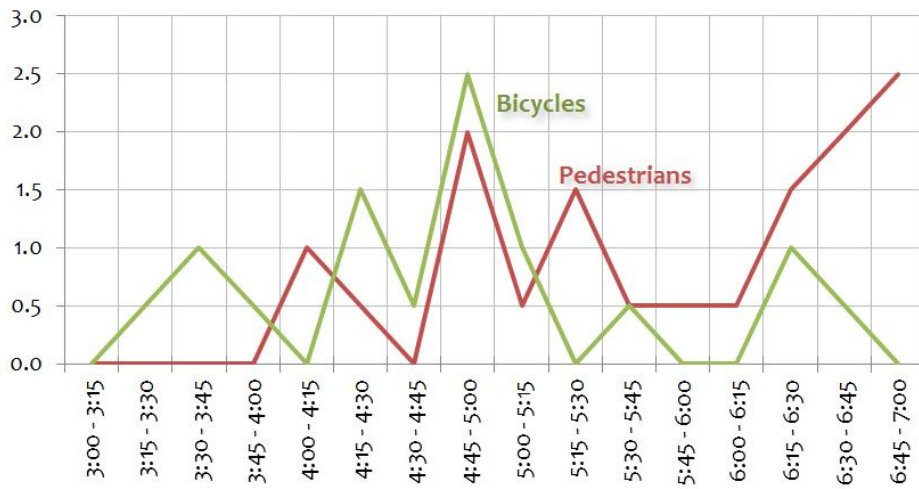
Days of data: 1  
 Counts taken: Wed 9-18-13  
 Weather: 78, partly cloudy

**19. University Dr between 38th Ave S and 40th Ave S,  
Fargo**



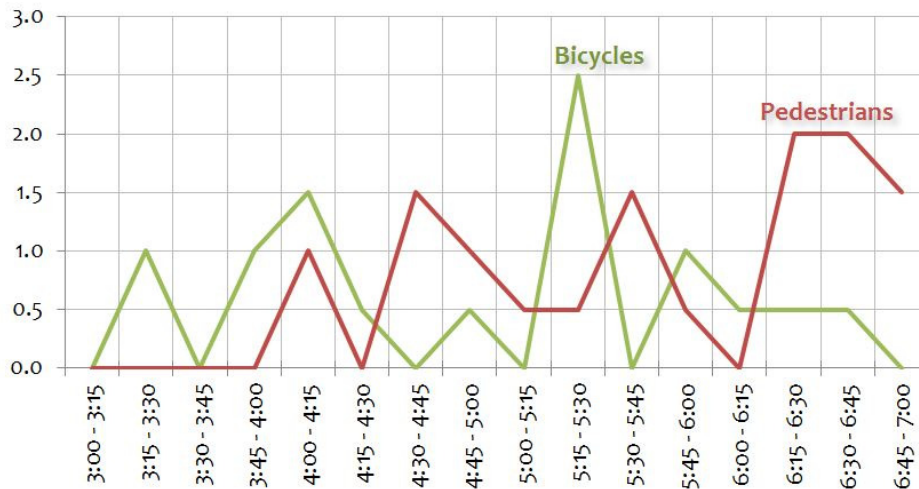
Days of data: 1  
 Counts taken: Tues 9-17-13  
 Weather: 65, windy/cloudy

**20. 45th St at 40th Ave S,  
Fargo**



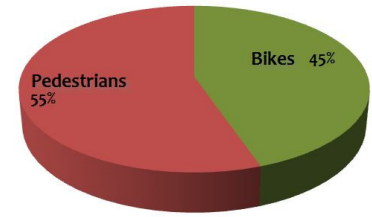
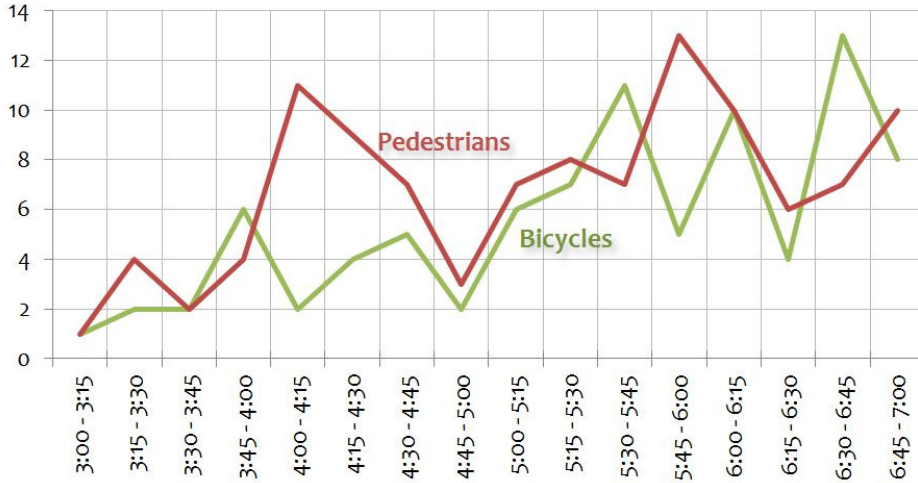
Days of data: 2  
 Counts taken: Mon 9-16-13, Tues 9-17-13  
 Weather: 68, sunny / 65, cloudy, windy

**21. 40th Ave S at 45th St,  
Fargo**



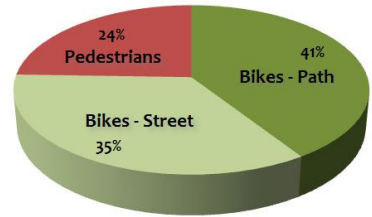
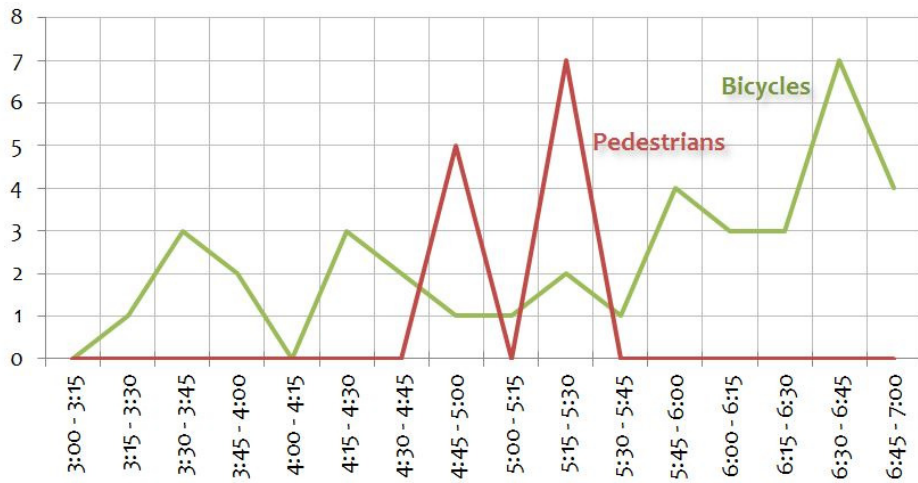
Days of data: 2  
 Counts taken: Mon 9-16-13, Tues 9-17-13  
 Weather: 68, sunny / 65, cloudy, windy

**22. Red River Trail near 7th Ave S,  
Fargo**



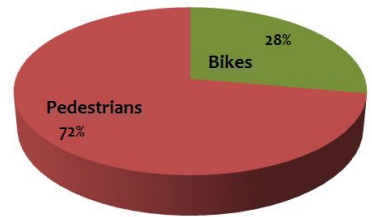
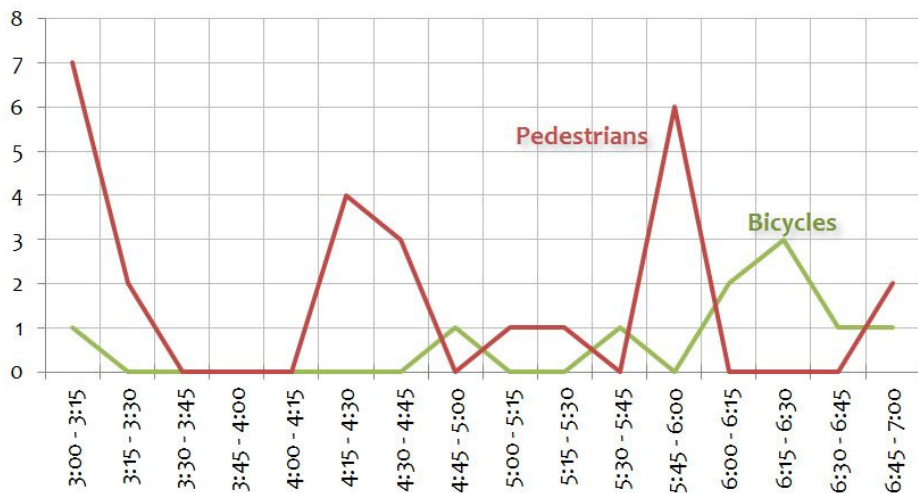
Days of data: 1  
 Counts taken: Wed 9-18-13  
 Weather: 78, Partly cloudy

**23. 12th Ave N / 15th Ave N Toll Bridge,  
Fargo/Moorhead**



Days of data: 1  
 Counts taken: Wed 9-18-13  
 Weather: 78, Partly cloudy

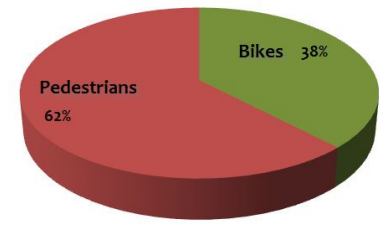
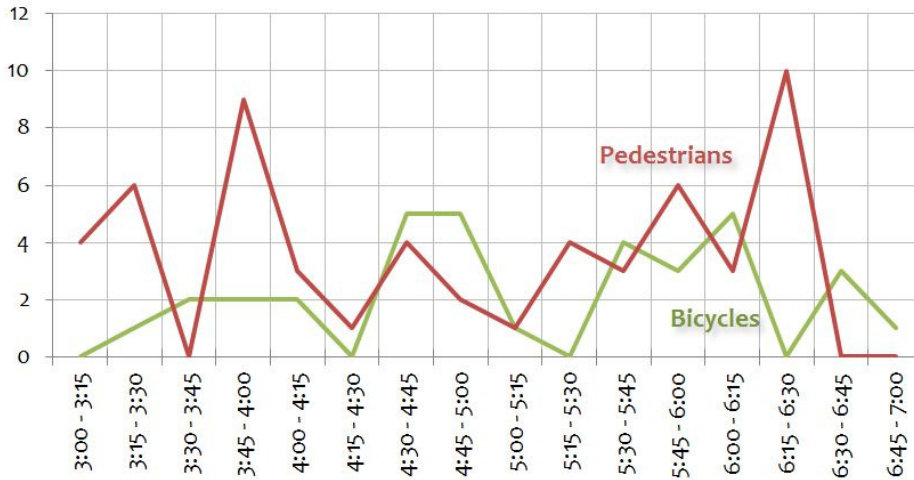
**24. Oak Grove / Memorial Park Bridge,  
Fargo/Moorhead**



Days of data: 1  
 Counts taken: Tues 9-17-13  
 Weather: 65, windy/cloudy

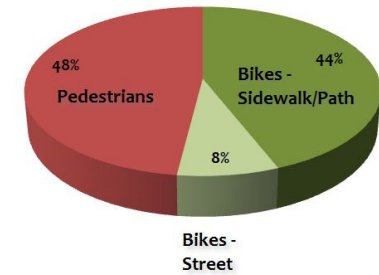
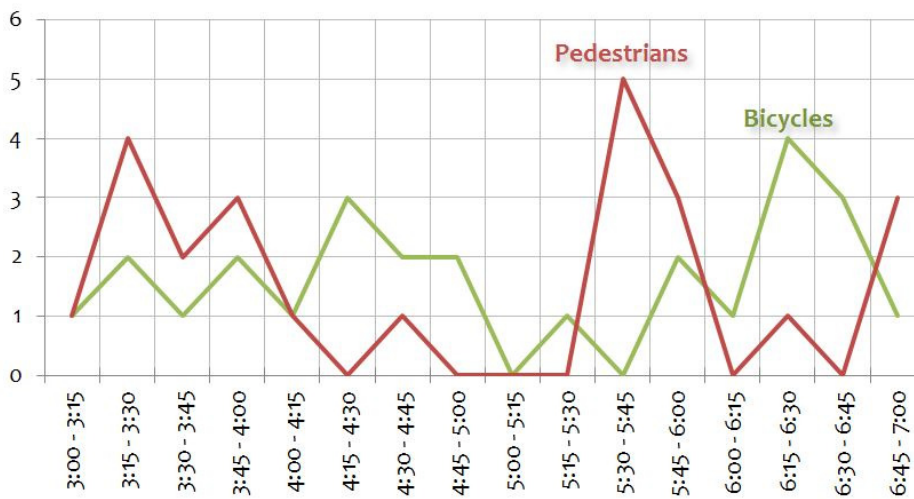


**25. Lindenwood / Gooseberry Park Bridge,  
Fargo/Moorhead**



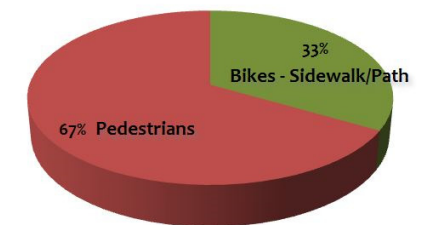
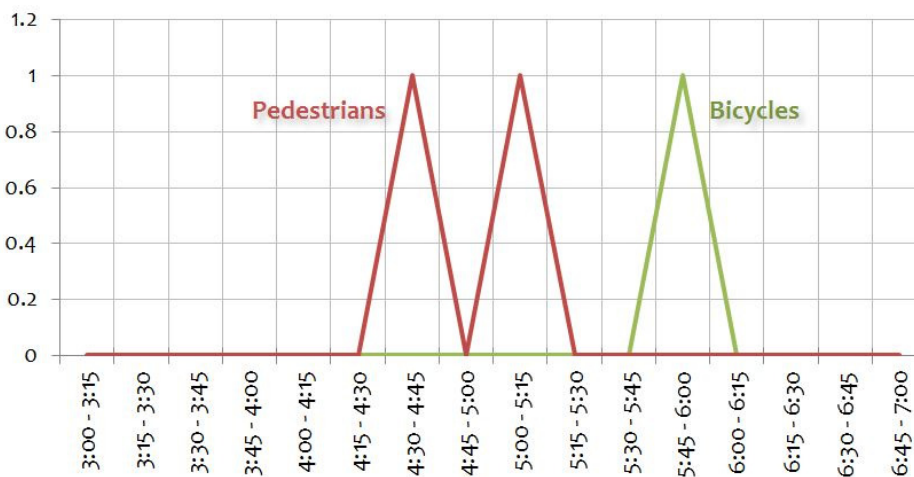
Days of data: 1  
 Counts taken: Tues 9-17-13  
 Weather: 65, windy/cloudy

**26. 8th St (Hwy 75) over I-94,  
Moorhead**



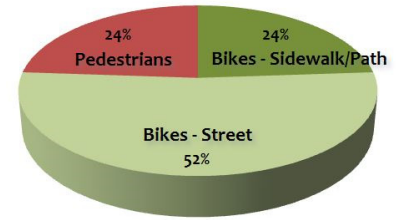
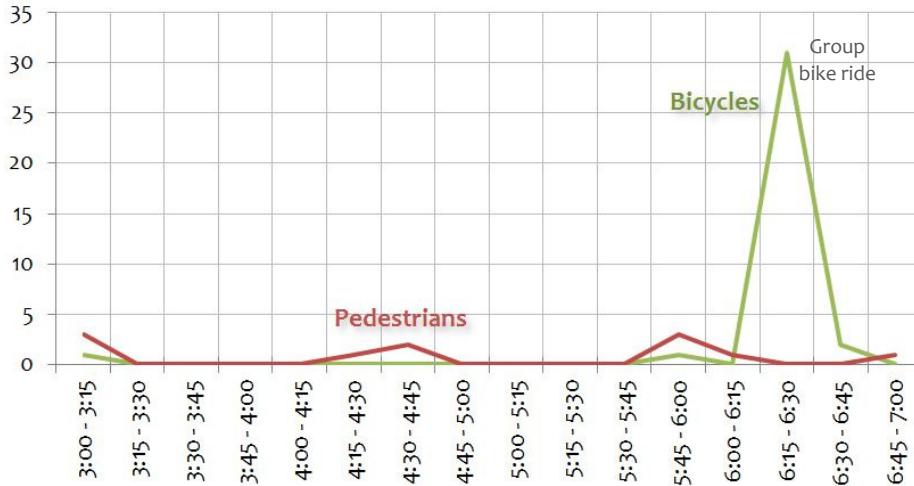
Days of data: 1  
 Counts taken: Tues 9-17-13  
 Weather: 65, windy/cloudy

**27. 8th St (Hwy 75) at 40th Ave S,  
Moorhead**



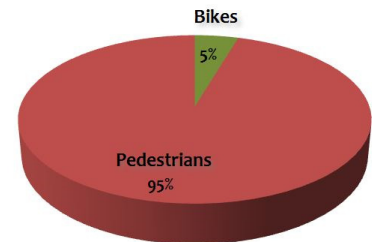
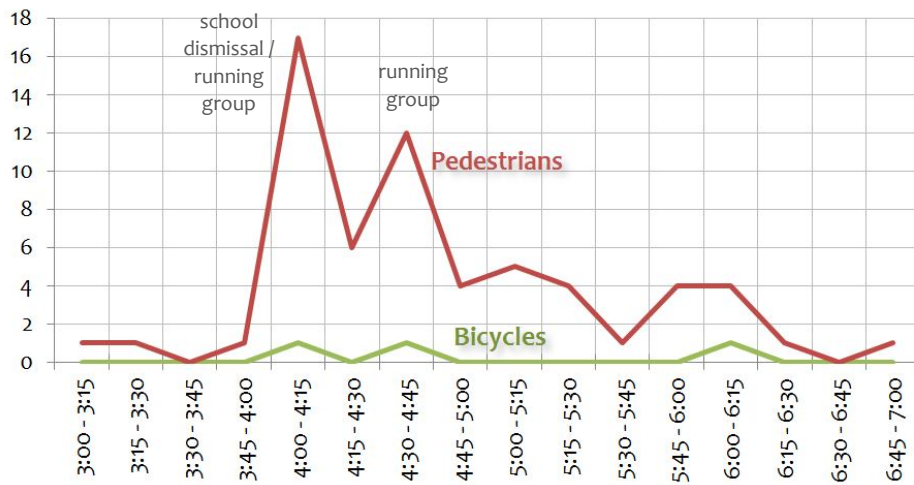
Days of data: 1  
 Counts taken: Tues 9-17-13  
 Weather: 65, windy/cloudy

**28. 40th Ave S at 8th St,  
Moorhead**



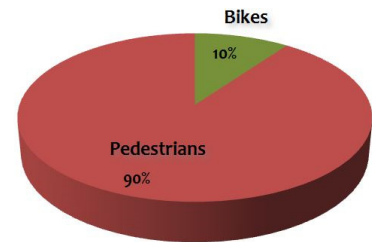
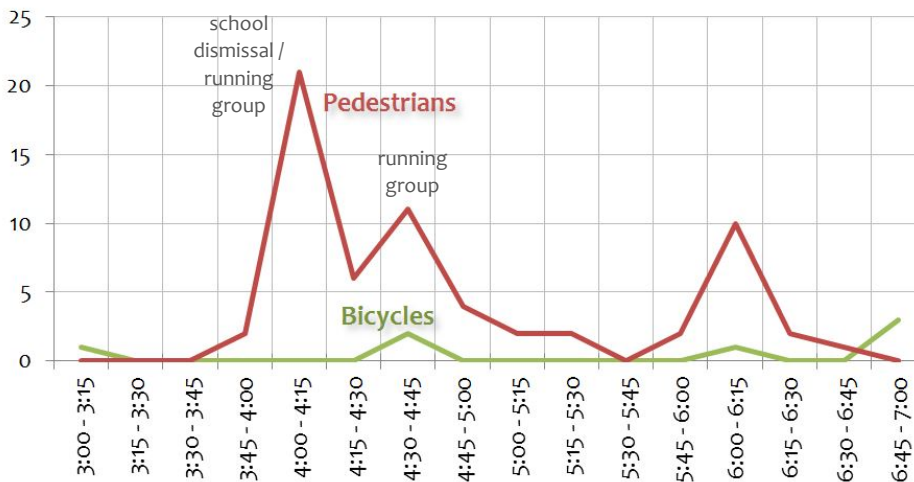
Days of data: 1  
 Counts taken: Tues 9-17-13  
 Weather: 65, windy/cloudy

**29. 12th Ave S at 34th St,  
Moorhead**



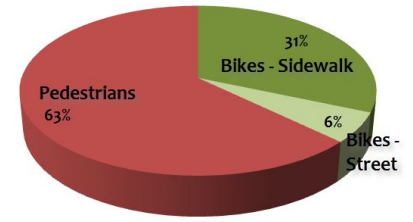
Days of data: 1  
 Counts taken: Wed 9-18-13  
 Weather: 78, Partly cloudy

**30. 34th St at 12th Ave S,  
Moorhead**



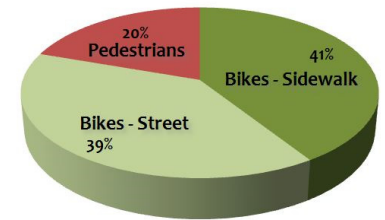
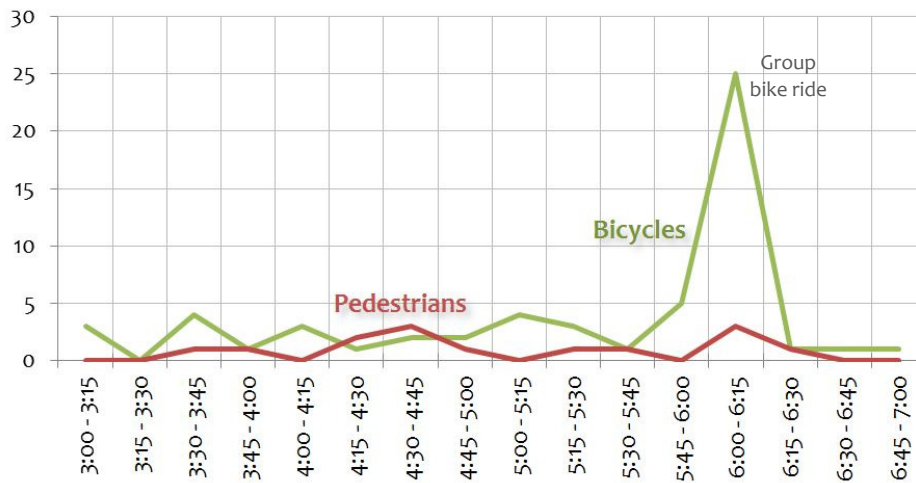
Days of data: 1  
 Counts taken: Wed 9-18-13  
 Weather: 78, Partly cloudy

**31. 4th St at Center Ave,  
Moorhead**



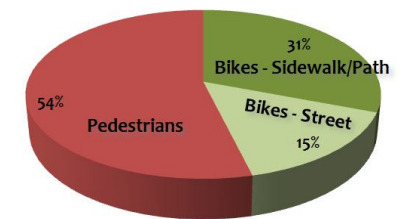
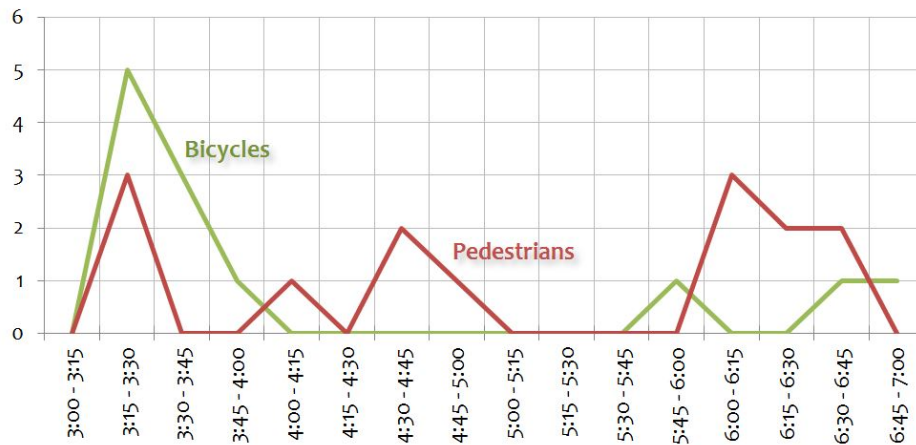
Days of data: 1  
 Counts taken: Tues 9-17-13  
 Weather: 65, windy/cloudy

**32. Center Ave at 4th St,  
Moorhead**



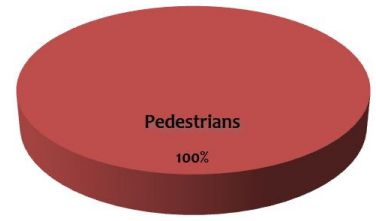
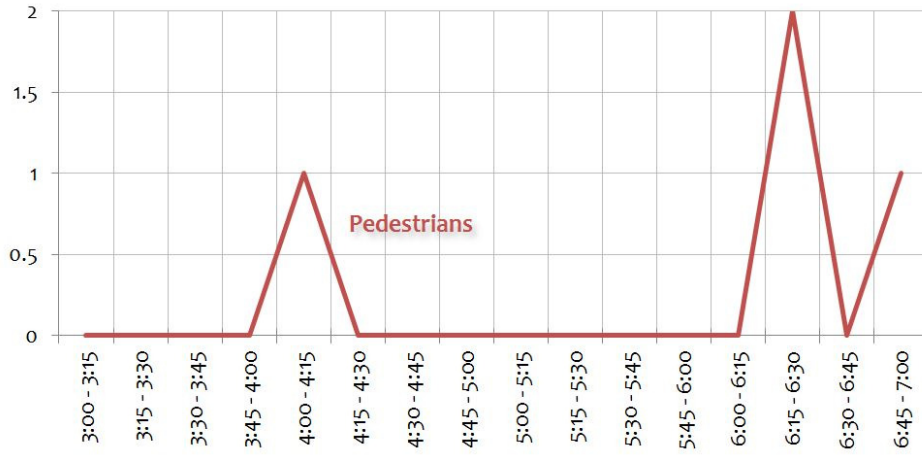
Days of data: 1  
 Counts taken: Tues 9-17-13  
 Weather: 65, windy/cloudy

**33. 4th Ave NE at 7th St NE,  
Dilworth**



Days of data: 1  
 Counts taken: Tues 9-17-13  
 Weather: 65, windy/cloudy

34. 7th St NE at 4th Ave NE,  
Dilworth



Days of data: 1

Counts taken: Tues 9-17-13

Weather: 65, windy/cloudy