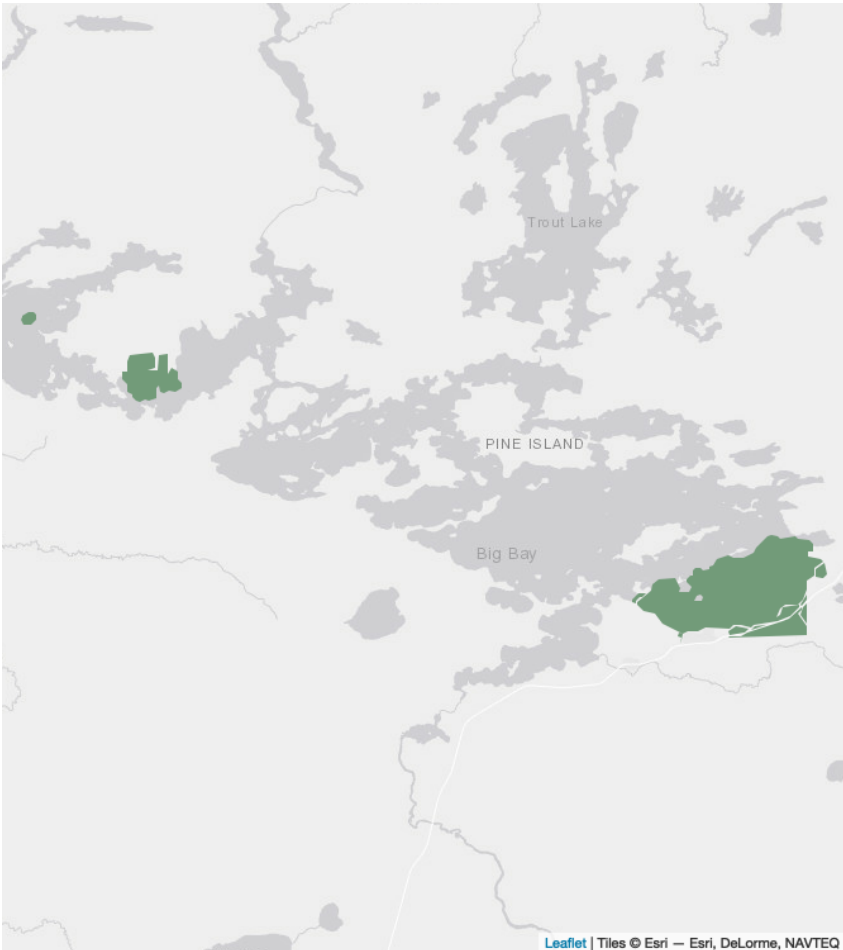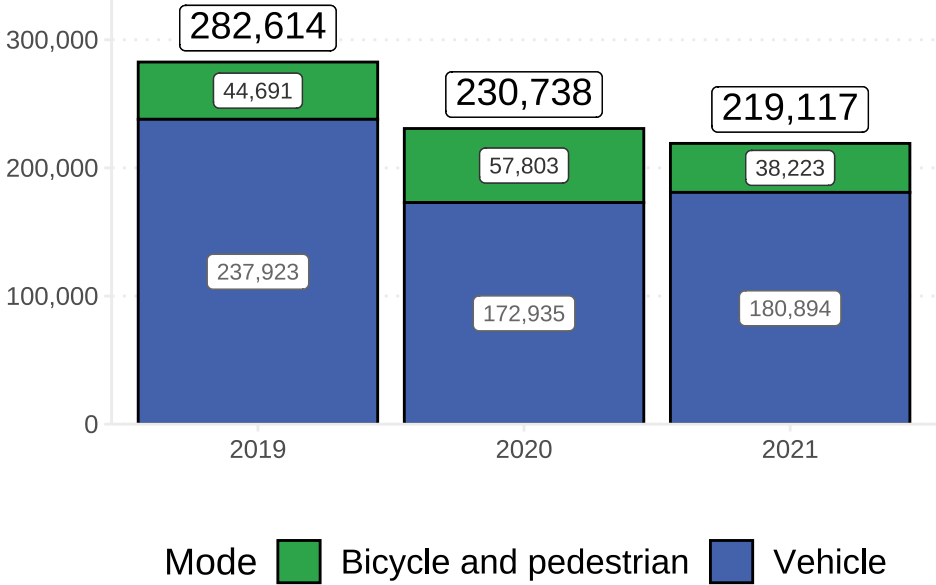# Lake Vermilion-Soudan Underground Mine State Park

This factsheet summarizes park-level data for Lake Vermilion-Soudan Underground Mine State Park. Use estimates were derived using location-based services (LBS) data and represent the number of visitors arriving to the park by vehicle, bike, or foot. A vehicle multiplier of 3.2 was used to convert vehicle counts to visitor counts for all DNR State parks.

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 visits

Year	Total visits	Vehicle visitors	Bicyclists	Pedestrians
2019	282,614	237,923	4,567	40,124
2020	230,738	172,935	5,747	52,056
2021	219,117	180,894	4,485	33,738

Mode: Bicycle and pedestrian / Vehicle

Lake Vermilion-Soudan Underground Mine is part of the DNR State Park system. The park is in St. Louis County (DNR Area 2B). Park boundaries were accessed via the Minnesota Geospatial Commons in July 2023 and may have been edited to improve LBS data performance.
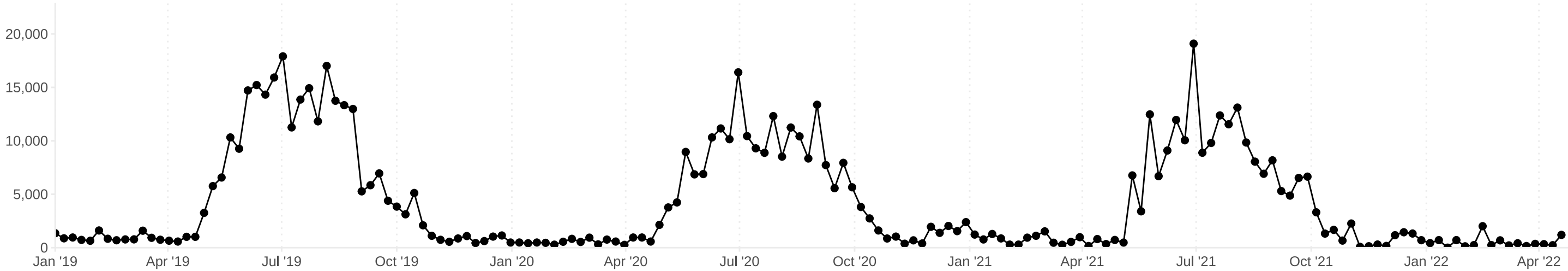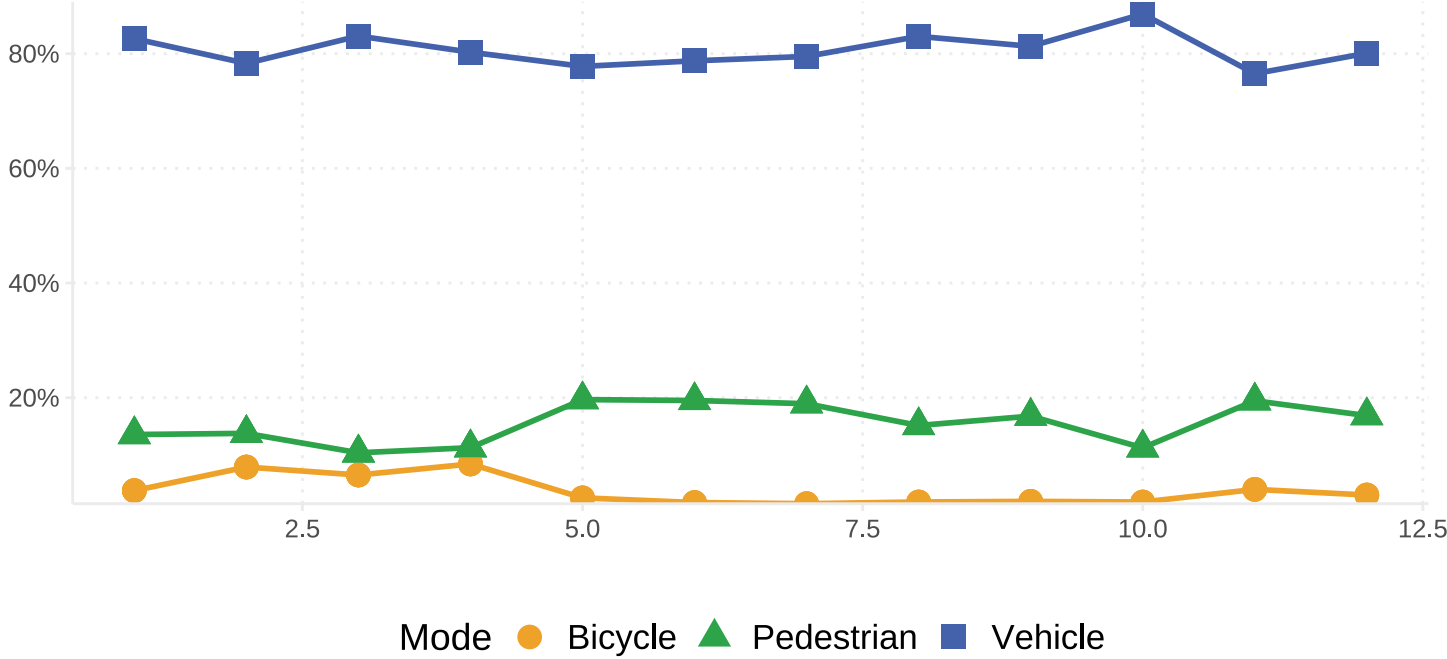
Weekly visits

Each point in this time series indicates estimated weekly visits to Lake Vermilion-Soudan Underground Mine.
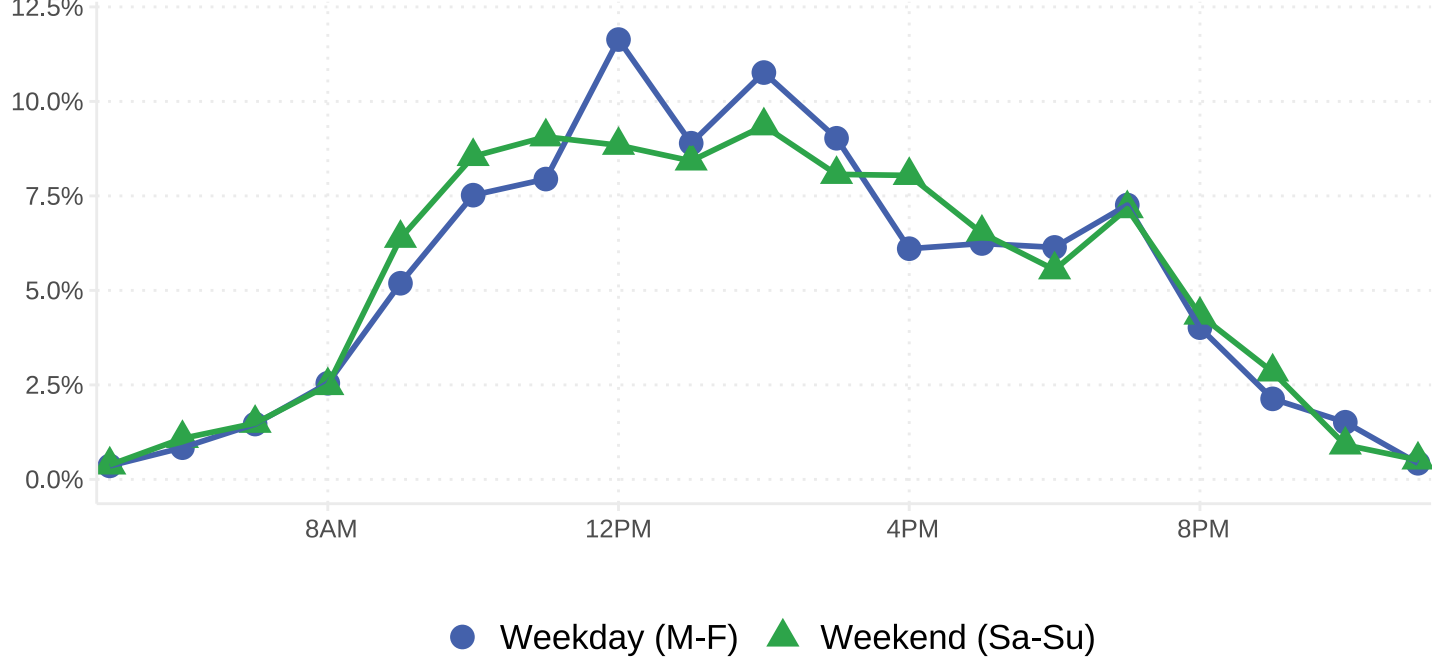

Mode share

Mode share shows the percent of visitors arriving by vehicle, bicycle, or on foot (pedestrian). Points show the monthly averages across the study period.
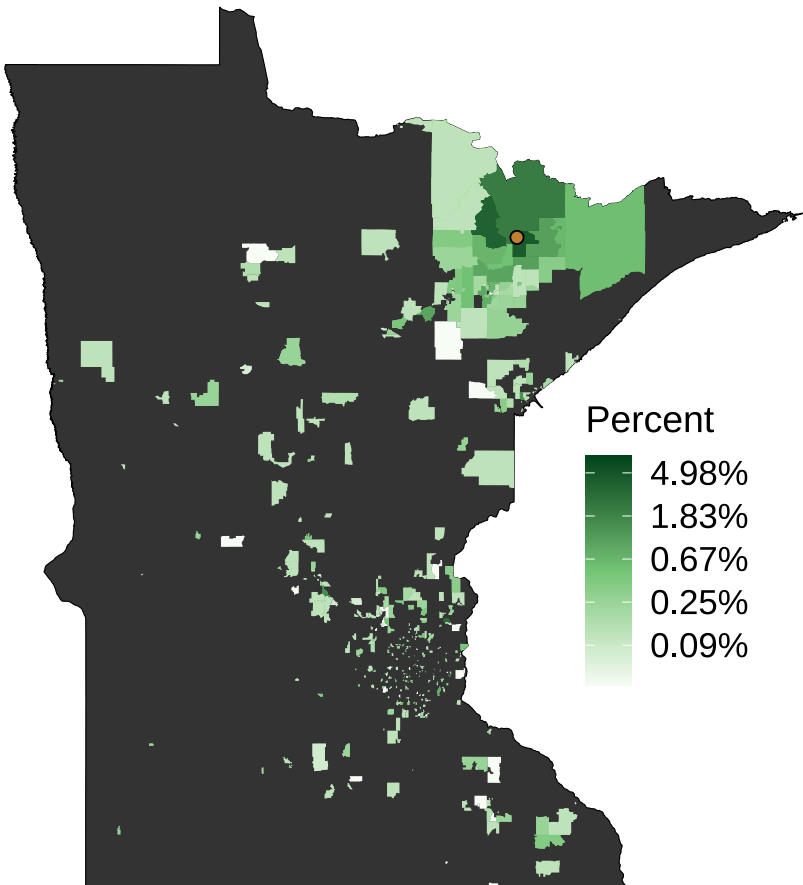

Mode: Bicycle / Pedestrian / Vehicle

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 100% of visitors to Lake Vermilion-Soudan Underground Mine lived inside of Minnesota while 0% of visitors lived outside of Minnesota.

Percent
- 4.98%
- 1.83%
- 0.67%
- 0.25%
- 0.09%

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 Lake Vermilion-Soudan Underground Mine 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 park-level demographic data.

Category	Census Group	Park Estimate (entire 2021)	State Average
Race/ethnicity	American Indian	1.5%	1.0%
	Asian	3.2%	5.2%
	Black	2.5%	6.9%
	Hispanic or Latinx	3.5%	6.1%
	More than one race	5.0%	4.1%
	Native Hawaiian and other Pacific Islander	0.0%	0.0%
	Some other race	1.5%	0.4%
	White	83.0%	76.3%
Income	Less than $25,000	14.3%	10.4%
	$25,000 - 39,999	12.0%	11.2%
	$40,000 - 59,999	14.9%	15.1%
	$60,000 - 74,999	10.2%	10.0%
	$75,000 - 99,999	14.1%	14.1%
	$100,000 - 149,999	18.1%	18.3%
	$150,000 or higher	16.4%	20.8%
Education	High school	30.3%	30.9%
	Associate degree or some college	35.0%	32.4%
	4-year degree	23.0%	24.2%
	Graduate or professional degree	11.8%	12.6%