

E-bike Community Advisory Committee

Meeting #4



**MARIN MUNICIPAL
WATER DISTRICT**

December 10, 2019

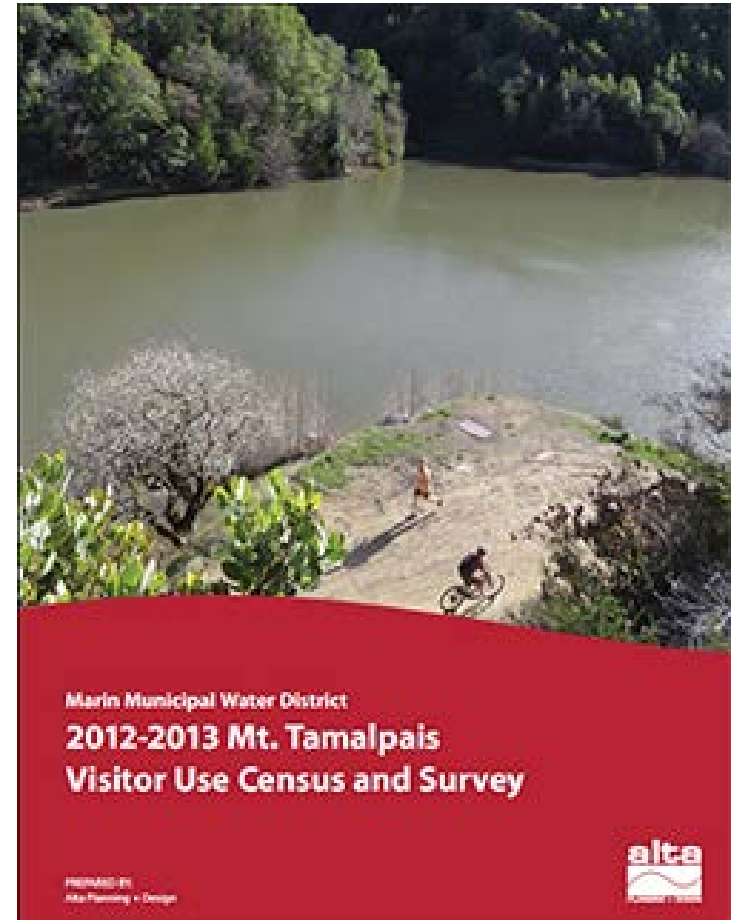
Meeting Overview

- Watershed User Census Survey
- Watershed User Survey on E-bikes
- Bicycle Etiquette Outreach-Safe Trails Marin
- Public Comment

Watershed User Census Survey

The project's objectives were to determine:

- Who is using the trail system (by visitor type and location)
- Times and patterns of use
- Visitor attitudes, preferences, and experiences



Watershed User Census Findings

Summary of Census Findings:

- Number of visitors: 13,098
- Number of dogs: 935
- 30% of visitors were bicyclists
- 70% of visitors were pedestrians
- 0.4% of visitors were equestrians
- 88% of dogs were on leash

Table 2-5: Estimated Annual Activity

Period	Activity Estimates		
	Low	Middle	High
Weekly Activity	19,000	33,000	56,000
Monthly Activity	86,000	146,000	249,000
Annual Activity	1,182,000	1,817,000	3,213,000

Watershed User Survey Overview

Visitor Origin

- 67% lived in Marin County
- 15% traveled from San Francisco County
- 63% of out of town visitors were surveyed during weekend counts

Access Mode to the Watershed

- 37% carpooled
- 28% drove alone
- 21% rode a bike
- 14% walked

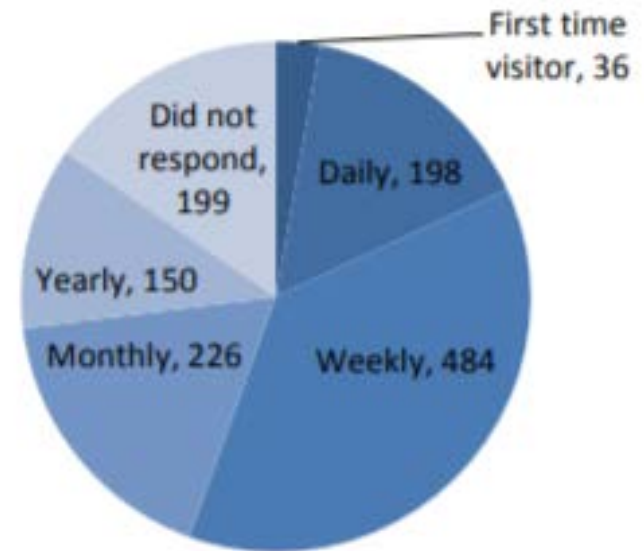


Figure 2-19: Visit Frequency

Watershed User Survey Overview

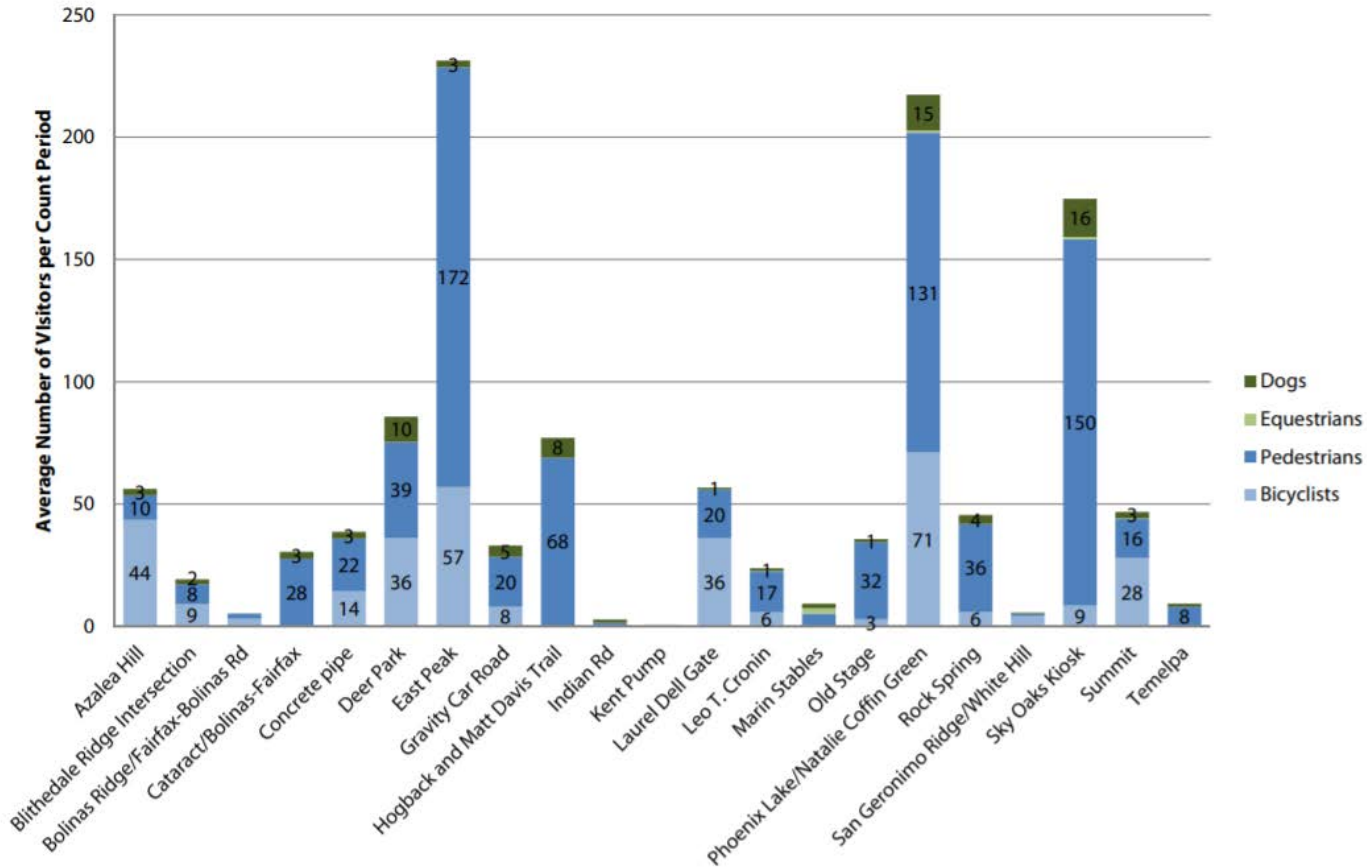


Figure 2-1: Average Visitor Volumes by 2 Hour Count Period

Watershed User Primary Activity

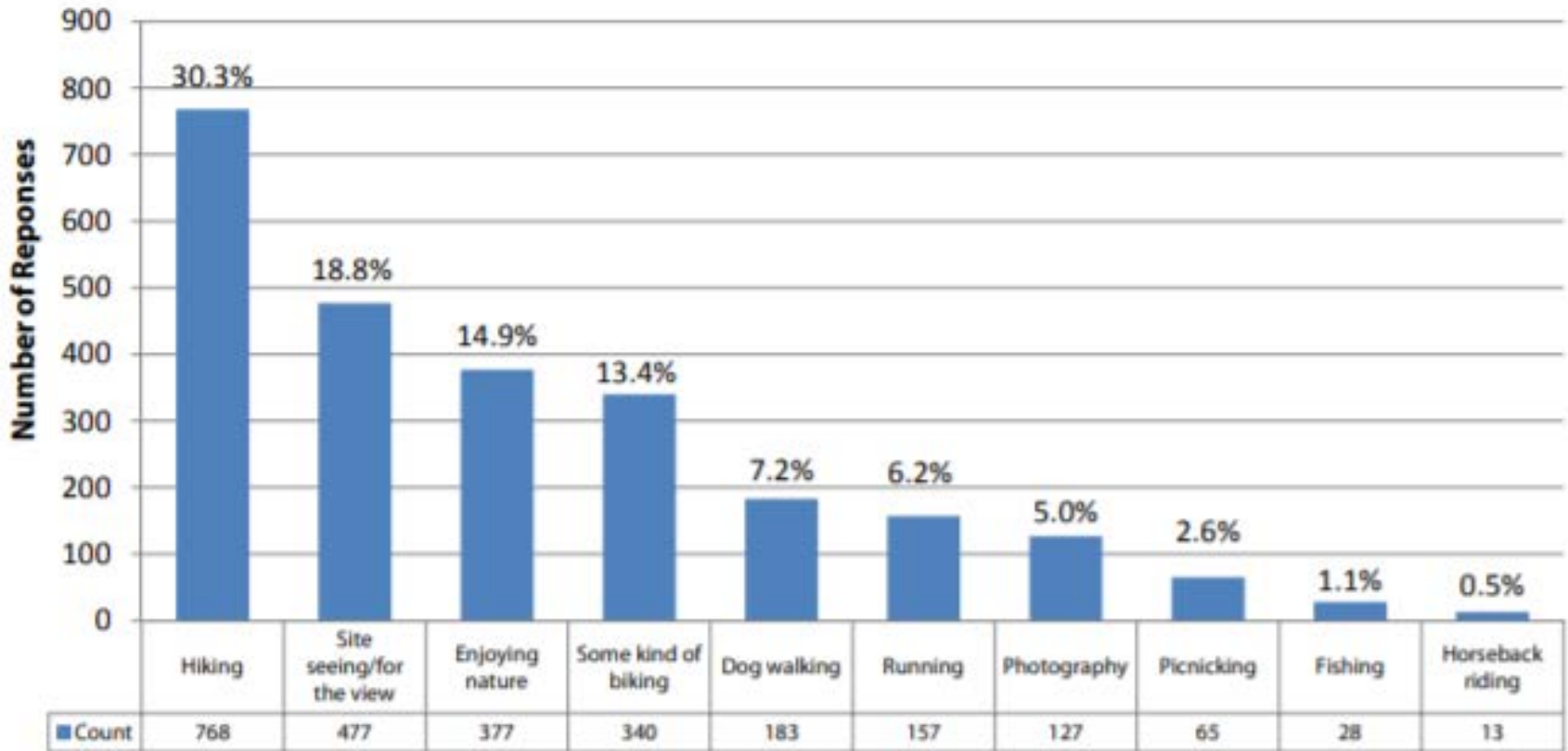


Figure 2-17: Visit Purpose

Watershed User Visitor Experience

Visitor experience:

- 90% good to great trail conditions
- 64% good to great maps & signs
- 82% good to great interactions with other visitors

Suggested Watershed Improvements

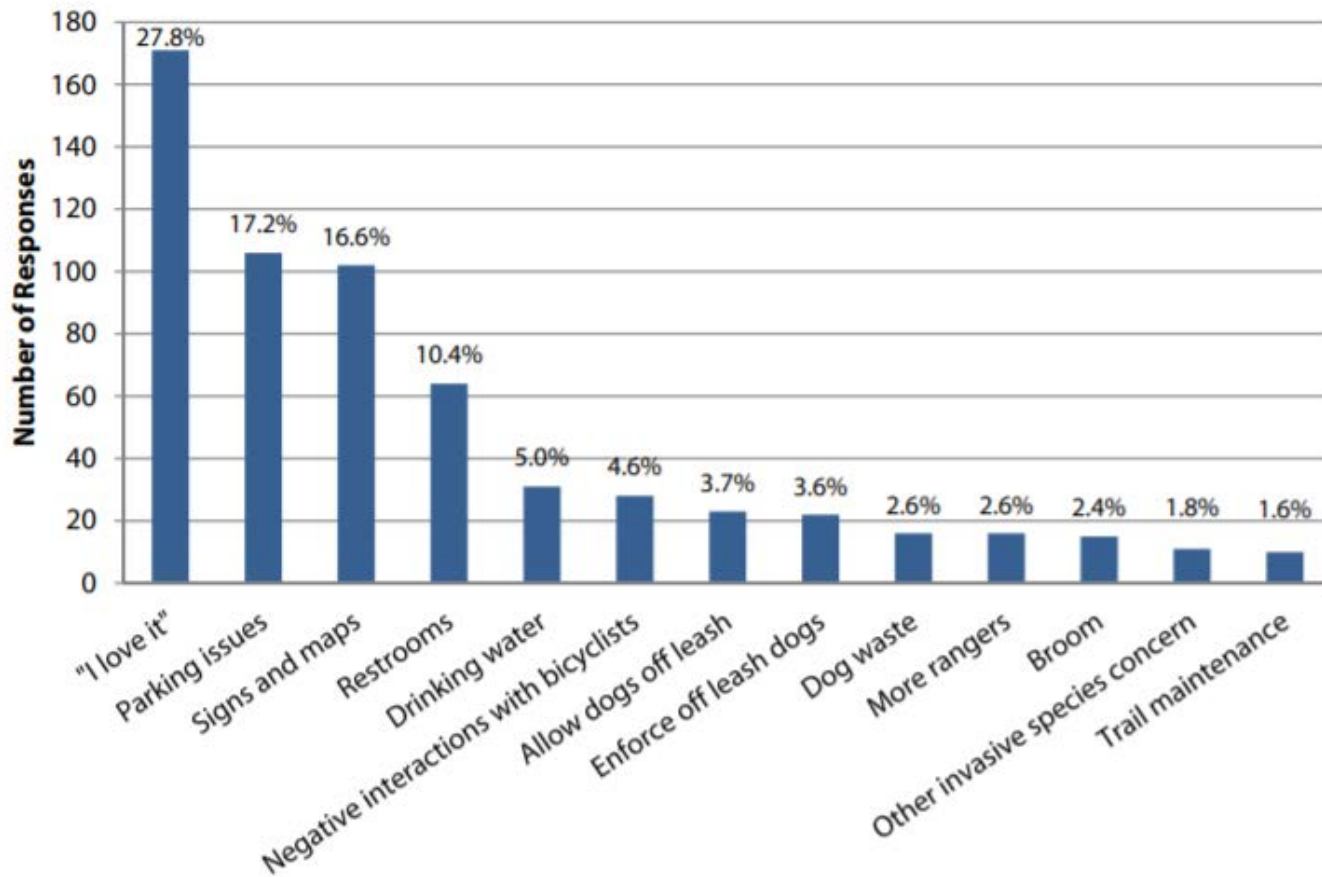


Figure 2-31: Categories of Suggested Improvement

Watershed Users by Month

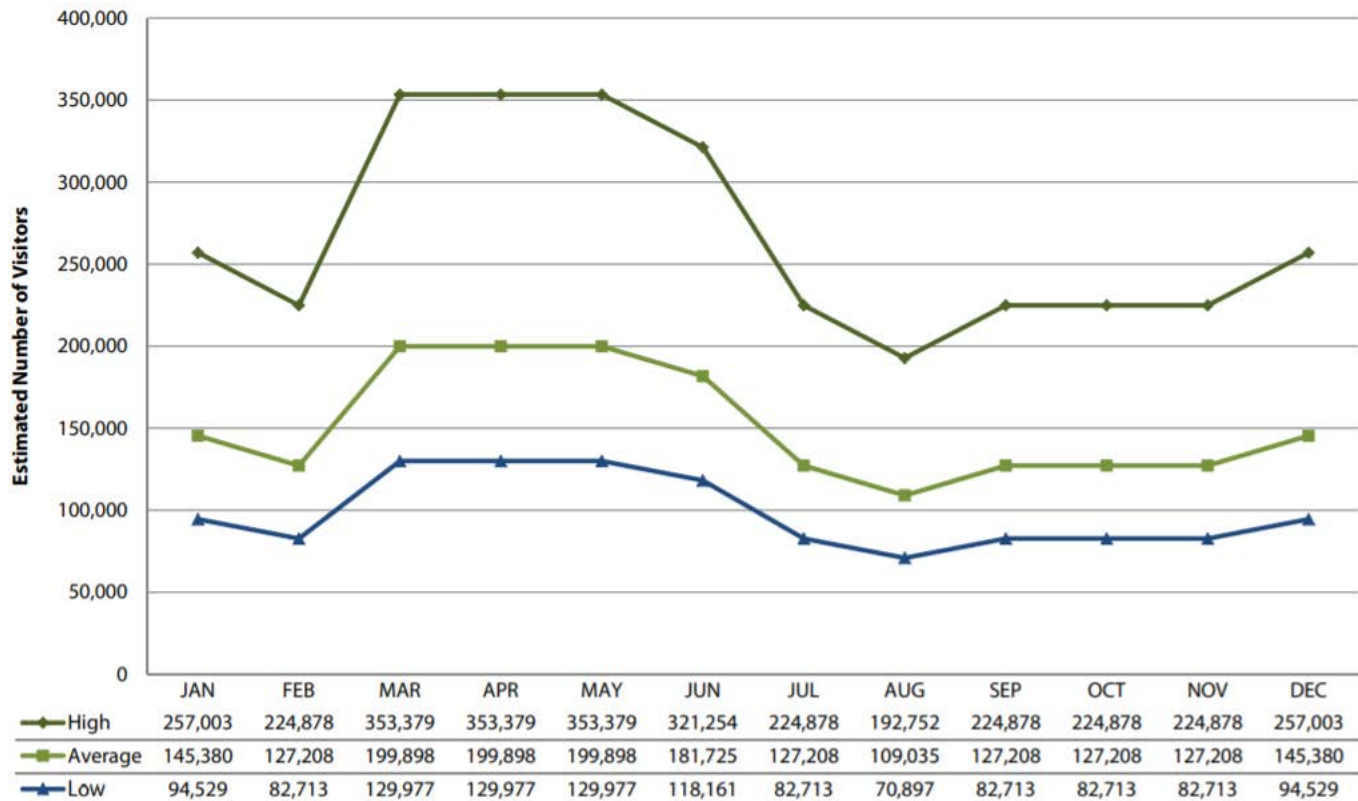


Figure 2-32: Estimated Visitors by Month

Watershed User Survey on E-bike Perceptions

2019 USER SURVEY RESULTS

User Information:

- 44 Responses
- 22 (50%) from Marin/San Francisco
- 22 (50%) from outside of the immediate area
- Ages varied: 50% under age 50; 50% over age 50.
- Largest group of respondents aged 40-50 (12)
- Majority of respondents were women (25 vs. 19)
- Majority (26) reported occasional visits; 9 reported visiting up to 4 times per month; 15 reported visiting frequently (more than 4 times per month)

2019 USER SURVEY RESULTS

User Information (continued):

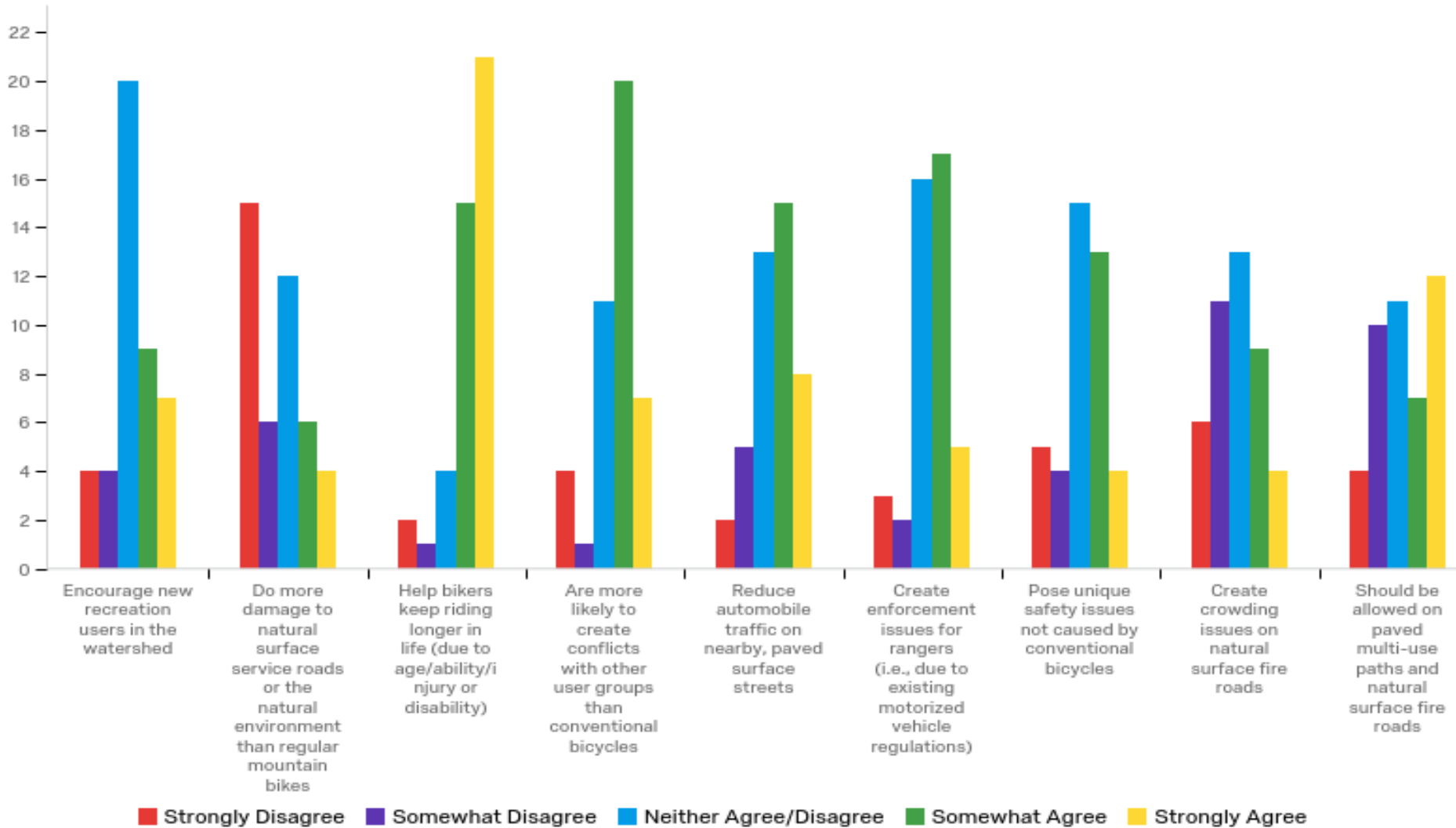
- Largest majority reported hiking as their primary activity (36)
- Nearly all reported knowing at least a little about e-bikes (36)
- 14 reported having ridden an e-bike at least once
- 8 reported riding an e-bike more than 10 times
- Nearly all (40) said they would recognize an e-bike if they saw one

2019 USER SURVEY RESULTS

E-bike Preferences:

- 23 said e-bikes should be allowed on the watershed;
- 6 said e-bikes should not be allowed
- 15 declined to state, but expressed the following support or concerns:
 - 6 expressed safety concerns, citing excessive speeds or lack of etiquette (i.e., slow and say hello)
 - 3 said they are motorized vehicles and should not be allowed on natural surface fire roads)
 - 6 said they should be allowed, citing access and lack of additional impact compared to conventional bicycles
- A significant majority (31) said they were not aware of specific safety-related incidents; 13 responded they are aware of incidents, but declined to provide additional details

2019 USER SURVEY RESULTS



Safe Trails Marin

Marin County's

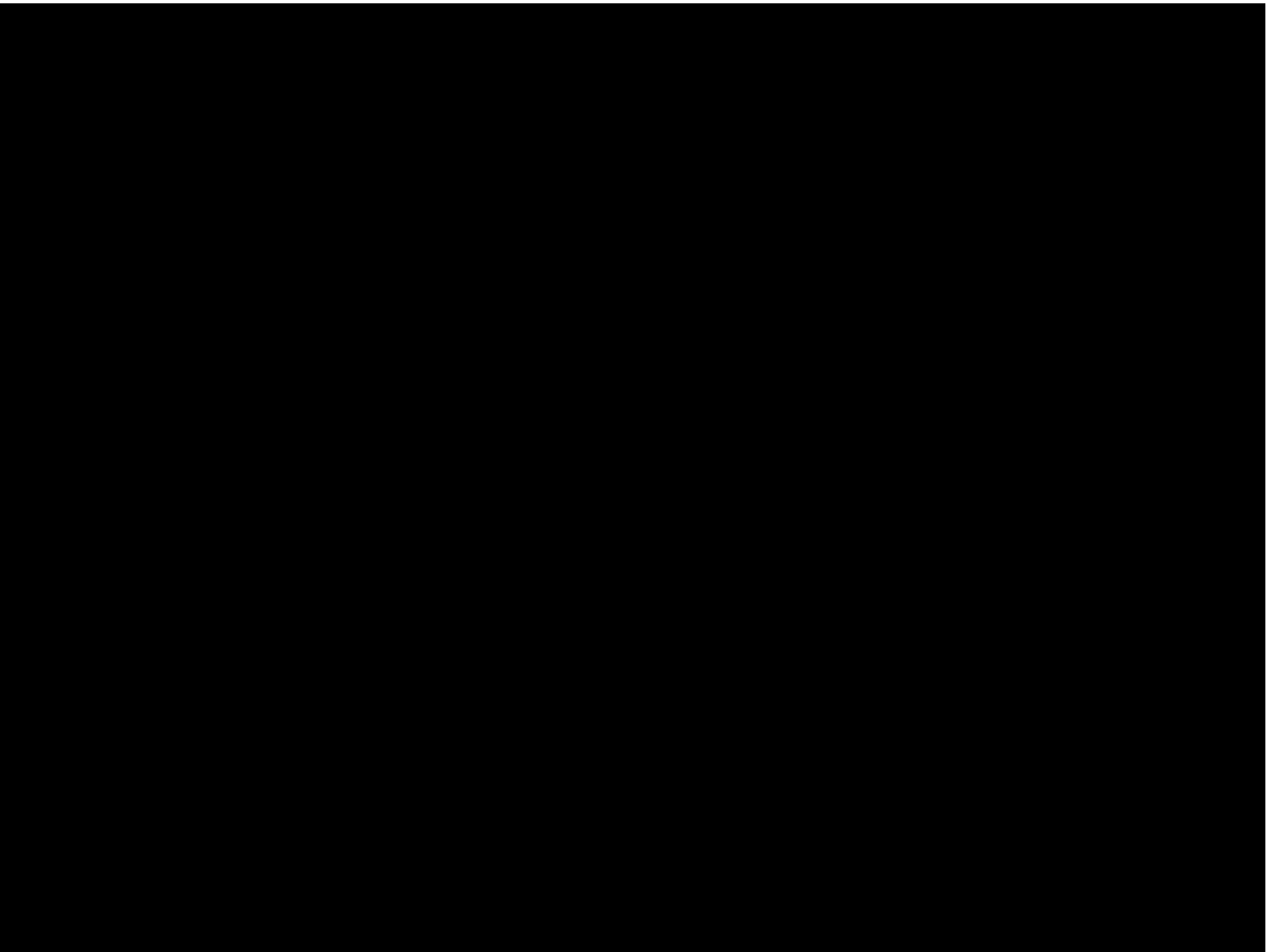
**TRAIL EDUCATION
PROGRAM**

**slow &
say**

hello!

safetrailsmarin.org

December 10, 2019



KEY GROUPS



Protecting Marin Since 1934

COMMON GOALS

TRAIL SAFETY



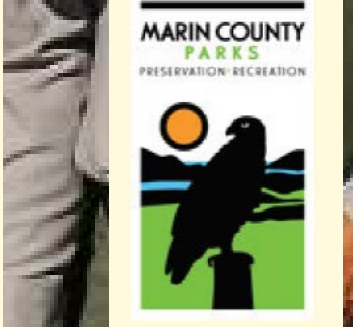
RESOURCE
PROTECTION



A person in a dark jacket and helmet is riding a bicycle on a dirt trail. In the background, three other people are walking on a similar trail. The landscape is hilly and green, with mountains visible in the distance under a bright sky.

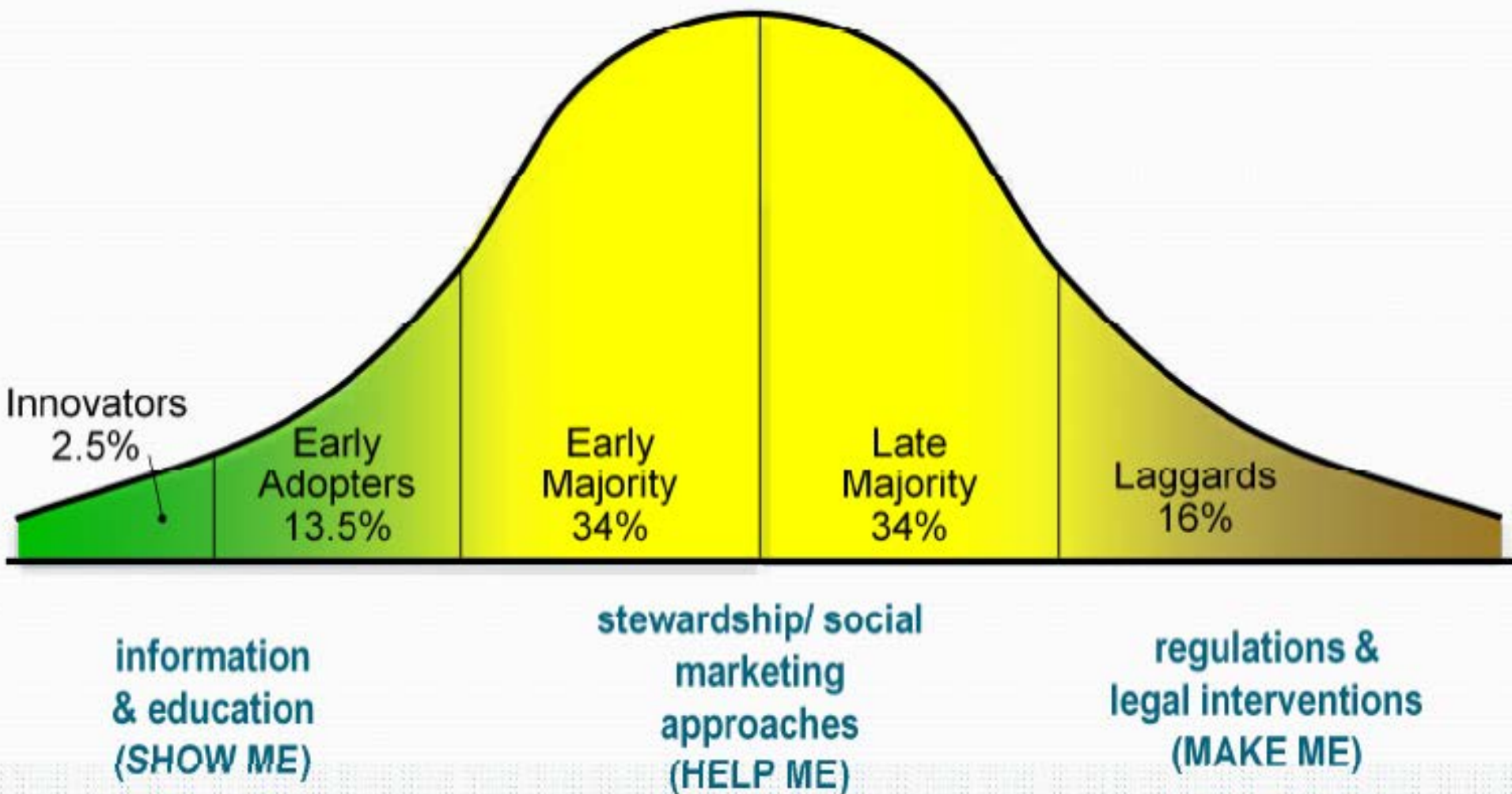
COMMON GOALS

Create Behavior
Change,
Shift Culture,
Educate





Achieving Behavior Change





How do we change Behavior ??



Key Findings

- User Groups Don't Understand the Needs of Other Groups



Safety

It's both real and perceived. Users must feel safe on the trail.





Hikers



Bikers



Horse Riders

Put Yourself in My Shoes

Targeted Messages for each user group:

- Responsibilities
- Expectations
- Education



Key Findings

- User Groups Don't Understand the Needs of Other Groups
- **Active Communication** – Between individual trail users promotes safety



Jogger yells: “On Your Right”
Hiker Hears “Right” and moves right
Result - Collision





Key Findings

- User Groups Don't Understand the Needs of Other Groups
- **Active Communication** – Between individual trail users promotes safety
- **When Passing:** Interact with each other to establish what is safe:
At that moment and at that place on the trail



slow &
say
hello!

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This hat could scare some horses, others don't care.

Talk to the rider, talk to the horse.



Establish what is safe !!

**slow &
say**
hello!

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say
hello!



and

put
yourself



in my

shoes!



WALKERS+HIKERS+JOGGERS

SHARING THE TRAIL

Stay alert. Be on the lookout for faster trail users - bikers, runners, and equestrians.

Allow room for others to pass. If necessary, walk in single file and don't block the trail.

Yield to horses. All trail users are expected to yield to equestrians.

Train your dog to be accustomed to trail walking and other trail users.

Control your dog and obey 6-foot leash law where required.

SAFE COMMUNICATION

Don't tune out. Wear only one ear bud so you can hear others coming.

Avoid startling other trail users. If you are a runner, make your presence known, particularly when approaching from behind.

Say "hello" to approaching bikers. Let them know when and how it's safe for them to pass.

Ask for an equestrian's direction to pass. Stop, stay visible, and ask the rider if it is okay to pass. Your voice says you're a human, not a predator.

EQUESTRIANS

SHARING THE TRAIL

Yield when it's safer to do so. All other trail users are expected to yield to equestrians, but sometimes it's safer to yield to others.

Pass Slowly. Horses can be intimidating to others.

Train your horse to be accustomed to trail riding and other trail users.

Stay calm. It helps your horse remain calm.

SAFE COMMUNICATION

Pay attention to your horse. He will hear and sense others before you do. Call out, "I'm on a horse; please say 'hello!'"

Direct others how to pass. Others may be unfamiliar with horses and horse safety, so take the lead to direct a safe passing.

Help others to act safely. Ask them to move to the downhill side of the trail so you can pass; horses perceive upslope creatures to be predators.

Look ahead, look behind. Be alert to other trail users behind as well as ahead so you can help others act safely around your horse.

MOUNTAIN BIKERS

SHARING THE TRAIL

Yield to all other trail users. If you're riding downhill, you should also yield to uphill cyclists.

Obey speed rules. Obey the 15 mph speed limit, and maintain control of your bike; slow to 5 mph when approaching other users and blind turns.

Expect to encounter others moving slowly. Always reduce your speed and stop if necessary for safe passing.

Move to the side of the trail when passing on narrow trails. Stop, if necessary before passing.

SAFE COMMUNICATION

Don't tune out. Wear only one ear bud so you can hear others coming.

Avoid startling other trail users. Make your presence known, particularly when approaching from behind. Bells help at a distance, but your voice is better.

Ask for an equestrian's direction to pass. When you approach an equestrian, stop and say "hello", stay visible, and ask the rider if it's okay to pass. Your voice tells a horse you are human, not a predator.

There are many ways to say hello—
a hi or a howdy—
a wave, a smile,
or a nod!



YOU ARE A VISITOR IN WILDLIFE'S HOME.

Enjoy your experience!
Tune in to nature and your surroundings.
Be aware of the wildlife that surrounds you.

Dogs and wildlife don't mix! Have fun with your dog but always be in control.

Appreciate the beauty!
Stay on designated trails to avoid damaging rare plants and sensitive habitats in grasslands, wetlands, streams, and woodlands.

"Leave no trace!" Pack out your trash and dog waste.

Protect park resources!
Close any gates you open after you pass through.

Be alert for and avoid, small creatures on the trail.

Keep off wet roads and trails. Deep tracks or prints mean it's too wet and damages the trail. Today's erosion is tomorrow's stream pollution.

Let's leave a legacy of wild lands and healthy ecosystems for future generations to also enjoy, appreciate and protect!

Slow and Say Hello is a slogan to promote safe encounters between trail users and protect the environment. The key concept is to interact with others while passing:

to establish what would be safe at that moment and at that place on the trail.

TRAIL Partners MARIN COUNTY



Trail Partners is a collaboration of
Marin County Bicycle Coalition
Marin Horse Council
Marin Conservation League

Our Common Goals are
Trail Safety and
Resource Protection

Contact Us
If you have questions, comments or would like to support our efforts with a donation:
www.safetrailsmarin.org
info@safetrailsmarin.org

Supported by:



Marin's Public Lands have rules to protect the environment and the people.
BE SAFE-BE LEGAL

slow & say
hello!

Promoting
Safe Trails
in Marin.



TRAIL Partners
MARIN COUNTY

- Recreational Gathering Places
 - Visitor centers
 - Trailhead kiosks
 - Bike, horse and recreation shops
 - Motels and hotels
 - Places for park visitors
- Land Managers
 - Rangers
 - Volunteer events
 - Interpretive events.





Establish Identity

- Canopy
- Table cloths

Coordination & Collaboration





Engagement



Let's Take a Quiz

Take the Trail Quiz !

- Win a prize

#1 – You approach a horse and rider while riding a bike on a trail. On which side should you pass?

#2 – You encounter a puddle completely across a trail. Do you go around it or through it?



slow & say
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slow & say hello! is a non-profit organization dedicated to providing trail information and resources to the community. We are currently seeking volunteers to help us with our projects. If you are interested in joining our team, please contact us at saletrails@saletrails.com or call us at 415.456.1234.

**A COMMITMENT TO
SAFETY AND ENVIRONMENTAL
PROTECTION**

Q & A ??



Protecting Marin Since 1934





Protecting Marin Since 1934



TRAIL Partners
MARIN COUNTY