



**15TH NATIONAL
CONVENTION
ON STATISTICS**

03-05 OCTOBER 2022



*Organized by the Philippine Statistical System Spearheaded by the Philippine
Statistics Authority*

Manual Bicycle Counts – Lessons from the June Bike Count Project

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Crowne Plaza Galleria Manila
8 am, 5 October 2022



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- In transportation and street design, “what gets counted, counts”
- Pedestrians and people on bicycles are not counted
- June Bike Count is a manual short-duration volunteer-driven initiative
- Organized by the Mobility Awards
- 3 Cs - citizen-led, collaborative, capacity-sharing effort



Bike count methodology

- One-day counting on standardized count sheets adapted from US National Bicycle and Pedestrian Documentation (NBPD) Project
- How many people on bicycles are there?
- How many are women are riding?
- How many are wearing helmets, how many are not?
- When is the busiest hour?
- Which routes are riders using?



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Bike count methodology

Table count form

Table Count Form						
LOCATION:		DATE:		TIME: x 06:00am - 08:00am x 04:00pm - 06:00pm		
WEATHER:		NAME:				
NOTES:				TOTAL NO. CYCLISTS COUNTED:		
Time Interval	MALE		FEMALE		NOT DETERMINED	
	With Helmet	No Helmet	With Helmet	No Helmet	With Helmet	No Helmet
00:00-00:15						
00:15-00:30						
00:30-00:45						
00:45-01:00						
01:00-01:15						
01:15-01:30						
01:30-01:45						

Tracks gender ratio, helmet-use, peak hours

Diagram count form

[illegible]

Tracks bike traffic flow/ movement trends



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Bike count results



**28 June 2022
5-7AM, 4-6PM**



**41 count
sites**



**54,084
movements**



**Busiest site
EDSA-Aurora Blvd
intersection**



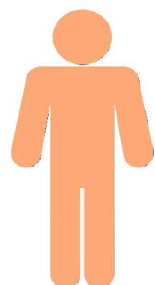
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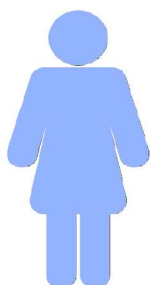
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Bike count results



97.8%

Male Cyclists



2.1%

Female Cyclists



AM Count (5-7AM):
28,465

PM Count (4-6PM):
23,624



Cyclists wearing helmet **64.9%**

Cyclists not wearing helmet **35.1%**



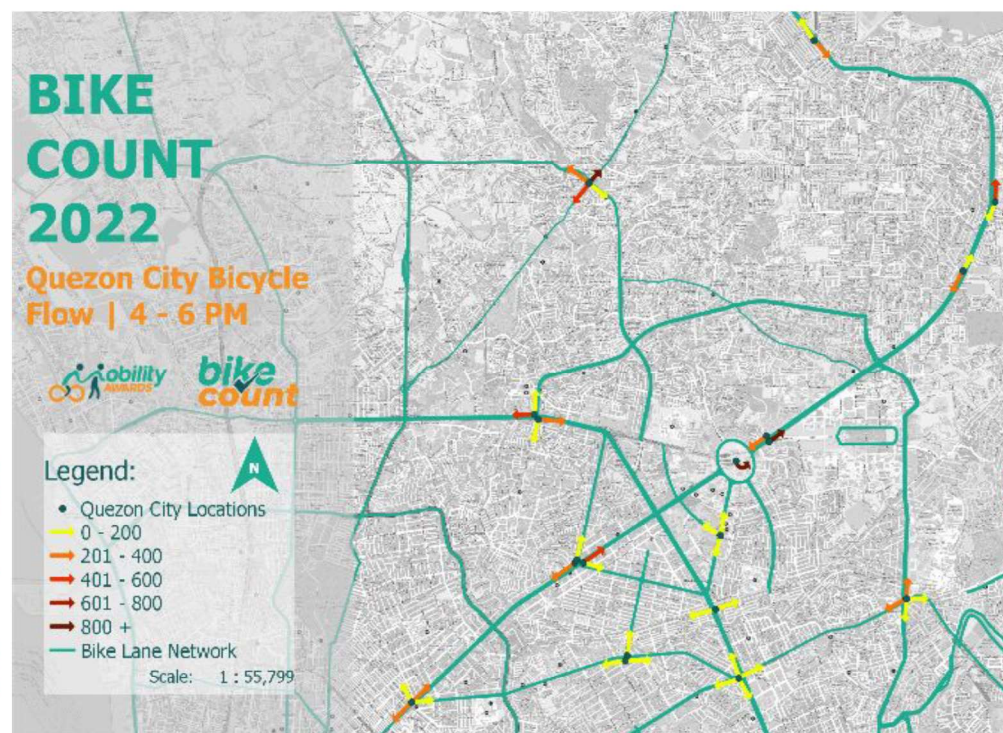
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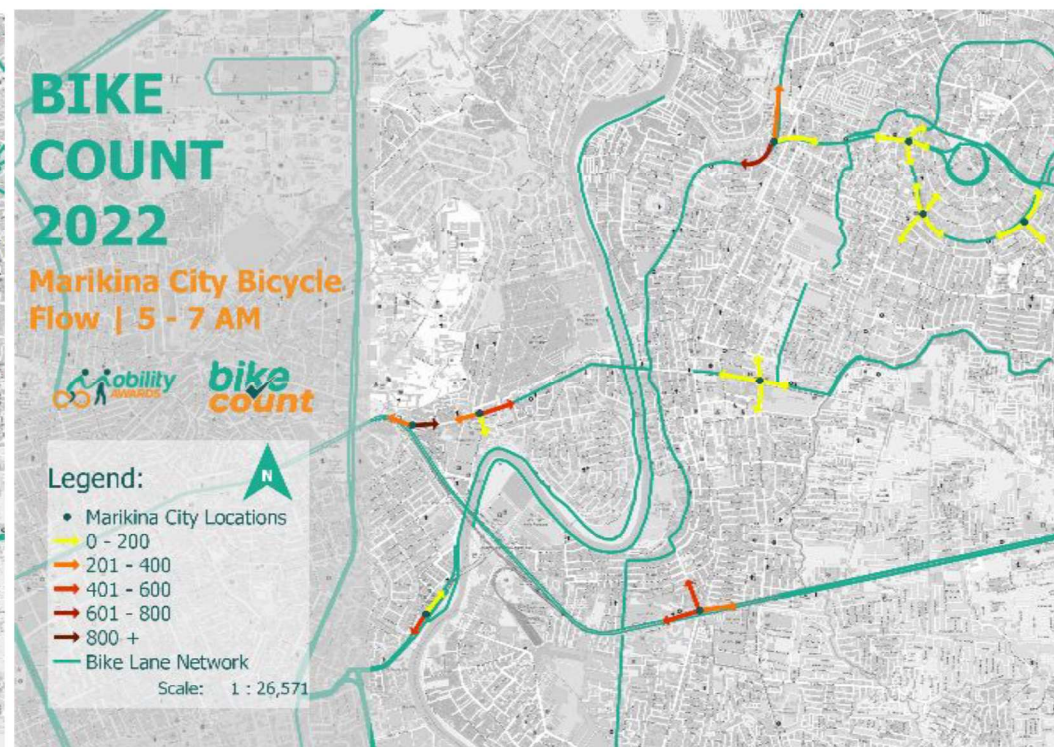
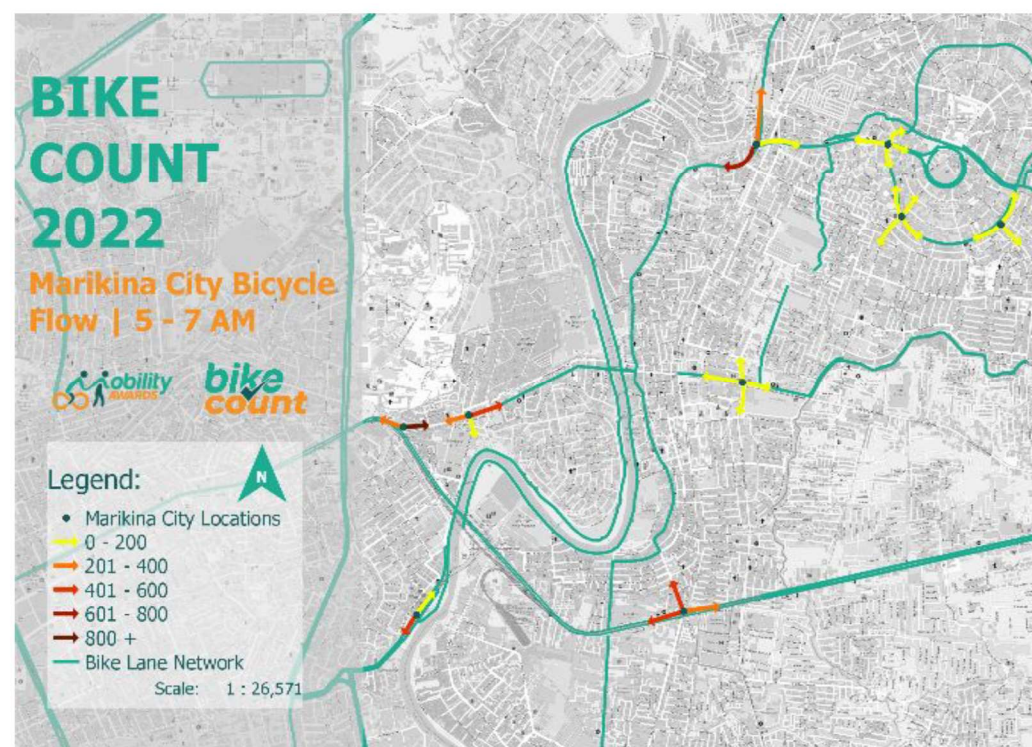


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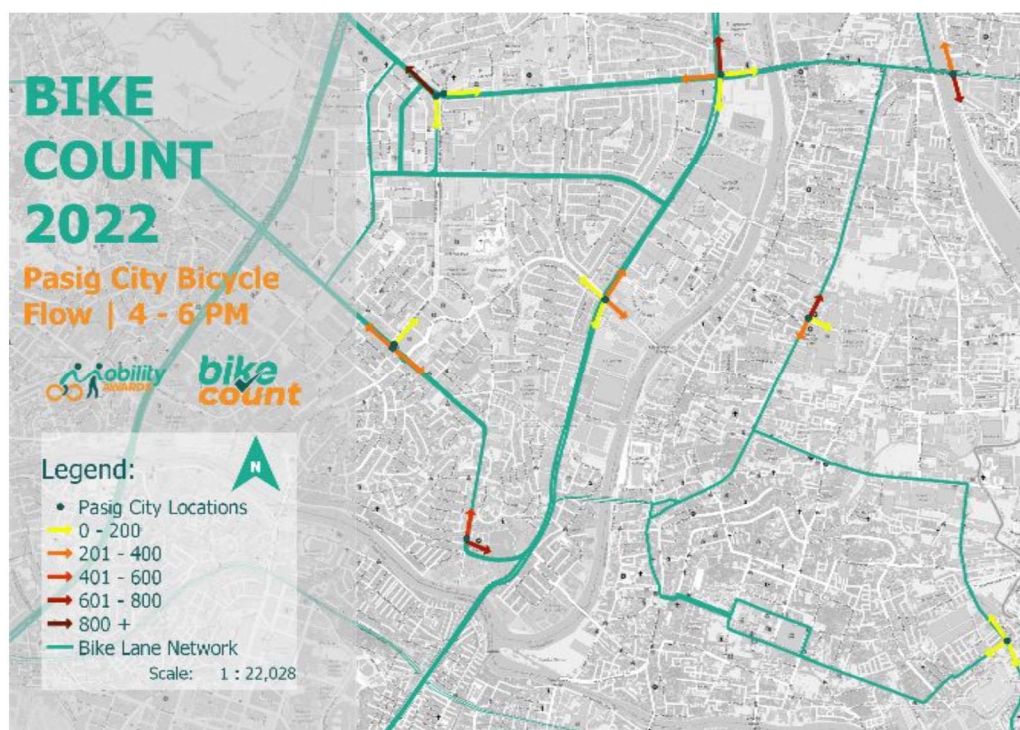
Bike count results



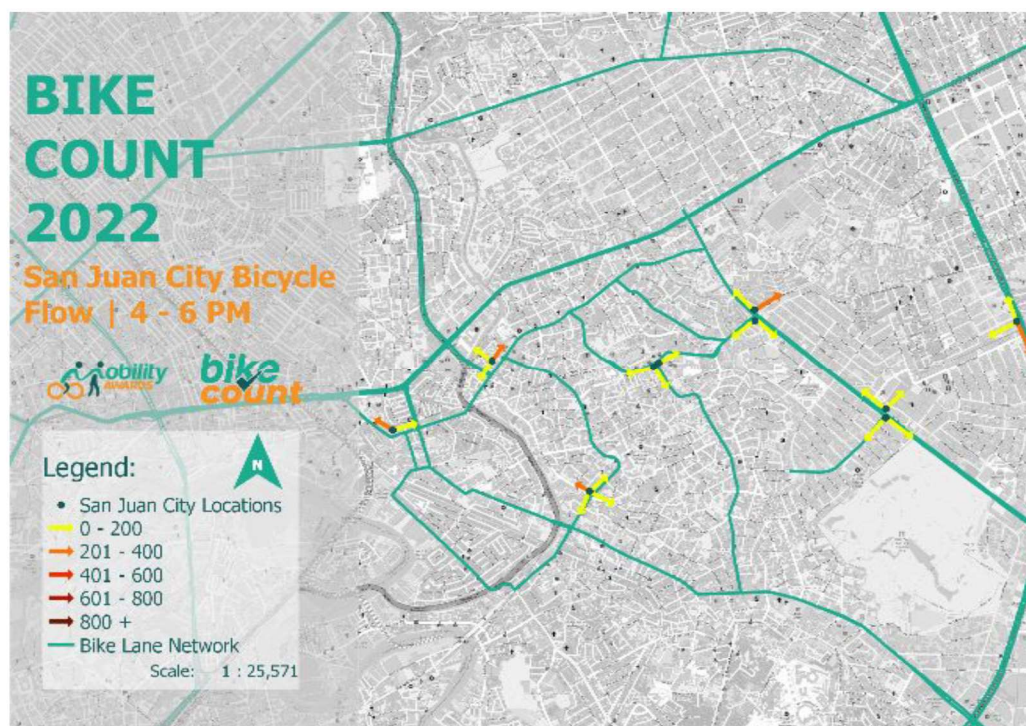
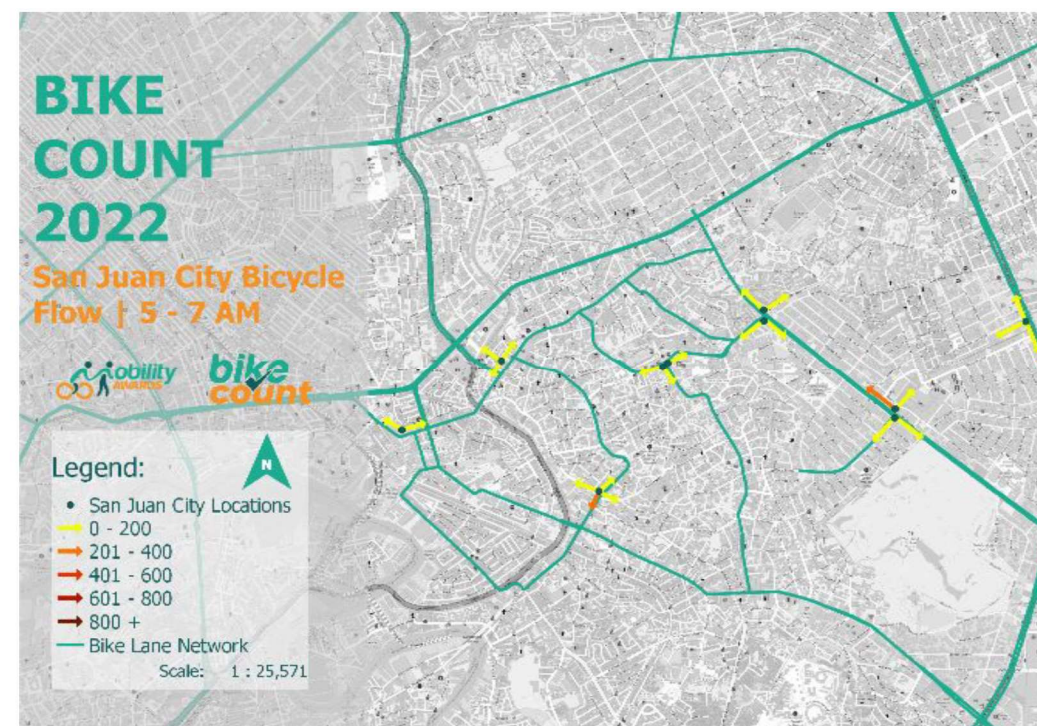
Bike count results



Bike count results



Bike count results



Conclusions

- JBCP demonstrates that there is existing bike traffic in Metro Manila that deserves to be counted and grow
- It is a call for action for government to establish consistent, uniform data collection and analysis system on non-motorized modes such as walking and cycling
- Manual short-duration bike counts have limitations but offer many benefits
- Cycling is everyday transport that needs support and evidence-based impactful investments



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Thank you!



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