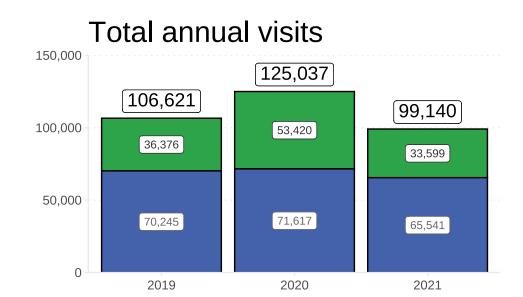
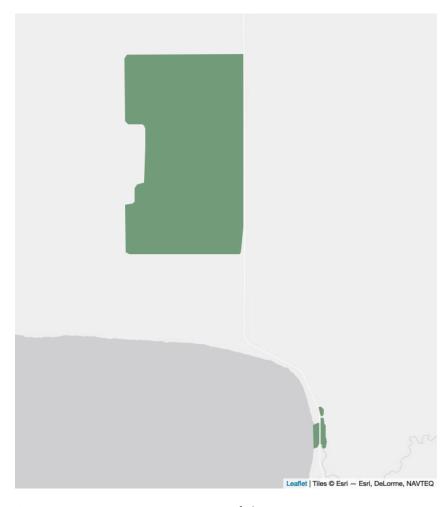
Big Bog State Recreation Area

This factsheet summarizes park-level data for Big Bog (State Recreation Area) State Recreation Area. 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.



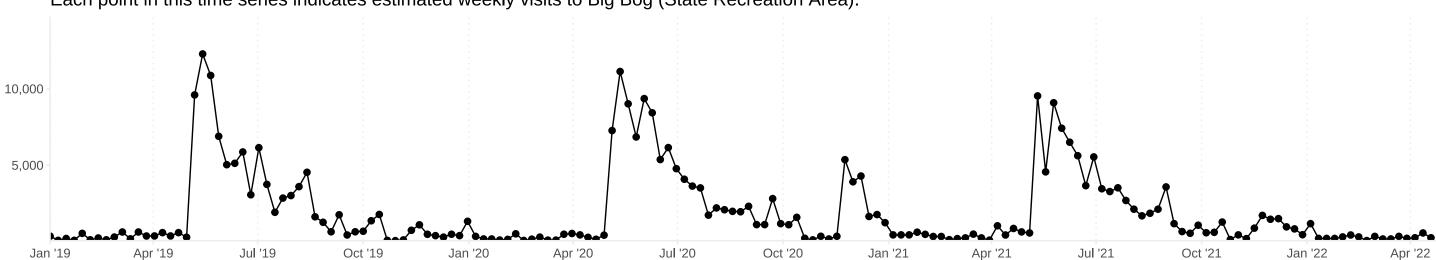
Year	Total visits	Vehicle visitors	Bicyclists	Pedestrians
2019	106,621	70,245	7,098	29,278
2020	125,037	71,617	7,181	46,239
2021	99,140	65,541	5,885	27,714



Big Bog (State Recreation Area) is part of the DNR State Park system. The park is in Beltrami County (DNR Area 1A). Park boundaries were accessed via the Minnesota Geospatial Commons in July 2023 and may have been edited to improve LBS data performance.

Weekly visits

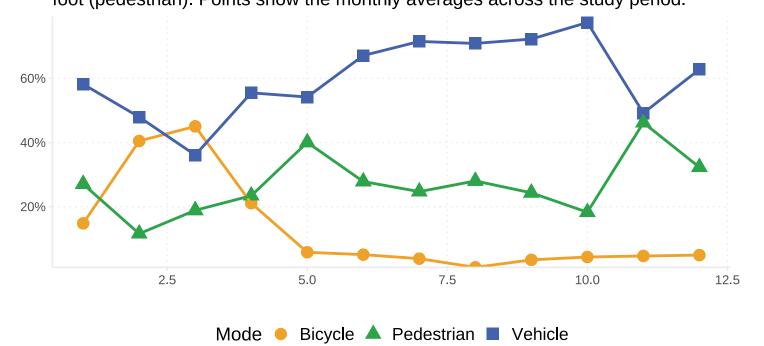
Each point in this time series indicates estimated weekly visits to Big Bog (State Recreation Area).



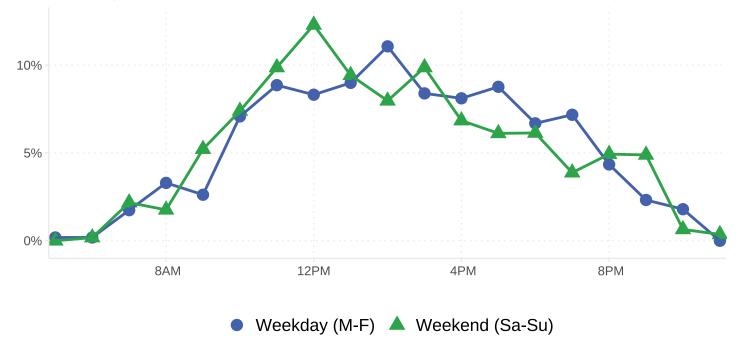
Mode share

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

Bicycle and pedestrian Vehicle

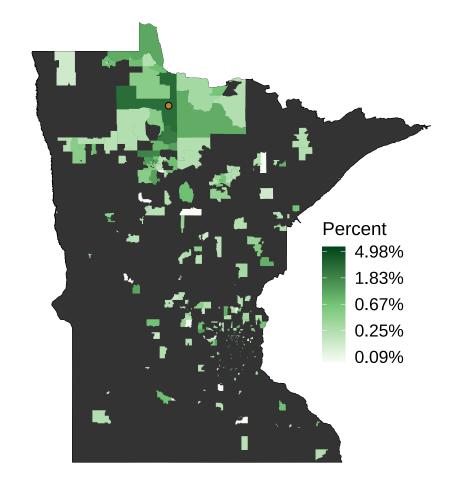


Hourly use during summer 2021 shows patterns of when visitors use trails on weekdays and weekends.



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 100% of visitors to Big Bog (State Recreation Area) lived inside of Minnesota while 0% of visitors lived outside of Minnesota.



Visitor Demographics

Hourly use

Visitor demographics are inferred based on home locations and data from the 2020 US Census. The table summarizes inferred demographic attributes of visitors to Big Bog (State Recreation Area) 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
	American Indian	2.1%	1.0%
	Asian	2.0%	5.2%
	Black	2.3%	6.9%
	Hispanic or Latinx	3.6%	6.1%
Race/ethnicity	More than one race	4.9%	4.1%
	Native Hawaiian and other Pacific Islander	0.0%	0.0%
	Some other race	1.6%	0.4%
	White	83.5%	76.3%
	Less than \$25,000	15.9%	10.4%
	\$25,000 - 39,999	12.2%	11.2%
	\$40,000 - 59,999	16.2%	15.1%
ncome	\$60,000 - 74,999	10.5%	10.0%
	\$75,000 - 99,999	15.2%	14.1%
	\$100,000 - 149,999	17.3%	18.3%
	\$150,000 or higher	12.8%	20.8%
	High school	35.1%	30.9%
Education	Associate degree or some college	35.5%	32.4%
	4-year degree	20.0%	24.2%
	Graduate or professional degree	9.4%	12.6%