



Carson City, NV



Award: Bronze | Fall 2022

Award History:

Bronze since 2014, previously Honorable Mention in 2011.

Carson City's BFA Program Stats

of Local Bicycle Friendly Businesses: **1**

of Local Bicycle Friendly Universities: **0**

of Local League Cycling Instructors: **3**

Nevada's Bicycle Friendly State Ranking: **#34**

The 5 Es Category Scores	Carson City	Max Score this round
Engineering	33%	62%
Education	37%	60%
Encouragement	33%	61%
Evaluation & Planning	38%	64%
Equity & Accessibility	17%	57%

Percentages shown above are the points received out of points available in that category. See pages 2-3 for Carson City's subcategory points earned within each Category.

Community Profile

Population: 56,000

Area: 157.2 square miles

Population Density: 387 people/square mile

Land Classification:

Mixed Suburban/Urban/Rural

Poverty Rate: 6.3%*

Median Household Income: \$58,305*

Percent of the Population that Speaks a

Language Other Than English at Home: 22%*

Percent with Disability: 26.7%*

Percent of Households with No Vehicle Available: 1.8%*

*Source: <https://data.census.gov/cedsci/all?q=Carson%20City,%20Nevada>

Carson City's Bike Links

Bike Network Map, if available:

https://musclepowered.files.wordpress.com/2008/12/biker-outemap_front.pdf

Bike Plan, if available:

<https://www.carson.org/government/departments-g-z/parks-recreation-open-space/about-us/brochures-maps-master-plans-and-reports>

Key Outcomes

Commuter Ridership: 0.3%

(Bicycle Mode Share among commuters, according to the Census Bureau's American Community Survey 5-Year Estimate)

Overall Bicycle Mode Share: unknown

(Reported by applicant)

Annual Average Bicyclist Crashes in last 5 years: 4

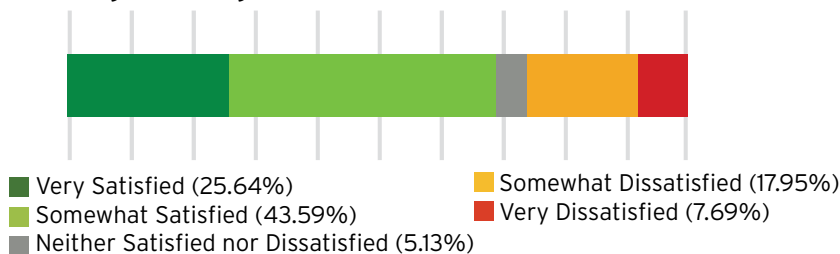
(Reported by applicant)

Annual Average Bicyclist Fatalities in last 5 years: 0

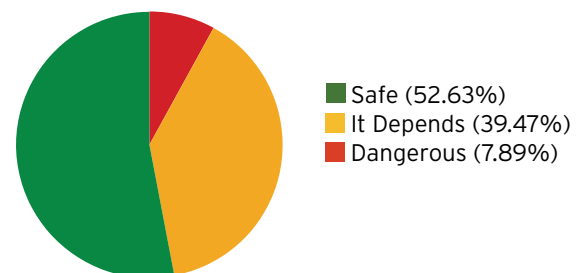
(Reported by applicant)

Fall 2022 BFC Public Survey Response Summary for Carson City, NV

How satisfied are you with how this community is designed for making bike riding safe? (n = 39)



Is it safe or dangerous to ride a bicycle in your neighborhood, or does it depend? (n = 38)



What is the number one change you would most like to see the local government make in this community for bicyclists? (n = 39)

1. More bike lanes (23.08%)
2. Improve existing bike lanes to protected bike lanes (12.82%)
3. More bike paths (12.82%)
4. Increase education for drivers (12.82%)
5. Improve public decision-making processes for transportation improvements, including bicycling improvements (12.82%)

About this Report Card

The following scores are based on the online application submitted by Carson City in the Fall 2022 Bicycle Friendly Community (BFC) submission round. These scores reflect a combination of automatically-generated points earned through the online application, as well as judge-assigned points and bonus points given by BFC reviewers.

The League updated its Bicycle Friendly Community application and awards criteria in the Summer of 2022, after nearly a year of research, focus groups, interviews, listening sessions, and other outreach. The updated application includes a new section on Equity and Accessibility, and other changes throughout. As such, **this Bicycle Friendly Community Report card is a beta version** as we refine our new scoring system and develop a greater understanding of how to convey new information.

All Fall 2022 BFC Report Cards (including this one) will be republished with updated scores if there are changes to the points system after the next round of Bicycle Friendly Community applications. To learn more about the BFC application and awards criteria, please visit <https://bikeleague.org/community>.

ENGINEERING	<i>Carson City earned 33% of the points available in the Engineering Category. Below is the breakdown of points that Carson City earned in each subcategory of the Engineering section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Engineering Subcategories	Carson City's Subcategory Points in Engineering
	Policies and Design Standards for the Built Environment	22 / 38 pts
	End-of-Trip Facilities	22 / 41 pts
	Bicycle Network	41 / 126 pts
	Network Maintenance	8 / 32 pts
	Bicycle Access to Public Transportation	6 / 22 pts
	Bike Sharing	0 / 25 pts
	Other Bicycle-Related Amenities	1 / 6 pts
	Regional Coordination	2 / 16 pts
	Engineering Bonus Points	2 / 9 pts

EDUCATION	<i>Carson City earned 37% of the points available in the Education Category. Below is the breakdown of points that Carson City earned in each subcategory of the Education section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Education Subcategories	Carson City's Subcategory Points in Education
	Youth Bicycle Education	37 / 71 pts
	Adult Bicycle Education	19 / 47 pts
	Motorist Education	8 / 28 pts
	Bicycle Safety Education Resources	2 / 22 pts
	Inclusive Education	7 / 22 pts
	Education Bonus Points	1 / 8 pts

ENCOURAGEMENT	<i>Carson City earned 33% of the points available in the Encouragement Category. Below is the breakdown of points that Carson City earned in each subcategory of the Encouragement section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Encouragement Subcategories	Carson City's Subcategory Points in Encouragement
	Encouragement Policies, Programs and Partnerships	2 / 22 pts
	Route-Finding Support	5 / 10 pts
	Bicycle Culture and Promotion	37 / 99 pts
	Access To Bicycle Equipment and Repair Services	22 / 49 pts
	Reducing Work-Related/Fleet VMT	0 / 10 pts
	Encouragement Bonus Points	1 / 8 pts

EVALUATION & PLANNING	<i>Carson City earned 38% of the points available in the Evaluation & Planning Category. Below is the breakdown of points that Carson City earned in each subcategory of the Evaluation & Planning section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Evaluation & Planning Subcategories	Carson City's Subcategory Points in Evaluation & Planning
	Staffing And Committees	21 / 42 pts
	Public Engagement for Bicycle Planning	8 / 33 pts
	Planning, Funding, And Implementation	16 / 46 pts
	Evaluating The Bicycle Network	10 / 21 pts
	Evaluating Ridership	3 / 21 pts
	Evaluating & Improving Safety Outcomes	21 / 38 pts
	Evaluation & Planning Bonus Points	1 / 8 pts

EQUITY & ACCESSIBILITY	<i>Carson City earned 17% of the points available in the Equity & Accessibility Category. Below is the breakdown of points that Carson City earned in each subcategory of the Equity & Accessibility section compared to the total points available in that respective subcategory from the Fall 2022 BFC application.</i>	
	Equity & Accessibility Subcategories	Carson City's Subcategory Points in Equity & Accessibility
	Equity & Accessibility Staffing, Committees, & Partnerships	5 / 38 pts
	Equity Data Collection & Goals	0 / 20 pts
	Equity & Accessibility Policies & Plans	10 / 38 pts
	Equity & Accessibility in Engineering	11 / 35 pts
	Equity & Accessibility in Education	7 / 35 pts
	Equity & Accessibility in Encouragement	7 / 35 pts
	Equity & Accessibility in Evaluation & Planning	3 / 35 pts
	Equity & Accessibility Bonus Points	2 / 15 pts



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FEEDBACK TO IMPROVE:

To maintain and improve on Carson City's Bronze-level Bicycle Friendly Community award, BFC Reviewers recommend...

- » Continue to improve and expand the low-stress bike network for all ages and abilities, and ensure that your community follows a bicycle facility selection criteria that increases separation and protection of bicyclists based on levels of motor vehicle speed and volume.
- » Lower speed limits on residential streets to 20 mph or less. Introduce road diets and traffic calming measures to ensure compliance. Develop a system of bicycle boulevards, utilizing these quiet neighborhood streets, that creates an attractive, convenient, and comfortable cycling environment welcoming to cyclists of all ages and skill levels. Use the Bicycle Boulevards section of the NACTO Urban Bikeway Design Guide for design guidelines.
- » Continue to increase the amount of high quality bicycle parking available throughout the community. Develop or adopt community-wide Bicycle Parking Standards to ensure that bike parking always meets or exceeds APBP standards and also accommodates cargo bikes, recumbents, adaptive cycles, and other non-standard bicycles. (See www.apbp.org/bicycle-parking-solutions)
- » Continue to work on building relationships with the community through authentic engagement efforts. Utilize existing groups, form new partnerships, and create opportunities for connections and dialogue between groups of people. Use the international association for public participation Spectrum of Public Participation as an engagement tool and resource to help create and build trust between the public and government.
- » Consider launching a bike share system or bicycle lending library that is open to the public. Bike sharing is a convenient, cost effective, and healthy way of encouraging locals and visitors to make short trips by bike, make bicycling more accessible to all, and to bridge the 'last mile' between destinations.
- » Improve bicycle safety education for students of all ages by incorporating more on-bicycle education opportunities and by expanding the program to all K-12 schools. Providing bicycles in schools for on-bike education ensures that all students can learn to safely ride a bicycle regardless of the availability of a bicycle in their household. Work with the school district, local bicycle groups, and interested parents to expand and improve the Safe Routes to School program.
- » Increase the number of local League Cycling Instructors (LCIs) in your community, either by hosting an LCI seminar or sponsoring a City staffer or local bike advocate to attend an existing seminar elsewhere. Having several active instructors in the area will enable you to expand cycling education for youth and adults, recruit more knowledgeable cycling ambassadors, deliver Bicycle Friendly Driver education to motorists, and have experts available to assist in encouragement programs.
- » Develop education and encouragement outreach methods and programs that specifically target families, women, seniors, low-income, and non-English speaking communities, in addition to general non-targeted outreach and media campaigns that discuss current and new bicycle facilities, safe driver and bicyclist behavior, and events related to walking and biking.
- » Develop a community-wide trip reduction ordinance/program, commuter incentive program, and a Guar-



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FEEDBACK TO IMPROVE, CONTINUED:

anteed Ride Home program to encourage and support bike commuters in Carson City.

- » Encourage more local businesses, agencies, and organizations to promote cycling to their employees and customers and to seek recognition through the Bicycle Friendly Business program. City Hall or other municipal buildings could apply to the BFB program as an employer to lead by example among other local area employers.
- » Continue to develop a bicycle count program that utilizes several methods of data collection including automated bicycle counters to provide long-term data on bicycle use at fixed points and mobile counters to provide periodic or before/after data related to changes in your community's road or bicycle network. Observational counts and surveys can supplement automated data in order to collect demographic information and examine social equity goals.
- » Establish a dedicated annual budget for implementation of your bicycle master plan (or, more specifically, the bicycle-related aspects of your Parks & Recreation Master Plan and your Safe Routes to School Master Plan), in addition to funding for ongoing bicycle programming and infrastructure development/maintenance. Establish equity indicators to inform future prioritization and budgeting processes.
- » Involve the City's council people and budgeting system into bicycling improvement efforts in Carson City. Make sure that elected officials and decision makers are able to see and experience the benefits of building the bike network, such as by hosting frequent community bike rides in which councilmembers are highly encouraged to participate.

MORE RESOURCES FOR IMPROVING YOUR COMMUNITY:

- » **League of American Bicyclists:** <https://www.bikeleague.org>
- » **Resources for Building a Bicycle Friendly Community:** https://bikeleague.org/BFC_Resources
- » **About the BFC Application Process:** <https://bikeleague.org/content/about-bfc-application-process>
- » **The Five E's:** <https://bikeleague.org/5-es>
- » **The League's Benchmarking Project on Biking and Walking Data and Reports:** <https://data.bikeleague.org>
- » **Bicycle Friendly State Rankings and Report Cards:** <https://bikeleague.org/state>
- » **Bicycle Friendly Business Program:** <https://bikeleague.org/business>
- » **Bicycle Friendly University Program:** <https://bikeleague.org/university>
- » **Smart Cycling Education Program:** <https://bikeleague.org/ridesmart>
- » **Advocacy Reports and Resources from the League:** <http://bikeleague.org/reports>
- » **Federal Funding Resources from the League:** <https://bikeleague.org/content/federal-funding-resources>
- » **Pedestrian and Bicycle Funding Opportunities from U.S. DOT Transit, Safety, and Highway Funds:** https://www.fhwa.dot.gov/environment/bicycle_pedestrian/funding/funding_opportunities.pdf