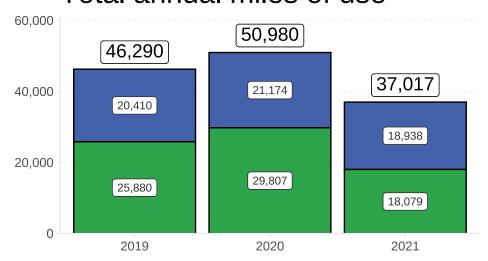
C.J. Ramstad/North Shore State Trail

This factsheet summarizes trail-level data for C.J. Ramstad/North Shore State Trail. Use estimates were derived using location-based services (LBS) data and represent the number miles traveled on trails by bicyclists and pedestrians.

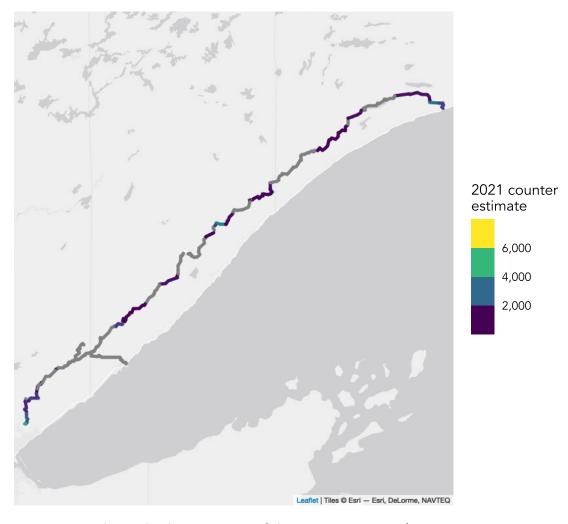
This research project was funded with Legacy Partnership Research Funds from the State of Minnesota Parks and Trails Legacy Fund. LBS data was obtained from StreetLight Data, Inc. and was accessed in May 2023.

Total annual miles of use



Mode Bicycle Pedestrian

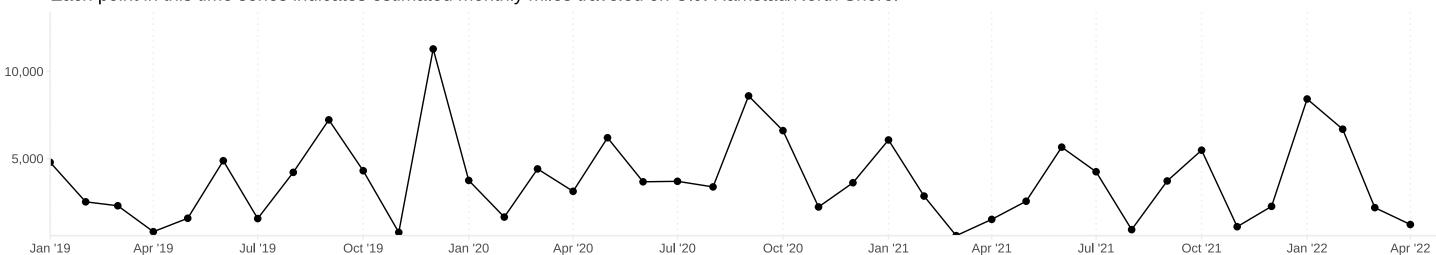
Year	Total miles traveled	Bicycle miles traveled	Pedestrian miles traveled	Total counter estimate	Bicycle counter estimate	Pedestrian counter estimate
2019	46,290	20,410	25,880	8,598	4,199	7,336
2020	50,980	21,174	29,807	11,083	5,190	10,084
2021	37,017	18,938	18,079	7,911	4,260	6,419



C.J. Ramstad/North Shore is part of the DNR State Trail system (2C). Park boundaries were accessed via the Minnesota Geospatial Commons in July 2023 and may have been edited to improve LBS data performance.

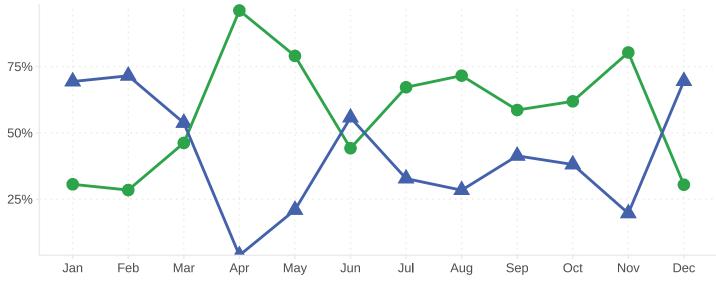
Monthly use

Each point in this time series indicates estimated monthly miles traveled on C.J. Ramstad/North Shore.



Mode share

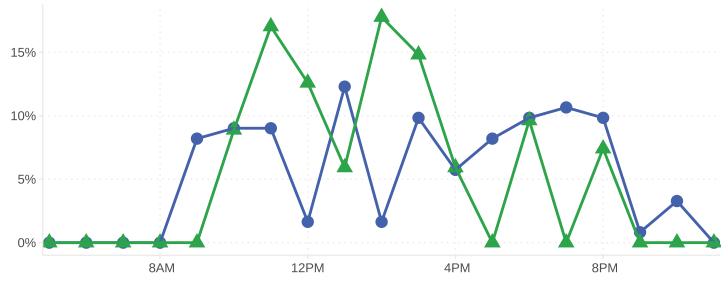
Mode share shows the percent of trail use occurring by bicyclists and pedestrians. Points show the monthly averages across the study period.



Mode ● Pedestrian ▲ Bicycle

Hourly use

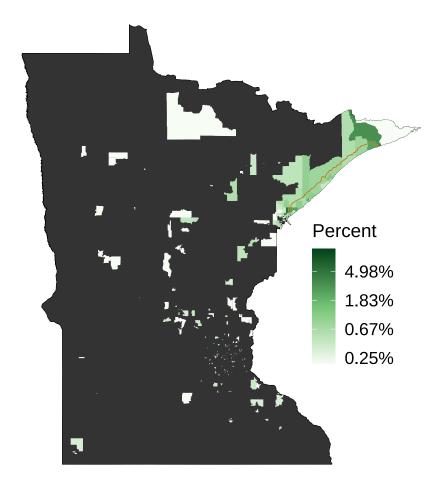
Hourly use during summer 2021 shows patterns of when visitors use trails on weekdays and weekends.



■ Weekday (M-F) Weekend (Sa-Su)

Visitor home locations

Inferred visitor home locations are reported at the block group level. Darker colors indicate more visitors from a given block group. During 2021, approximately 91% of visitors to C.J. Ramstad/North Shore lived inside of Minnesota while 9% of visitors lived outside of Minnesota.



Visitor Demographics

Visitor demographics are inferred based on home locations and data from the 2020 US Census. The table summarizes inferred demographic attributes of visitors to C.J. Ramstad/North Shore during 2021 (LBS data). 2020 US Census data for the state is provided for context. Please note that local and/or historical context is crucial when interpreting trail-level demographic data.

Category	Census Group	Trail Estimate (entire 2021)	State Average
	American Indian	1.1%	1.0%
Race/ethnicity	Asian	2.4%	5.2%
	Black	3.0%	6.9%
	Hispanic or Latinx	3.2%	6.1%
	More than one race	5.0%	4.1%
	Native Hawaiian and other Pacific Islander	0.0%	0.0%
	Some other race	1.2%	0.4%
	White	84.1%	76.3%
	Less than \$25,000	16.2%	10.4%
Income	\$25,000 - 39,999	11.1%	11.2%
	\$40,000 - 59,999	16.3%	15.1%
	\$60,000 - 74,999	11.0%	10.0%
	\$75,000 - 99,999	13.3%	14.1%
	\$100,000 - 149,999	17.1%	18.3%
	\$150,000 or higher	14.9%	20.8%
	High school	28.4%	30.9%
	Associate degree or some college	32.3%	32.4%
Education	4-year degree	25.7%	24.2%
	Graduate or professional degree	13.5%	12.6%