Portland Bike Count Volunteer Training

Instructions for counting people on bikes (and skateboards!)



WE KEEP PORTLAND MOVING.



The standard bike count form

Date:	Time:						
Weather:	Name:						
Notes:							
	Masculine	Feminine	Total				
with helmet							
without helmet							
totals →							
			Na				
			No				

Bicycle Count	Form use different form for each hour
Location:	
Date:	Time:

Tracks gender and helmet use

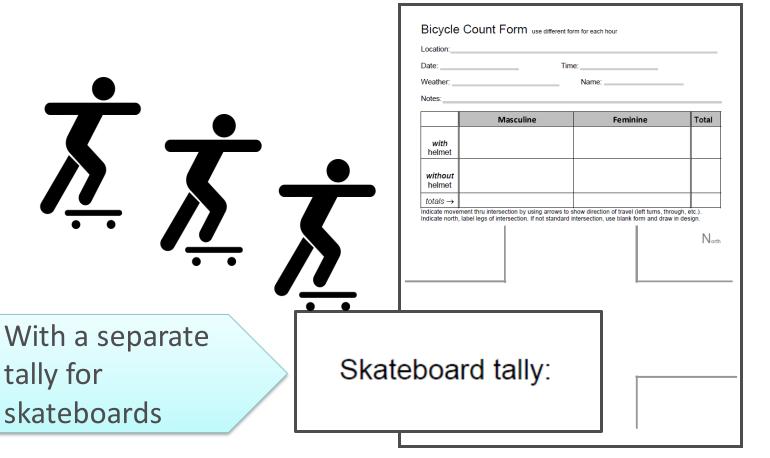
	Masculine	Feminine	Total
<i>with</i> helmet			
without helmet			
$totals \rightarrow$			



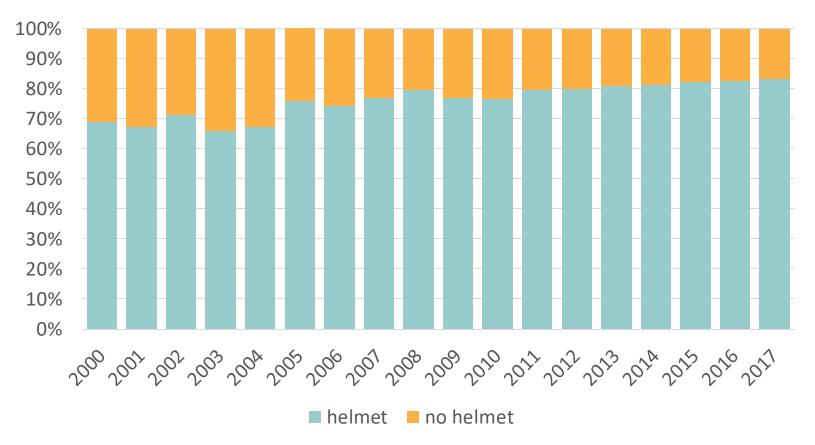
Skateboard tally:	

Includes a diagram for turning movements

Location: Date: Weather:	
	North
Skateboard tally:	

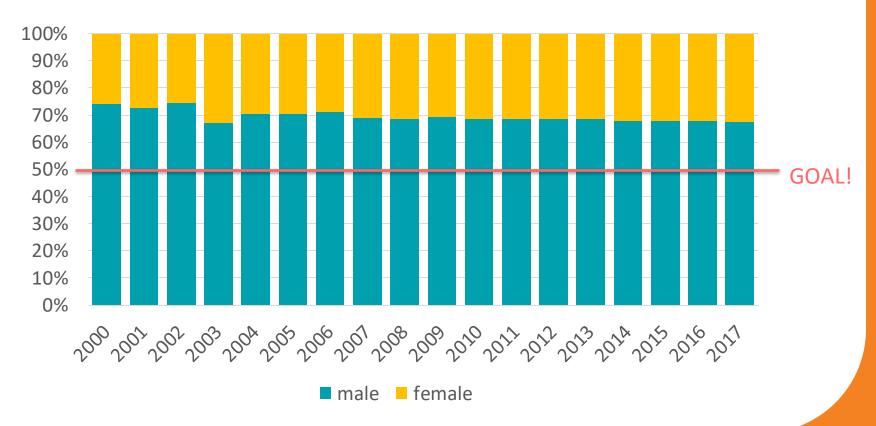


Citywide helmet use is up to 83%



In 1992, only one in five people on bikes were female; in 2017, it was one in three.

(We're aiming for one in two.)

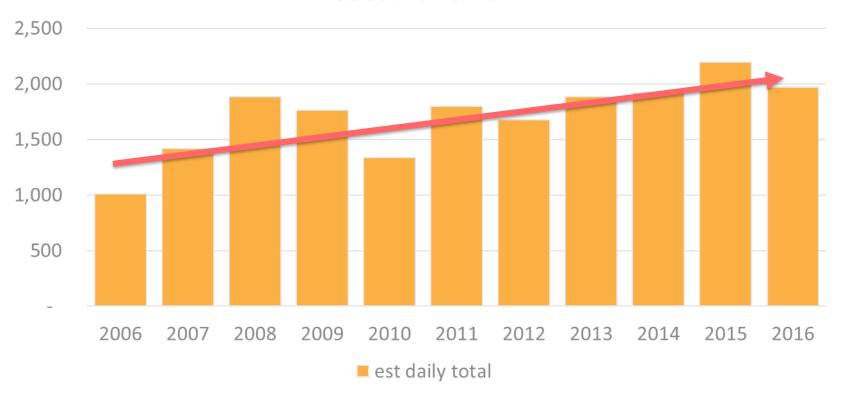


Site counts go up and down from year to year...



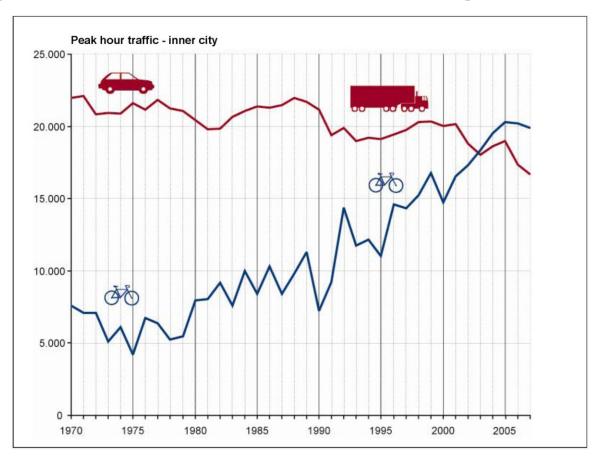
...and trends develop over time.





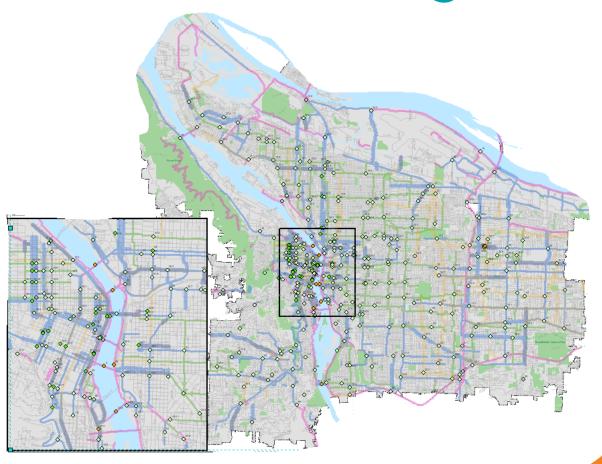
Don't worry - we'll get there!

Copenhagen's bike mode share was not a straight line to the top.



318 sites citywide

sector	# sites
Bridge	2
City Center	44
East	50
North	41
Northeast	54
Northwest	26
Southeast	65
Southwest	31
South	5



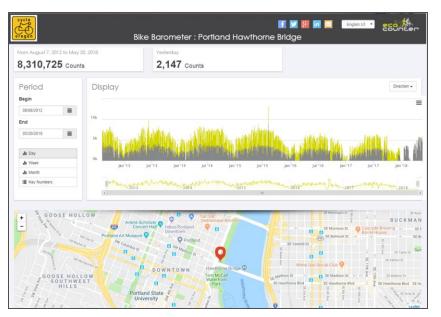
Most sites are located at the intersection of two bikeways.

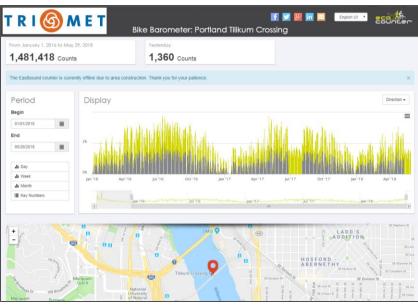
- Streets with bike lanes
- Neighborhood greenways
- Multi-use paths



SE Ankeny & 28th

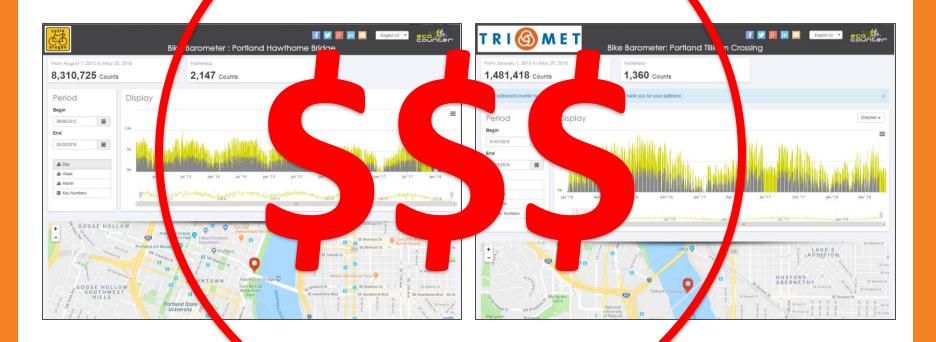
Portland also has a few automated "hose" counts.





Hawthorne Bridge: http://portland-hawthorne-bridge.visio-tools.com/
Tilikum Crossing: http://portland-tilikum-crossing.visio-tools.com/

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That's why we need you!



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We utilize 100+
volunteers every
summer to count as
many sites as we can.



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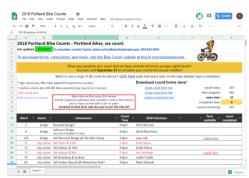
tinyurl.com/portlandbikecounts

- Count forms
- Map of sites
- Data
- This presentation



tinyurl.com/pdxbikecounts2022

- Volunteer assignments
- Available sites



Summer 2022 Bike Count Calendar

- **Summer months**: June through September
- Mid-week: Tuesday, Wednesday, or Thursday
- During **peak rush hour**: 4-6pm for most, 7-9am for some
- Each site is only counted one time

Conduct counts on good weather Tuesdays, Wednesdays, or Thursdays from June through September. Do not count during the week of July 4th! Holidays: June 19th, Juneteenth July 4th, Independence Day September 5th, Labor Day

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3	4
e e	5	6	7	8	9	10	-11
June	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30		

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	31	1	2	3	4	5	6
Just	7	8	9	10	11	12	13
August	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31	1		

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
		(1	2
_	3	4	5	6	7	8	9
July	10	= (12	13	14	15	16
	17	18	19	20	21	22	23
	24/31	25	26	27	28	29	30

Do not count on

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
					1	2	3
ber	4	(5)	6	7	8	9	10
tem	11	12	13	14	15	16	17
September	18	19	20	21	22	23	24
	25	26	27	28	29	30	

Avoid counting:

- On rainy days
- During extreme heat

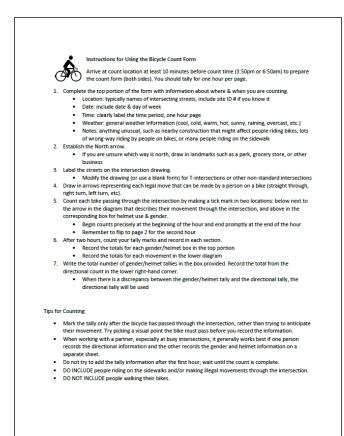
The week of Independence Day

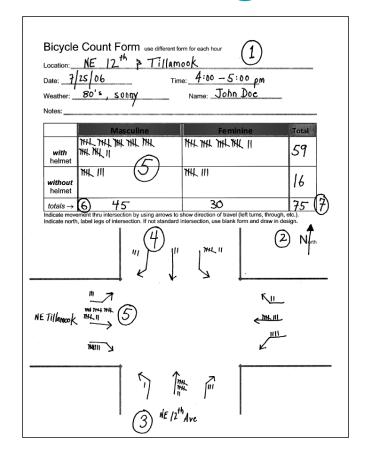


Last day to complete a bike count:

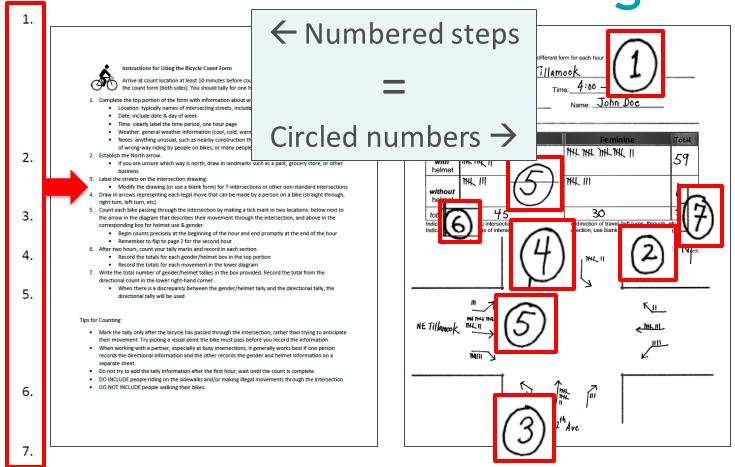
THURSDAY, SEPTEMBER 29

DO NOT BE LATE.





Download instructions at tinyurl.com/portlandbikecounts



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Plan ahead:

- Scope out your site before you count
- Find a shady spot, bring a hat or umbrella
- Bring snacks and water
- Use a clipboard or other hard surface to write on
- Bring an extra writing utensil
- Don't forget your count form!





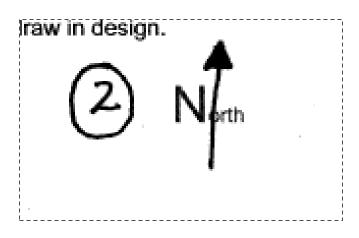


Date:	Tim	ne:	
Weather:		Name:	_
Notes:			
	Male	Female	Total
with helmet			
without helmet			
totals →		show direction of travel (left turns, thr	
			N _o

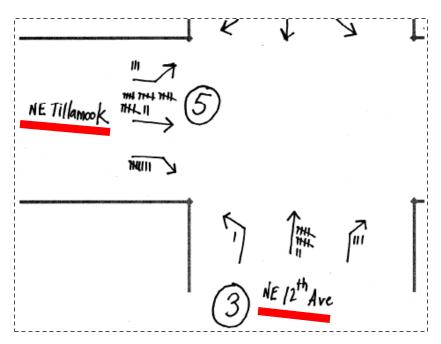
- 1. Fill in the top portion on both sides.
 - You will count <u>one hour</u> per side
 - Note anything unusual or interesting
 - Construction
 - Lots of bikes on the sidewalk
 - Large Pedalpalooza ride

Bicycle Count Form use different form for each hour Location: NE 12 th > Tillamook	
Date: $7/25/06$ Time: $4:00-5:00 \text{ pm}$ Weather: $80's$, $sunny$ Name: John Doc	
Notes:	

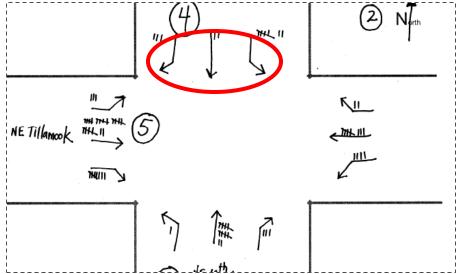
- 1. Fill in the top portion on both sides.
- 2. Draw an arrow to indicate which way is North.
 - If you are unsure, draw in other landmarks such as a park or grocery store.



- 1. Fill in the top portion on both sides.
- 2. Draw an arrow to indicate which way is North.
- 3. Label the streets in the diagram at the bottom of the page.



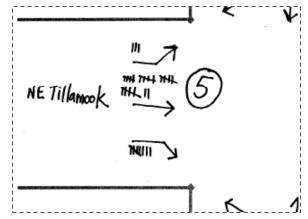
- 1. Fill in the top portion on both sides.
- 2. Draw an arrow to indicate which way is North.
- 3. Label the streets in the diagram at the bottom of the page.
- 4. Draw arrows in the diagram to represent potential movements.



During the count, track helmets, gender, and direction of travel.

- 5. Count each person on a bike as they pass through the intersection.
 - Each bike gets <u>two</u> tick marks: one for helmet/gender and one for direction of travel
 - Flip to page 2 after the first hour

	Masculine	Feminine	Total
with helmet	M M III M M M M M	HAT HAT MATAIT II	59
without helmet		MAT III	16
totals →	6) 45	30	75

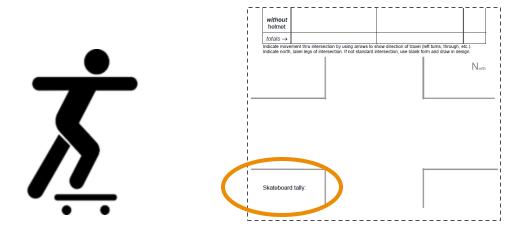


During the count, track helmets, gender, and direction of travel.

5. Count each person on a bike as they pass through the intersection.

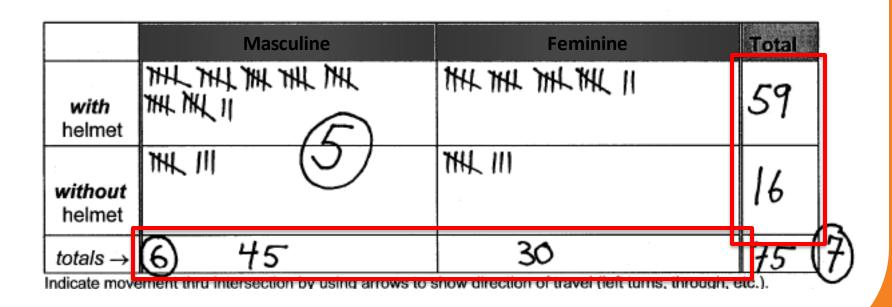
BONUS: Tally skateboards!

- You do not need to track helmet/gender for skateboards
- Keep this separate from the bike tallies



After the count, check your tally marks.

6. Add the tally marks for each section of the top box.



After the count, check your tally marks.

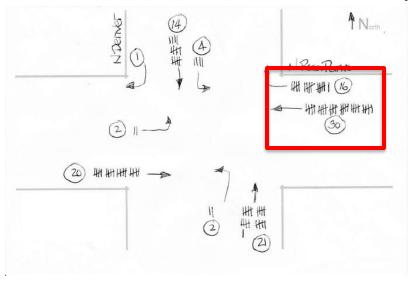
- 6. Add the tally marks for each section of the top box.
- 7. Sum together and write the total in the lower right box.

	Masculine	Feminine	Total
with helmet	#F #F #F #F #F	HT HT HT HT II	59
without helmet	MY III	HT III	16
totals →	6) 45	30	75 (7

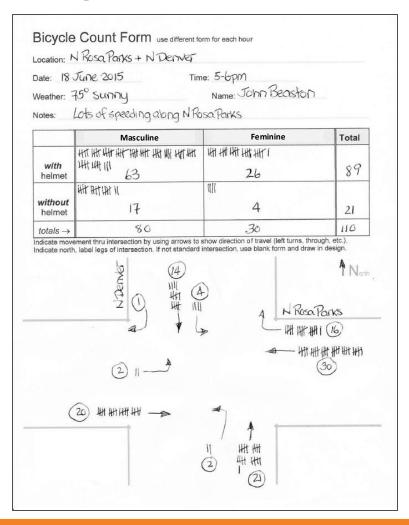
Indicate movement thru intersection by using arrows to show direction of travel (left turns, through, etc.)

After the count, check your tally marks.

- 6. Add the tally marks for each section of the top box.
- 7. Sum together and write the total in the lower right box.
- 8. BONUS: Add the tally marks in the bottom diagram.
 - This should match the total from the top



A completed count form:



Start and end precisely at the top of the hour.

4-6pm for most counts, 7-9am for some.



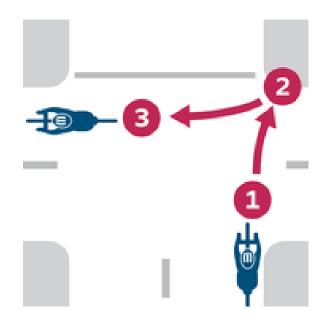
Don't forget to flip to the next page for hour two!

Do not cheat!



We're depending on the counts to be accurate

Wait to record the movement until it is complete.



People on bikes sometimes use sidewalks and crosswalks to better position themselves in the roadway.

Remember to mark each person on a bike for helmet/gender <u>and</u> for direction of travel.

Date:	Time	:	
Weather:		Name:	-
Notes:			
	Masculine	Feminine	Tota
with helmet			
without helmet			
totals →			
	legs of intersection. If not standard in	now direction of travel (left turns, throu tersection, use blank form and draw in	n design.
	legs of intersection. If not standard is	tersection, use blank form and draw is	n design.

If there are discrepancies, the directional count will be used.

High-volume Sites

^ = 200-400 bikes expected

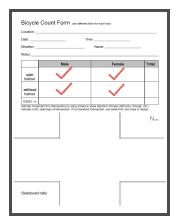
Consider a partner!

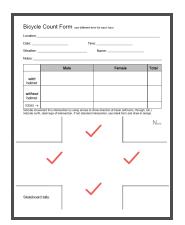
* = 400+ bikes expected

Partner required!

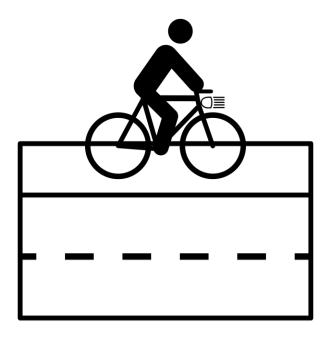
High-volume sites are not recommended for new volunteers.

When counting with a partner, it usually works best to have one person track gender/helmet and the other track the direction of travel.





Q: Should I include people riding on the sidewalk?

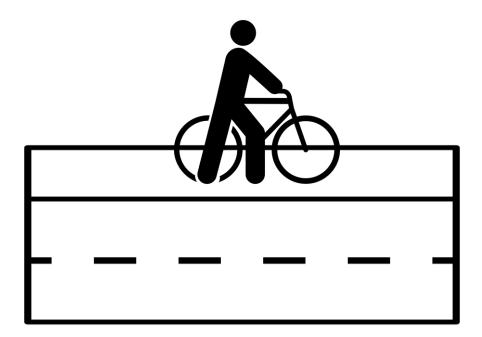


Q: Should I include people riding on the sidewalk?

A: Yes. This could indicate that existing infrastructure is not ideal for how cyclists want to get around. We want to know!

Bonus: It's helpful if you can draw a sidewalk on the count form with separate arrows; otherwise, write a note at the top of the form indicating if there were a few or many sidewalk riders.

Q: What about people walking their bike?



Q: What about people walking their bike?

A: No. Only include people actively riding through the intersection.

Q: Should I count people riding the wrong way on a one-way street, or those making an illegal turn

movement?



Q: Should I count people riding the wrong way on a one-way street, or those making an illegal turn movement?

A: Yes. Any illegal or otherwise questionable movements should still be counted.

Q: Should I include people using scooters or segways?





Q: Should I include people using scooters or segues?

A: No. We want to focus on getting an accurate count of bicycles.

We really want you to **count skateboards**, but please keep these tallies **separate** from the bike tallies.

Q: How would I count a tandem or a child on a bike?







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A: Generally, if someone is pedaling you should count them separately.

Q: How would I count a tandem or a child on a bike?

A:







2 1

Q: What if there is a large group of people (such as a Pedalpalooza ride) riding by at once?



Q: What if there is a large group of people (such as a Pedalpalooza ride) riding by at once?

A: Do your best to accurately count them all. Mention in the Notes field that the count included an organized, high-volume bike ride. Try to note the number in the ride in the notes.

 For high-volume intersections*, bring a friend to help you count

Q: What if the cyclist is wearing spandex/is a child/is not wearing clothes?







Q: What if the cyclist is wearing spandex/is a child/is not wearing clothes?

A: Count <u>everyone</u> on a bicycle.

 Portlanders use bikes for many different reasons including transportation, recreation, commuting, and more. We want to count them all – EVERY BIKE COUNTS!

Frequently Asked Questions Recap:

- Q: Should I include people riding on the sidewalk? A: Yes.
- Q: Should I include people walking their bike? A: No
- Q: Should I include people riding the wrong way on a one-way street? A: Yes.
- Q: Should I count people using scooters or segues? A: No.
- Q: How would I count a tandem or a child on a bike?
- A: If they are pedaling, count them each separately.
- Q: What if there is a large group all at once? A: Count them.
- Q: What if the cyclist is wearing spandex/is a child/is not wearing clothes? A: Count them all!

Pop Quiz!

How would you count these guys?



Pop Quiz!



When you have completed your count(s):

Please return your count forms ASAP!

by MAIL

Roger Geller
PBOT Bike Count
1001 SW 5th Ave, Ste 1300
Portland, OR 97204

by SCAN & E-MAIL

roger.geller@portlandoregon.gov

Check <u>tinyurl.com/pdxbikecounts2022</u> if you want to grab another site!

Thank you!

We couldn't do this without you.



Contact Roger Geller with any questions, or to sign up for count sites!

roger.geller@portlandoregon.gov, 503-823-7671

Find count forms and other info at:

tinyurl.com/portlandbikecounts







BIKE COUNT