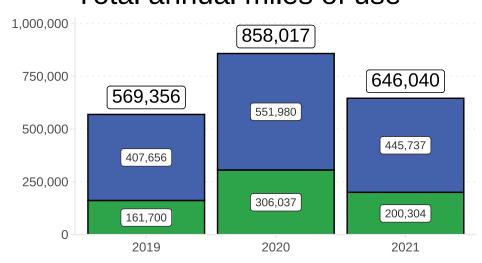
Willard Munger, Hinkley-Duluth Fire Segment State Trail

This factsheet summarizes trail-level data for Willard Munger, Hinkley-Duluth Fire Segment 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.

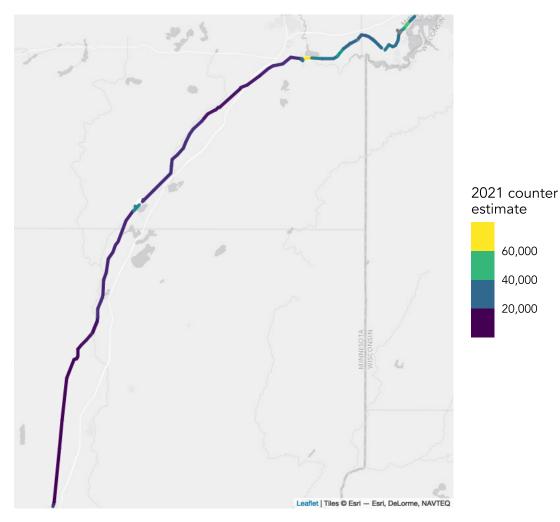
Total annual miles of use



Bicycle

Pedestrian

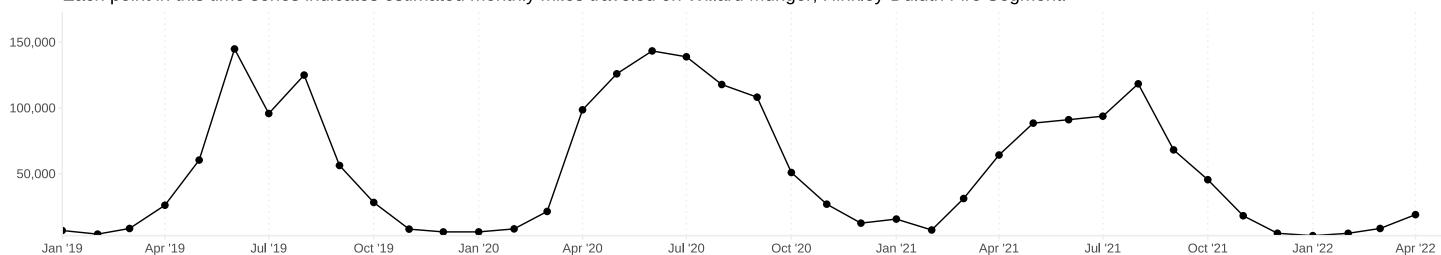
Year	Total miles traveled	Bicycle miles traveled	Pedestrian miles traveled	Total counter estimate	Bicycle counter estimate	Pedestrian counter estimate
2019	569,356	407,656	161,700	70,472	23,935	48,554
2020	858,017	551,980	306,037	102,484	33,894	76,045
2021	646,040	445,737	200,304	66,802	27,591	45,104



Willard Munger, Hinkley-Duluth Fire Segment is part of the DNR State Trail system (2D). Park boundaries were accessed via the Minnesota Geospatial Commons in July 2023 and may have been edited to improve LBS data performance.

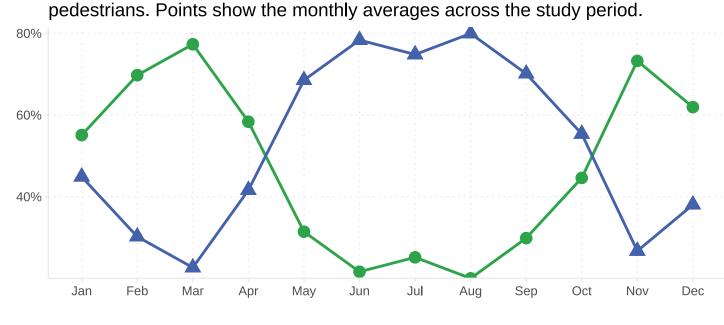
Monthly use

Each point in this time series indicates estimated monthly miles traveled on Willard Munger, Hinkley-Duluth Fire Segment.



Mode share

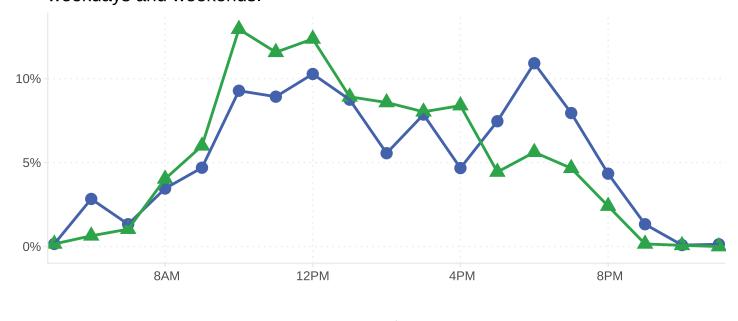
Mode share shows the percent of trail use occurring by bicyclists and



Mode ● Pedestrian ▲ Bicycle

Hourly use

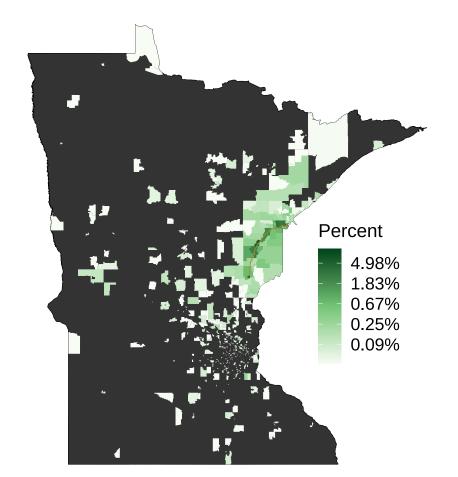
Hourly use during summer 2021 shows patterns of when visitors use trails on weekdays and weekends.



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 92% of visitors to Willard Munger, Hinkley-Duluth Fire Segment lived inside of Minnesota while 8% 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 Willard Munger, Hinkley-Duluth Fire Segment 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	1.4%	1.0%
Race/ethnicity	Asian	1.4%	5.2%
	Black	1.9%	6.9%
	Hispanic or Latinx	2.3%	6.1%
	More than one race	5.1%	4.1%
	Native Hawaiian and other Pacific Islander	0.0%	0.0%
	Some other race	0.9%	0.4%
	White	87.0%	76.3%
	Less than \$25,000	16.6%	10.4%
	\$25,000 - 39,999	12.9%	11.2%
	\$40,000 - 59,999	16.5%	15.1%
Income	\$60,000 - 74,999	11.0%	10.0%
	\$75,000 - 99,999	13.5%	14.1%
	\$100,000 - 149,999	17.3%	18.3%
	\$150,000 or higher	12.2%	20.8%
	High school	33.8%	30.9%
E1 - 2	Associate degree or some college	35.2%	32.4%
Education	4-year degree	20.4%	24.2%
	Graduate or professional degree	10.6%	12.6%