

Pinellas Trail System

e-Bike Trail Survey
April 1-22, 2022

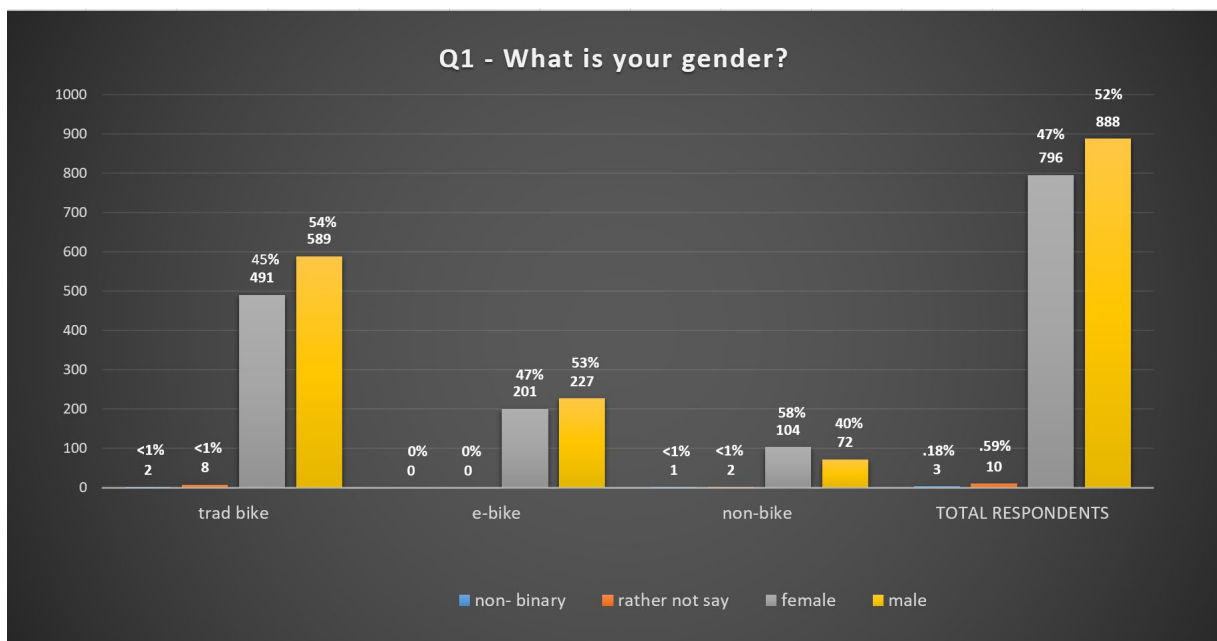
Response Summary
June 24, 2022



The e-bike survey was the first follow-up to the Pinellas Trail 30th Anniversary Visioning survey. The survey focused on safety, user conflict and clarifications of facts vs. myths. E-bikes are not currently prohibited on the trail and the County is installing signage accordingly. The survey was available on line between April 1st and April 22nd. We have provided a summary of the responses which were divided into traditional bike users, e-bike users and no=bike users.

1. What is your gender?

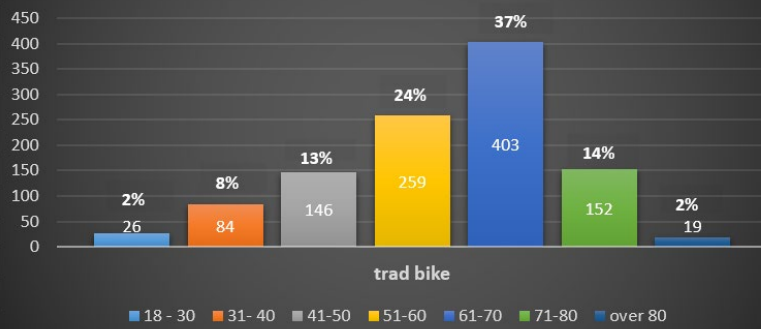
- Of the 1,090 traditional biker responses, less than 1% were non-binary or would rather not say, 45% were female and 54% were male.
- Of the 428 e-bike responses, 47% were female and 53% were male.
- Of the 179 of the non-biker responses, less than 1% were non-binary or would rather not say, 58% were female and 40% were male.
- Out of the total 1,697 responses, less than 2% were non-binary or would rather not say, 47% female and 52% male.



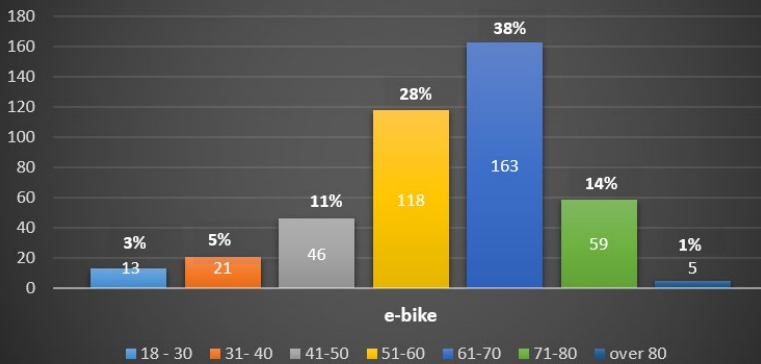
2. What is your age?

- Of the 1,089 traditional biker responses, 37% were in the 61-70 year old age group, 24% were in the 51-60 year old age group, 14% in the 71-80 year old age group and 13% in the 41-50 year old age group, the other age groups are represented as shown in the chart.
- Of the 425 e-bike responses, 38% were in the 61-70 year old age group, 28% in the 51-60 year old age group, 14% were in the 71-80 age group and the other age groups are represented as shown in the chart.
- Of the 179 of the non-biker responses, 34% were in the 61-70 year old age group, 21% were in the 51-60 year old age group, 17% in the 71-80 year old age group and 11% in the 31-40 year old age group, the other age groups are represented as shown in the chart.
- Out of the total 1,695 responses, 37% were in the 61-70 year old age group, 24% were in the 51-60 year old age group, 14% in the 71-80% year old age group, 12% were in the 41-50 year old age group, 7% were in the 31 -40 age group, 3% in the 18-30 age group and 2% in the over 80 year old age group.

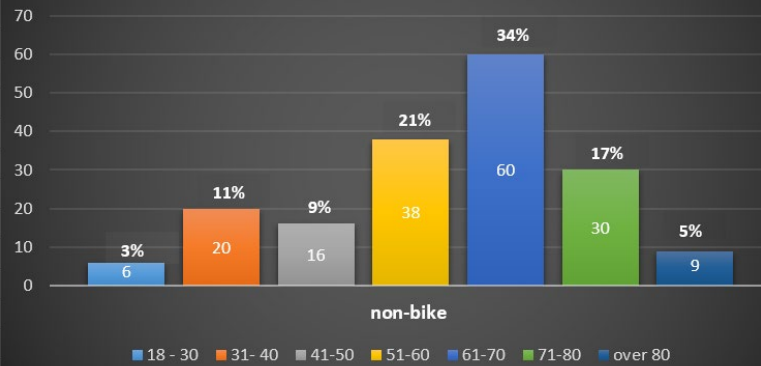
What is your age? - traditional biker



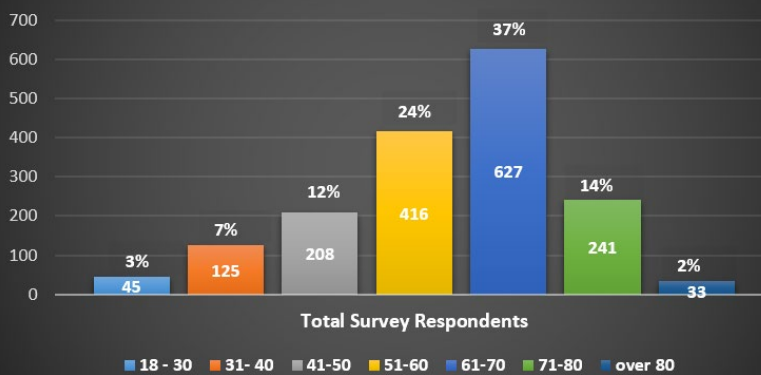
What is your age? - e-bike biker



What is your age? - non-biker

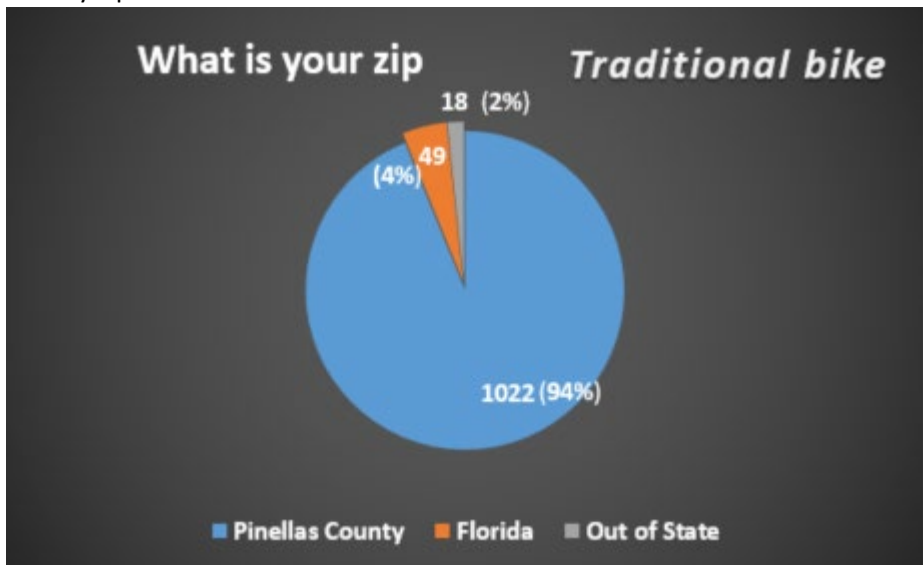


What is your age? - total respondents



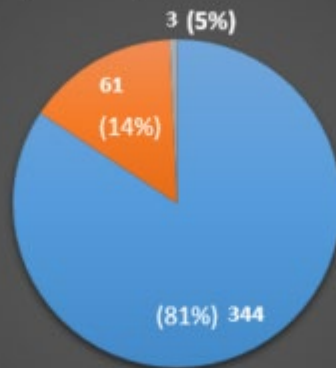
3. What is your zip code (in Pinellas County, Florida, out of state)

- Of the 1,089 traditional biker responses, less than 2% were from zip codes outside the state of Florida, 4% were from zip codes within the state of Florida but outside Pinellas County and 94% were from Pinellas County zip codes.
- Of the 426 e-biker responses, 5% were from zip codes outside the state of Florida, 14% were from zip codes within the state of Florida but outside Pinellas County and 81% were from Pinellas County zip codes.
- Of the 178 of the non-biker responses, less than 1% were from zip codes outside the state of Florida, 2% were from zip codes within the state of Florida but outside Pinellas County and 97% were from Pinellas County zip codes.
- Out of the total 1,693 responses, less than 2% were from zip codes outside the state of Florida, 7% were from zip codes within the state of Florida but outside Pinellas County and 91% were from Pinellas County zip codes.



What is your zip code?

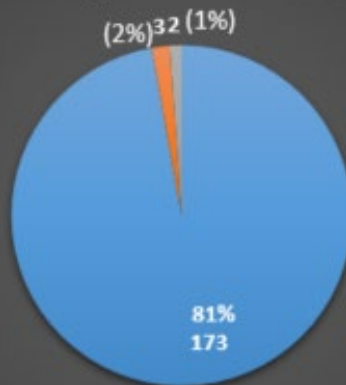
E-bike



■ Pinellas County ■ Florida ■ Out of State

What is your zip code?

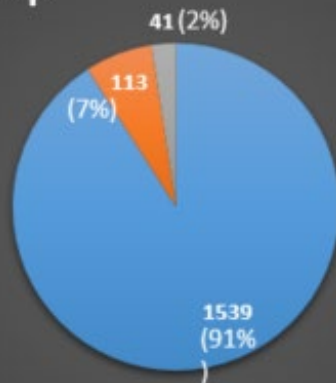
Non-bike



■ Pinellas County ■ Florida ■ Out of State

What is your zip code?

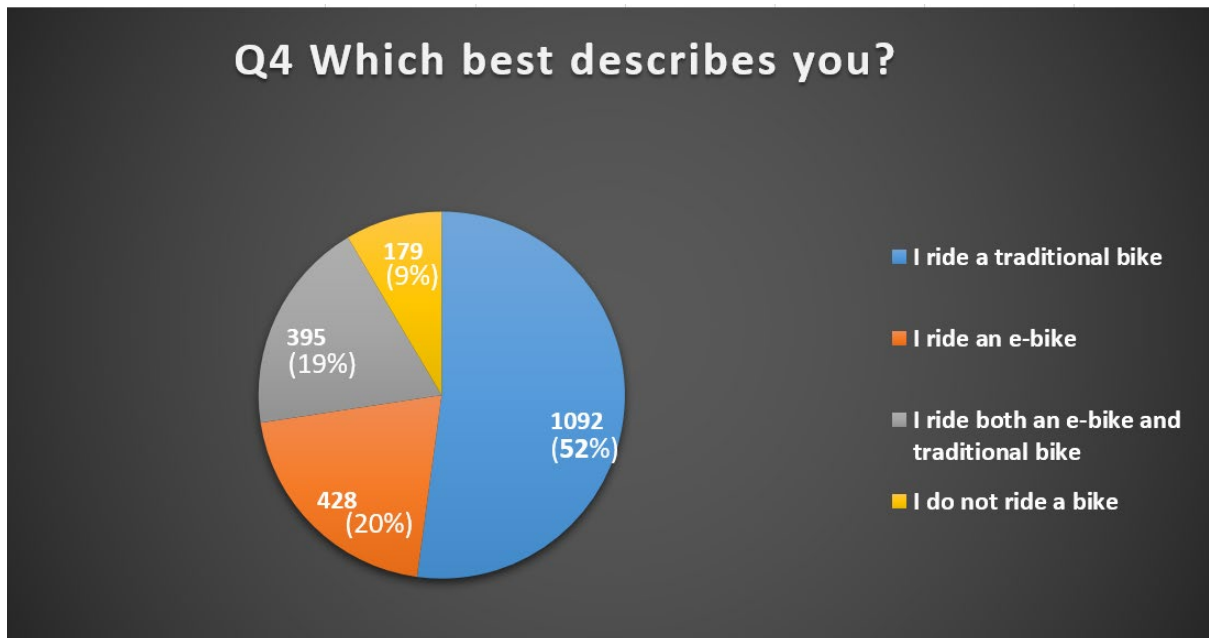
Total



■ Pinellas County zip codes ■ Florida zip codes ■ Out of state

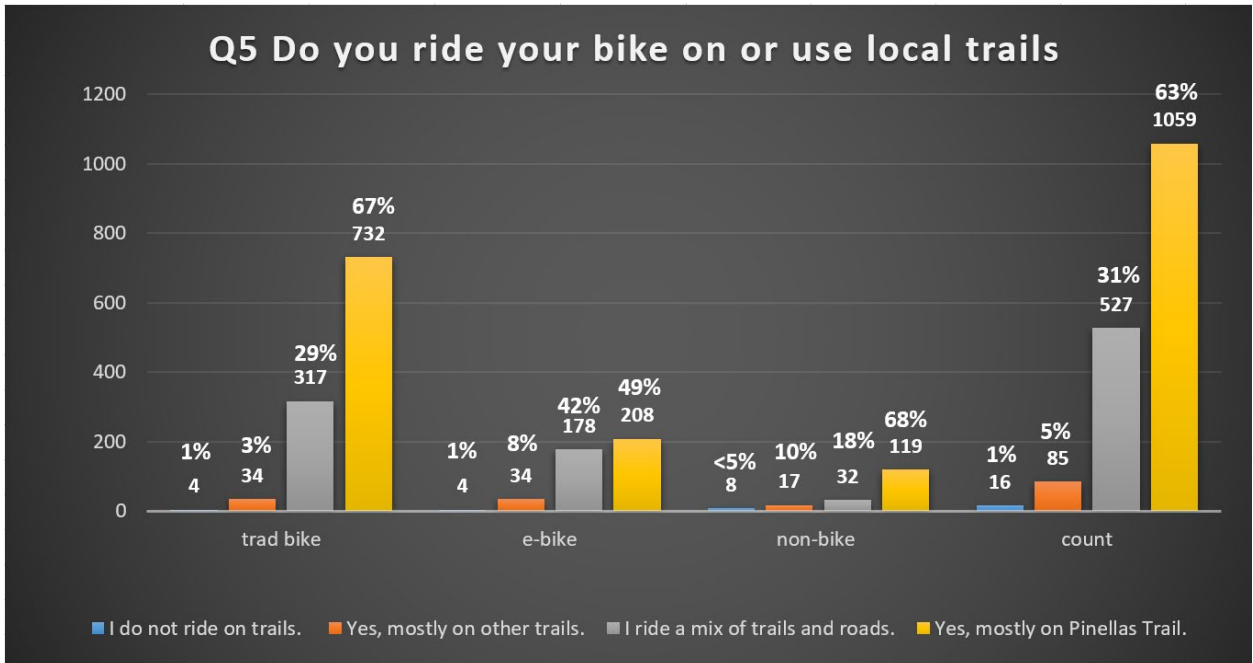
4. Are you traditional bike rider, e-bike rider or non-bike rider?

- Out of the 2094 responses, 1092 (52%) were traditional bikers, 428 (20%) were e-bikers, 395 (19%) were both traditional and e-bikers and 179 (9%) were non-bikers.



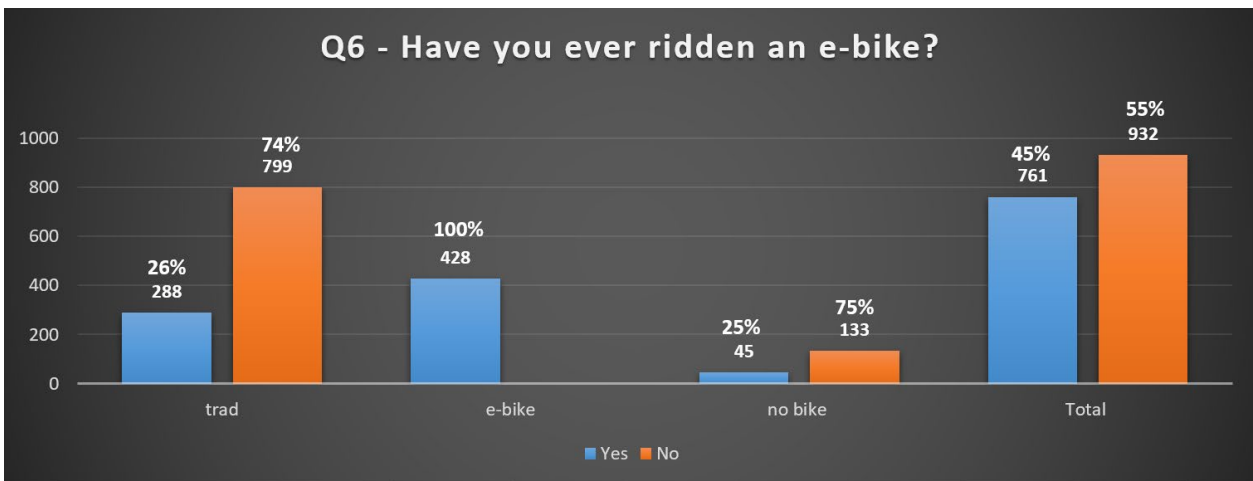
5. Do you ride your bike on local trails?

- Of the 1,087 traditional biker responses, less than 1% did not ride on trails, 3% rode mostly on trails, 29% rode on trails and roads and 67% rode mostly on the Pinellas Trail.
- Of the 424 e-bike responses, less than 1% did not ride on trails, 8% rode mostly on trails, 42% rode on trails and roads and 49% rode mostly on the Pinellas Trail.
- Of the 176 of the non-biker responses, less than 5% did not use trails, 10% used mostly other trails, 18% used a mix of trails and roads and 68% used mostly the Pinellas Trail.
- Out of the total 1,687 responses, less than 1% did not ride on trails, 5% rode mostly on trails, 31% rode on trails and roads and 63% rode mostly on the Pinellas Trail



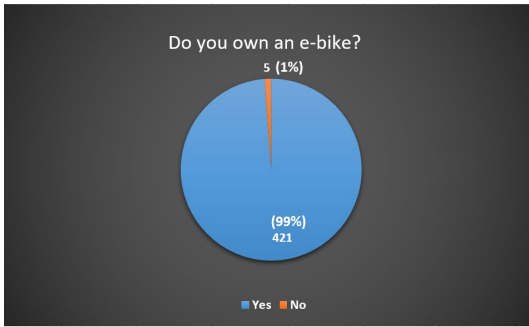
6. Have you ever ridden an e-bike? –

- Of the 1,089 traditional biker responses, 26% said yes and 74% said no to ever riding an e-bike.
- Of the 428 e-bike responses, 100% said yes to ever riding an e-bike.
- Of the 178 of the non-biker responses, 25% said yes and 75% said no to ever riding an e-bike.
- Out of the total 1,693 responses, 45% said yes and 55% said no to ever riding an e-bike.



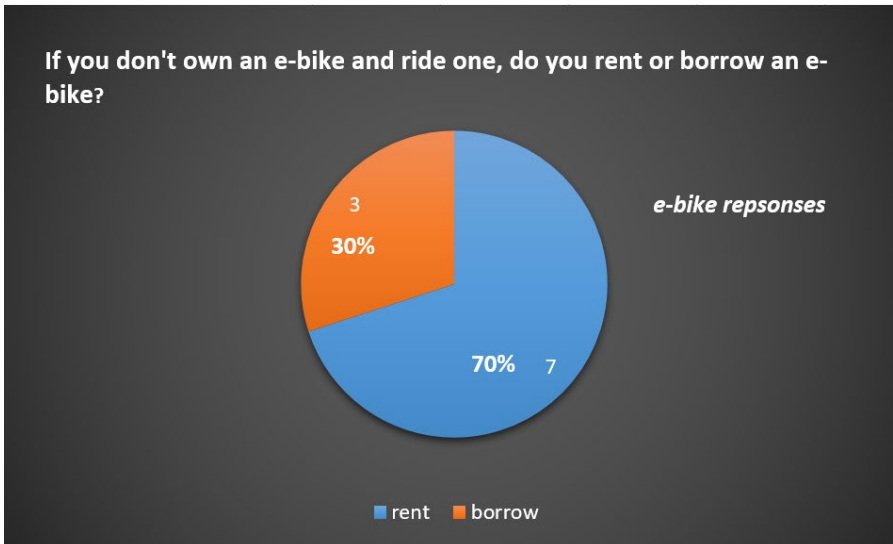
7. Do you own an e-bike?

- Of the 426 e-bike responses, 421 (99%) owned an e-bike and 5 (1%) did not.



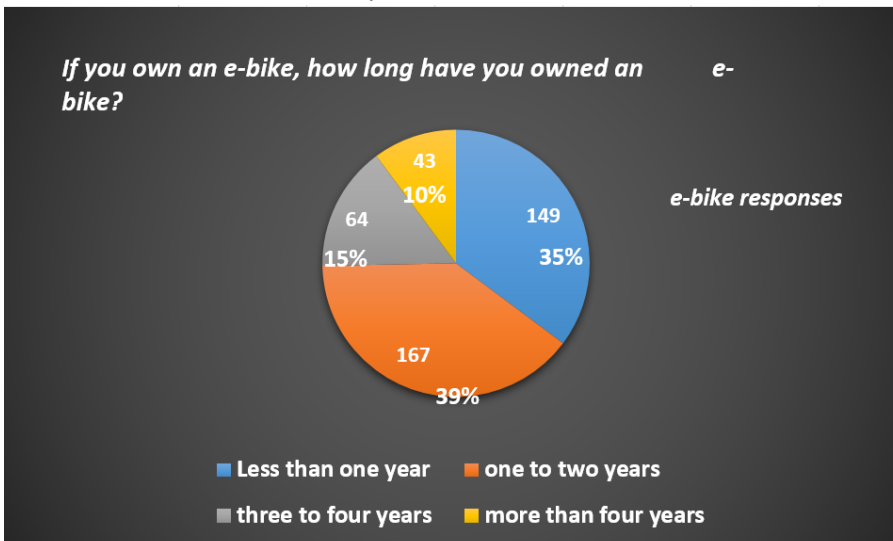
8. If you don't own an e-bike and ride one, do you rent or borrow an e-bike?

- Of the 10 e-bike responses, 7 borrowed and 3 rented their e-bikes.



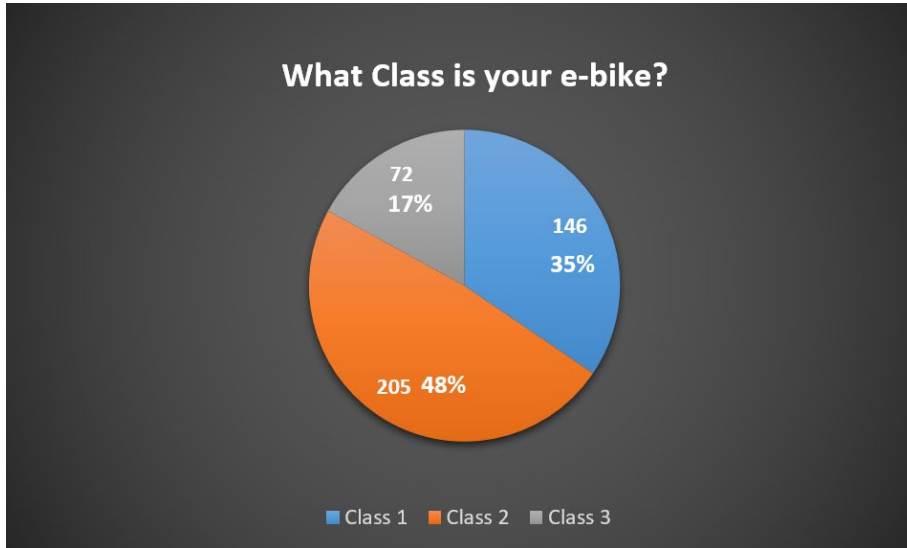
9. If you own an e-bike, how long have you owned an e-bike?

- Of the 423 e-bike responses, 149 (35%) owned their e-bike less than one year, 167 (39%) owned their e-bike one to two years, 64 (15%) owned their e-bike three to four years and 43 (10%) owned their bike for more than 4 years.



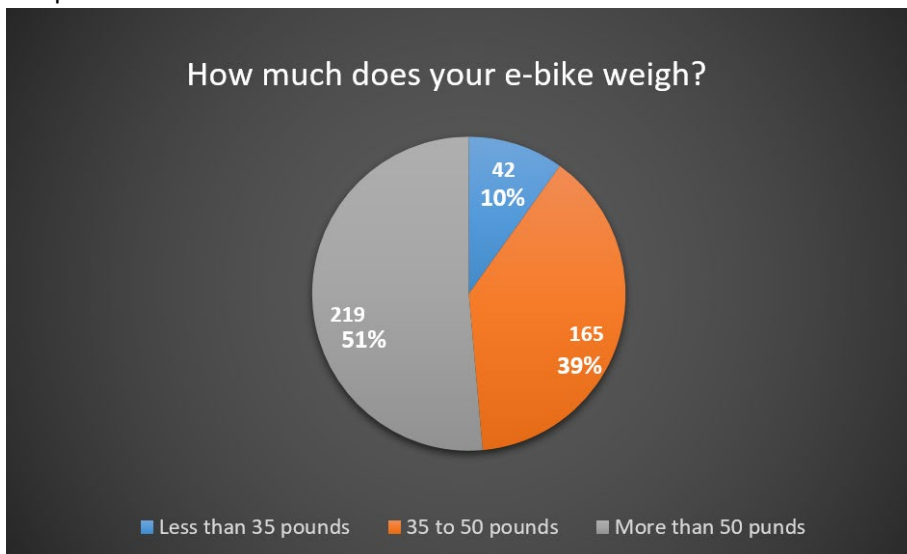
10. What classification is your e-bike?

- Of the 423 e-bike responses, 146 (35%) owned Class 1 e-bikes, 205 (48%) owned Class 2 and 72 (17%) owned class 3 e-bikes.



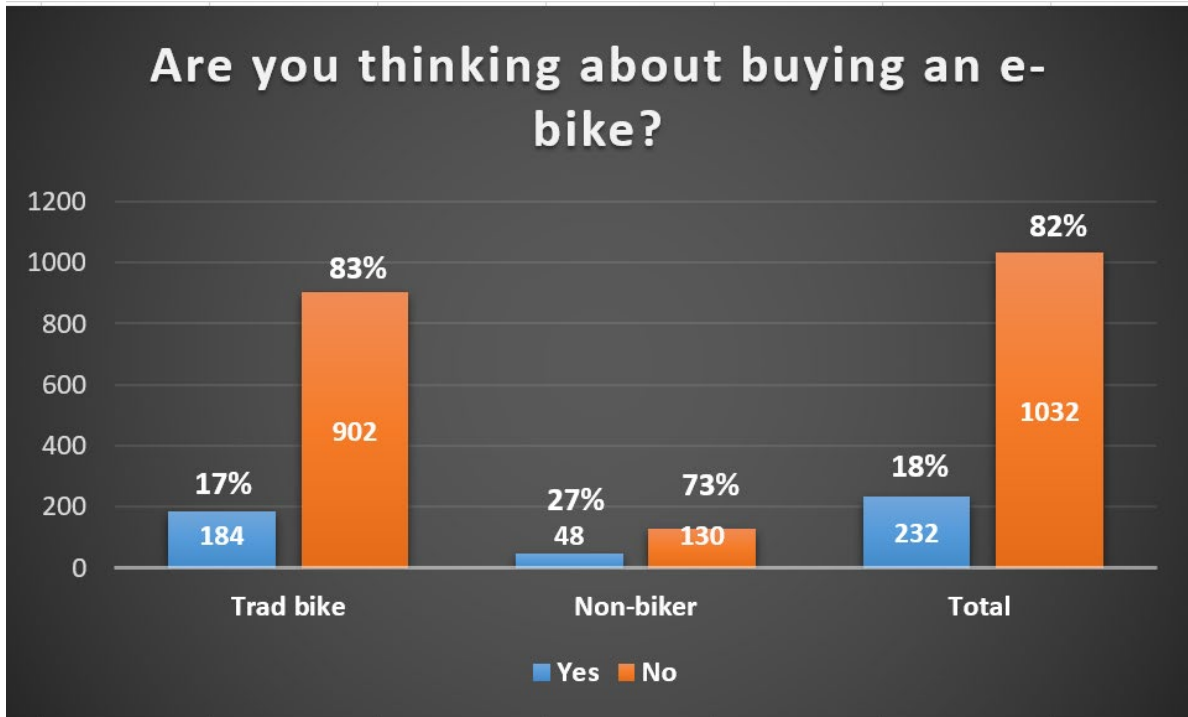
11. How much does your e-bike weigh?

- Of the 426 e-bike responses 42 (10%) had e-bikes which weighed less than 35 pounds, 165 (39%) had e-bikes which weighed 35 – 50 pounds and 219 (51%) had e-bikes which weighed more than 50 pounds.



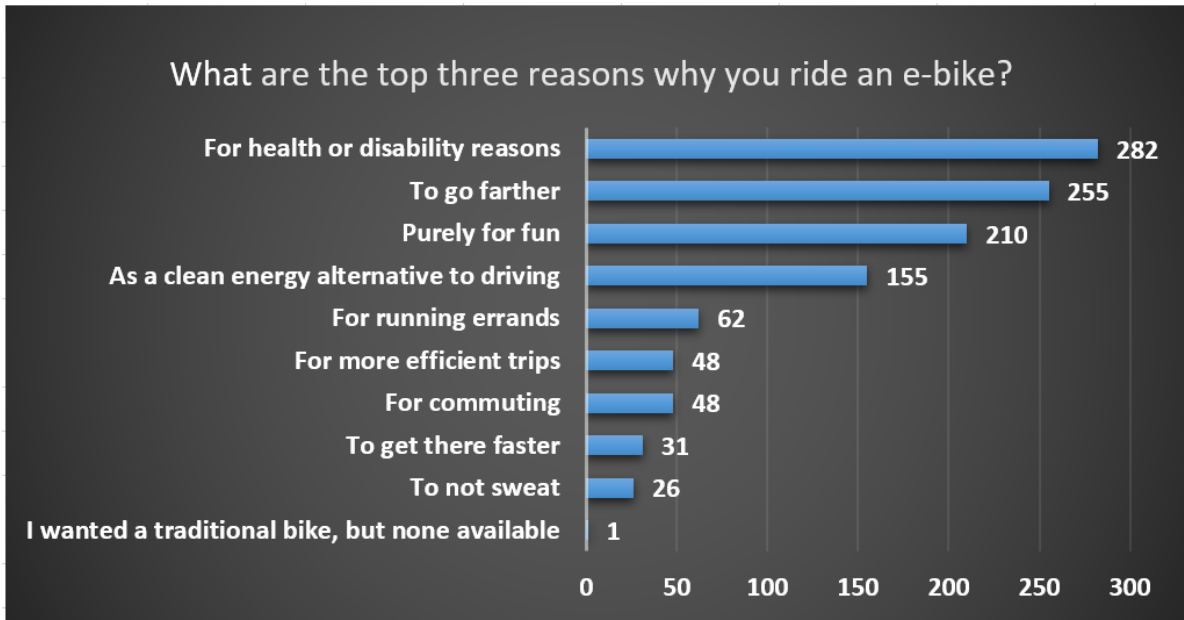
12. Are you thinking about buying an e-bike?

- Of the 1,086 traditional biker responses, 17% said yes and 83% said no to thinking about buying an e-bike.
- Of the 178 of the non-biker responses, 27% said yes and 73% said no to thinking about buying an e-bike.
- Out of the total 1,086 responses, 18% said yes and 82% said no to thinking about buying an e-bike.



13. What are the top three reasons why you ride an e-bike?

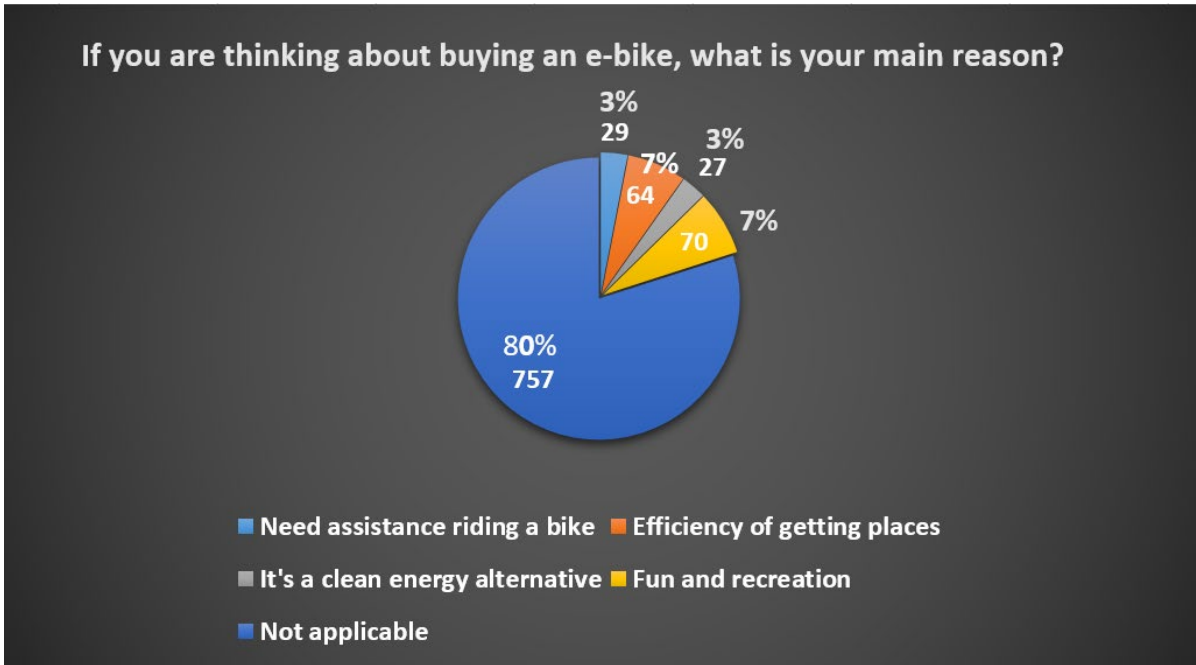
- Out of all of the responses, the top three reasons for why e-bike riders rode their e-bikes were 1. for health or disability reasons, 2. To go farther and 3. Purely for fun.



13. b Would you recommend an e-bike to your friends or family?

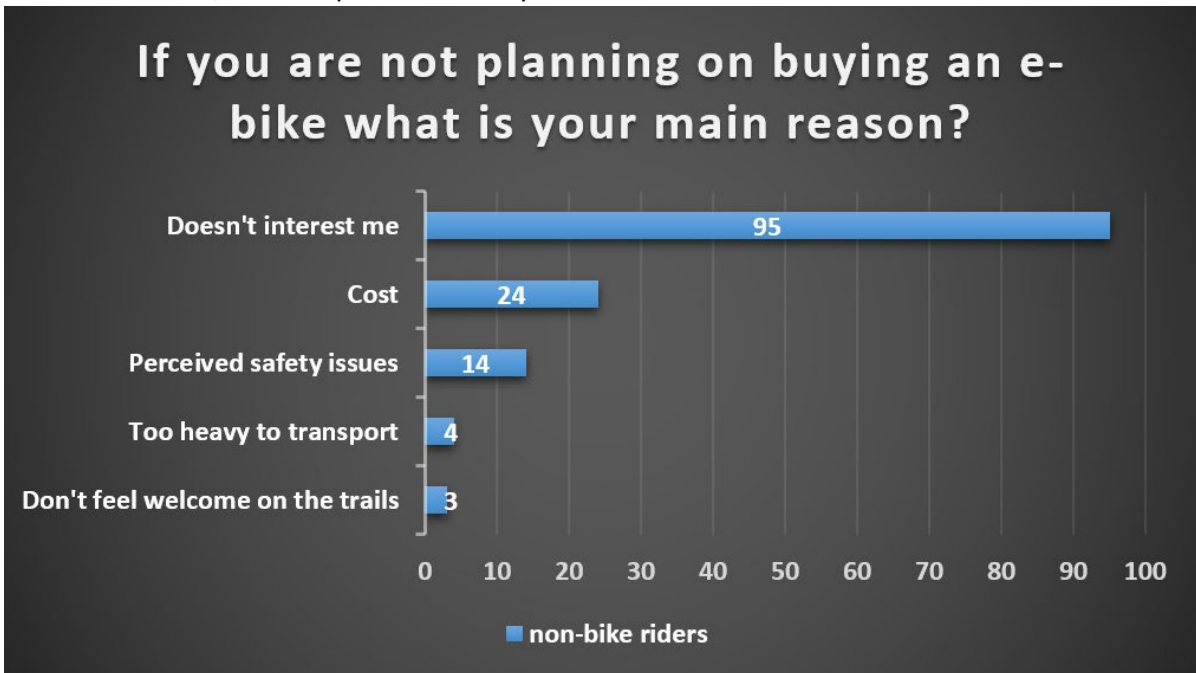
Out of the 424 e-bike responses, 100% said they would recommend an e-bike to family or friends.

14. If you are thinking about buying an e-bike what is your main reason?

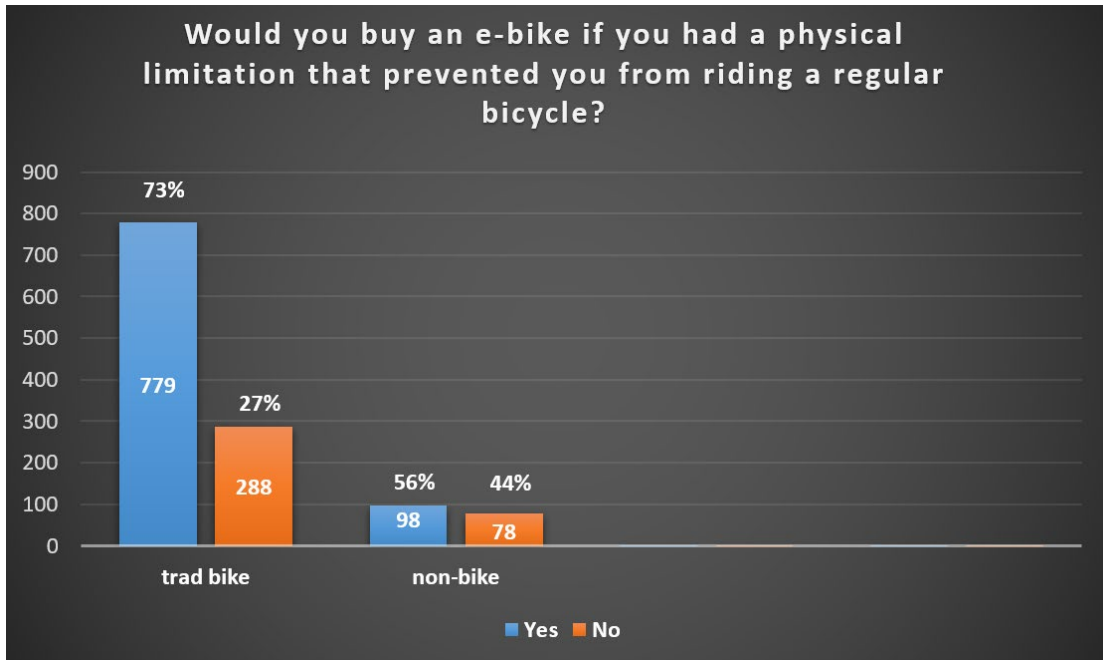


15. If you are not planning on buying an e-bike what is your main reason?

- Of the 140 non-bike user responses, the main reason for them not buying an e-bike is it doesn't interest them, cost and perceived safety issues are also reasons.

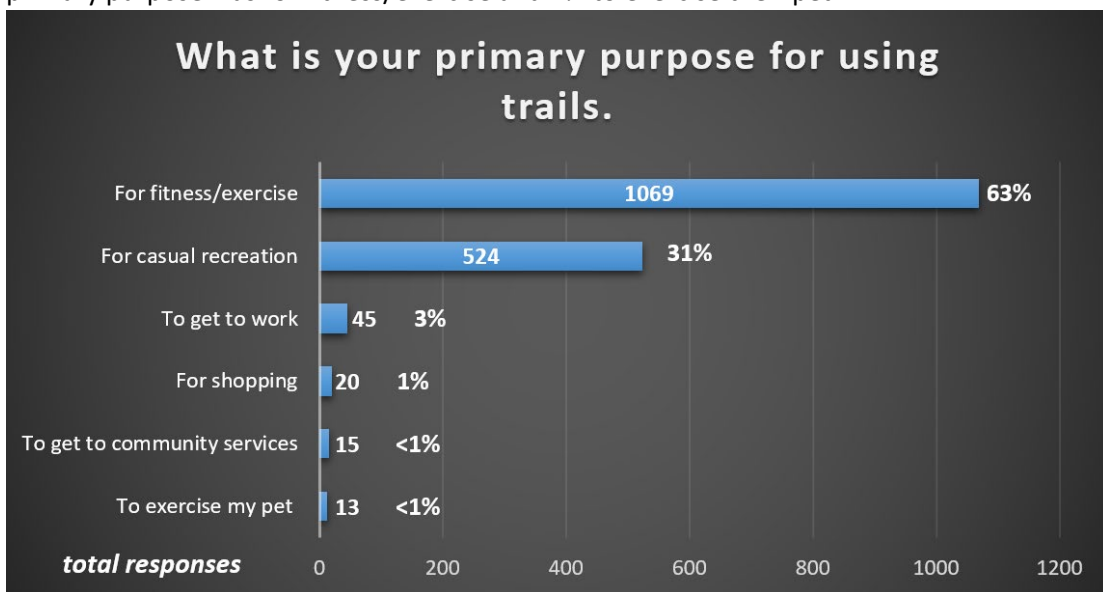


16. Would you buy an e-bike if you had a physical limitation that prevented you from riding a regular bicycle?



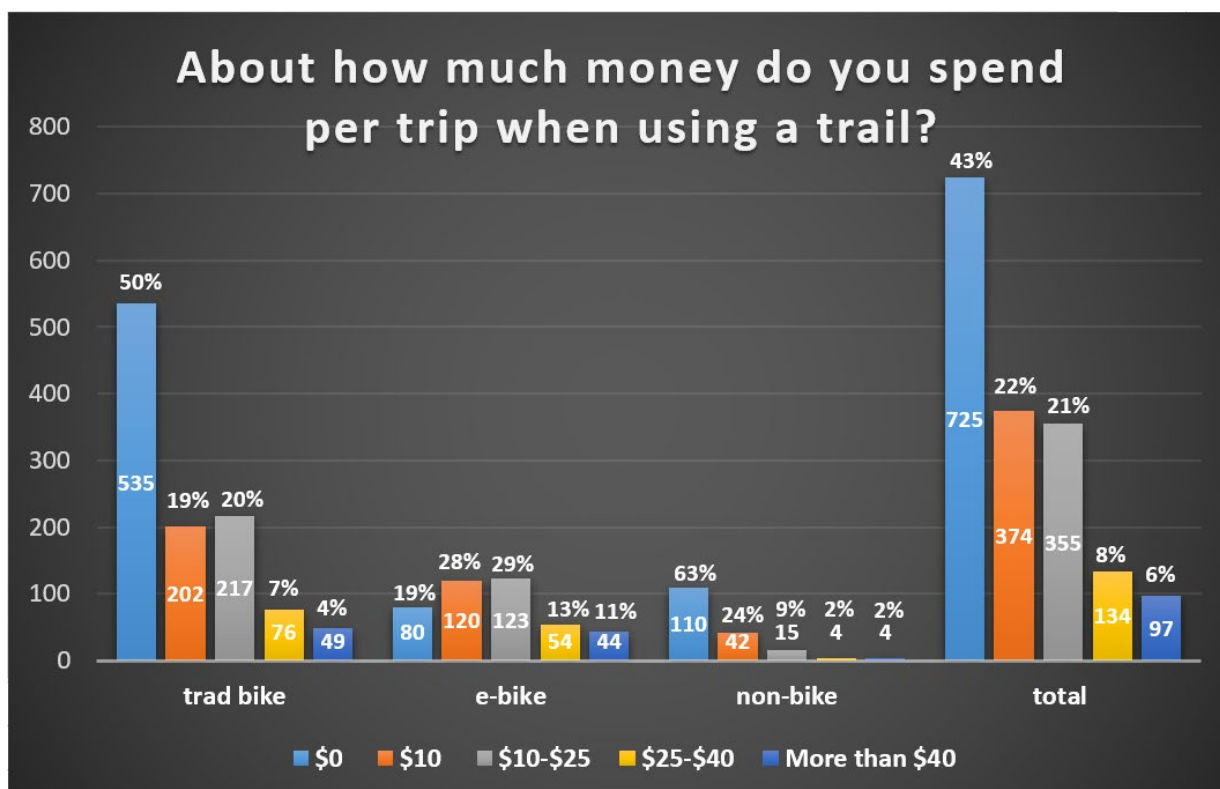
17. What is your primary trip purpose when riding on a local trail?

- Of the 1,085 traditional biker responses, less than 1% primary purpose was to get to community services or for shopping, 1% primary purpose was to get to work, 25% primary purpose was for casual recreation and 72% primary purpose was for fitness/exercise.
- Of the 426 e-bike responses, less than 1% primary purpose was to get to community services or for shopping, 6% primary purpose was to get to work, 50% primary purpose was for casual recreation and 40% primary purpose was for fitness/exercise.
- Of the 89 traditional biker responses, less than 1% primary purpose was to get to community services or for shopping, 7% primary purpose was to get to work, 38% primary purpose was for casual recreation, 38% primary purpose was for fitness/exercise and 15% was to exercise their pet.
- Of the total 1,600 responses traditional, 1% primary purpose was to get to community services, 1% for shopping, 3% primary purpose was to get to work, 33% primary purpose was for casual recreation, 67% primary purpose was for fitness/exercise and 1% to exercise their pet.



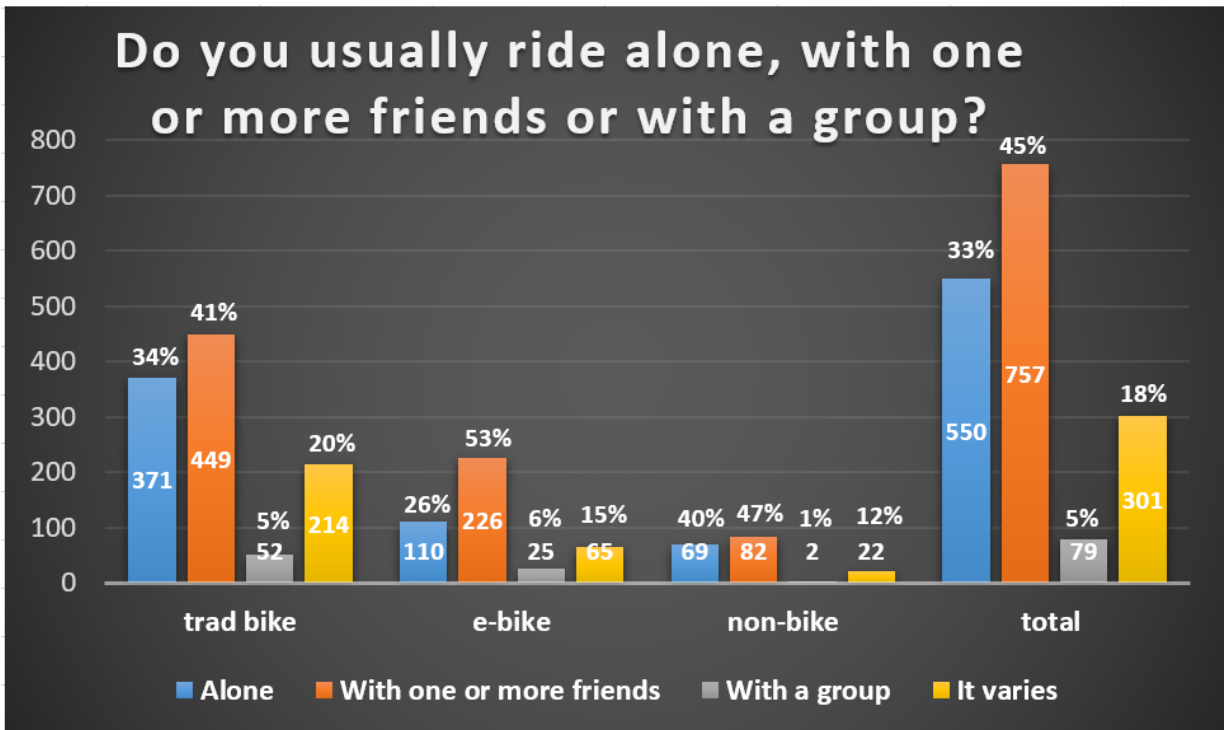
18. About how much money do you spend per trip when using a trail?

- Of the 1,079 traditional biker responses, 50% spent \$0 when using a trail, 19% spent \$10, 20% spent \$10 - \$25, 7% spent \$25 - \$40 and 4% spent more than \$40 while using a trail.
- Of the 421 e-biker responses, 19% spent \$0 when using a trail, 28% spent \$10, 29% spent \$10 - \$25, 13% spent \$25 - \$40 and 11% spent more than \$40 while using a trail.
- Of the 175 non-biker responses, 63% spent \$0 when using a trail, 24% spent \$10, 9% spent \$10 - \$25, 2% spent \$25 - \$40 and 2% spent more than \$40 while using a trail.
- Of the total 1,985 responses, 43% spent \$0 when using a trail, 22% spent \$10, 21% spent \$10 - \$25, 8% spent \$25 - \$40 and 6% spent more than \$40 while using a trail.



19. Do you usually ride alone, with one or more friends or with a group?

- Of the 1,086 traditional biker responses, 34% rode alone, 41% rode with one or more friends, 5% rode with a group, and 20% said it varied.
- Of the 426 e-biker responses, 26% rode alone, 53% rode with one or more friends, 6% rode with a group, and 15% said it varied.
- Of the 175 non-biker responses, 40% used the trail alone, 47% used the trail with one or more friends, 1% used the trail with a group, and 25% said it varied.
- Of the total 1,985 responses, 33% rode alone, 45% rode with one or more friends, 5% rode with a group, and 18% said it varied.



20. Would you ride with others that ride e-bikes?

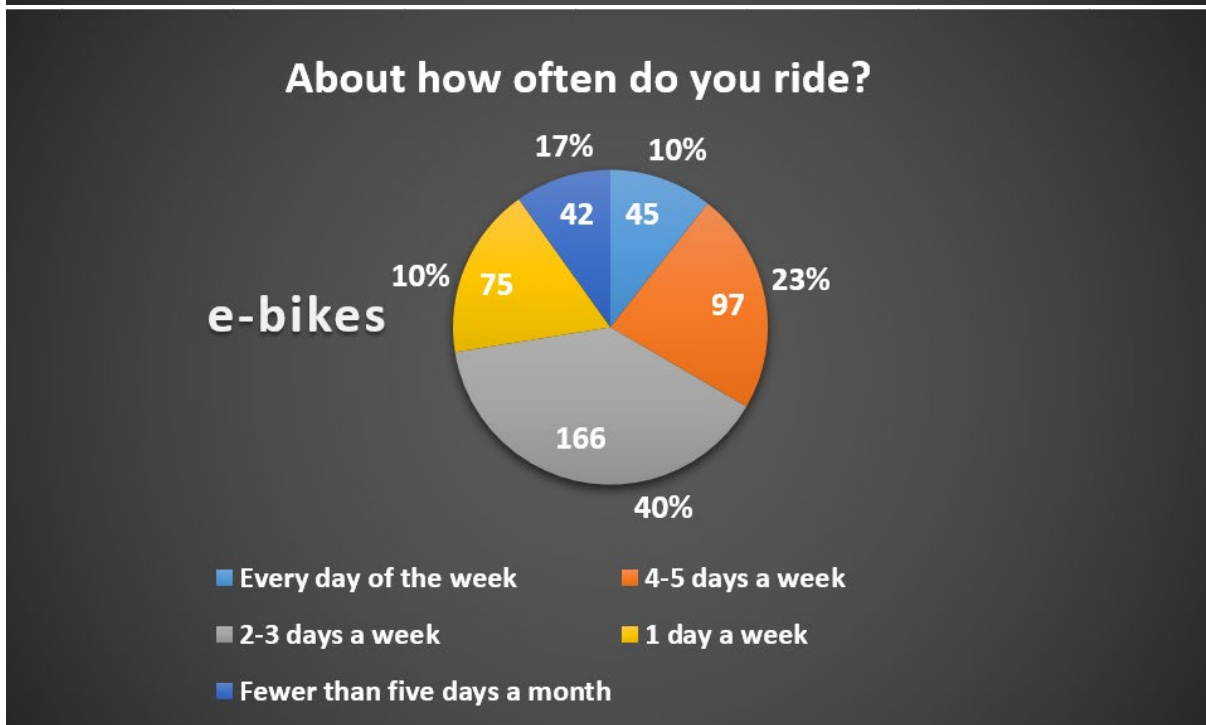
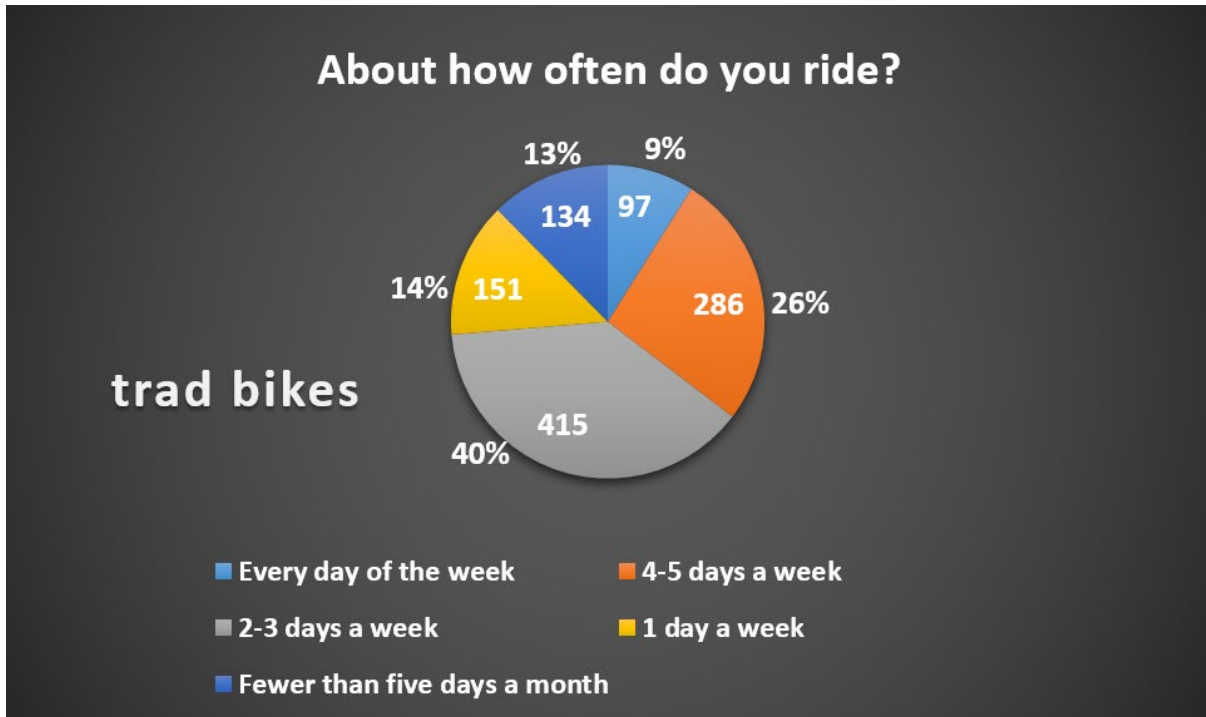
- Of the 1068 traditional bike responses, 416 (39%) said they would ride with others that ride e-bikes and 652 (61%) said they would not ride with others who ride e-bikes.



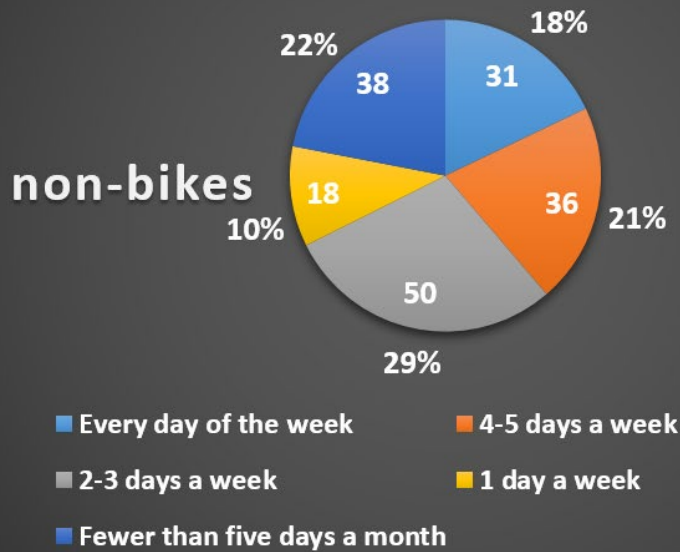
21. About how often do you ride?

- Of the 1,083 traditional biker responses, 9% rode every day of the week, 26% rode 4-5 days a week, 38% rode 2-3 days a week, 14% rode 1 day a week and 13% rode fewer than 5 days a month.

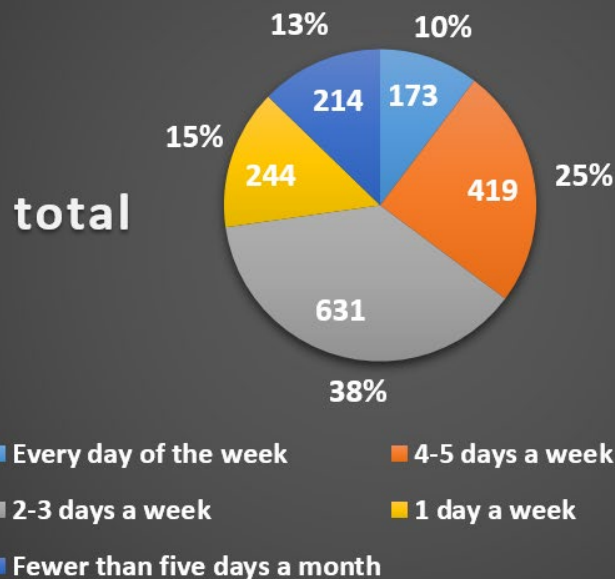
- Of the 426 e-biker responses, 10% rode every day of the week, 23% rode 4-5 days a week, 40% rode 2-3 days a week, 10% rode 1 day a week and 17% rode fewer than 5 days a month.
- Of the 173 non-biker responses 188% used trails every day of the week, 21% used trails 4-5 days a week, 29% used trails 2-3 days a week, 10% used trails 1 day a week and 22% used trails fewer than 5 days a month.
- Of the total 1,681 responses, 10% used trails every day of the week, 25% used trails 4-5 days a week, 38% used trails 2-3 days a week, 15% used trails 1 day a week and 13% used trails fewer than 5 days a month.



About how often do you use a trail?

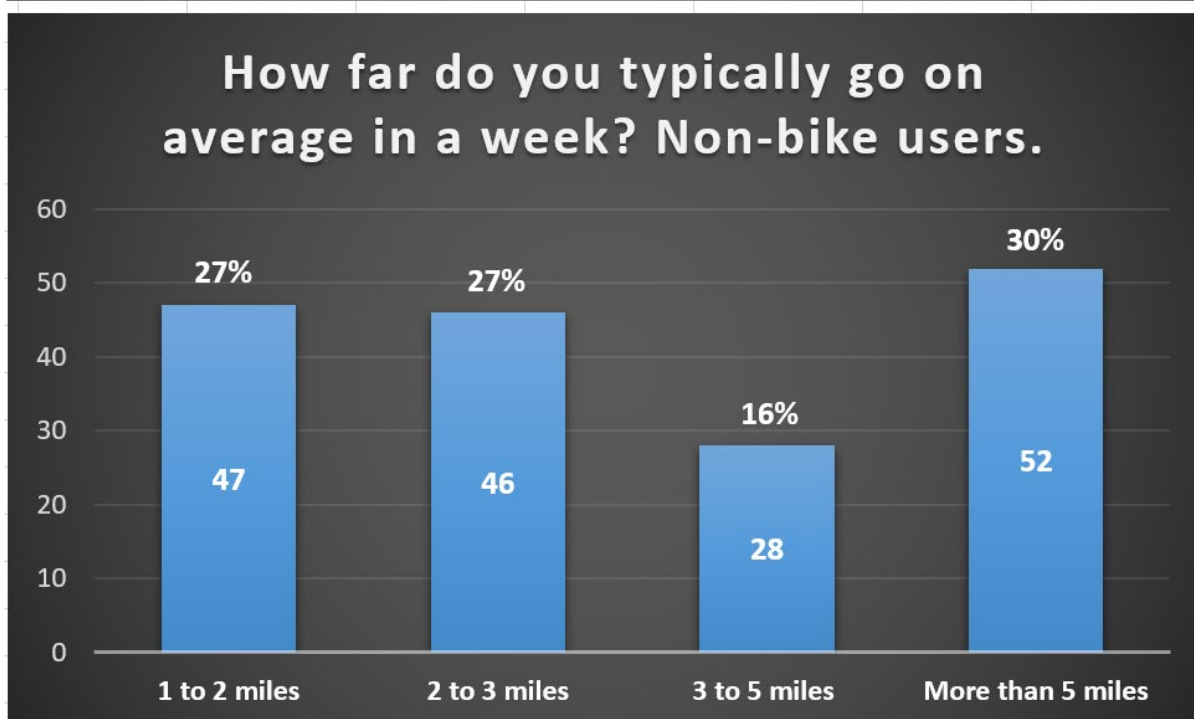
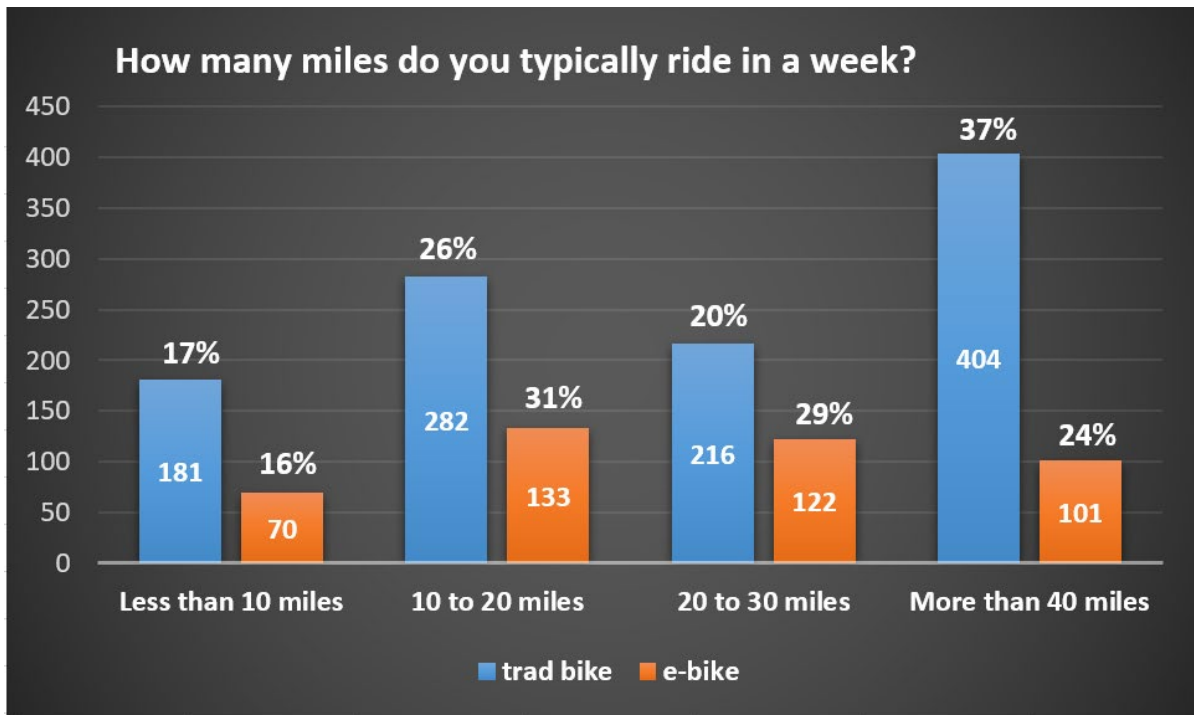


About how often do you ride?



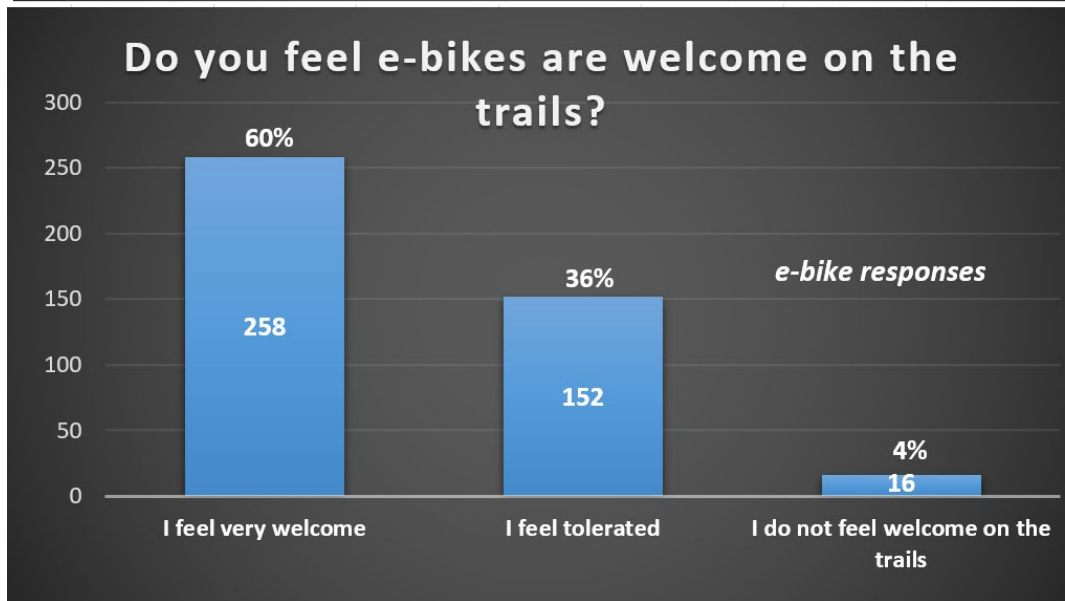
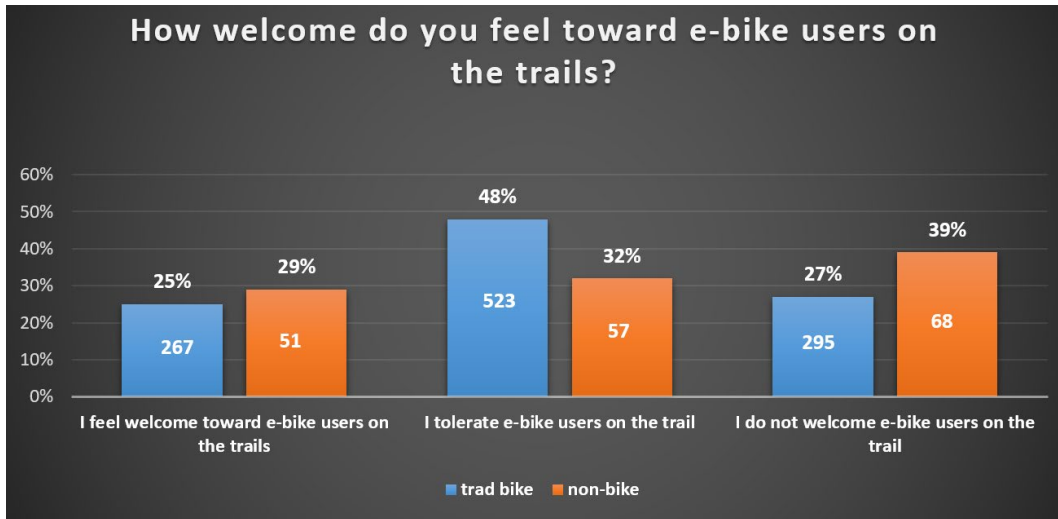
22. How many miles do you typically ride in a week?

- Of the 1,083 traditional biker responses 17% rode less than 10 miles per week, 26% rode 10-20 miles per week, 20% rode 20-30 miles per week and 37% rode more than 40 miles per week.
- Of the 426 e-biker responses 16% rode less than 10 miles per week, 31% rode 10-20 miles per week, 29% rode 20-30 miles per week and 24% rode more than 40 miles per week.
- Of the 173 non-biker responses, 27% went 1-2 miles per week, 27% went 2-3 miles per week, 16% went 3-5 miles per week and 30% went more than 5 miles per week.



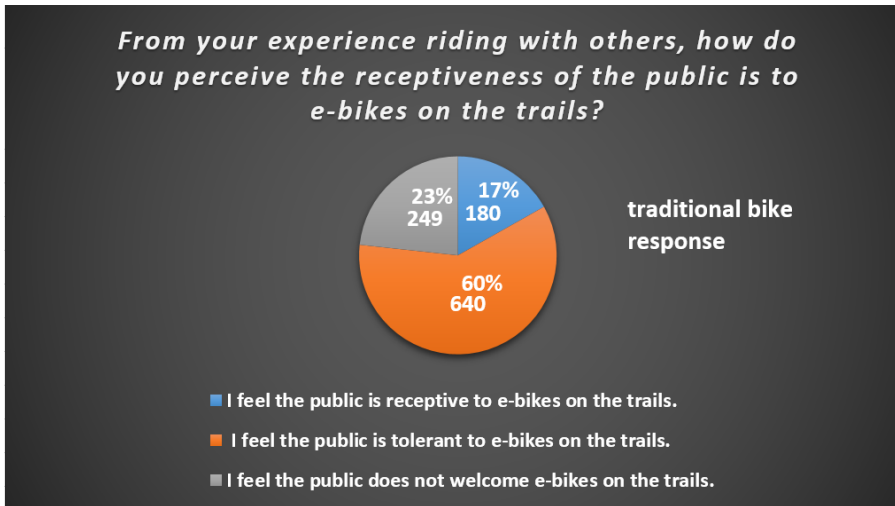
23. How welcome do you feel toward e-bike users on the trails?

- Of the 1,085 traditional biker responses 25% felt welcome towards e-bike users on the trail, 48% tolerated e-bike users on the trail and 27% did not welcome e-bike users on the trail.
- Of the 176 non-biker responses, 29% felt welcome towards e-bike users on the trail, 32% tolerated e-bike users on the trail and 39% did not welcome e-bike users on the trail.
- Of the 426 e-biker responses 60% feel very welcome on the trails, 36% feel tolerated on the trails and 4% do not feel welcome on the trails.



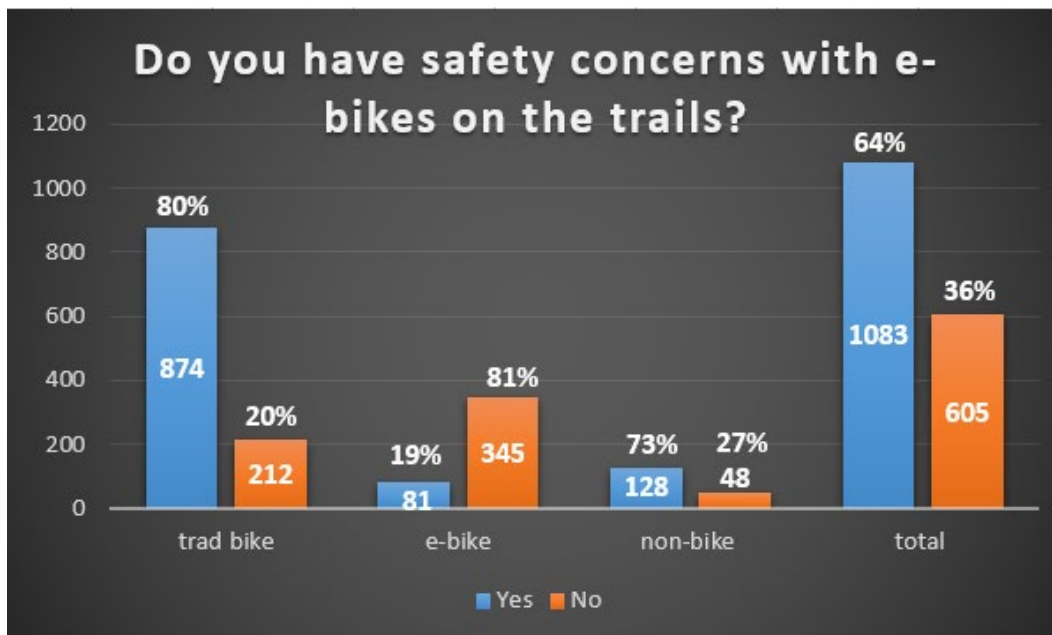
24. From your experience riding with others, how do you perceive the receptiveness of the public to e-bikes on the trails?

- Of the 1,069 traditional bike responses, 17% felt the public is receptive to e-bikes on the trails, 60% felt the public is tolerant to e-bikes on the trails and 23% felt the public does not welcome e-bikes on the trails.



25. Do you have safety concerns with e-bikes on the local trails?

- Of the 1,086 traditional biker responses, 80% said yes and 20% said no to having safety concerns with e-bikes on the trails.
- Of the 426 e-bike responses, 19% said yes and 81% said no to having safety concerns with e-bikes on the trails.
- Of the 176 of the non-biker responses, 73% said yes and 27% said no having safety concerns with e-bikes on the trails.
- Out of the total 1,688 responses, 64% said yes and 36% said no to having safety concerns with e-bikes on the trails.

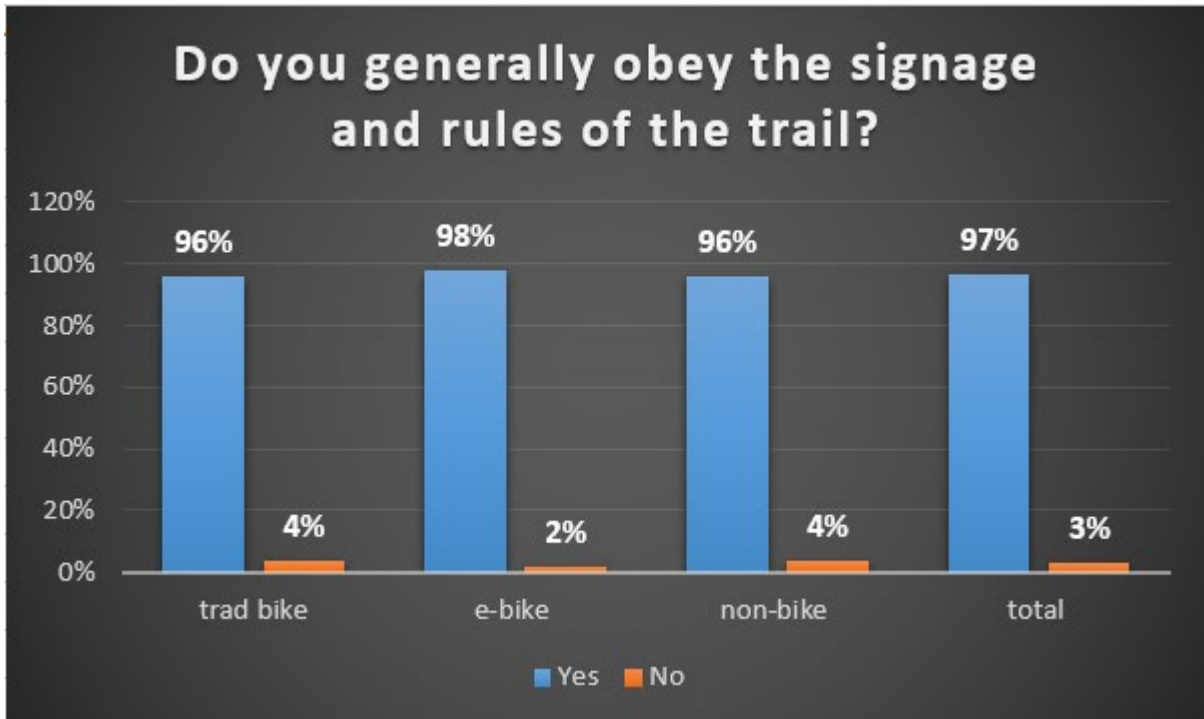


The top 5 answers for those who have safety concerns regarding e-bikes were from traditional bikers and non-bikers and are:

1. Speed of e-bikes.
2. E-bike users are reckless, dangerous, don't follow the rules, and lack courtesy.
3. The e-bikes are beyond the physical ability of the user (often newbies and rentals).
4. The weight, size and lack of sound of the e-bike.
5. E-bikes need to be on their own facility or on the road, trails are for NON motorized vehicles.

26. Do you generally obey the signage and rules of the trail while on your bicycle?

- Of the 1,081 traditional biker responses, 96% said yes and 4% said no to generally obeying the signage and rules of the trail.
- Of the 426 e-bike responses, 98% said yes and 2% said no to generally obeying the signage and rules of the trail.
- Of the 169 of the non-biker responses, 96% said yes and 4% said no to generally obeying the signage and rules of the trail.
- Out of the total 1,683 responses, 97% said yes and 3% said no to generally obeying the signage and rules of the trail.



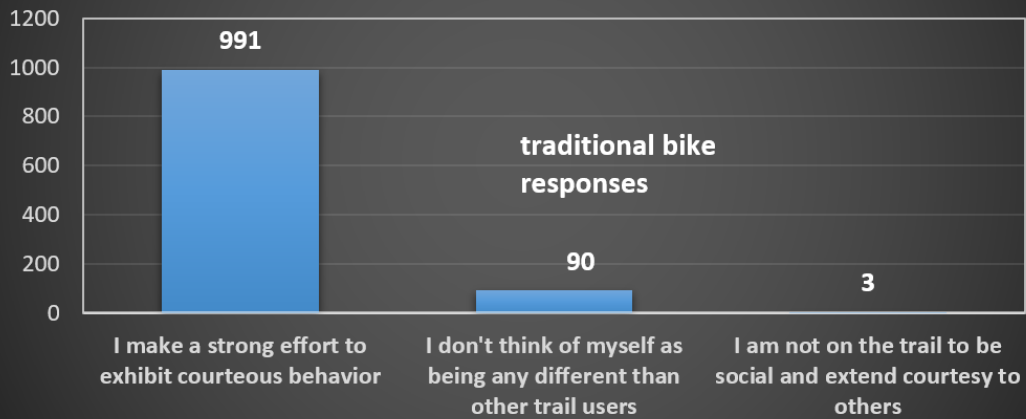
For those who answered no, they did not obey signage and rules of the trails, the top 3 reasons are:

1. I have kids who make mistakes and stray into the middle of the trail. It takes constant redirecting
2. Don't want to
3. I don't walk / run on the spurs as there too many dog walkers there.

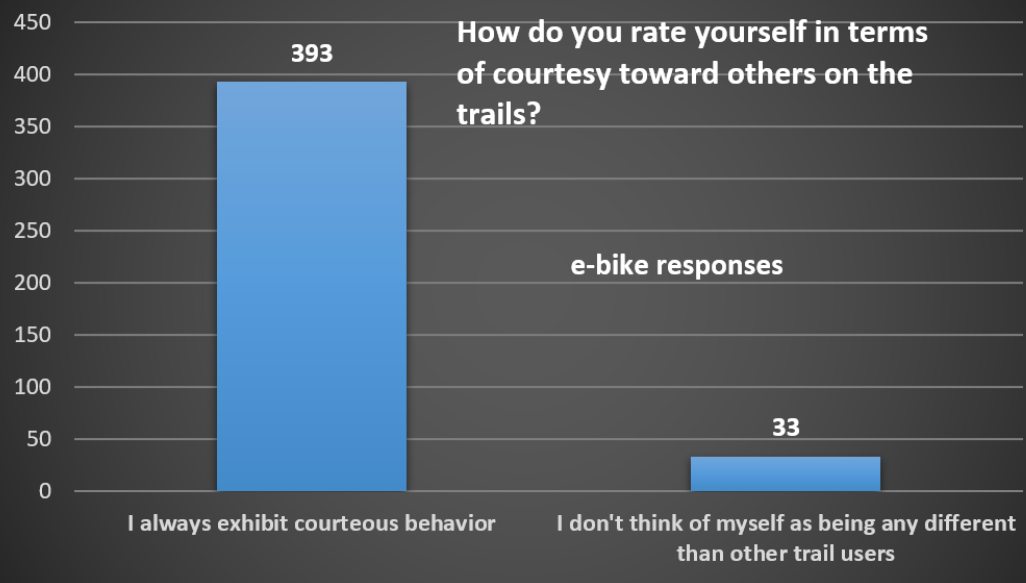
27. How do you rate yourself in terms of courtesy toward others on the trails?

- Of the 1,084 traditional biker responses 91% felt they make a strong effort to exhibit courteous behavior on the trails, 8% don't think of themselves as being any different than other trail users, and 1% feel they are not on the trail to be social and extend courtesy to others.
- Of the 426 e-biker responses 82% feel they always exhibit courteous behavior on the trails and 8% don't think they are different than other trail users.
- Of the 175 non-biker responses, 85% felt they always exhibit courteous behavior, 14% don't think of themselves as being any different than other trail users and 1% feel they are not on the trail to be social and extend courtesy to others.

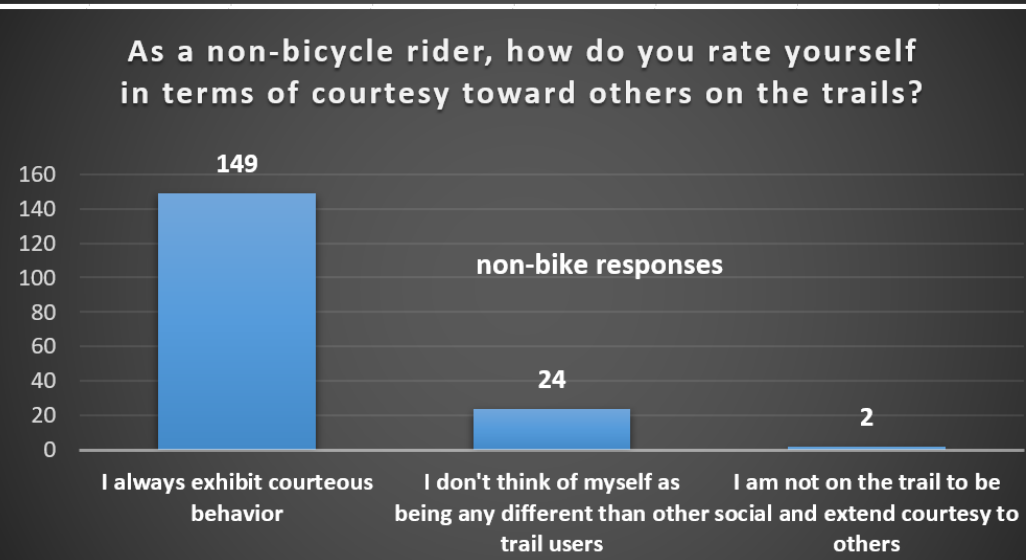
How do you rate yourself in terms of courtesy toward others on the trails?



How do you rate yourself in terms of courtesy toward others on the trails?

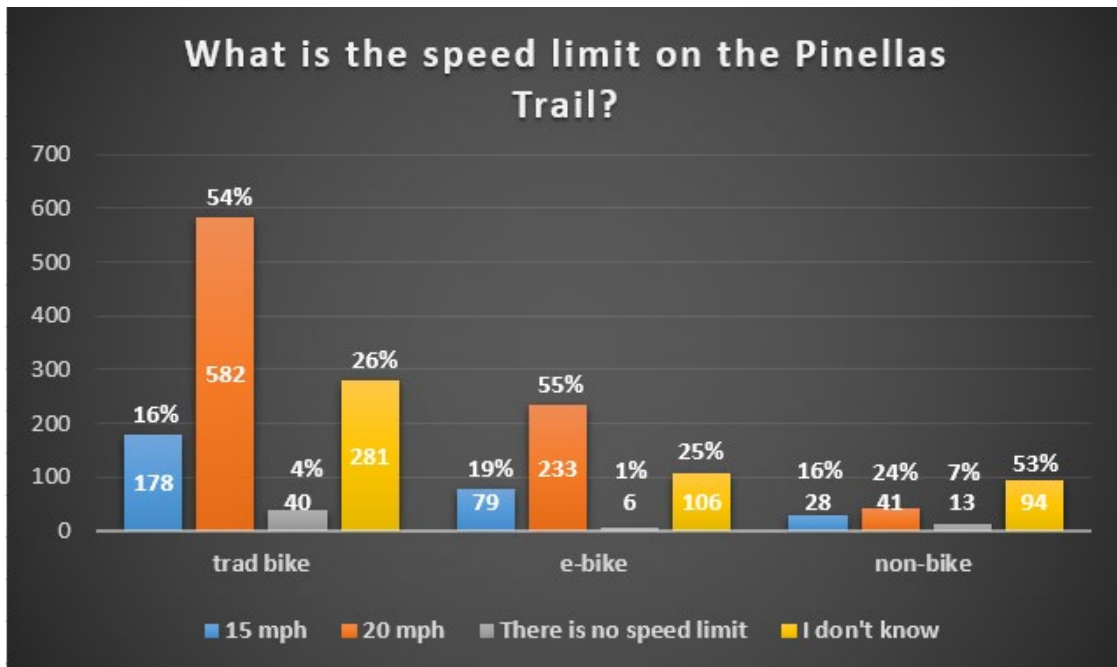


As a non-bicycle rider, how do you rate yourself in terms of courtesy toward others on the trails?



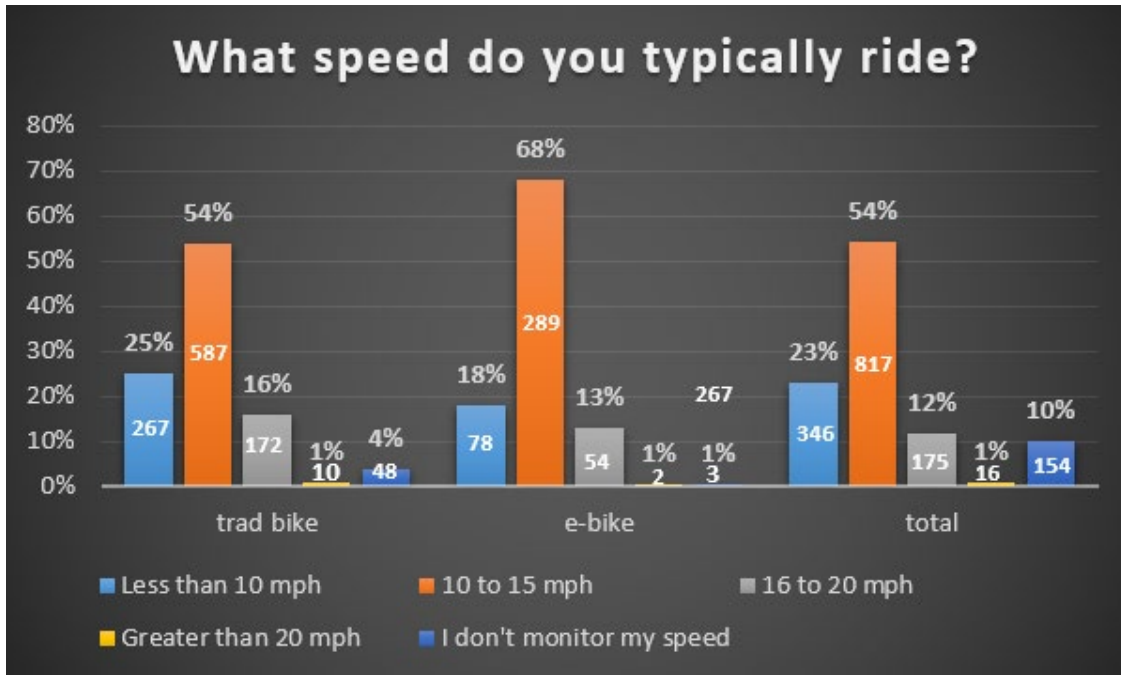
28. What is the speed limit on the Pinellas Trail?

- Of the 1,081 traditional biker responses, 16% said the speed limit on the Pinellas Trail was 15 mph, 54% said it was 20 mph, 4% said there was no speed limit and 26% said they didn't know the speed limit on the Pinellas Trail.
- Of the 424 e-biker responses 19% said the speed limit on the Pinellas Trail was 15 mph, 55% said it was 20 mph, 1% said there was no speed limit and 25% said they didn't know the speed limit on the Pinellas Trail.
- Of the 176 non-biker responses, 16% said the speed limit on the Pinellas Trail was 15 mph, 24% said it was 20 mph, 7% said there was no speed limit and 53% said they didn't know the speed limit on the Pinellas Trail.



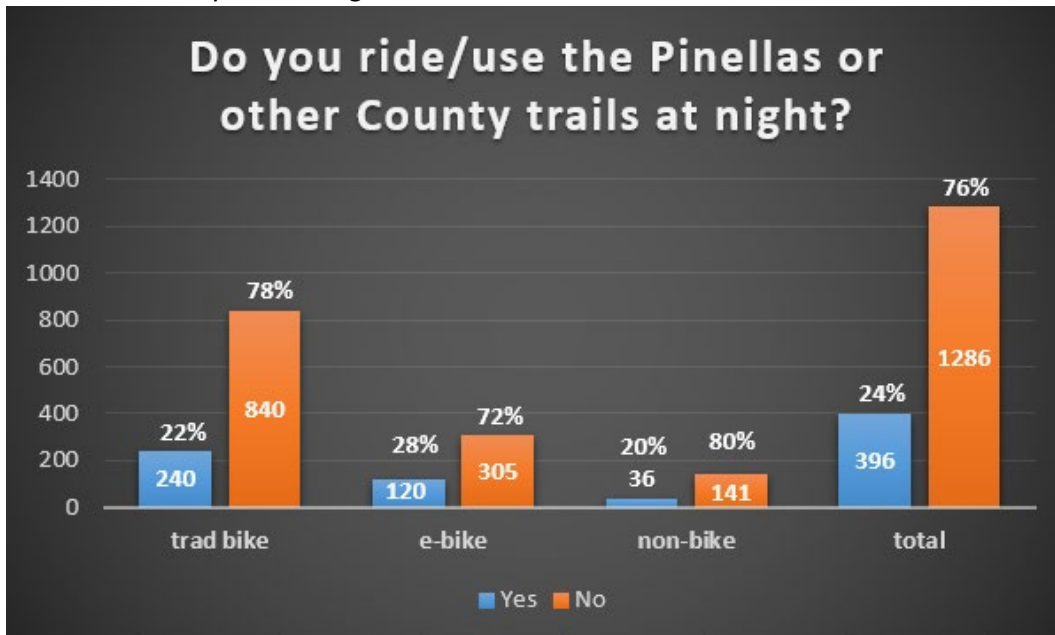
29. What speed do you typically ride on an e-bike?

- Of the 1,084 traditional biker responses, 25% said they typically ride less than 10 mph, 54% said they ride 10 – 15 mph, 16% said they ride 16-20 mph, 1% said they ride greater than 20 mph and 4% said they don't monitor their speed.
- Of the 424 e-biker responses, 18% said they typically ride less than 10 mph, 68% said they ride 10 – 15 mph, 13% said they ride 16-20 mph, 1% said they ride greater than 20 mph and 1% said they don't monitor their speed.
- Of the total 1,508 bike responses, 54% said they road 10-15 mph, 23% said they rode less than 10 mph, 12% said they rode 16-20 mph, 10% said they didn't monitor their speed and only 1% said they rode greater than 20 mph.



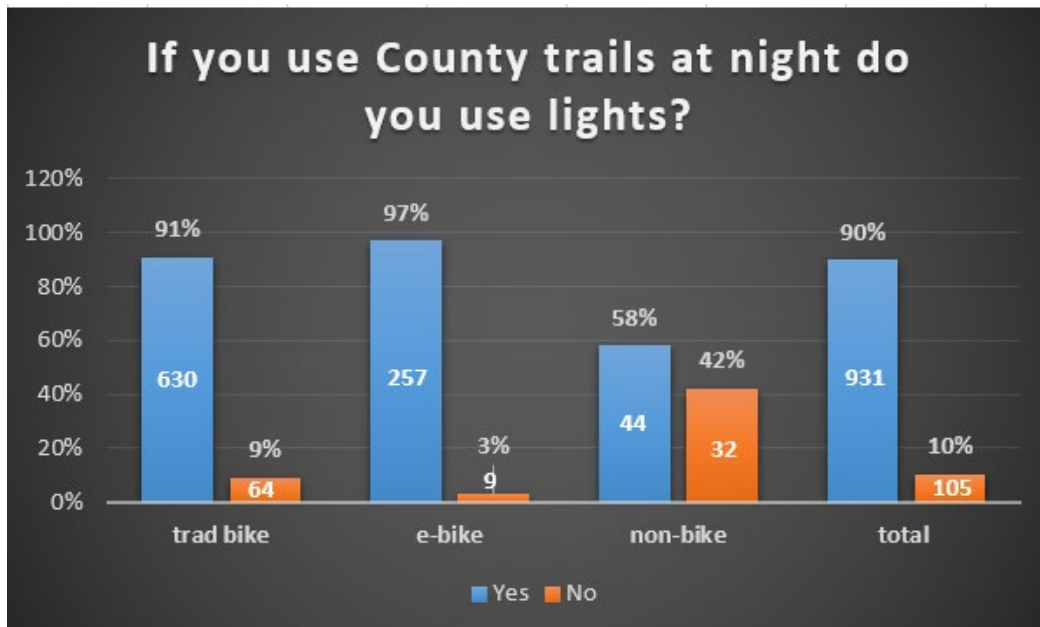
30. Do you ride/use County trails at night?

- Of the 1,080 traditional biker responses, 22% said yes they ride on County trails at night and 78% said no they do not ride on County trails at night.
- Of the 425 e-bike responses, 28% said yes they ride on County trails at night and 72% said no they do not ride on County trails at night.
- Of the 177 of the non-biker responses, 20% said yes they used County trails at night and 80% said no they do not use County trails at night.
- Out of the total 1,682 responses, 24% said yes they use County trails at night and 76% said no they do not use County trails at night.



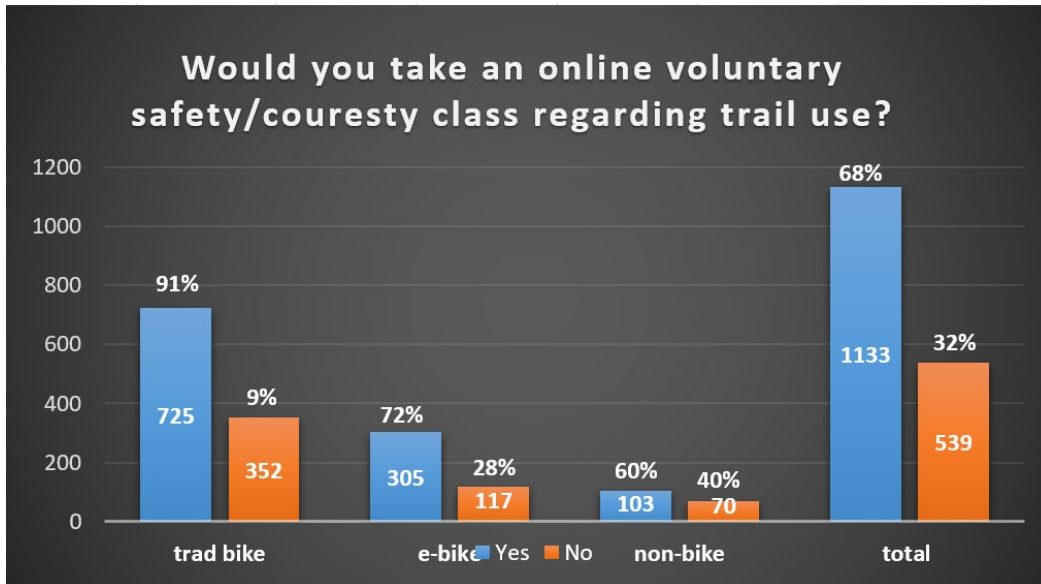
31. If you ride/use County trails at night, do you use bike lights?

- Of the 694 traditional biker responses, 91% said yes they use lights and 9% said no they do not use lights if they ride on County trails at night.
- Of the 266 e-bike responses, 97% said yes they use lights and 3% said no they do not use lights if they ride on County trails at night.
- Of the 76 of the non-biker responses, 58% said yes they use lights at night and 42% said no they do not use lights if they use County trails at night.
- Out of the total 1,036 responses, 90% said yes they use lights at night and 10% said no they do not use lights if using County trails at night.



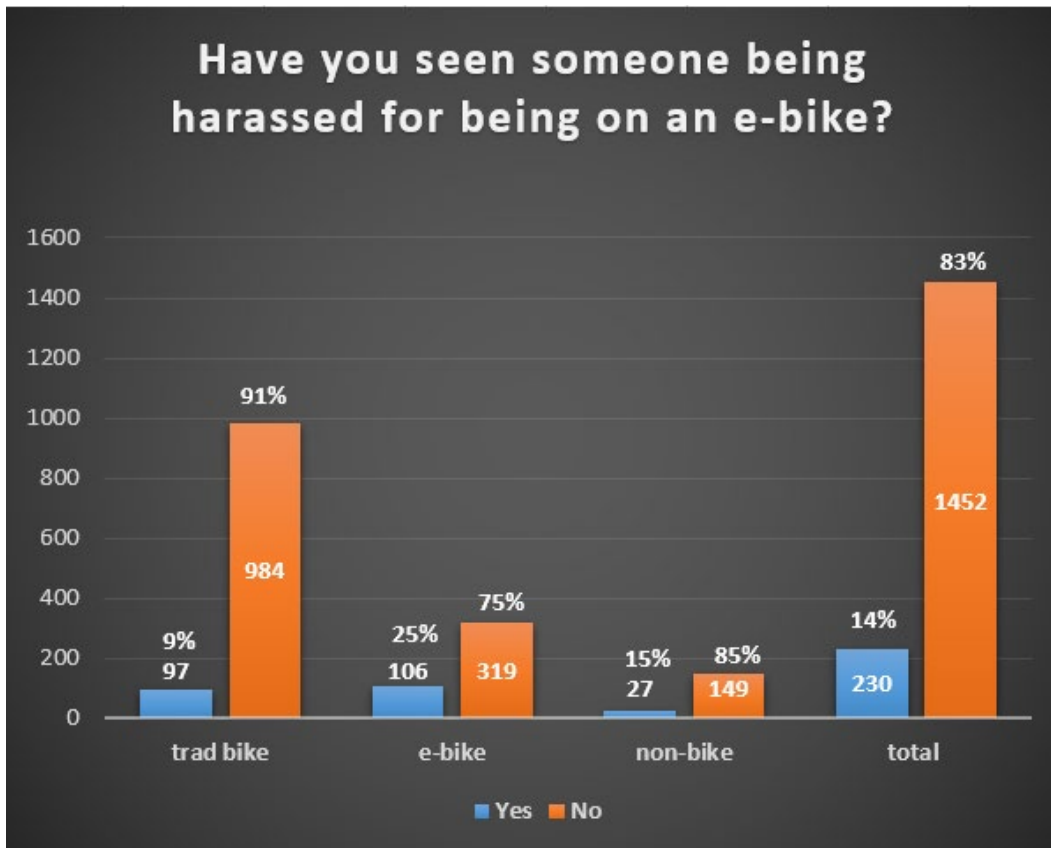
32. Would you take an online 15 minute voluntary safety/courtesy class from your home computer regarding trail use if available to you?

- Of the 1077 traditional biker responses, 91% said yes they would take an online voluntary safety/courtesy class and 9% said no they would not.
- Of the 266 e-bike responses, 72% said yes they would take an online voluntary safety/courtesy class and 28% said no they would not.
- Of the 76 of the non-biker responses, 60% said yes they would take an online voluntary safety/courtesy class and 40% said no they would not.
- Out of the total 1,036 responses, 68% said yes they would take an online voluntary safety/courtesy class and 32% said no they would not.



33. Have you seen someone being harassed for being on an e-bike?

- Of the 1081 traditional biker responses, 9% said yes they had seen someone being harassed for being on an e-bike and 91% said no
- Of the 425 e-bike responses, 28% said yes they had been harassed for being on an e-bike and 72% said no.
- Of the 176 of the non-biker responses, 15% said they had seen someone being harassed for being on an e-bike and 85% said no.
- Out of the total 1,682 responses, 14% said yes they had seen someone being harassed for being on an e-bike and 86% said no.



34. If you have been harassed for riding an e-bike, do you avoid areas where you have been harassed?

- Of the 195 e-bike responses who said they had been harassed for riding an e-bike, 12% said they avoid the areas where they have been harassed and 88% said no.

