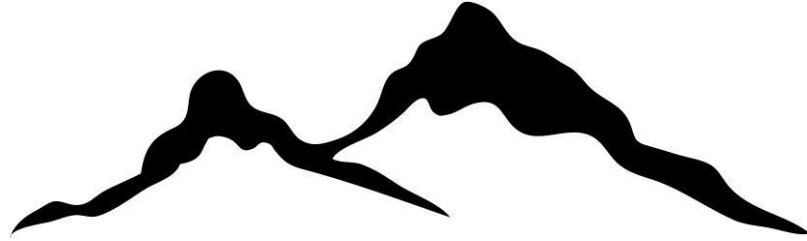




*Established 2003*

***SBTS mission:*** *Building sustainable recreation-based communities through stewardship, job creation and world-class events. Providing quality outdoor experiences through trail construction and maintenance in the Lost Sierra.*



# **2020 SBTS IMPACT**

# Trail Stewardship

- Work performed on public and private lands, operating under Master Challenge Cost Share Agreements, Supplemental Challenge Cost Share Agreements and Voluntary Services Agreements.
- Utilizing locally hired and professional Trail Crews, High School Student Trail Crews and volunteers (including other regional trail and conservation organizations) with land manager oversight.
- Sponsored trail maintenance on Forest Service system trails through: Public-Private Partnerships, Adopt a Trail Program, Outdoor Education Programs, Shared Stewardship and Volunteerism.







[www.SierraTrails.org](http://www.SierraTrails.org)

## **Land Managers we work with:**

- National Forests
- Bureau of Land Management
- California State Parks
- Land Trusts

## **Types of Trails we work on:**

- Multiple-use
- Motorized OHV
- Pacific Crest Trail
- ADA Accessible
- Learning Landscape

## **Land Designations we work in:**

- Recreation Area
- Wilderness Area
- Roadless Area
- Timberland Producing Zone



# Collaboration through Public-Private Partnerships to create local jobs and to improve recreational and environmental resources on public and private lands







[www.SierraTrails.org](http://www.SierraTrails.org)

## **SBTS Trail Work In 2020** (Plumas & Tahoe National Forests)

- **148 Miles Maintained** (218 miles in 2019)
- **10.5 Miles Built** (8.1 miles in 2019)
- **69 Miles "Shovel-Ready"** (NEPA/CEQA complete)

## **Since Established In 2003**

- **121 Trail Projects Completed**
- **102 miles of NEW Trail Built**
- **1,238 miles of Trail Maintained to Specification**
- **100,009 Volunteer Labor Hours Contributed**





[www.SierraTrails.org](http://www.SierraTrails.org)

## **SBTS Economic Impact In 2020 -**

- **Gross Income \$1,930,565**
- **17 Employees / Payroll \$738,029**
  - 2019 - Gross Income \$2,262,360
  - 2018 - Gross Income \$1,849,591
  - 2017 – Gross Income \$1,675,913
  - 2016 - Gross Income \$1,447,203
  - 2015 - Gross Income \$1,432,129







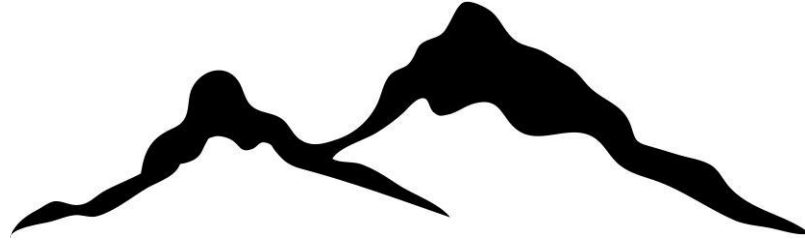
[www.SierraTrails.org](http://www.SierraTrails.org)

## **SBTS Trails Impact In 2020 -**

- **Professional Trail Crew Employed - 8** (10 in 2019)
- **High School Student Trail Crew Employed - 0** (14 in 2019)
- **336 Volunteers/ 52 Volunteer Work Days** - (36 days in 2019)
  - **336 = 180 Youth + 156 Adult**
    - 2019 - 1,383 Volunteers
    - 2018 - 1,342 Volunteers
    - 2017 - 949 Volunteers
    - 2016 - 724 Volunteers
    - 2015 - 711 Volunteers







# **2021 SBTS PROJECTS**

# SBTS 2021 Project List - Planning

**Planning** ([NEPA](#) process)- planning for sustainable trails and surveys.

- **40 miles - Claremont Peak Trail System**, Plumas National Forest. In partnership with Plumas County and Plumas NF. Includes **Connected Communities- Quincy to Meadow Valley** linking 3 NF Campgrounds. Motorized multiuse singletrack.
- [Connected Communities Trails Master Plan](#) - GIS Map and ground-proof Connected Communities singletrack routes (**approx. 300 miles** connecting 15 communities), identify potential overnight hut locations and “Main Street” trailhead locations. Motorized and Non-Motorized multiuse singletrack.



# SBTS 2021 Project List - Development

**Development - 69 miles** of new **“Shovel-Ready”** trails (NEPA complete):

- **37 miles - Mt Hough Phase II.** Plumas National Forest. Mt Hough Trail System. Includes **Connected Communities - Quincy to Taylorsville.** Motorized.
- **20 miles - Beckwourth Peak Trail.** Plumas & Tahoe National Forests. Includes **Connected Communities - Portola to Nakoma.** Non-motorized.
- **12 miles - Downieville Trail Enhancement.** Tahoe National Forest. Reroutes and extensions on Rattlesnake Creek, Big Boulder, Pauley Creek, Lavezzola Creek and Second Divide trails. Motorized.

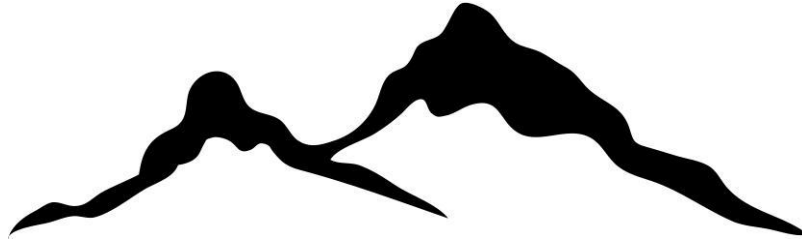




## **SBTS 2021 Project List - Maintenance**

**Maintenance - 220 miles** of Forest Service system trails:

- **70 miles - Plumas Forest OHV** (Beckwourth, Feather River and Mount Hough Districts). Includes (35.94 singletrack, 13.29 ATV and 21.81 4x4). G19 California OHV funds. Motorized.
- **26 miles - Middle Feather River Trails**. Plumas National Forest. Extended into the 2021 season due to the North Complex fire. National Forest Foundation funds. Non-motorized.
- **16 miles - Antelope Lake Trail System**. Plumas National Forest. Moonlight Fire Restoration funds. Non-motorized.
- **48 miles - Storrie Trails Fire Restoration**. Plumas National Forest, near the town of Belden in the North Fork of the Feather River. Non-motorized.
- **60 miles - Downieville Trail System**. Tahoe National Forest. G19 California OHV funds. Motorized.



# CONNECTED COMMUNITIES

## TRAILS MASTER PLAN

Funded through [Sierra Nevada Conservancy](#) using California Proposition 68 funds



# Lost Sierra Connected Communities

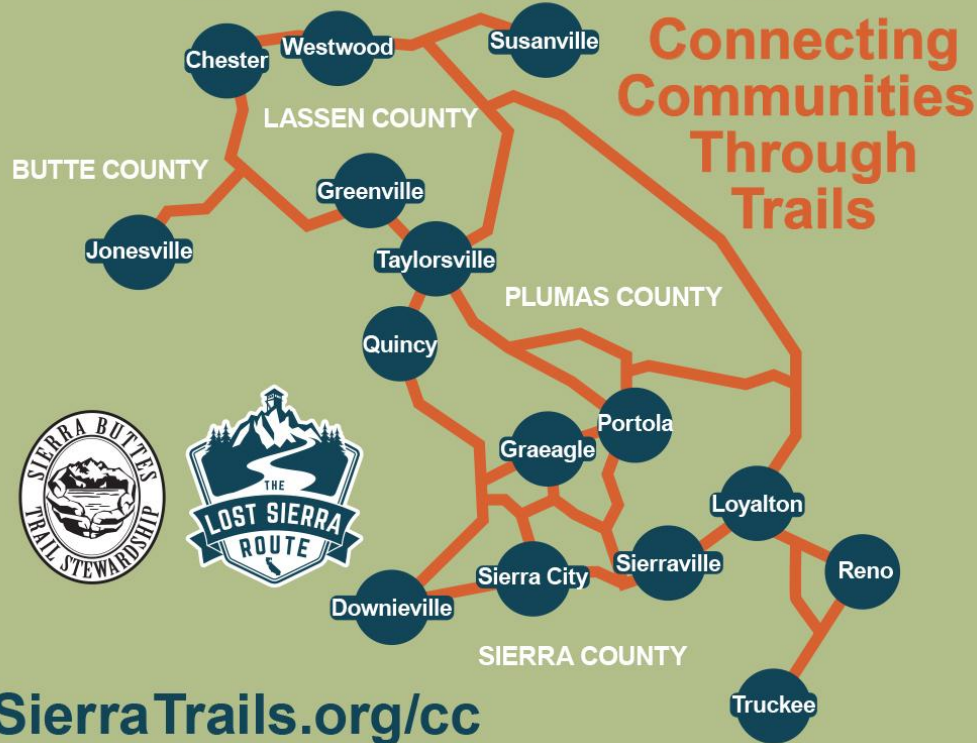
The [Connected Communities](#) Trails Master Plan will:

- Plan a world-class trail system connecting the “Main Street” of 15- northern Sierra communities: Loyalton, Sierraville, Sierra City, Downieville, Quincy, Graeagle, Portola, Taylorsville, Greenville, Chester, Westwood, Susanville, Jonesville, Truckee and Reno.
- Provide a repeatable process through project documentation and storyboarding for how communities can partner with land managers and local government agencies to develop and maintain sustainable recreational and economic resources on public lands.
- Support severely disadvantaged communities through recreation-based economic growth, new business opportunities and local job creation.



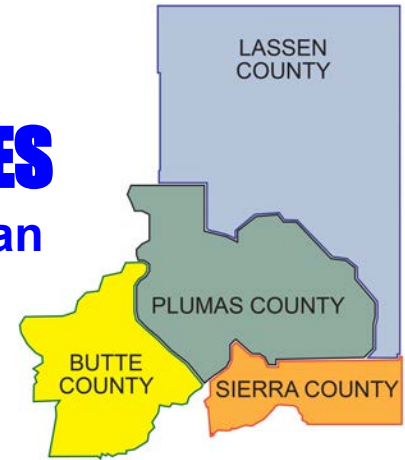


# CONNECTED COMMUNITIES



## CONNECTED COMMUNITIES

### Trails Master Plan



The **Orange Lines** represent approximately 300 miles of multiuse trails, referred to as the **Lost Sierra Route**, connecting the “Main Street” of 15- mountain communities. Users include: hike, bike, equine, motorcycle, ebike....  
**Trails that everyone can use!**

## Connected Communities

- 70% of the land in Plumas and Sierra Counties is National Forest, and in Lassen County 58% of the land is National Forest. The National average is 8%.
- Plumas, Sierra and Lassen Counties were amongst the richest counties in California - once during the Gold Rush and again during the Timber Boom.
- Jobs in these rural counties have historically come from extractive industries that utilized resources on public lands; mining and logging.
- Due to government and environmental regulations, those jobs are gone and Plumas, Sierra and Lassen are now among California's poorest counties.



# Lost Sierra Connected Communities

The [Connected Communities](#) Trails Master Plan will:

- Showcase the headwaters of the Yuba and Feather Rivers, which are critical watersheds delivering more than 65% of California's clean drinking water.
- Create a learning landscape for outdoor and environmental education programs to highlight our National Forests and the importance of shared stewardship.
- Bring visitors into towns for services and accommodations, and allow residents to easily access the surrounding public lands (without the use of a vehicle) via a "Main Street Trailhead"
- Establish a connection to the Modoc Line Trail and the 700 mile long Oregon Timber Trail; a renowned route connecting Modoc County to the Columbia River Gorge in Oregon..





# Lost Sierra Connected Communities

**Timing is Critical** for the Connected Communities Trails Master Plan:

- The Plumas, Tahoe and Lassen Forests are in the process of updating their **Forest Land & Resource Management Plans**, all of which are nearly 30- years old and have no mention of “trails” or “recreation” as a type of use or resource.
- The U.S. Forest Service, [National Strategy for Sustainable Trail Systems](#) identifies the need to plan, maintain and construct trails with partnerships.
- The U.S. Forest Service, [10-Year Sustainable Trail Stewardship Challenge](#) specifically identifies the need to complete Trail Master Plans on each forest.



# Lost Sierra Connected Communities - Outreach Plan

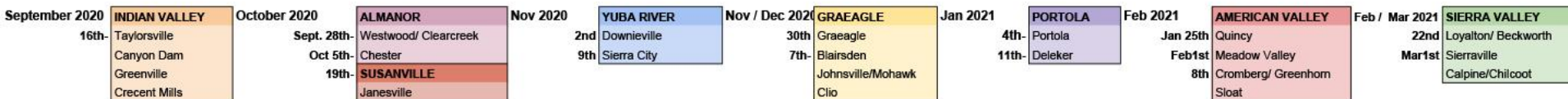
## Solicit public participation through:

- Social media stories and targeted ads (Facebook and Instagram)
- Local print and online newspaper articles with paid advertisements
- Public Service Announcement (PSA) videos with project information and updates
- Infomercial film with trailers (Youtube)
- Direct email to members: 25,510 Members (33% open rate)

## Seek project input through:

- Surveys - paper survey booklets and online (SurveyMonkey)
- Maps - available for mark-up in paper survey booklets, online and at in-person meetings
- Socially distanced in-person meetings with residents and community leaders
- Virtual presentations with agencies and organizations (Zoom, Teams, Meets)
- Phone and email

### CONNECTED COMMUNITIES SOCIAL MEDIA OUTREACH TIMELINE





# Community Outreach

**26 Project information/survey kiosks placed in businesses throughout the project area**

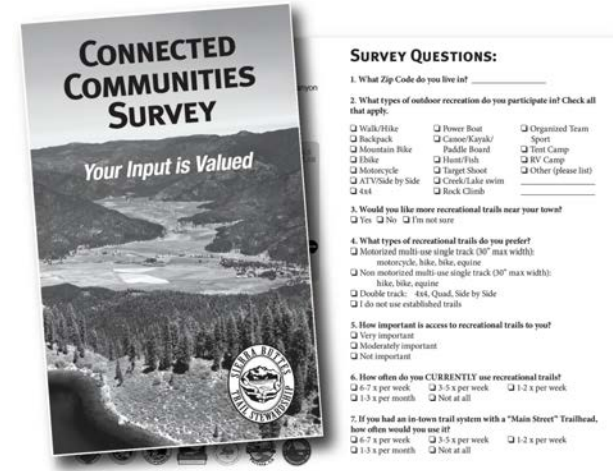


**Socially distanced meetings with small groups of residents hosted outdoors**



**Virtual meetings and presentations with regional organizations, land managers and government agency staff**

**870+ Surveys taken to date. Paper booklets and online surveys to gather public input**  
<https://sierratrails.org/cc>





# **Lost Sierra Connected Communities - Community Outreach Plan**

## **Seeking multi-generational input:**

- High School Students
- Under 23 Youth
- Adults/ Parents
- Grandparents/ Elders

## **Development of 8 regional Concept Planning Teams (CPT):**

- Indian Valley (Taylorsville, Greenville, Genesee, Crescent Mills)
- Almanor (Chester, Westwood, Canyon Dam, Prattville)
- Susanville (Janesville)
- Yuba River (Sierra City, Downieville, Goodyears Bar)
- Sierra Valley (Loyalton, Sierraville, Calpine, Chilcoot)
- Graeagle (Blairsden, Clio, Johnsville, Cromberg)
- Portola (Delleker, Beckwourth)
- American Valley (Quincy, East Quincy, Meadow Valley, Butterfly Valley)

# **Lost Sierra Connected Communities - Concept Planning**

## **Concept Planning Team members identified through:**

- Survey input - indicated willingness to participate
- Contacted SBTS directly - phone or email
- Representative of local organization
- Known trail enthusiast and asked to participate
- Solicited by other community members to participate
- Word of mouth

## **Concept Planning Team members include:**

- Community members (4-6qty)
- Land managers (District representative)
- County Supervisors (District representative)
- Local organization representatives
- Local business owners/ Chamber of Commerce

# Lost Sierra Connected Communities - Concept Planning

**Concept Planning Teams meet virtually (Zoom and Basecamp) and in-person to:**

- Analyze survey and mapping results for region (region indicated through zip code).
- Establish priority areas and document existing conditions- Work together to conceptually plan recreational access and trail opportunities on surrounding public lands.
- Data collection, inventory and trail condition surveys- Capture consistent trail condition surveys (assessment, coordination, prioritization, annual maintenance, reconstruction, planning, adoption, construction, restoration) to meet agency needs for inventory and reporting.
- Begin concept planning for:
  - Trail corridors (motorized and non-motorized)
    - Contouring alignments, average grade 8% and maximum short pitch 18%
  - “Main Street” trailheads and visitor parking areas
  - Identify non-motorized recreation areas located on surrounding public lands

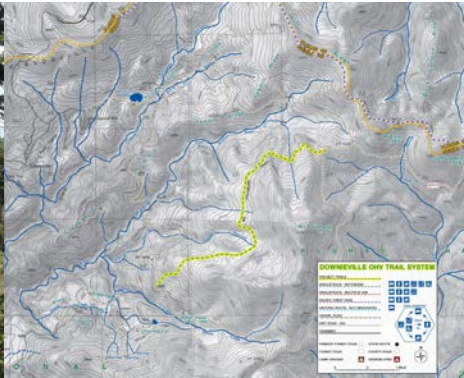




# Connected Communities

The **Trails Master Plan** will be accomplished in phases:

- Phase 1 - Inventory, Planning and Mapping
- Phase 2 - NEPA/CEQA (environmental studies)
- Phase 3 - Construction
- Phase 4 - Annual Maintenance



# Connected Communities

## Phase 1 - Inventory, Planning and Mapping

- Inventory National Forest “System” and “Non-System” trails
- Plan Community Trail Systems and trailhead locations
- Flag and GIS Map Connected Community routes (250 miles)
- **Phase 1 Cost: \$465,000**
  - Sierra Nevada Conservancy grant \$360,000
  - SBTS in-kind match \$105,000





# Connected Communities

## Phase 2 - NEPA/CEQA

- Work performed on National Forests utilizing Challenge Cost Share and Voluntary Services Agreements
- Using approved local contractors with land manager oversight
- Surveys - Heritage, Wildlife, Botany, Hydrology, Recreation
- **Phase 2 Cost: \$792,000** (projected)
  - NEPA/CEQA \$.50 p/ft
  - 1,584,000 ft (300 miles) of new trail





# Connected Communities

## Phase 3 - Construction

- Work performed on National Forests utilizing Challenge Cost Share and Voluntary Services Agreements
- Using locally hired Adult and Youth Trail Crews with Volunteers with land manager oversight
- **Phase 3 Cost: \$7,920,000** (projected)
  - Construction \$5.00 p/ft
  - 1,584,000 ft (300 miles) of new trail



# Connected Communities

## Phase 4 - Annual Maintenance

- Work performed on National Forests utilizing Challenge Cost Share and Voluntary Services Agreements
- Using locally hired Adult and Youth Trail Crews and Volunteers operating with land manager oversight
- **Phase 4 Cost: \$792,000** (annual projection)
  - Maintenance performed to meet land manager specification \$.50 p/ft
  - 1,584,000 ft (300 miles) of new trail



# **Lost Sierra Connected Communities - Concept Planning**

## **Steps for Concept Planning Teams (CPT):**

Step 1: Collect GPX data from NF (System Trails) and private parcel data from Counties

Step 2: Analyze regional survey data and mapping results (based on local zip codes)

Step 3: Generate GPX data for concept trail planning and present to SBTS GIS Team

Step 4: SBTS GIS Team analyzes and presents data back to CPT with recommendations

Step 5: CPT adjustments/ approval of SBTS GIS Team recommendations

Step 6: SBTS presents concept to land manager “specialists” for scoping and initial route approval

Step 7: Ground proofing and GIS mapping route corridor (100’ wide corridor)

Step 8: Revisit and share findings (changes/challenges) with CPT and land manager

Step 9: Generate Trail Feasibility Study, for each region, based on CPT and land manager input

Step 10: Land manager, County and City Board approval of regional Feasibility Study

Step 11: Connected Communities Trails Master Plan composed of 8 regional Feasibility Studies

Step 12: Land manager, County and City Board approval and adoption of Trails Master Plan



# Lost Sierra Connected Communities

Project Partners (As of 2/9/2021)

- US Forest Service, Pacific Southwest Region 5
- Tahoe National Forest
- Lassen National Forest
- Plumas National Forest
- Plumas County Board of Supervisors
- Plumas County Dept. Public Works
- City of Portola
- Sierra County Board of Supervisors
- City of Loyalton
- Lassen County Board of Supervisors
- City of Susanville
- Butte County Board of Supervisors
- Pacific Crest Trail Association
- Congressional Representative Doug LaMalfa
- Feather River Land Trust
- Sierra County Land Trust
- Lassen Land & Trails Trust
- Truckee Donner Land Trust
- Northern California Regional Land Trust
- Feather River Tourism Association
- Lost Sierra Chamber of Commerce
- Lake Almanor Area Chamber of Commerce
- Lassen County Chamber of Commerce
- Center for Economic Development, CSU Chico
- State of Nevada, Off-Highway Vehicle Program
- Portola, Quincy and Indian Valley Rotary



*Connected Communities is supported by these agencies, counties and towns.*

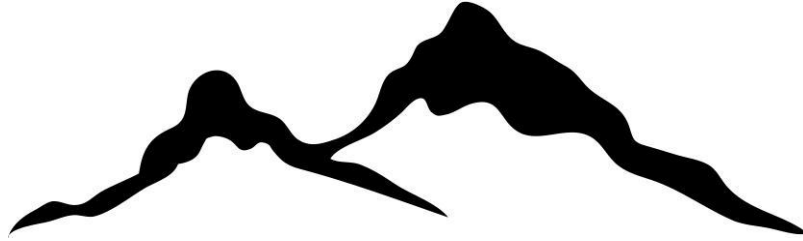
# Lost Sierra Connected Communities

Project Partners (As of 2/9/2021)

- Sierra Business Council
- Sierra County Visitors Bureau
- Nevada County Woods Riders
- Truckee Dirt Riders
- Reno Area Dirt Riders
- 707 Trail Riders
- Chico Velo
- Susanville Area Bicycle Association
- Tahoe Area Mountain Bike Association
- Truckee Trails Foundation
- International Mountain Bicycling Association
- Santa Cruz Bicycles
- Sierra Nevada Brewing Company
- Patagonia
- Clif Bar
- Shimano
- Fox Shox
- Wilderness Trail Bikes
- Paul Components
- REI Co-op
- Klean Kanteen
- Voler
- Camp Chef



*Connected Communities is supported by these agencies, counties and towns.*



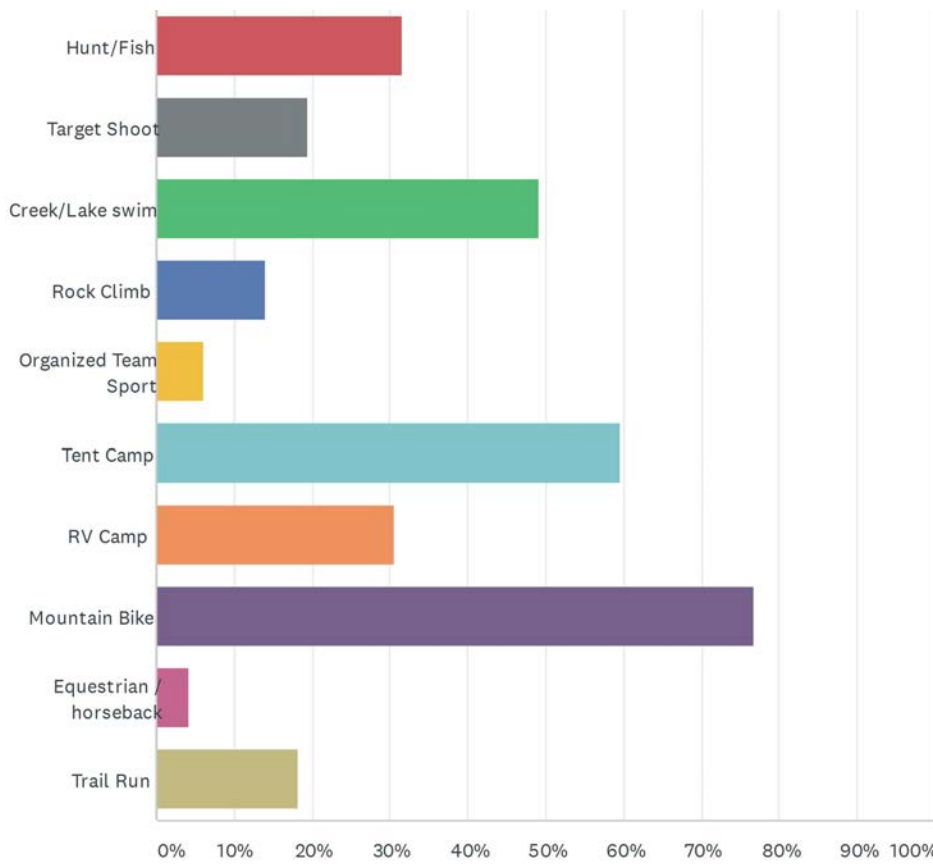
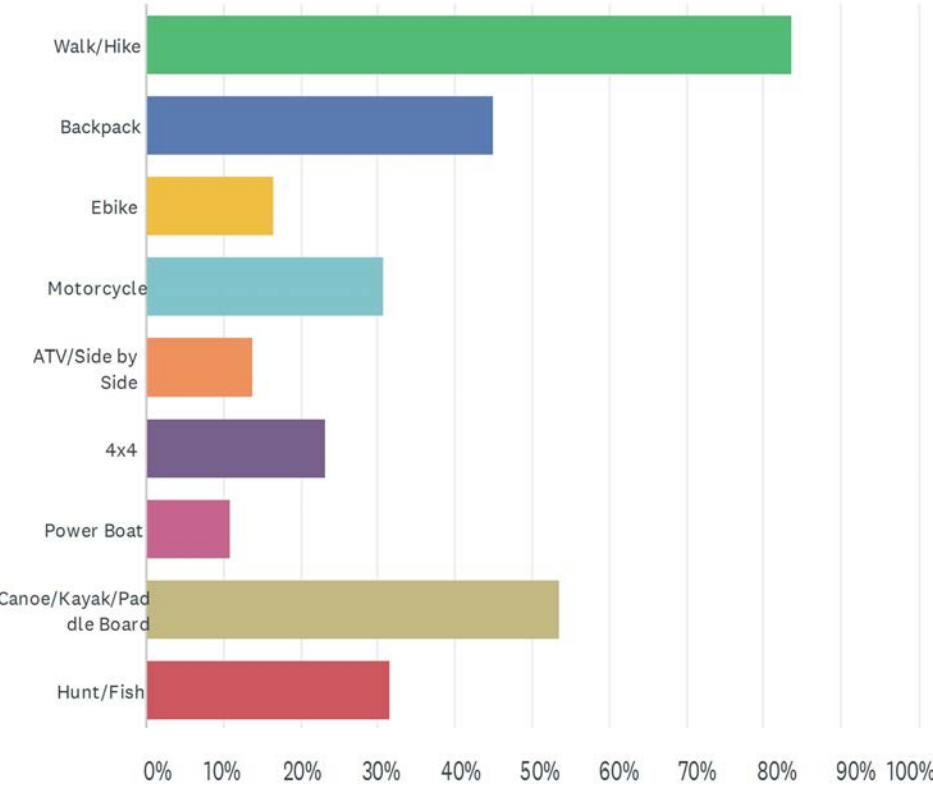
# **CONNECTED COMMUNITIES**

## **SURVEY RESULTS**

*As of 1/15/2021*



# What types of outdoor recreation do you participate in?

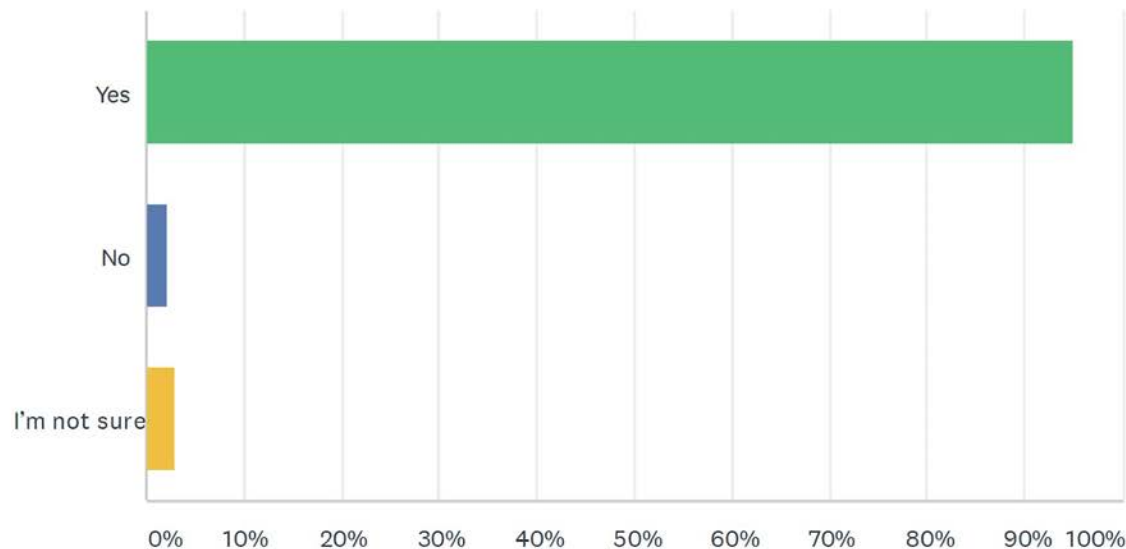


What types of outdoor recreation do you participate in? Check all that apply.

ANSWER CHOICES	RESPONSES	
Walk/Hike	83.77%	547
Backpack	45.02%	294
Ebike	16.54%	108
Motorcycle	30.78%	201
ATV/Side by Side	13.78%	90
4x4	23.12%	151
Power Boat	10.87%	71
Canoe/Kayak/Paddle Board	53.60%	350
Hunt/Fish	31.55%	206
Target Shoot	19.45%	127
Creek/Lake swim	49.16%	321
Rock Climb	14.09%	92
Organized Team Sport	5.97%	39
Tent Camp	59.57%	389
RV Camp	30.63%	200
Mountain Bike	76.88%	502
Equestrian / horseback	4.13%	27
Trail Run	18.22%	119
Total Respondents: 653		

# Would you like more recreational trails near your town?

Answered: 650 Skipped: 6

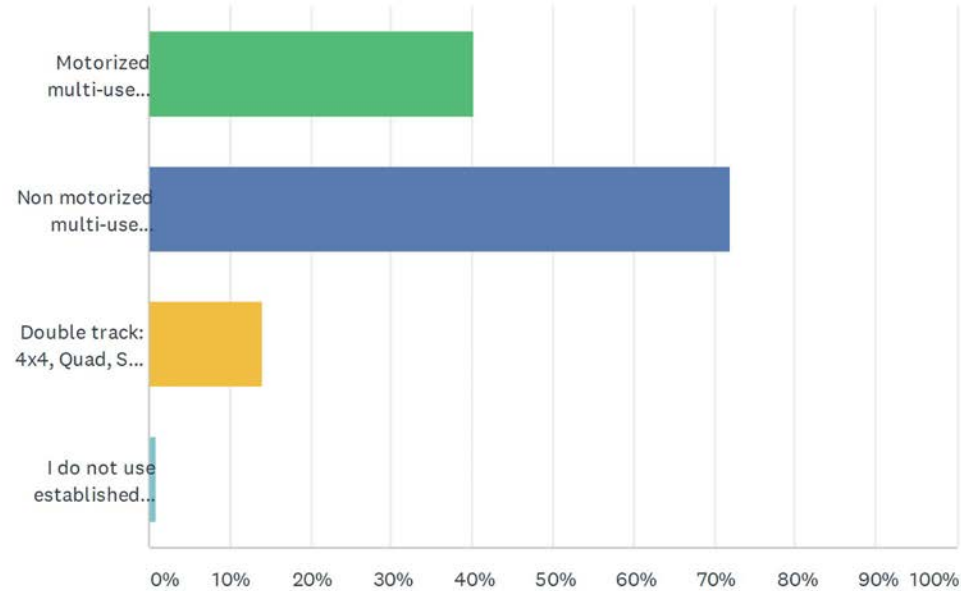


ANSWER CHOICES	RESPONSES	
Yes	95.08%	618
No	2.00%	13
I'm not sure	2.92%	19
TOTAL		650



# What types of recreational trails do you prefer?

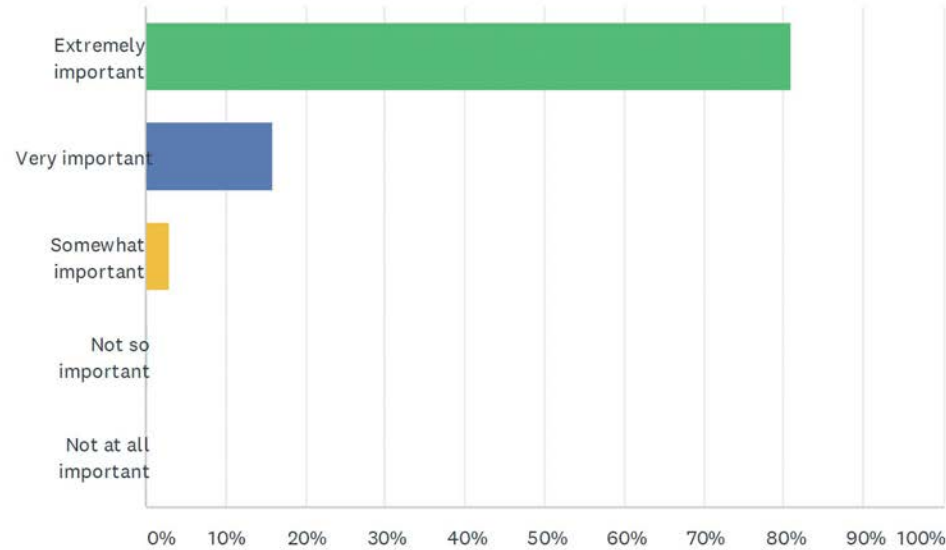
Answered: 648 Skipped: 8



ANSWER CHOICES	RESPONSES	
Motorized multi-use single track (30" maximum width): motorcycle, hike, bike, ebike, equine	40.12%	260
Non motorized multi-use single track (30" maximum width): hike, bike, equine	72.07%	467
Double track: 4x4, Quad, Side by Side	14.04%	91
I do not use established trails	0.77%	5
Total Respondents: 648		

# How important is access to recreational trails to you?

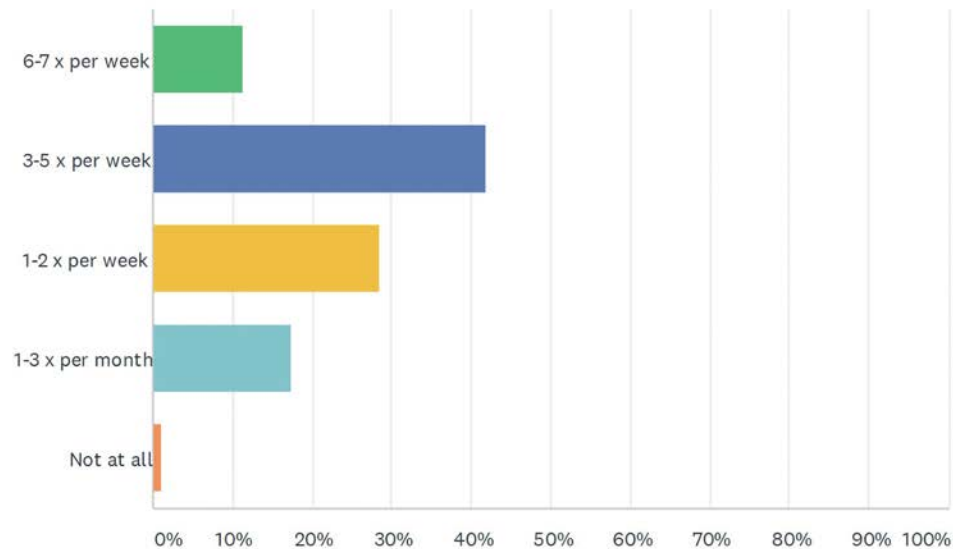
Answered: 650 Skipped: 6



ANSWER CHOICES	RESPONSES	
Extremely important	80.92%	526
Very important	16.00%	104
Somewhat important	2.92%	19
Not so important	0.15%	1
Not at all important	0.00%	0
TOTAL		650

# How often do you CURRENTLY use recreational trails?

Answered: 649    Skipped: 7

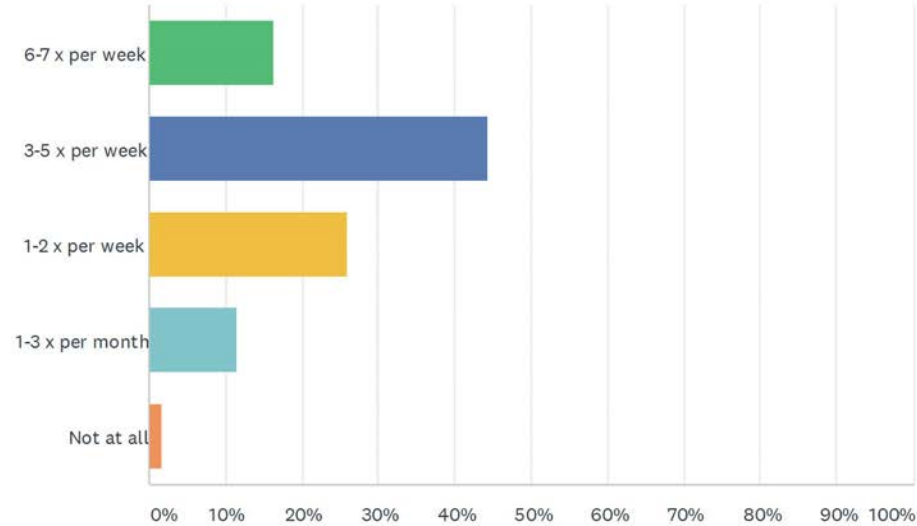


ANSWER CHOICES		RESPONSES	
6-7 x per week		11.25%	73
3-5 x per week		41.91%	272
1-2 x per week		28.35%	184
1-3 x per month		17.41%	113
Not at all		1.08%	7
TOTAL			649



# If you had an in-town trail system with a “Main Street” Trailhead, how often would you use it?

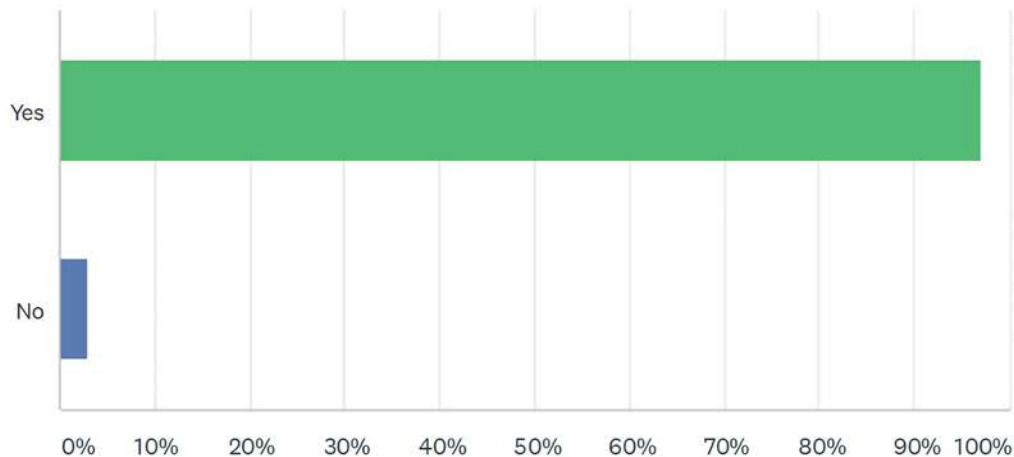
Answered: 649 Skipped: 7



ANSWER CHOICES	RESPONSES	
6-7 x per week	16.33%	106
3-5 x per week	44.38%	288
1-2 x per week	26.04%	169
1-3 x per month	11.56%	75
Not at all	1.69%	11
TOTAL		649

# Would you like a recreational trail that connects your town to other nearby towns?

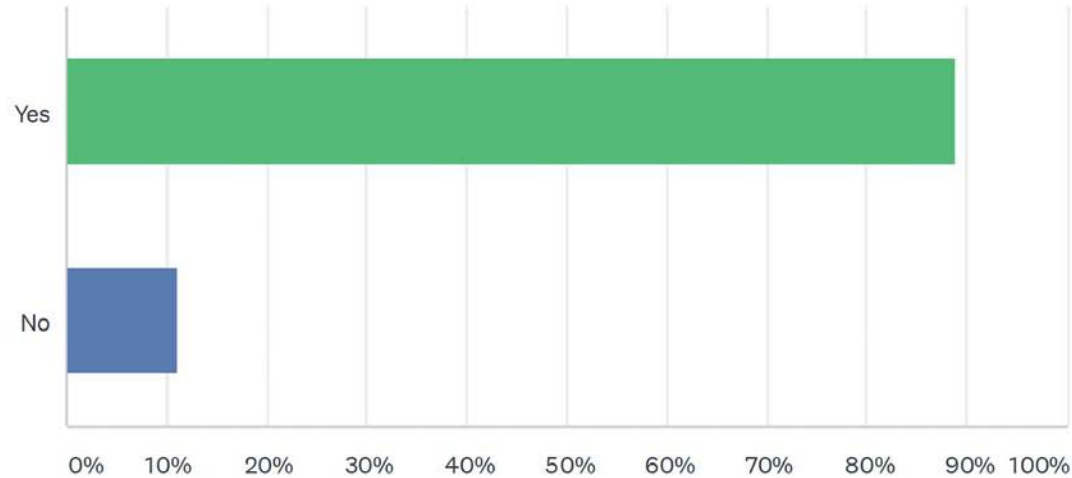
Answered: 641 Skipped: 15



ANSWER CHOICES	RESPONSES	
Yes	97.04%	622
No	2.96%	19
TOTAL		641

# Would you volunteer to help build and maintain recreational trails near your town?

Answered: 635 Skipped: 21



ANSWER CHOICES	RESPONSES	
Yes	88.98%	565
No	11.02%	70
TOTAL		635



# What is your age range?

Answered: 649

Skipped: 7

ANSWER CHOICES	RESPONSES	
Under 18	0.62%	4
18-24	2.47%	16
25-34	12.02%	78
35-44	23.27%	151
45-54	23.27%	151
55-64	24.19%	157
65+	13.25%	86
Prefer not to say	0.77%	5
Prefer not to say	0.15%	1
TOTAL		649