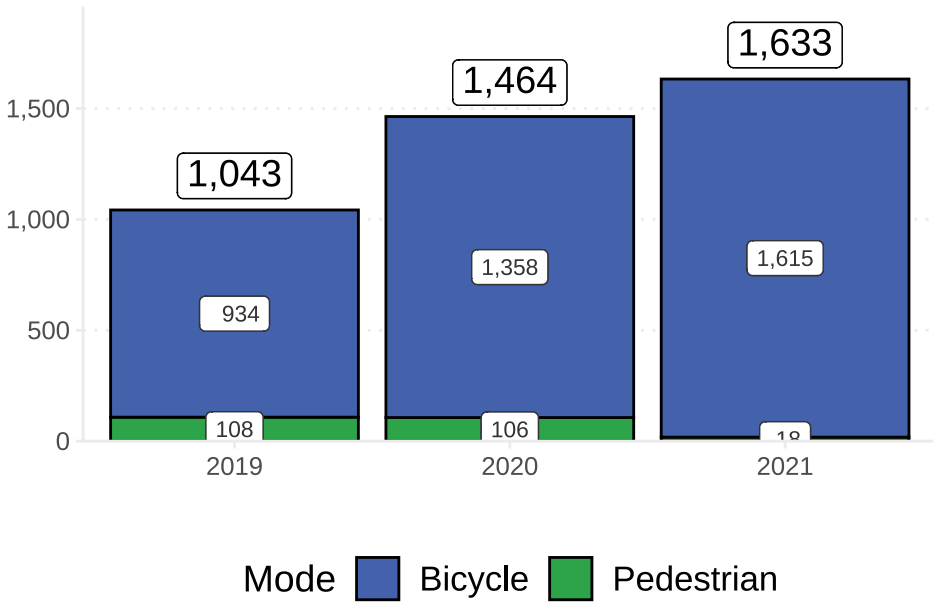


Root River State Trail

This factsheet summarizes trail-level data for Root River 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 July 2023.

Total annual miles of use



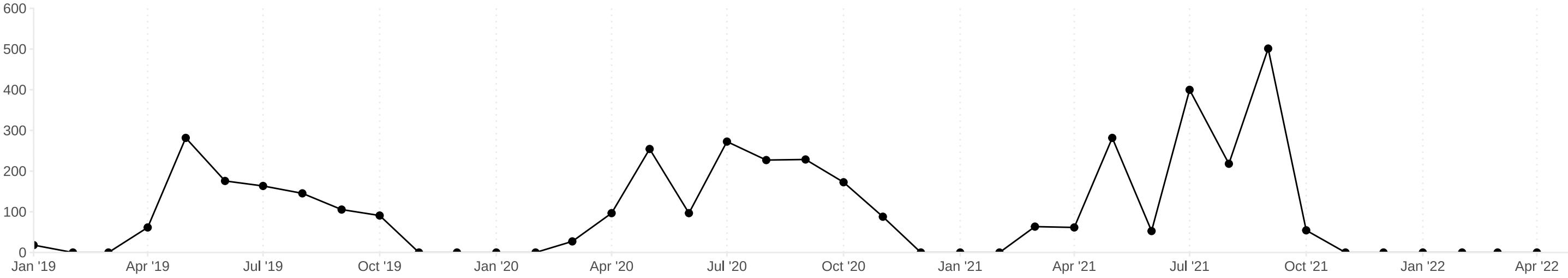
Year	Total miles traveled	Bicycle miles traveled	Pedestrian miles traveled	Total counter estimate	Bicycle counter estimate	Pedestrian counter estimate
2019	1,043	934	108	3,557	3,188	369
2020	1,464	1,358	106	4,995	4,632	363
2021	1,633	1,615	18	5,572	5,510	62



Root River is part of the DNR State Trail system (DNR Area 3C). Trail boundaries were accessed via Minnesota Geospatial Commons in July 2023 and may have been edited to improve LBS data performance.

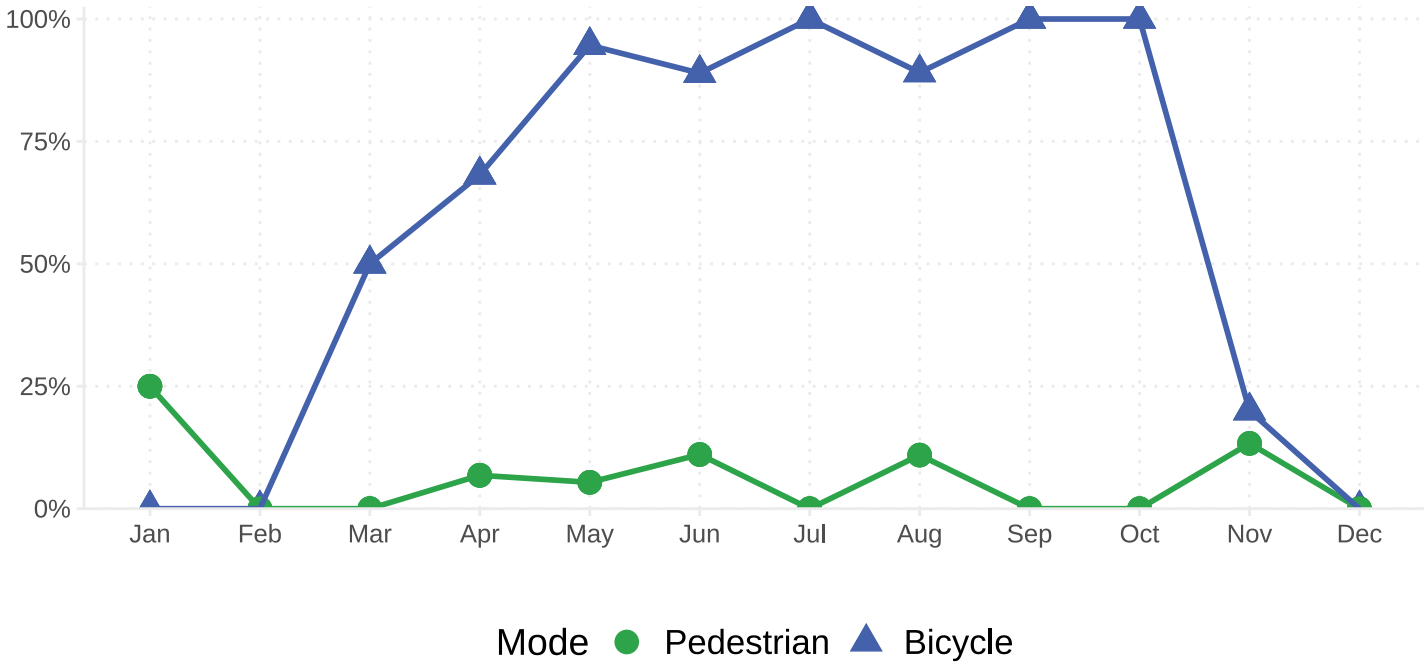
Monthly use

Each point in this time series indicates estimated monthly miles traveled on Root River.



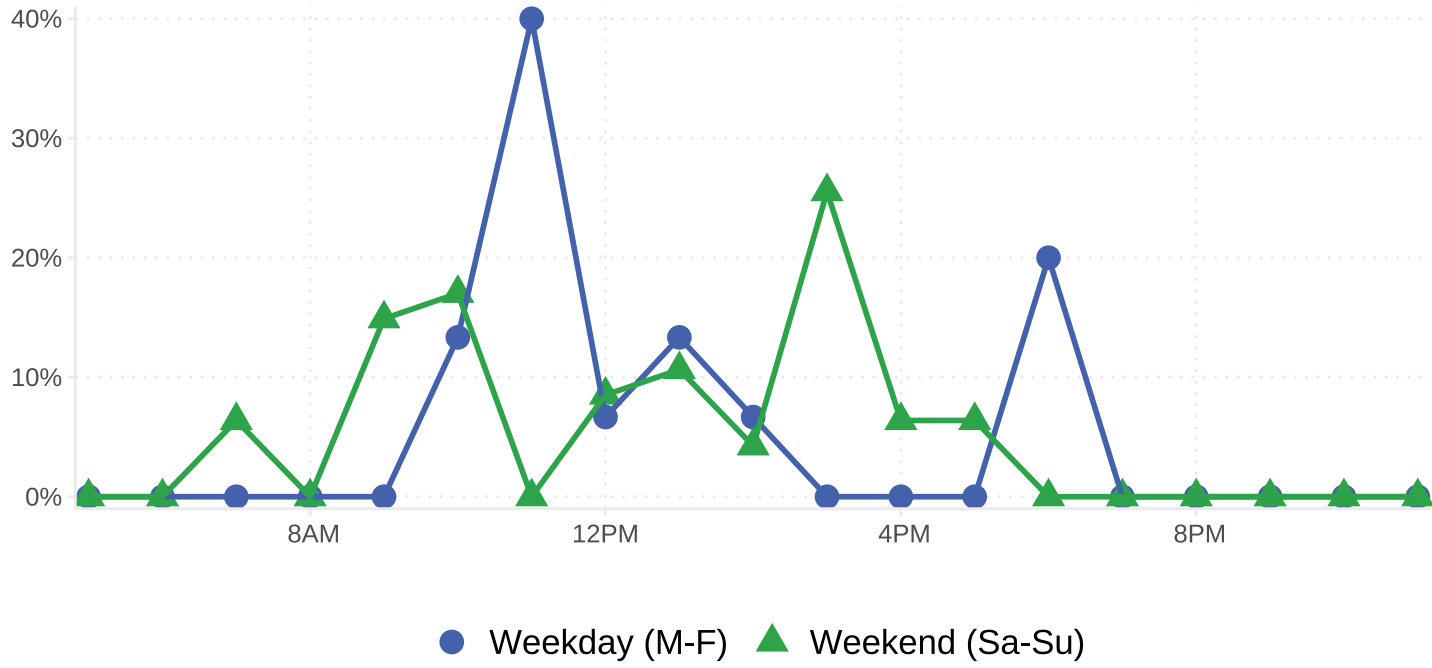
Mode share

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



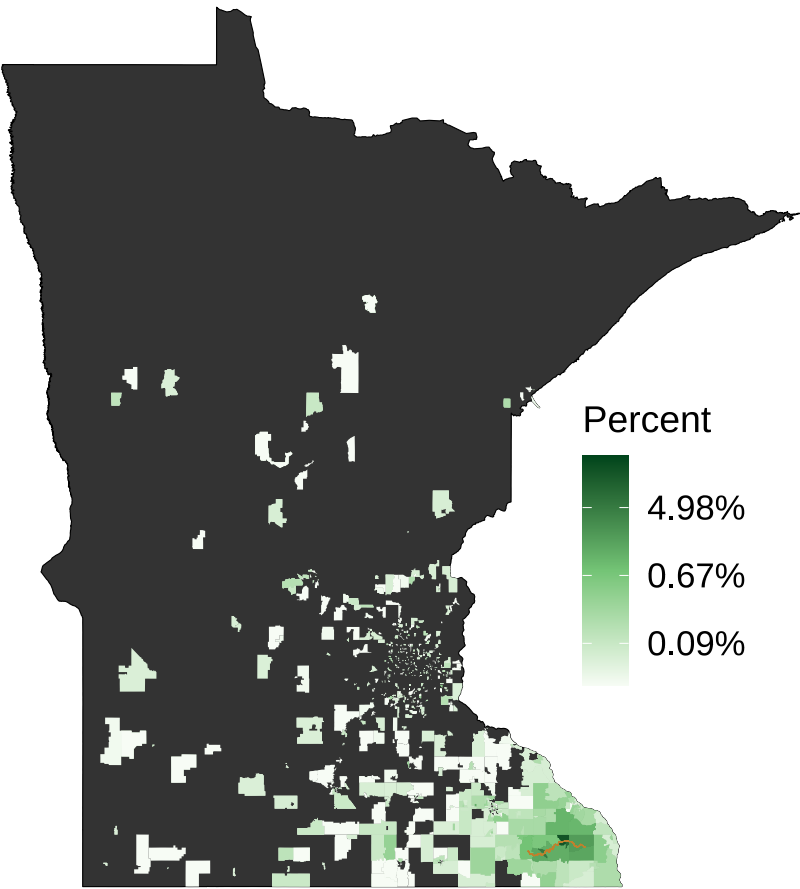
Hourly use

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



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 84% of visitors to Root River lived inside of Minnesota while 16% 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 Root River 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
Race/ethnicity		American Indian	0.6%	1.0%
		Asian	4.0%	5.2%
		Black	3.5%	6.9%
		Hispanic or Latinx	3.3%	6.1%
		More than one race	4.1%	4.1%
		Native Hawaiian and other Pacific Islander	0.0%	0.0%
		Some other race	1.5%	0.4%
		White	83.2%	76.3%
Income		Less than \$25,000	12.5%	10.4%
		\$25,000 - 39,999	14.4%	11.2%
		\$40,000 - 59,999	16.4%	15.1%
		\$60,000 - 74,999	11.1%	10.0%
		\$75,000 - 99,999	13.5%	14.1%
		\$100,000 - 149,999	16.6%	18.3%
		\$150,000 or higher	15.5%	20.8%
Education		High school	29.5%	30.9%
		Associate degree or some college	31.0%	32.4%
		4-year degree	23.0%	24.2%
		Graduate or professional degree	16.5%	12.6%