Alaska Statewide Comprehensive Outdoor Recreation Plan 2023 – 2027

What is a SCORP?

The Statewide Comprehensive Outdoor Recreation Plan (SCORP) serves as a guide for all public outdoor recreation in urban and rural neighborhoods, cities, and regions. Provides direction for $37.5 million in LWCF ($25m) and RTP ($12.5m) funding priorities over next five years.

Design features of this SCORP

Collaboration:
- $400,000 planning grant through NPS - LWCF
- Core Planning Team: DPOR, DCCED, NPS – RTCA, AK Trails
- Statewide Advisory Group: 25 members, gov. agencies, industry, NGOs
- Regional Advisory Groups: 7 subregions, and rural areas, plans and templates
- Top-down and bottom-up planning effort

Generate Data:
- GIS maps – outdoor recreation agencies, locations, features, scalable, baseline templates
- GIS data portal – record and share information on outdoor recreation
- Visitor mobility data (2019 – 2021): heat maps, trends, resident / non-resident
- Surveys / feedback – used Qualtrics platform to generate data through 3 surveys – public, land managers, tribal – and input on SCORP draft review in November

Design features of this SCORP

New Statewide Goals and Strategies

Goal 1: Support the Alaska Outdoor Recreation Way of Life

Goal 2: Make Outdoor Recreation a Cornerstone of Alaska's Economy

Goal 3: Grow the Outdoor Recreation Workforce; Use Outdoor Recreation to Attract and Retain Residents and Businesses

Goal 4: Empower and Enable Alaskans to Lead Active, Healthy Lives

Goal 5: Balance Outdoor Recreation Growth and Stewardship

Goal 6: Grow Stable and Sustainable Outdoor Recreation Funding

Goal 7: Strengthen Partnerships to Improve Outdoor Recreation Management

Suite of Advocacy, Education, and Planning Tools

- Tools shape recommendations in SCORP
- Use to support data-driven decisions on outdoor recreation investments and land management policies
- Makes the case to keep these data up-to-date and relevant
- Ensure information and data is available and used by decision makers and the public to guide Alaska's outdoor recreation future

Robust Public Engagement – Driven by Alaskan Input

Statewide Advisory Group (SWAG)

Regional working groups

Public Survey

Land Manager Survey

Tribal Government Survey

Public Comment on SCORP – Nov. 1- 28

What is the SCORP?

No, it's not a new snack mix.

The SCORP (Alaska Statewide Comprehensive Outdoor Recreation Plan) is written every five years and guides all public outdoor recreation on public lands and in urban and rural neighborhoods statewide.

Get in the mix—The SCORP is currently under development and your input is needed.

STATEWIDE COMPREHENSIVE
ALASKA
SCORP
2023-27
OUTDOOR RECREATION PLAN

Love the outdoors.

Photo: Kristina Smolenski

National Park Service is in final review and approval of the SCORP. DPOR will publish when accepted.

Past SCORP projects:

1966-2019

+300 Funded Projects
+50 different Cities & Villages
$40M in LWCF Awards

Facility Improvements in Fairbanks

Playgrounds in Wrangell

Athletic Fields in Ketchikan

Campgrounds in Palmer

Trails in Juneau

Greenbelt in Anchorage

Parking in Chugach State Park

Restrooms in Homer
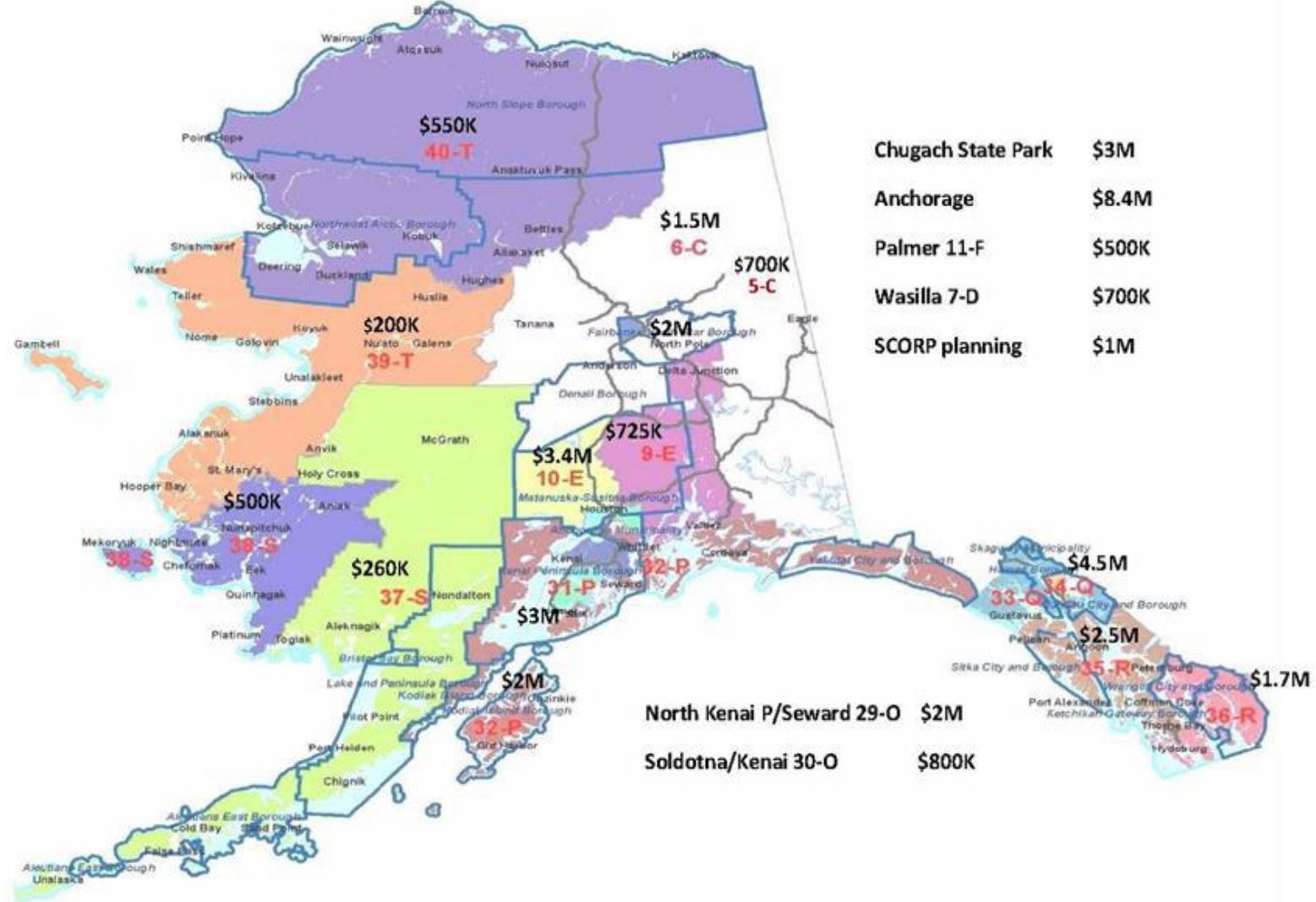
Park Maintenance in Dillingham

Public Use Cabins across the state

Land acquisition in the Aleutians

LWCF Awards by District / Area 1966-2017 — Total: $40M

Chugach State Park	$3M
Anchorage	$8.4M
Palmer 11-F	$500K
Wasilla 7-D	$700K
SCORP planning	$1M

North Kenai P/Seward 29-O — $2M
Soldotna/Kenai 30-O — $800K

Land and Water Conservation Fund (LWCF)
Past Funded Projects by Region 1966-2019

ALASKA 2023-2027
SCORP | Statewide Comprehensive Outdoor Recreation Plan

Select a Region
No category selected

LWCF Projects (Click to Zoom)

Chilkat State Park (Haines) 02-00231
Project Amount $2,337,327
$11,354,935 (Inflation adjusted to 2022 $)
Haines Borough

Campbell Creek Greenbelt 02-00180
Project Amount $1,870,000
$11,166,897 (Inflation adjusted to 2022 $)
Anchorage Municipality

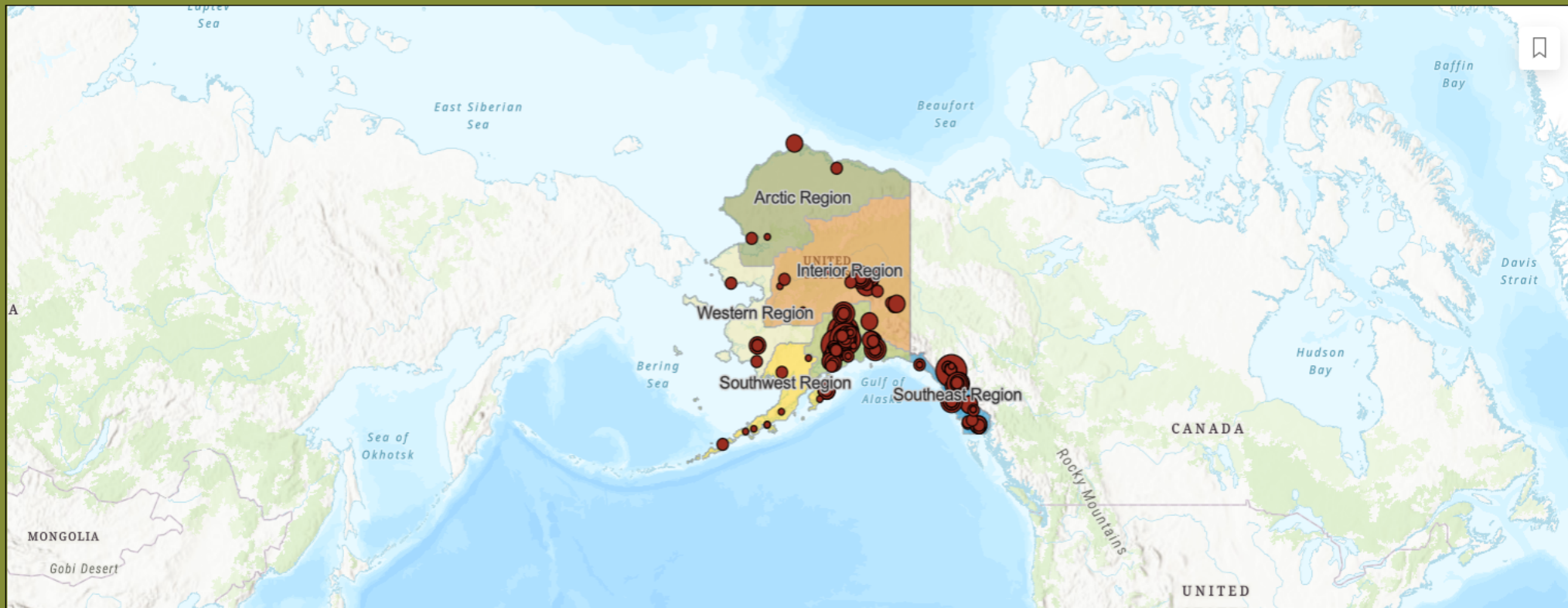**Nancy Lake Recreation Area** 02-00043
Project Amount $760,740

Total LWCF Projects

$39.2M
(Unadjusted)

$157.8M
(Inflation Adjusted to 2022 $)

LWCF Map Legend

- ● > 5,000,000 - 12,000,000
- ● > 1,000,000 - 5,000,000
- ● > 500,000 - 1,000,000
- • > 100,000 - 500,000
- · 0 - 100,000

LWCF Funding By Year and Region

(Adjusted for Inflation to 2022 $)
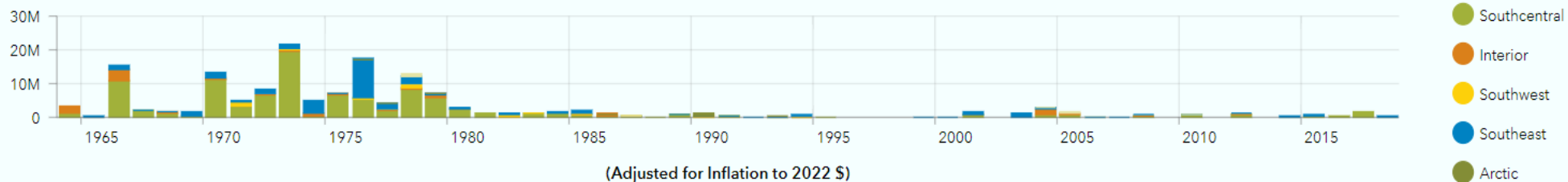
- Southcentral
- Interior
- Southwest
- Southeast
- Arctic

Esri, USGS | Esri, FAO, NOAA, USGS | State of Alaska Division of Parks and Outdoor Recreation, Alaska Map Company, LLC

Powered by Esri

Arctic Region
Interior Region
Western Region
Southwest Region
Southeast Region

ALASKA 2023-2027
SCORP | Statewide Comprehensive Outdoor Recreation Plan

Land and Water Conservation Fund (LWCF)
Past Funded Projects by Region 1966-2019

ALASKA 2023-2027
SCORP
Statewide
Comprehensive
Outdoor
Recreation
Plan

Select a Region
Southcentral

LWCF Projects (Click to Zoom)

Campbell Creek Greenbelt 02-00180
Project Amount $1,870,000
$11,166,897 (Inflation adjusted to 2022 $)
Anchorage Municipality

Nancy Lake Recreation Area 02-00043
Project Amount $760,740
$6,705,442 (Inflation adjusted to 2022 $)
Matanuska-Susitna Borough

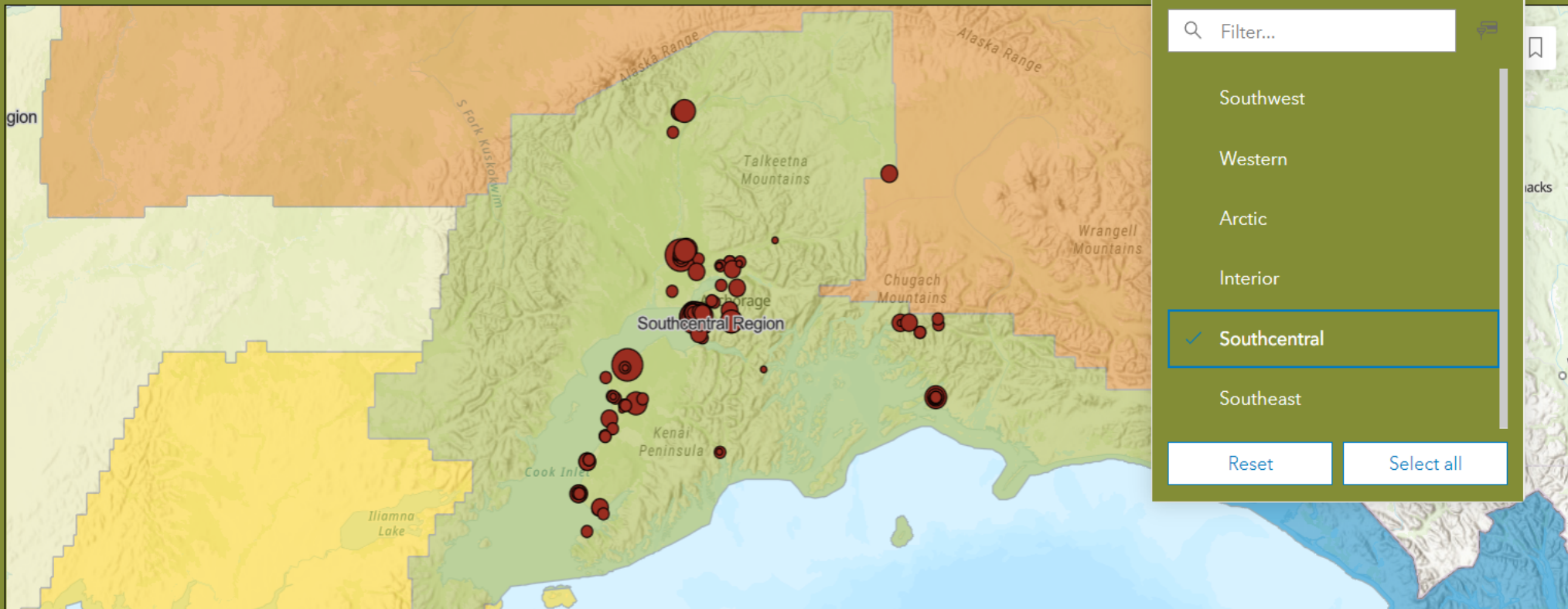**Captain Cook Recreation Area** 02-00062

Total LWCF Projects

$23.8M
(Unadjusted)

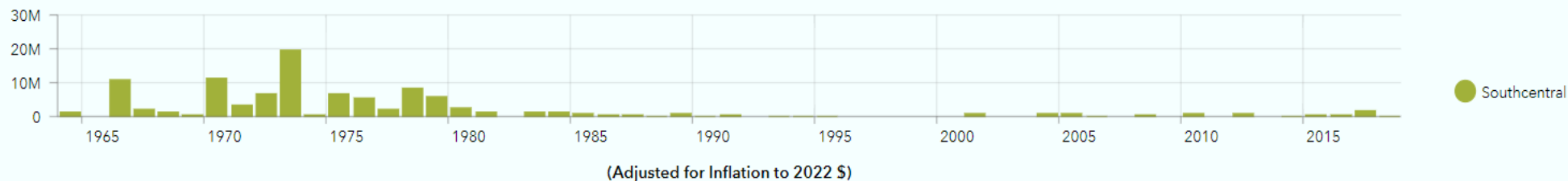# $101.8M
(Inflation Adjusted to 2022 $)

Filter...

Southwest

Western

Arctic

Interior

✓ Southcentral

Southeast

Reset   Select all

Esri; USGS | State of Alaska, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA | State of Alaska Division of Parks and Outdoor Recreation, Alaska Map Company, LLC

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LWCF Map Legend

> 5,000,000 - 12,000,000

> 1,000,000 - 5,000,000

> 500,000 - 1,000,000

> 100,000 - 500,000

0 - 100,000

LWCF Funding By Year and Region

(Adjusted for Inflation to 2022 $)

Southcentral

ALASKA 2023-2027
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Comprehensive
Outdoor
Recreation
Plan

Data

OUTDOOR RECREATION SUPPLY

- GIS data – identifying designated parks, refuges, and active OR use areas

OUTDOOR RECREATION DEMAND

Trends in amounts, locations, types of use, based on:

- Mobile Anonymized Aggregated Cell Data

- Public Survey (Qualtrics platform)

- Land Manager Survey

- Tribal Government Survey

Recreational Supply GIS Goals

1. Develop a lasting resource that goes beyond the report
   GIS is more than MAP
2. Develop consistent statewide datasets to support the mobility demand analysis
3. Develop process for maintaining and improving the statewide GIS supply (Rising tide lifts all boats)
4. Create centralized public access HUB for data and dashboards and useful statewide digital products
5. Share templates to guide standards and help small communities to develop data

The Underutilization of GIS and How to Cure It:
An ArcGIS Hub Webinar
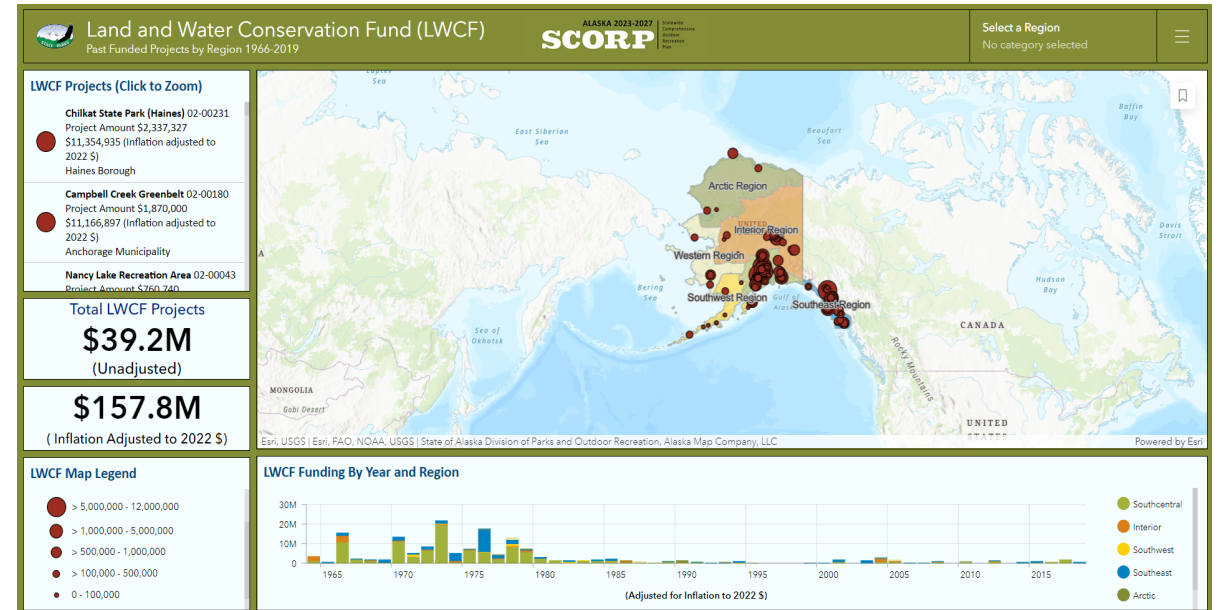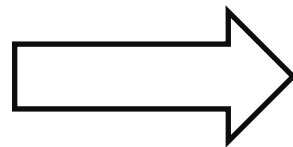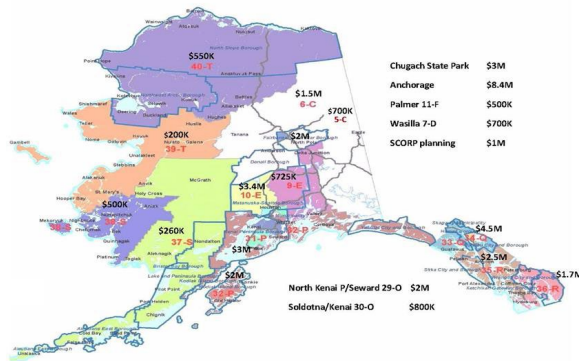https://www.youtube.com/watch?v=xzltxwHgopg
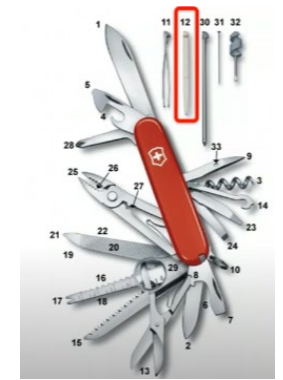
GIS is more Than MAP

1. Spatial Analysis – Cell Phone Analysis
2. Apps – Dashboards and Story Map
3. Data Management – Data Management Process
4. Content Development – Iterative Geodatabase design
5. Community Engagement – Build HUB user base
12. Mapping and Visualization

SCORP GIS Hub Site - The purpose of this hub site is to centralize the management of Statewide GIS Assets related to Outdoor Recreation.

Data Contribution Survey

Allows GIS data managers to contribute data

Data Section
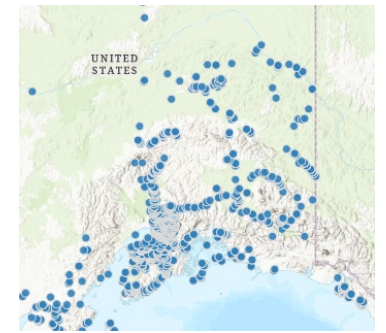
Allows GIS data managers to download data

Dashboard Section

Map Dashboards for data managers, park managers, park users and planners

Development Section

Template geodatabase to enable development of GIS data

Interactive SCORP Dashboards

We have created several dashboards to better understand the supply of outdoor recreational lands, trails and assets.

SCORP LWCF Projects

SCORP LWCF Projects Dashboard

Land and Water Conservation Fund Projects 1966 to 2019

SCORP Alaska State Parks System

Alaska State Parks System

"A System of Dreams" - Neil Johannsen

SCORP Priority Projects

SCORP Priority Projects Dashboard

SCORP Priority Projects Dashboard

SCORP Detailed Park Map

SCORP Detailed Park Dashboard

Detailed areas for cell phone analysis.

SCORP Recreational Supply Map

SCORP Recreation Supply Dashboard

SCORP Recreation Supply Dashboard

SCORP Cities and Boroughs

SCORP Cities and Boroughs

Cities and Boroughs

SCORP Regional Map

SCORP Regional Dashboard

SCORP Regional Dashboard

Communities contacted for GIS data.

- Fairbanks North Star Borough
- City and Borough of Juneau
- Matanuska-Susitna Borough
- Kenai Peninsula Borough
- Municipality of Anchorage
- Valdez
- Municipality of Skagway
- Ketchikan Gateway Borough
- City and Borough of Sitka
- Petersburg Borough
- City and Borough of Wrangell
- City and Borough of Yakutat
- Haines Borough
- Cordova
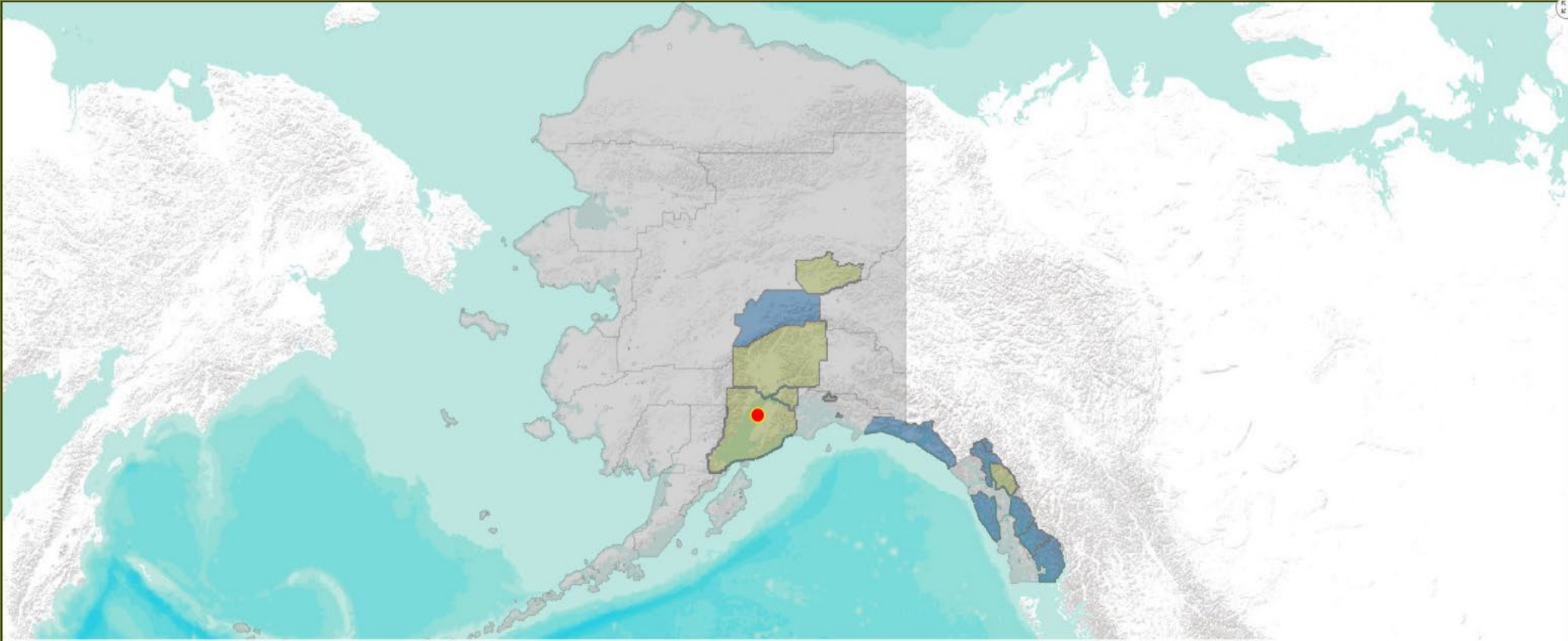
Sources: Esri, USGS, NOAA | State of Alaska Division of Parks and Outdoor Recreation, Alaska Map Company, LLC

Powered by Esri

New Data Contributions

Organization: City of Kenai
Submitted: 10/5/2022, 2:28 PM

Contacted for GIS data	Maintain GIS	Maintain GIS for Outdoor Recreation	Contributed data to the SCORP	Total Alaska Communities (Cities, Boroughs and Census Areas)
16	15	12	6	175

Local Government GIS Data Collection

Park Areas

2,506

...

Source: SCORP_Parks

Trail Segments

13,500

...

Source: SCORP_Trails

Recreational Facilities

6,149

...

Source: SCORP_Facilities

LWCF Projects

350

...

Source: SCORP_LWCF_Projects

Statewide Comprehensive Outdoor Recreation Plan (SCORP) HUB

SCORP Parks

Gary Greenberg
Alaska Department of Natural Resources ArcGIS Online

Summary

The purpose of these data is to consolidate recreational lands across the State of Alaska to provide a basis for analyzing use.

View Full Details

Download

Details

Dataset
Feature Layer

October 5, 2022
Info Updated

October 5, 2022
Data Updated

August 1, 2022
Published Date

2,506 Records
View data table

2,506 records

Statewide Comprehensive Outdoor Recreation Plan (SCORP) HUB

SCORP Trails

Gary Greenberg
Alaska Department of Natural Resources ArcGIS Online

Summary

Statewide park trails from various GIS sources.

View Full Details

Download

Details

Dataset
Feature Layer

October 5, 2022
Info Updated

October 5, 2022
Data Updated

May 19, 2022
Published Date

13,574 Records
View data table

13,574 records

Statewide Comprehensive Outdoor Recreation Plan (SCORP) HUB

SCORP Facilities

Gary Greenberg
Alaska Department of Natural Resources ArcGIS Online

Summary

Statewide park facilities from various GIS sources.

View Full Details

Download

Details

Dataset
Feature Layer

October 5, 2022
Info Updated

October 5, 2022
Data Updated

May 11, 2022
Published Date

6,149 Records
View data table

Privately Shared
Select groups can see this content

Custom License
View license details

Metrics

Only showing data for the last 30 days

6,149 records

Data Dissemination

ALASKA 2023-2027 | Statewide Comprehensive Outdoor Recreation Plan
SCORP

State Park

Portage Cove State Recreation Site

Chilkat State Park

Chilkat Islands State Marine Park

State Park

Park Type

- State Recreation Site
- State Marine Park
- State Recreation Area
- State Park
- State Historical Park
- State Historical Site
- Other

SCORP Region

Region

- Southeast

Chilkat State Park

This park offers a log cabin information center, 35-site campground, picnic area, boat launch and trails. The campground sits in a mixed forest of evergreens and deciduous trees at the edge of Chilkat Inlet. The boat launch provides access to the inlet and the run of king salmon in early June. The

Southeast Region

CHILKAT STATE PARK

Facilities

- ★ ADA Facility - Yes
- ★ 9,837 Acres
- ★ 35 Campsites (see fee page)
- ★ 4 Walk-in campsites
- ★ 35' RV size limit
- ★ Camping Limit - 15 days
- ★ Latrines -
- ★ Water
- ★ Picnic sites (4)
- ★ Picnic Shelter (1)
- ★ Trails (3)
- ★ Boat Launch (see fee page)

Useful Information

Chilkat State Park Map

Activities

- ★ Boating
- ★ Camping
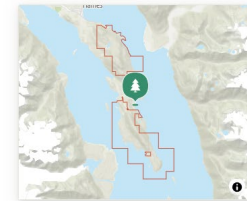- ★ Day use/Picnic
- ★ Fishing
- ★ Hiking

https://dnr.alaska.gov/parks/aspunits/southeast/chilkatsp.htm

Chilkat State Park

Area

Share   Social

https://www.outerspatial.com/areas/chilkat-state-park
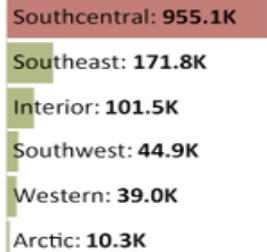
ALASKA 2023-2027 SCORP | Statewide Comprehensive Outdoor Recreation Plan

Cell phone mobility data advises SCORP and future management database

Southcentral Region

SAMPLE SIZE
Annual Average

Southcentral: 955.1K
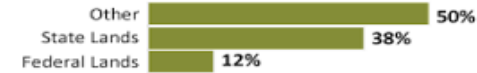Southeast: 171.8K
Interior: 101.5K
Southwest: 44.9K
Western: 39.0K
Arctic: 10.3K

SAMPLE SIZE
DEVICE DAYS BY YEAR

1.0M   1.1M
695.7K
2019   2020   2021
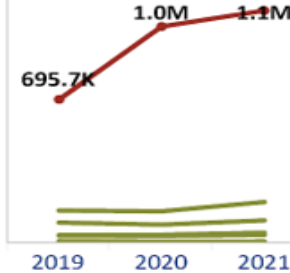
USE BY AGENCY
PERCENT OF DEVICE DAYS

Other — 50%
State Lands — 38%
Federal Lands — 12%

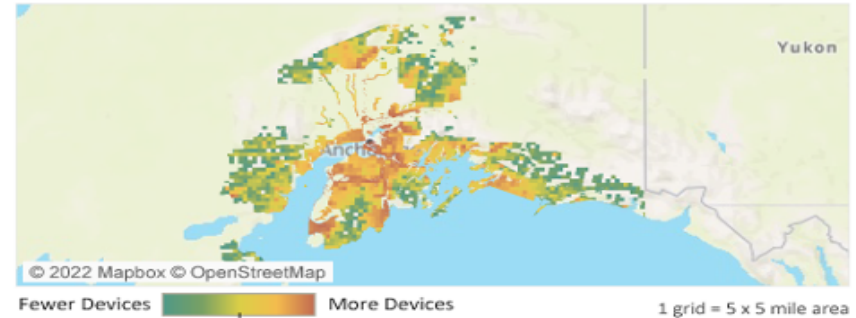**TOP 5 LOCATIONS**
BY DEVICE DAYS
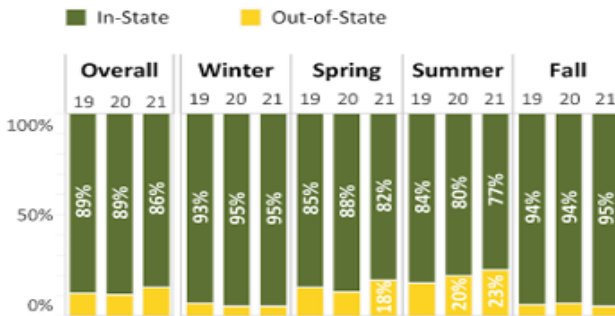
1. Chugach State Park
2. Kenai River Special Management Area
3. Matanuska Valley
4. Palmer Hay Flats
5. Chugach National Forest, Glacier Ranger District

DISTRIBUTION OF USE

© 2022 Mapbox © OpenStreetMap
Fewer Devices   More Devices
1 grid = 5 x 5 mile area
Yukon
Anchor

VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY SEASON AND YEAR

In-State   Out-of-State

	Overall			Winter			Spring			Summer			Fall		
	19	20	21	19	20	21	19	20	21	19	20	21	19	20	21
In-State	89%	89%	86%	93%	95%	95%	85%	88%	82%	84%	80%	77%	94%	94%	95%
Out-of-State									18%		20%	23%			

VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY BOROUGH (TOP 5) AND YEAR

	2019	2020	2021
Anchorage Municipality	52%	54%	53%
Matanuska-Susitna Borough	18%	18%	17%
Kenai Peninsula Borough	11%	11%	10%
Valdez-Cordova Census Area	3%	3%	2%
Fairbanks North Star Borough	1%	1%	1%
Other Alaska	2%	1%	1%
Out of State/International	13%	12%	16%

PATTERNS OF USE
7-DAY MOVING AVERAGE OF DAILY DEVICE COUNTS

4K
2K
0K
Jan 1 Jan 22 Feb 12 Mar 5 Mar 26 Apr 16 May 7 May 28 Jun 18 Jul 9 Jul 30 Aug 20 Sep 10 Oct 1 Oct 22 Nov 12 Dec 3 Dec 24
2021   2019   2020

Trends in Use:
- Use spiked from 2019 to 2020 and 2021. The increase in use is driven likely by locals getting to their nearby parks during the pandemic
- Use increased across all seasons, but especially during the summer

Visitor Profile:
- The visitor profile did not change much at all over the past three years. Just over 50% of use is done by locals of Anchorage with Mat-Su and Kenai close behind
- Out-of-state use remained steady with a slight increase in 2021

Highest Demand:
- Chugach State Park is by far the most used site with the Kenai River Special Management Area following in second
- Matanuska Valley and Palmer Hay Flats see high use in the region as well
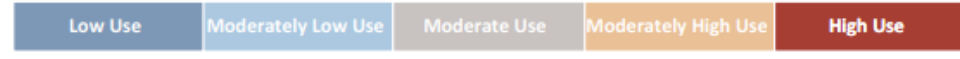
Chugach State Park
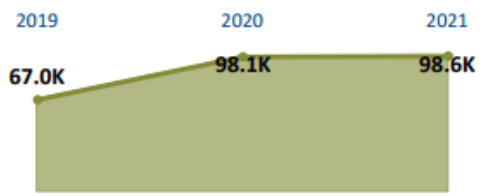
STATE OF ALASKA (DPOR) | STATE PARK

USE
RELATIVE TO STATEWIDE LOCATIONS OF INTEREST

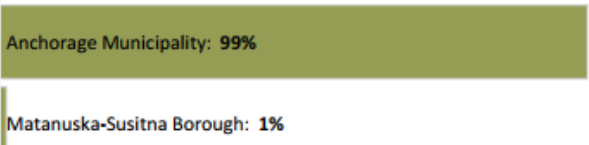| Low Use	Moderately Low Use	Moderate Use	Moderately High Use	High Use

▼

*Use is defined by cluster analysis

SAMPLE SIZE
ADJUSTED DEVICE DAYS BY YEAR

2019 — 67.0K
2020 — 98.1K
2021 — 98.6K

Chugach State Park encompasses 2 boroughs.
PERCENT OF DEVICE DAYS BY BOROUGH
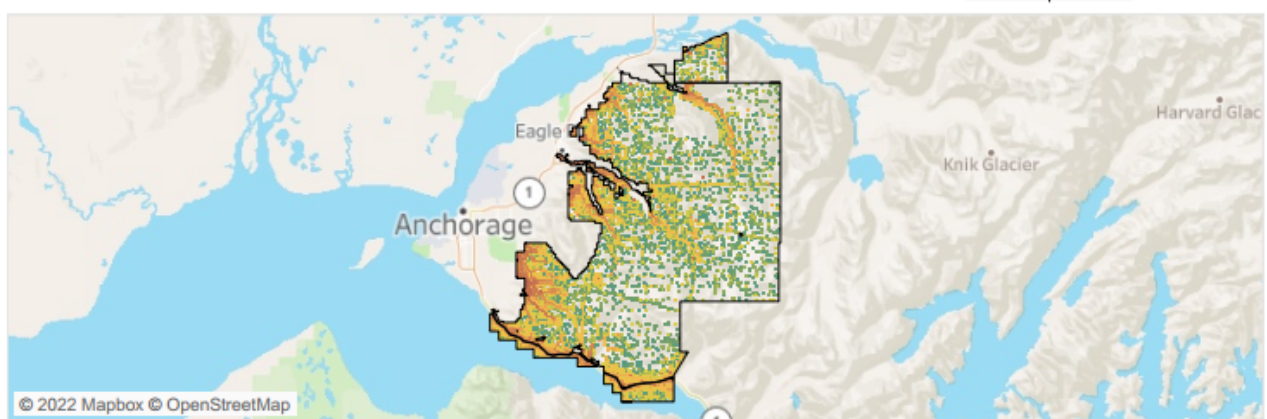
Anchorage Municipality: **99%**

Matanuska-Susitna Borough: **1%**

DISTRIBUTION OF USE

Fewer Devices   More Devices

© 2022 Mapbox © OpenStreetMap

1 grid = .25 x .25 mile area

VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY SEASON AND YEAR

■ In-State   ■ Out-of-State

Overall
- 19: 86% / 14%
- 20: 84% / 16%
- 21: 76% / 24%

Winter
- 19: 92% / -
- 20: 92% / -
- 21: 92% / 8%

Spring
- 19: 83% / 17%
- 20: 85% / 15%
- 21: 72% / 28%

Summer
- 19: 81% / 19%
- 20: 72% / 28%
- 21: 65% / 35%

Fall
- 19: 91% / 9%
- 20: 89% / -
- 21: 90% / -
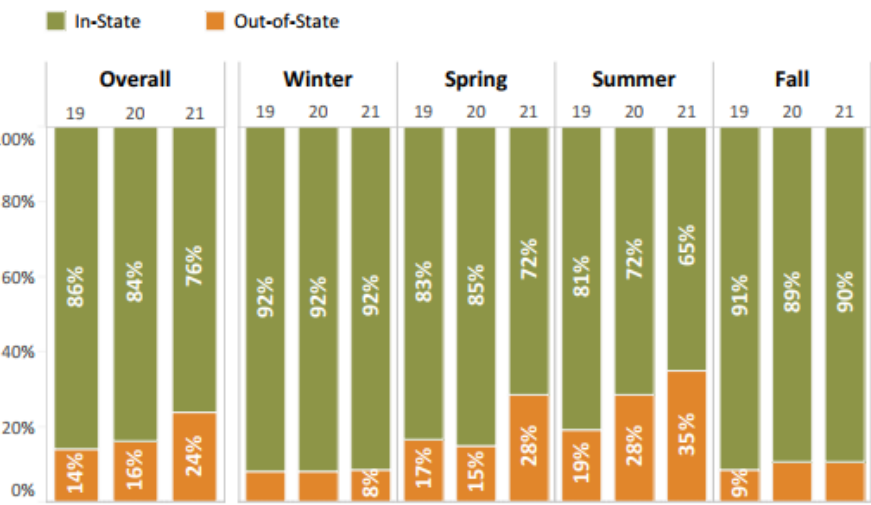
VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY BOROUGH (TOP 10) AND YEAR

|	2019	2020	2021
Anchorage Municipality	71%	70%	64%
Matanuska-Susitna Borough	7%	7%	6%
Kenai Peninsula Borough	4%	4%	3%
Fairbanks North Star Borough	1%	1%	1%
Valdez-Cordova Census Area	0%	0%	0%
Juneau City and Borough	0%	0%	0%
Denali Borough	0%	0%	0%
Kodiak Island Borough	0%	0%	0%
Bethel Census Area	0%	0%	0%
Southeast Fairbanks Census Area	0%	0%	0%
Other Alaska	0%	0%	0%
Out of State/International	16%	18%	25%

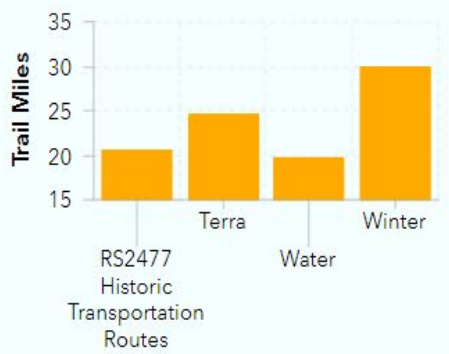## PATTERNS OF USE
7-DAY MOVING AVERAGE OF DAILY DEVICE COUNTS

2019
2021
2020
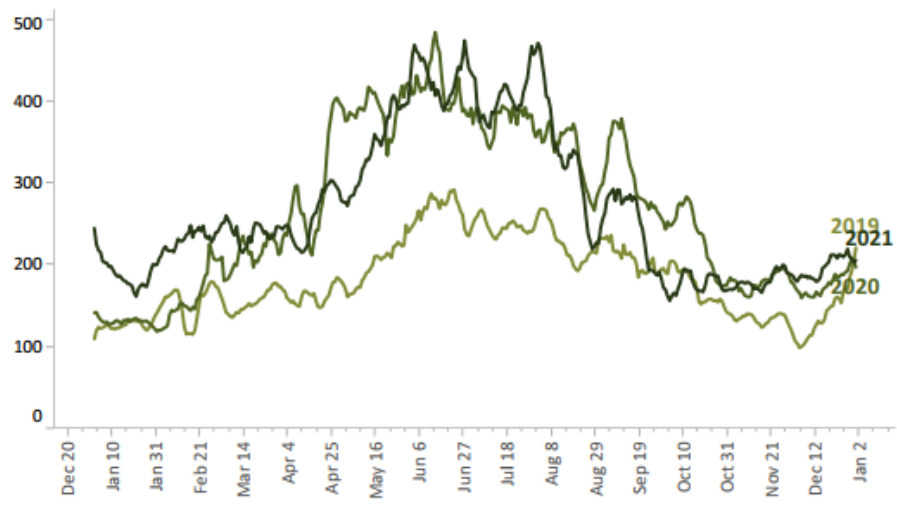
Mineral Creek State Recreation Site
State Recreation Site

Montana Creek State Recreation Site
State Recreation Site

Moon Lake State Recreation Site
State Recreation Site

Mosquito Cove State Recreation Site
State Recreation Site

Mosquito Lake State Recreation Site
State Recreation Site

Nancy Lake State Recreation Area
State Recreation Area

Nancy Lake State Recreation Site
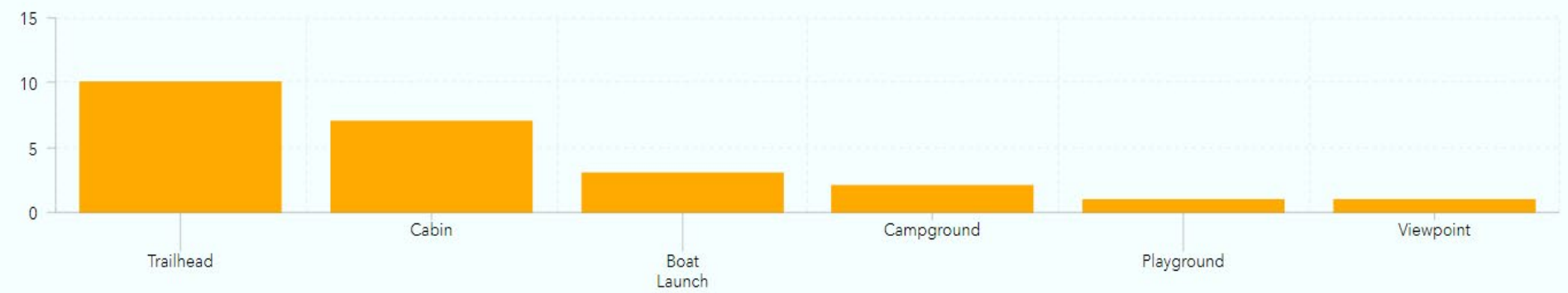State Recreation Site

Parks   Trails   Facilities
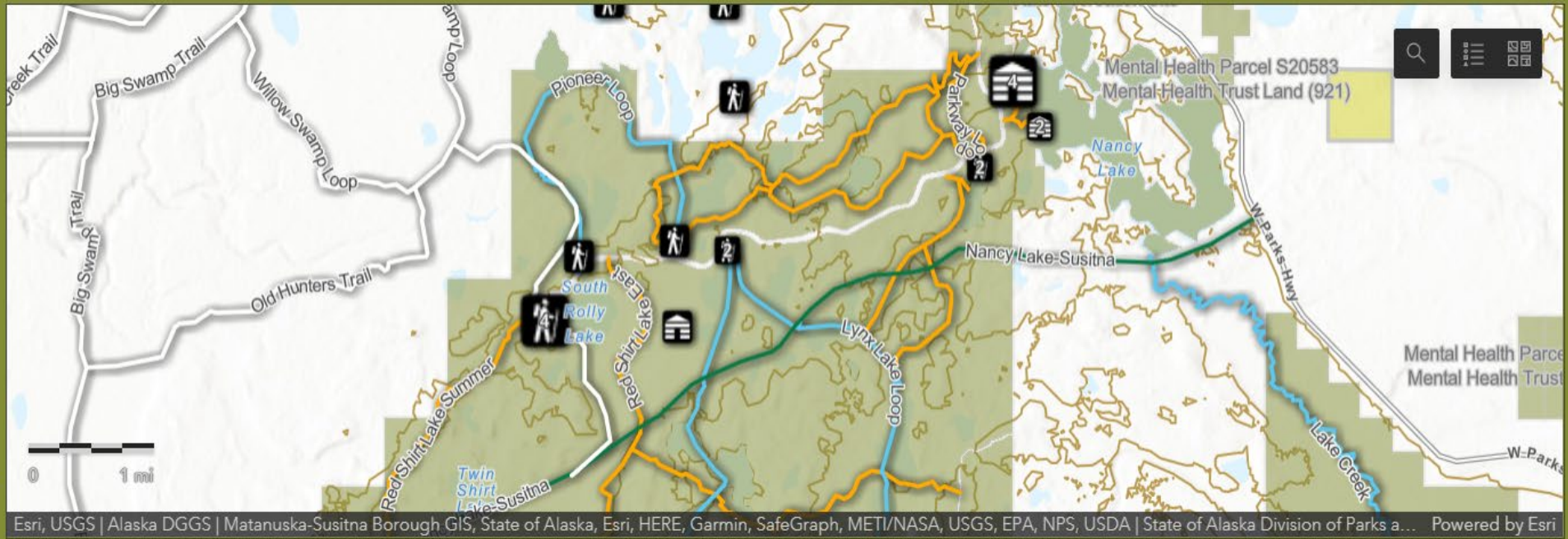
Esri, USGS | Alaska DGGS | Matanuska-Susitna Borough GIS, State of Alaska, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA | State of Alaska Division of Parks a... | Powered by Esri

Trail Type and Distance

Trail Miles chart: RS2477 Historic Transportation Routes (~21), Terra (~24), Water (~20), Winter (~30). Y-axis from 15 to 35.

Park Facilities

Bar chart: Trailhead (10), Cabin (7), Boat Launch (~3), Campground (~2), Playground (~1), Viewpoint (~1). Y-axis from 0 to 15.

Compiling Statewide Trails

Collected Open Data
- State, Federal and Large Borough Sources have open data available to use for compiling statewide trails

Borough and City Data Survey

- Contacted 16 different organizations for Trails data only six were comfortable with the data they have and were able to provide it within the timeframe of the project

- Most respondents mentioned they didn't have the time or resources to dedicate to trails, but many were working on it

After data was collected a single trails data model was developed and data were standardized to this data model for creating maps and analysis

Fill in data request form. Data is raw, not hosted online. Painful to share information. (City of Valdez)

GIS being done in Public Works department. Their dataset is more complete. The planning department has a basic trail layer. Both departments can be contacted via a public records request. (Sitka Borough)

Continually adding to trails layer that is a combination of municipal and forest service trails. They want to add facilities, ski tracks, sled hill, and facilities. When server is up again, they will send layer. Interested in SCORP. (Petersburgh Borough)

Data Migration Process

1) Gather Data

Most local Government Agencies have internal data. Acquiring these data can not currently be automated.

Internal GIS Repository

Most Federal and State Agencies publish their data online in an open data portal. Acquiring these data can be automated.

Open Data

2) Add to Layer Mapping Matrix and Supply Map

Layer Mapping Matrix helps to document and guide the consolidation of layers from outside sources into the appropriate SCORP Layer

Theme	Organization	Layer Name
Parks	Fairbanks North Star Borough	Fairbanks North Star Borough Parks and Rec Facilities
	Municipality of Anchorage	Anchorage Parks and Rec Land
	US Fish and Wildlife Service	U.S. Fish & Wildlife Service National Wilderness Boundary
	US National Park Service	National Park Boundary
	US Natonal Forest Service	National Forest Service Administrative Boundaries Tongass
	US Natonal Forest Service	National Forest Service Administrative Boundaries Chugach
	SOA Department of Parks and Recreation	Alaska State Park Boundary
	SOA Department of Natural Resources	Alaska Legislatively Designated Area
	Matanuska-Susitna Borough	Matanuska-Susitna Borough Recreational Local Parks
	SOA Department of Fish and Game Boundaries	
Boundary		
	US Bureau of Land Management	Bureau of Land Managment Alaska District Office Boundary
	US Bureau of Land Management	Bureau of Land Managmnet Alaska Field Office Boundary
	US Bureau of Land Management	Bureau of Land Managmnet Alaska USA/Canada Boundary
	US Bureau of Land Management	Bureau of Land Managmnet Alaska Administrative Boundaries
	SOA Dept. of Commerce, Community, & Economic Development	Alaska City Boundaries
	SOA Dept. of Commerce, Community, & Economic Development	Alaska Borough and Census Area Boundaries
	SOA Dept. of Commerce, Community, & Economic Development	Alaska Native Claims Settlement Act Native Corperations
	US Bureau of Ocean and Energy Management	Submerged Lands Act Boundary
Trails		
	Fairbanks North Star Borough	Fairbanks North Star Borough Park Trails
	Municipality of Anchorage	Anchorage Parks and Rec Merged
	Matanuska-Susitna Borough	Matanuska-Susitna Borough Seperated Paths
	Sitka Borough	Sitka Official Trails
	Kenai Peninsula Borough	Kenai Peninsula Borough Trails
	US National Park Service	National Park Trails
	US Natonal Forest Service	National Forest Service Trails
	SOA Department of Parks and Recreation	Alaska State Park Trail
	SOA Department of Natural Resources	Alaska RS2477 Historic Transportation Routes
	SOA Department of Natural Resources	Alaska Department of Natural Resources Easements Line
	SOA Department of Natural Resources	Alaska DOT Trails Inventory 1973
Facilities		

3) Review Data, Schema, Create Field Mapping Matrix and Models

Field Mapping Matrix helps to guide the migration of fields from the source data to the SCORP data model. Includes information for field size, data source, required query, layer name.

Layer:	FNSB Park Trails
Organization	FNSB
Source:	https://services.arcgis.com/f4rR7WnlfGBdVYFd/arcgis/rest/services/PARK_TRAILS_FNSB/FeatureServer
Query:	None

Crosswalk Data - Geoprocessing Models is used to automate the crosswalk of data from source to the destination geodatabase. The model contans a few sepcific elements 1) Query to Eliminate features that are not to be included in the SCORP. These features can be out of state, Redundant with the organization. 2) the addition of a source organization and link to the source data. 3) Any additional modifications that are required to fit the data into the SCORP Model.

Fairbanks North Star Borough GIS Model for Trails
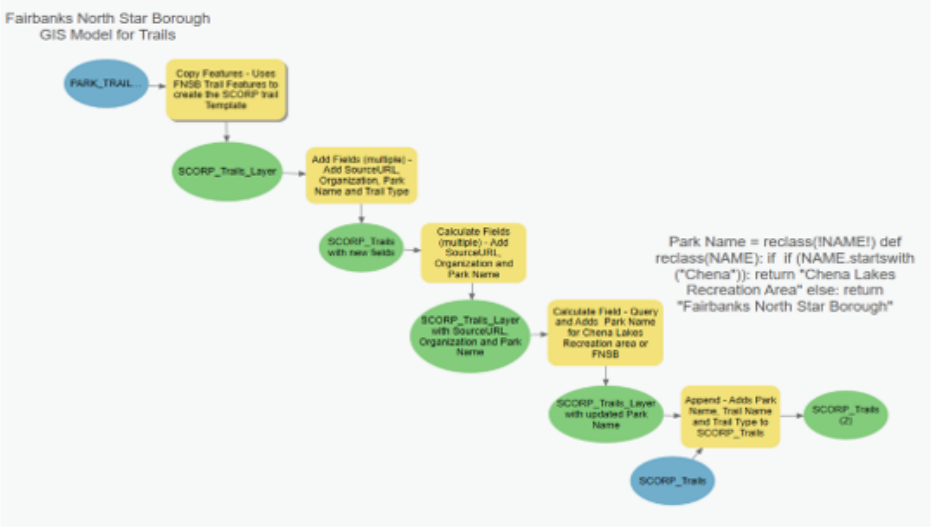
SCORP Data Model (Minimum Requirements)

Data models vary in size and complexity, but most have a set of minimum fields in common that serve to support basic functions of the data. The SCORP Model works with this minimum existing data fields in order to create the inventory recreational supply. Documenting these minimum requirements can help organizations with limited GIS capabilities to produce usable data by populating the template geodatabase developed for the SCORP.

Minimum Geodatabase Layers

- ParksandRecreation
  - SCORP_Facilities
  - SCORP_Parks
  - SCORP_Regions
  - SCORP_Roads
  - SCORP_Trails

SCORP_Parks - Caines Head State Recreation Area

ParkName	Caines Head State Recreation Area
ParkType	State Recreation Area
SourceURL	https://data-soa-dnr.opendata.arcgis.com/c
Organization	State of Alaska (DPOR)

SCORP_Trails - Caines Head State Recreation Area

Park_Name	Caines Head State Recreation Area
Trail_Type	Terra
Trail_Name	Caines Head
Length_Miles	7.370185
SourceURL	https://data-soa-dnr.opendata.arcgis.com
Organization	State of Alaska (DPOR)

SCORP_Facilities - Caines Head

OBJECTID	680
FacilityName	Derby Cove Cabin
Park_Name	Caines Head State Recreation Area
FacilityType	Cabin
SourceURL	https://arcgis.dnr.alaska.gov/arcgis/
Organization	State of Alaska (DPOR)

Anatomy of the SCORP Geoprocessing models

- Geoprocessing models were created to crosswalk data to SCORP data model.
- Provide documentation and repeatable results.
- Initial development of the Trails models took several weeks. Recreating the trails with a schema update took less than a day.
- Potential automation using feature services with under 1,000 records.

ALASKA 2023-2027 | Statewide Comprehensive Outdoor Recreation Plan

SCORP

Geoprocessing Models

Organization	Parks	Trails	Facilities
City and Borough of Juneau	X	X	
City of Valdez	X	X	X
Fairbanks North Star Borough		X	
Kenai Peninsula Borough		X	X
Mat-Su Borough	X		X
Municipality of Anchorage	X	X	X
Sitka Trail Works		X	X
State of Alaska (ADFG)			X
State of Alaska (DNR)	X	X	
State of Alaska (DPOR)	X	X	X
State of Alaska (MHT)	X		
US Bureau of Land Management	X		
US Fish and Wildlife Service	X	X	X
US Forest Service	X	X	X

P1) SCORP Parks Template
P1) SCORP Parks USFS
P2) SCORP Parks NPS
P3) SCORP Parks BLM
P4) SCORP Parks USFWS
P4a) SCORP Parks USFWS Template
P4b) SCORP Parks USFWS (Wilderness Areas)
P4c) SCORP Parks USFWS (Non-Wilderness Areas)
P4d) SCORP Parks USFWS (Inholdings)
P5) SCORP Parks DPOR
P6) SCORP Parks LDA
P7) SCORP Parks Mental Health
P8) SCORP Parks Special Use Land
P9) SCORP Parks University
P10) SCORP Parks MOA
P11) SCORP Parks MSB
P12) SCORP Parks CBJ
P13) SCORP Parks City of Valdez
P20) SCORP Parks Final
P21) SCORP Parks Dissolve

F1) SCORP Facilities Alaska State Parks Template
F2) SCORP Facilities National Forest Service
F3) SCORP Facilities National Park Service Points of Interest
F4) SCORP Facilities National Wildlife Refuge System Trail Features
F5) SCORP Facilities Alaska Department of Fish and Game Sport Fishing Access Trails
F6) SCORP Facilities Alaska Department of Fish and Game Sport Fishing Opportunities
F7) SCORP Facilities Alaska Department of Fish and Game Launch Ramps
F8) SCORP Facilities Alaska Department of Fish and Game Harbors
F9) SCORP Facilities Municipality of Anchorage Park Facilities
F10) SCORP Facilities Municipality of Anchorage Trail Posts
F11) SCORP Facilities Matanuska-Susitna Borough Recreational Facitilies
F12) SCORP Facilities Matanuska-Susitna Borough Recreational Waterbody Access
F13) SCORP Facilities Sitka Trail Works Cabins and Shelters
F14) SCORP Facilities Kenai Peninsula Borough Faciliites
F15) SCORP Facilities City of Valdez Playgrounds
F16) SCORP Facilities City of Valdez Restrooms

T1) SCORP Trails Alaska State Parks Template
T2) SCORP Trails National Park Service
T3) SCORP Trails National Forest Service
T4) SCORP Trails Fairbanks North Star Borough
T5) SCORP Trails Municipality of Anchorage
T6) SCORP Trails Sitka Trail Works
T7) SCORP Trails Kenai Peninsula Borough
T8) SCORP Trails National Wildlife Refuge Trails
T9) SCORP Trails Department of Natural Resources Waters
T10) SCORP Trails RS2477 Historic Transportation
T11) SCORP Trails City of Juneau Trails
T12) SCORP Trails City of Valdez Trails
T13) SCORP Snowtrack trails

State of the State of Trail Data

Data Quality

Data quality varied greatly, and most of the data was not accurate enough to match to cell phone data for results.
Mixed quality data made distinguishing good data from inaccurate data difficult within a dataset.

Data Completeness

Often data is missing. In some cases, it has yet to be imported from the field because a link in the workflow from field to map has not been established.

Data Model Differences

Data models vary greatly but generally have the same purpose standardizing data models will enable better data.

Redundant Data

Many local GIS departments are compiling their own trails but don't have the resources to keep it up to data or make them available.

Created Two Trails Datasets

One for SCORP analysis and maps where an effort was made to remove redundant trails.

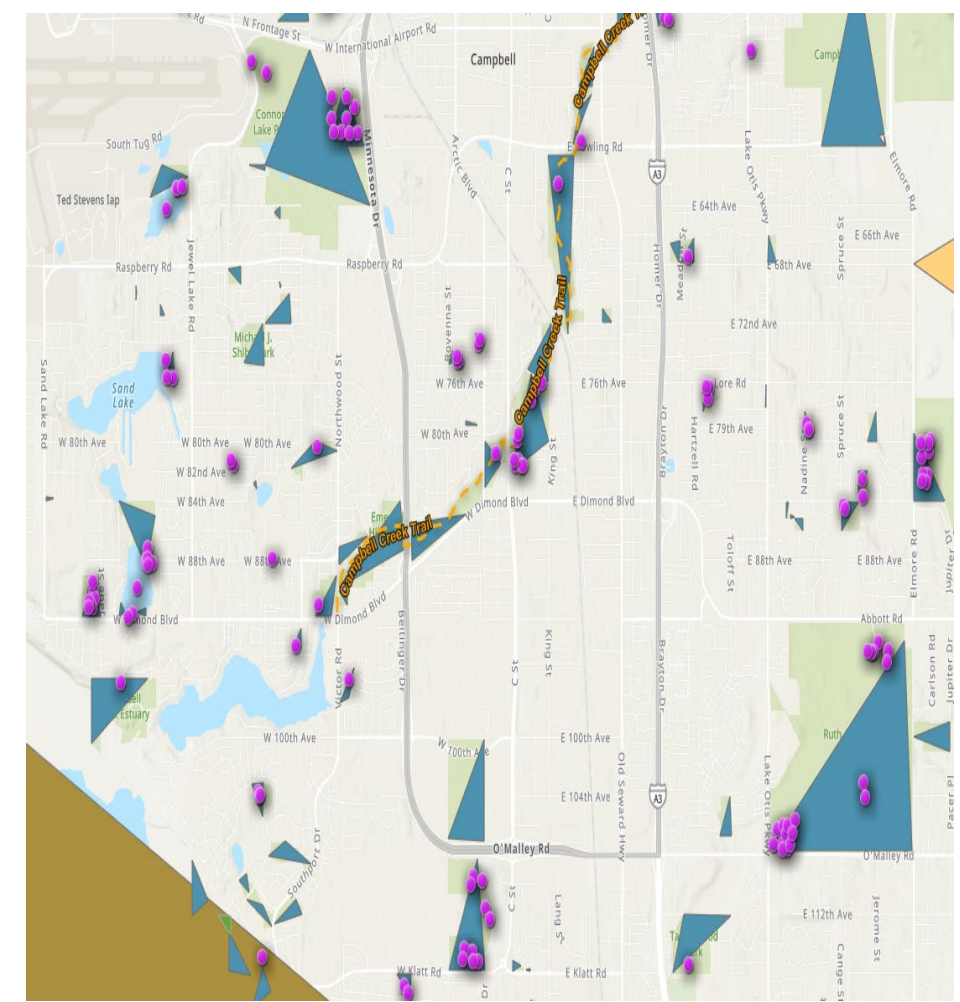One full dataset with redundant data for review and collaboration.

Trails

	State Parks Trails	FNSB Trails	MOA Trails	KPB Trails	NPS Trails	NFS Trails	ANWR Trails	ADNR RS2477 Trails	ADNR Navigable Water	STW Trails	CBJ Trails	COV Trails
Minimum SCORP Fields	Park_Name		Trail_System	TRAIL SYSTEM	UNITNAME	SECURITY_ID	station		NAME	Managing Organization		
	Trail_Name	NAME	Trail_Name	TRAIL NAME	TRLNAME	TRAIL_NAME	name	RSTNAME	GNIS_NAME	Trail Name	Name	Name
	Trail_Type	TYPE			TRLTYPE	TRAIL_TYPE	surface		SYMBOL_CAT			
Additional Fields	Bikes_Allowed	STATUS	Data_Source	MILES	TRLALTNAME	TRAIL_NO	FID	OBJECTID	OBJECTID	OBJECTID	FID	FID
	Motorized_Allowed	NOTES		USE	MAPLABEL	TRAIL_CN	OBJECTID	GNIS_ID	FIRST_FCOD	Trail Alternative Name	Shape	Shape
	Length Miles			LINK	TRLSTATUS	BMP	STATUS	STATUS	STATE_NAV_	Map Label	Surface	OBJECT_ID
				METERS	TRLSURFACE	EMP	manage_use	RSTNO	BLM_NAV_ST	Trail Number	Trail_Visi	OBJECT_ID1
					TRLCLASS	SEGMENT_LENGTH	alt_type	YEAR_	WITHDRAWL	Trail Surface	Assisted_T	type
					TRLUSE	ADMIN_ORG	t_class	QUALIFY	LENGTHMILE	Trail Class	ADA_Access	USE_
					PUBLICDISPLAY	MANAGING_ORG	surf_firm	SHAPE.LEN	HUC	Prohibited Use	Ford	Notes
					DATAACCESS	ATTRIBUTESUBSET	width	GLOBALID	LABEL	Type of Route	Sac_Scale	D
					ACCESSNOTES	NATIONAL_TRAIL_DESIGNATION	sec_length	Shape	NAVSUSCEPT	Primary Trail Maintainer	Shelter	USE2
					ORIGINATOR	TRAIL_CLASS	area		REMARKS	Designed Use	Owner	Shape_STLe
					UNITCODE	TERRA_BASE_SYMBOLOGY	avg_grade		SHAPE_LENG	Managed Use	Length_mil	
					UNITTYPE	ACCESSIBILITY_STATUS	avg_slope		DETERM_DAT	Administrative Organization	Length_fee	
					GROUPCODE	TRAIL_SURFACE	acc_info		RDI_STATUS	ISLAND	Parking	
					GROUPNAME	SURFACE_FIRMNESS	infor_type		Date Verified	Shared System	Date_Last_	
					REGIONCODE	TYPICAL_TRAIL_GRADE	tr_desig		Date of Data Entry	Road System	Gain_ft	
					CREATEDDATE	TYPICAL_TREAD_WIDTH	state		ENTRY_NAME	State	Incline_pe	
					EDITDATE	MINIMUM_TRAIL_WIDTH	county		VERIF_NAME	Edit Date	Comments	
					LINETYPE	TYPICAL_TREAD_CROSS_SLOPE	region		ENTRY_COMMENTS	Agency Data Source	Data_Sourc	
					MAPMETHOD	SPECIAL_MGMT_AREA	elem_id		AS38 Nav Criteria	YYYYMMDD Imported	CBJ_ID	
					MAPSOURCE	MVUM_SYMBOL	org_code		Navigable based on International Treaty	Notes	Lucity_ID	
					EDITDATE	ALLOWED_TERRA_USE	trail_no		QUIETTITLE	Geometry ID	Max_PDOP	
					XYACCURACY	ALLOWED_SNOW_USE	sec_no		Shape	Shape__Length	Max_HDOP	
					GEOMETRYID	HIKER_PEDESTRIAN_MANAGED	samms_no			Trail Type	Corr_Type	
					FEATUREID	HIKER_PEDESTRIAN_ACCPT_DISC	alt_samms			National Trail Designation	Rcvr_Type	
					FACLOCID	HIKER_PEDESTRIAN_RESTRICTED	address			XY Accuracy	GPS_Date	
					FACCASSETID	PACK_SADDLE_MANAGED	phone			GlobalID	GPS_Time	
					IMLOCID	PACK_SADDLE_ACCPT_DISC	district			Shape	Update_Sta	
					OBSERVABLE	PACK_SADDLE_RESTRICTED	trail_desc				Feat_Name	
					ISEXTANT	BICYCLE_MANAGED	begin_mp				Datafile	
					OPENTOPUBLIC	BICYCLE_ACCPT_DISC	end_mp				Unfilt_Pos	
					ALTLANGNAME	BICYCLE_RESTRICTED	from_				Filt_Pos	
					ALTLANG	MOTORCYCLE_MANAGED	to_				Data_Dicti	
					SEASONAL	MOTORCYCLE_ACCPT_DISC	cycle_id				GPS_Week	
					SEASDESC	MOTORCYCLE_RESTRICTED	gps_date				GPS_Second	
					MAINTAINER	ATV_MANAGED	datafile				GNSS_Lengt	
					NOTES	ATV_ACCPT_DISC	fci_tr				GNSS_3DLen	
					StagingTable	ATV_RESTRICTED	cond_tr				Avg_Vert_P	
					Shape.STLength()	FOURWD_MANAGED	crv_tr				Avg_Horz_P	
					Measure	FOURWD_ACCPT_DISC	dm_tr				Worst_Vert	
					Mimimum Measure	FOURWD_RESTRICTED	Shape_Leng				Worst_Horz	
					Maximum Measure	SNOWMOBILE_MANAGED	GlobalID				Line_ID	
					Measure Values	SNOWMOBILE_ACCPT_DISC	Shape_Length					
							Shape					

Trail Data Model Comparison
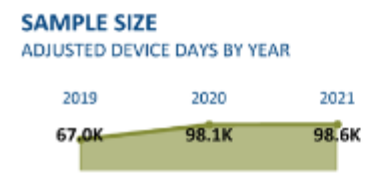
ALASKA 2023-2027 SCORP | Statewide Comprehensive Outdoor Recreation Plan

Chugach State Park
STATE OF ALASKA (DPOR) | STATE PARK

USE
RELATIVE TO STATEWIDE
LOCATIONS OF INTEREST

| Low Use | Moderately Low Use | Moderate Use | Moderately High Use | High Use |

*Use is defined by cluster analysis

SAMPLE SIZE
ADJUSTED DEVICE DAYS BY YEAR

| 2019 | 2020 | 2021 |
| 67.0K | 98.1K | 98.6K |

TOP 5 LOCATIONS OF INTEREST
1. Glenn Alps Parking
2. Eagle River Campground
3. Turnagain Arm Trail
4. McHugh Trailhead
5. Glenn Alps Anchorage Overlook
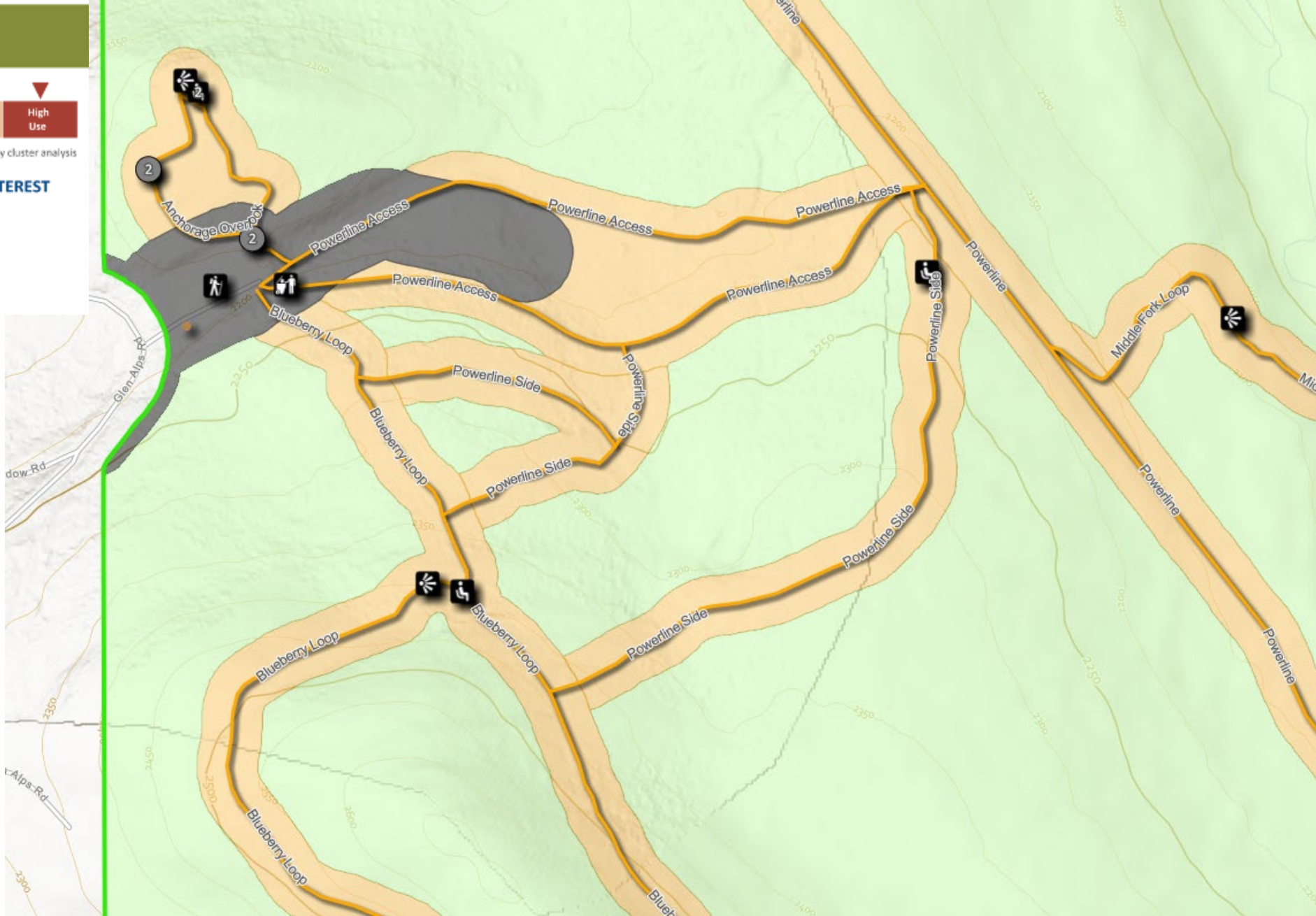
Buffered Roads, Trails, to generate polygon's locations of interest.

Glenn Alps area and Anchorage Overlook trail seeing high use.

Demand for this area can help to support management decision and allocation of funding.
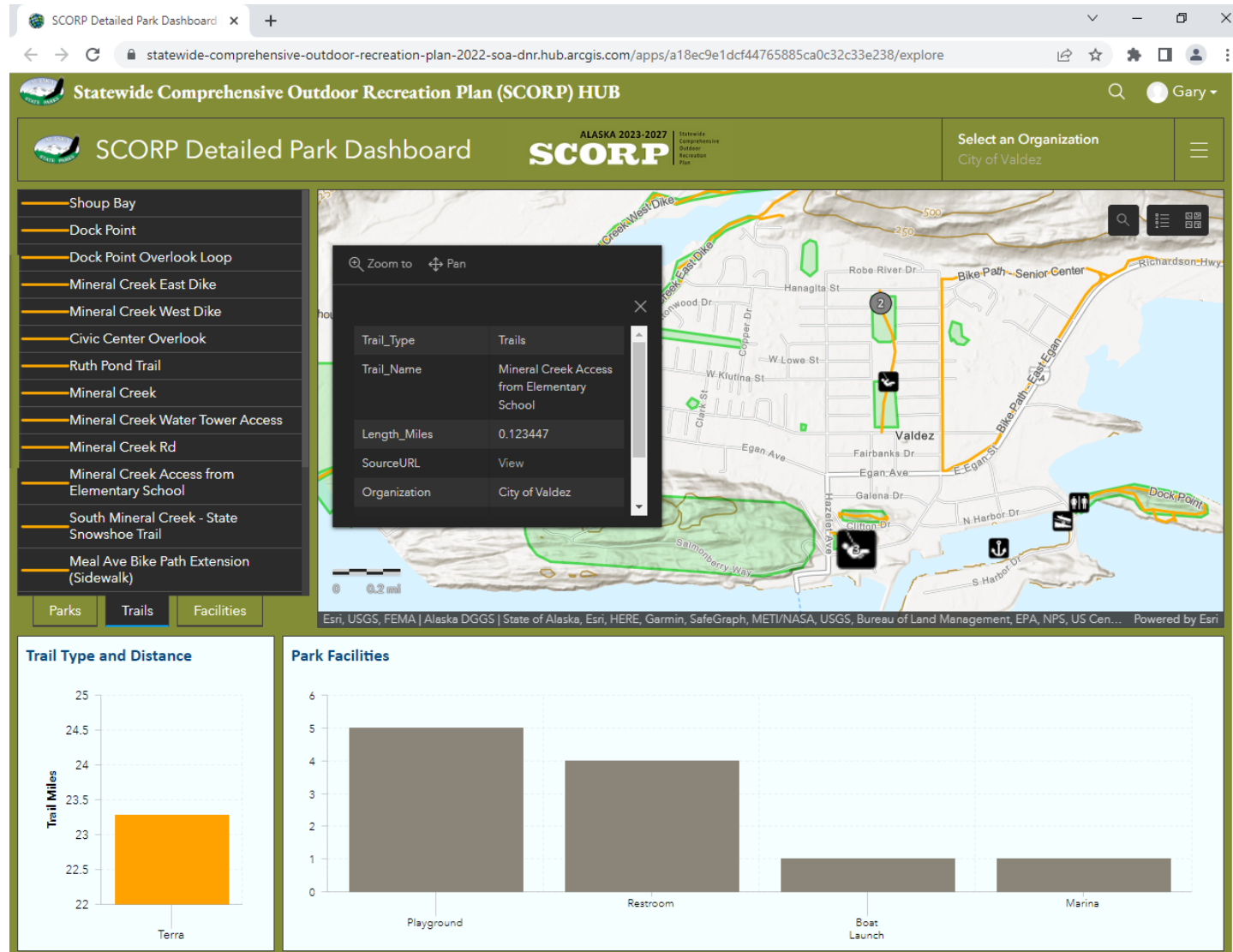
Online Trail Maps and Dashboards – Detailed Park Dashboard

The **Detailed Park Dashboard** allows a user to select and organization and zoom to an area to get a list of parks, trails and facilities in that Area.

Clicking on a park, trail or facility will allow users to gain access to the source data and selected information.

Clicking on a park will allow the user to link to the organization managing the park.

This dashboard gives access to organizational maps and data with just a few clicks.

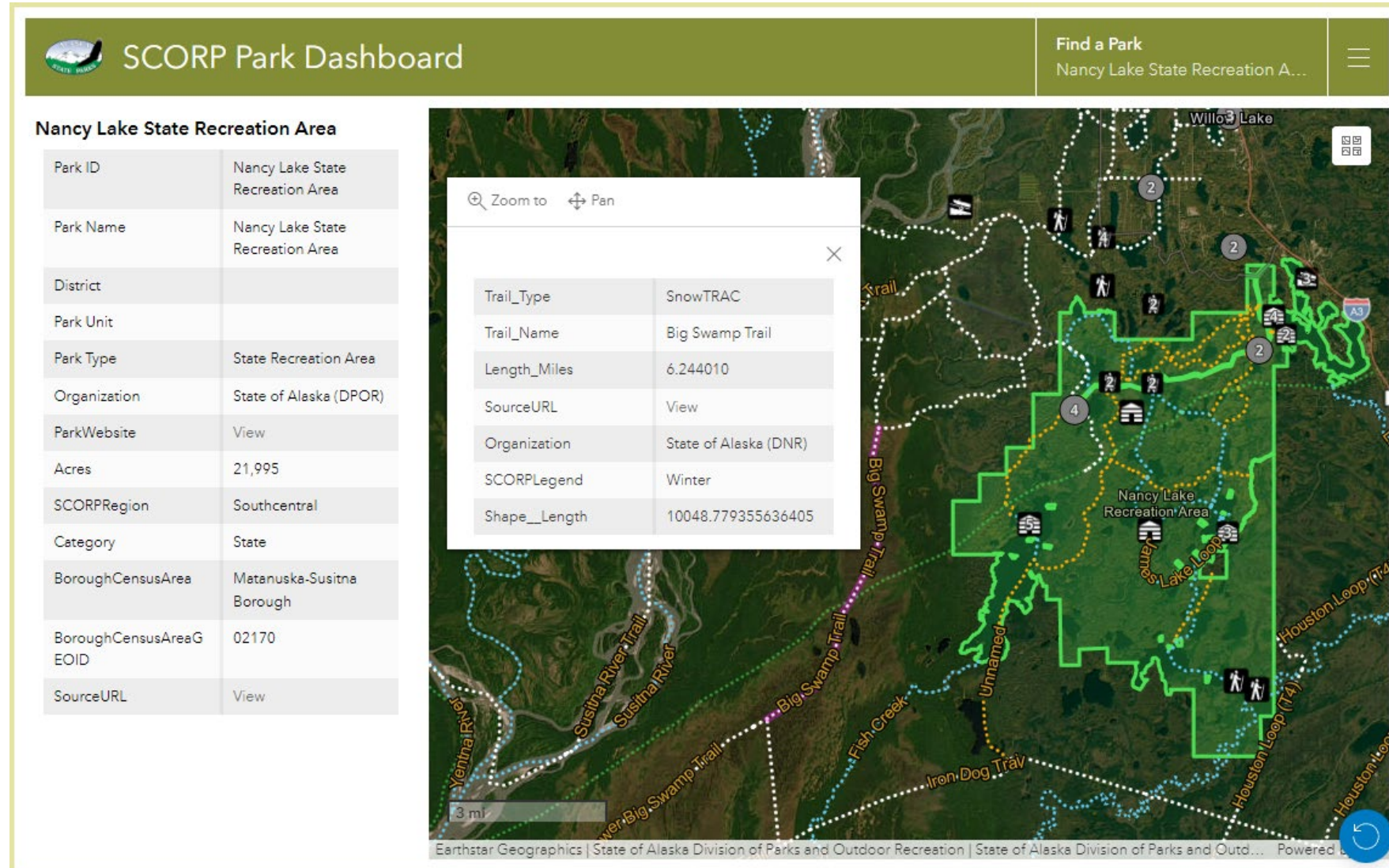# Online Trail Maps and Dashboards – Park Dashboard

The **Park Dashboard** allows a user to select one of the thousands of park areas compiled to see the trails and associated facilities.

Data for the park appears on the left.

Clicking on the trail will get access to the link and trail information compiled during the SCORP.

Match the information on this map to the mobility data to see the features. Seeing high usage.

This map helps to access park, trail and facility information in just a few clicks.

ALASKA 2023-2027 | Statewide Comprehensive Outdoor Recreation Plan

SCORP

Mobility Dashboard

Corresponding mobility dashboard allows park managers to see a heat map of usage for the park.

Using the combination of:
Mobility (Demand) and
Park (Supply) Dashboards
It's clear to see the high usage of the
Red Shirt Lake Trail Loop in Nancy Lake
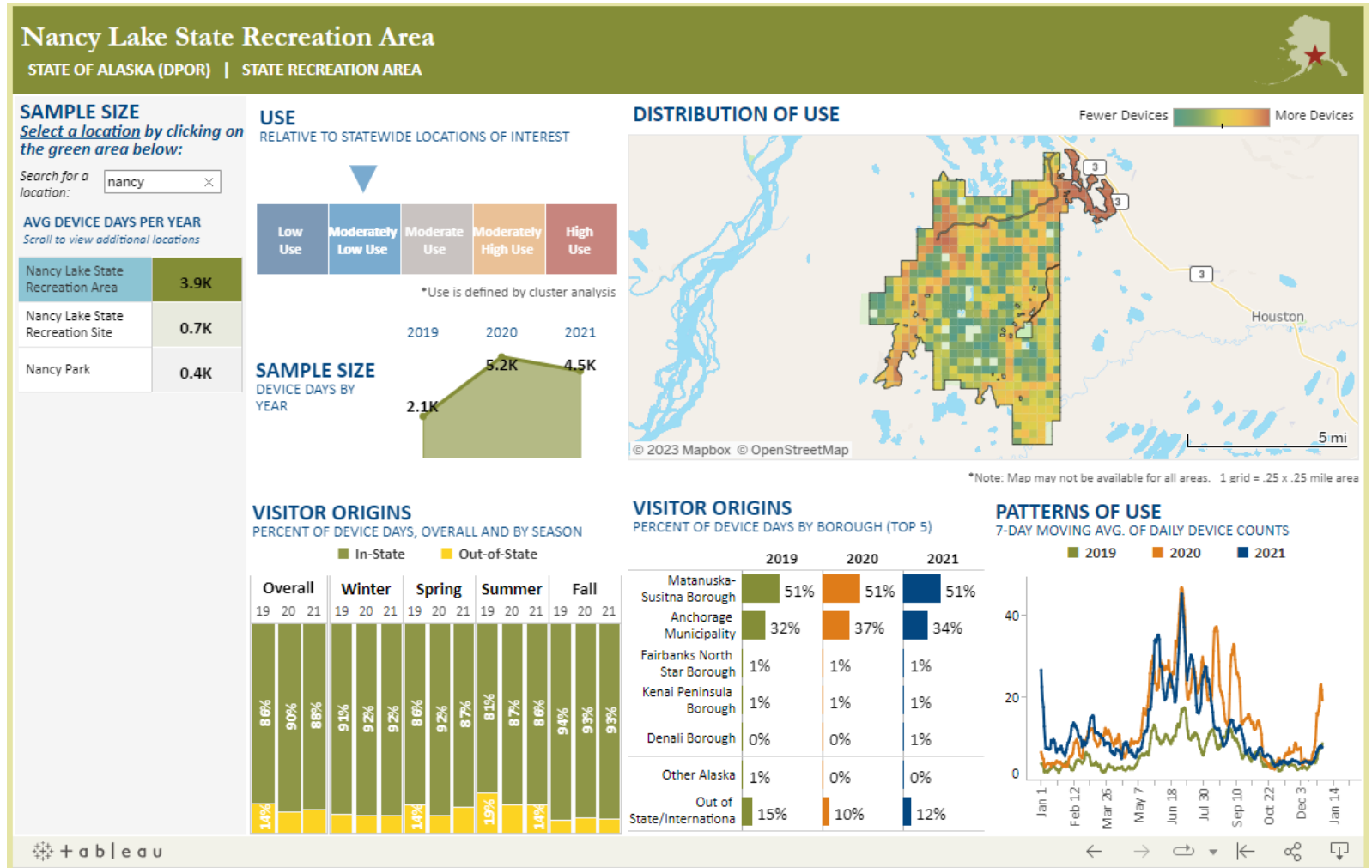
Analyzing Selected Trail Systems - DRAFT

Several Trail Systems with were analyzed using Mobility Data

- Caribou Hills Snowtrack trails
- Petersville Snowmobile Area
- Denali State Park
- Chugach State Park

Trail Use

In the context of the overall use, park trails are often overshadowed by campgrounds and parking lots.

Printed maps were limited to the number of pages in the SCORP and isolation of top 5 often does not include relatively low use trails when compared to Roads, Parking Lots and Campgrounds.

Dashboards and GIS maps created during the SCORP can be used in numerous ways to make a deeper dive and analyze just trails data Enabling an apples-to-apples comparison.

These dashboards can be added to the HUB for individuals to focus on and interpret their area of interest.

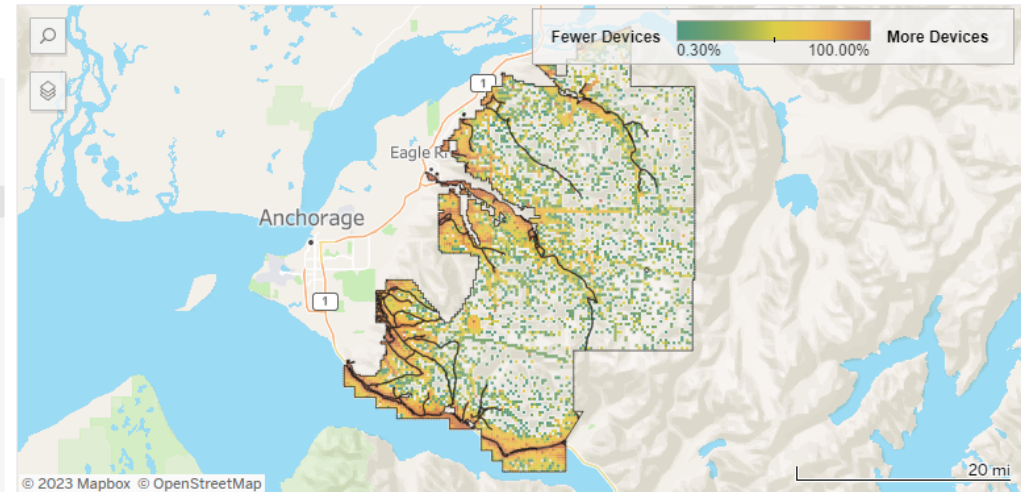
Alaska SCORP - Selected Areas
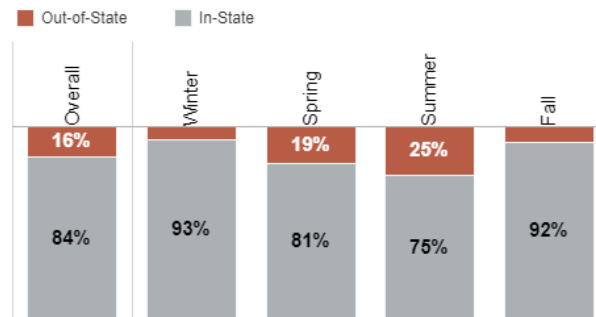Selected Location: **Chugach State Park: Park Land**

Total Visitor Days by Year
Click to view sub areas. Select both a primary area and a sub-area to display data.

	2019	2020	2021
Rendezvous Peak Trail	0.2K	0.6K	0.4K
Potter Creek Trailhead 1	0.1K	0.4K	0.6K
Dew Mound Trail	0.8K	0.2K	0.1K
Turnagain Arm Interperative Trail	0.1K	0.4K	0.4K
South Fork Eagle River Trailhead	0.2K	0.5K	0.3K
Eklutna Lakeside Trail	0.2K	0.6K	0.1K
Albert Loop Trail	0.2K	0.3K	0.4K
Lost Cabin Valley Trail	0.1K	0.4K	0.3K
South Fork Rim Trail	0.1K	0.4K	0.3K
Near Point Trail	0.3K	0.4K	0.2K
Rendezvous Ridge Trail	0.1K	0.4K	0.3K

Chugach State Park: Park Land

Fewer Devices 0.30% 100.00% More Devices

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In vs. Out-of-state Visitation by Season

■ Out-of-State ■ In-State

	Overall	Winter	Spring	Summer	Fall
Out-of-State	16%		19%	25%	
In-State	84%	93%	81%	75%	92%

Visitation by Borough

	2019	2020	2021
Anchorage Municipality	72%	71%	66%
Matanuska-Susitna Borough	8%	8%	6%
Kenai Peninsula Borough	4%	4%	3%
Fairbanks North Star Borough	1%	1%	1%
Valdez-Cordova Census Area	0%	0%	0%
Juneau City and Borough	0%	0%	0%
Denali Borough	0%	0%	0%
Kodiak Island Borough	0%	0%	0%
Southeast Fairbanks Census Area	0%	0%	0%
Bethel Census Area	0%	0%	0%
Other Alaska	0%	0%	0%
Out of State/International	14%	16%	22%

Sample Size by Month/Year

2021
2020
2019
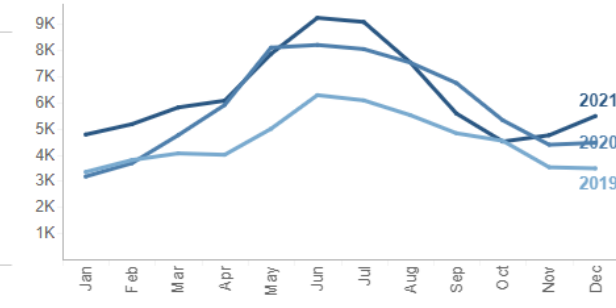
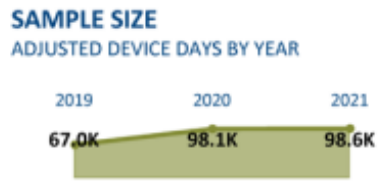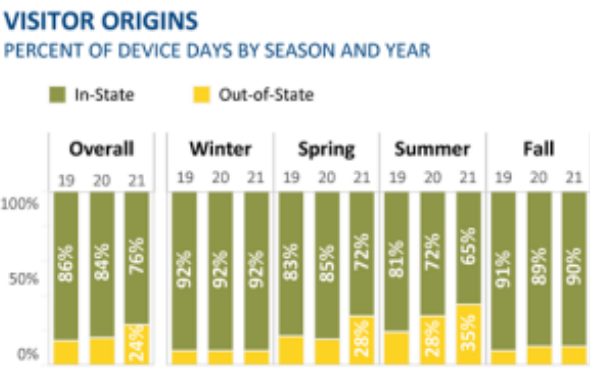+ableau

Heat map showing usage and zoom in on imagery map to shows the Glen Alps area parking lot and overlook trail and facilities being used.

Chugach State Park
STATE OF ALASKA (DPOR) | STATE PARK

USE
RELATIVE TO STATEWIDE LOCATIONS OF INTEREST

Low Use	Moderately Low Use	Moderate Use	Moderately High Use	High Use

*Use is defined by cluster analysis

DISTRIBUTION OF USE

Fewer Devices — More Devices

© 2022 Mapbox © OpenStreetMap

1 grid = .25 x .25 mile area

SAMPLE SIZE
ADJUSTED DEVICE DAYS BY YEAR

2019	2020	2021
67.0K	98.1K	98.6K

### TOP 5 LOCATIONS OF INTEREST

1 Glenn Alps Parking
2 Eagle River Campground
3 Turnagain Arm Trail
4 McHugh Trailhead
5 Glenn Alps Anchorage Overlook

VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY SEASON AND YEAR

■ In-State ■ Out-of-State

	Overall			Winter			Spring			Summer			Fall		
	19	20	21	19	20	21	19	20	21	19	20	21	19	20	21
In-State	86%	84%	76%	92%	92%	92%	83%	85%	72%	81%	72%	65%	91%	89%	90%
Out-of-State			24%						28%		28%	35%			

VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY BOROUGH (TOP 5) AND YEAR

	2019	2020	2021
Anchorage Municipality	71%	70%	64%
Matanuska-Susitna Borough	7%	7%	6%
Kenai Peninsula Borough	4%	4%	3%
Fairbanks North Star Borough	1%	1%	1%
Valdez-Cordova Census Area	0%	0%	0%
Other Alaska	1%	1%	1%
Out of State/International	16%	18%	25%

PATTERNS OF USE
7-DAY MOVING AVERAGE OF DAILY DEVICE COUNTS

2019
2021
2020
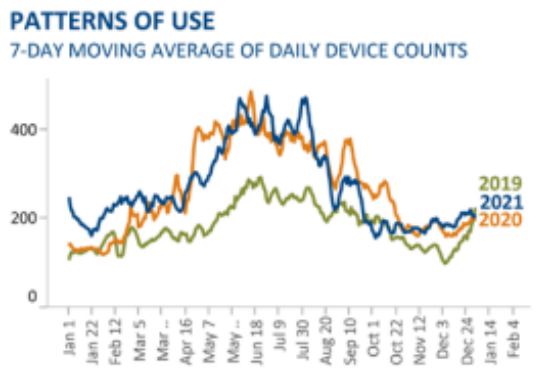
Character of the Destination/Role in Outdoor Recreation
- Chugach State Park, one of four largest state parks in the U.S., provides road accessible access to alpine wilderness on the eastern boundary of Alaska's largest city. The lower elevation mountains and valleys of park's front-country are heavily used year-round, primarily for short hikes, skiing, and as popular viewpoints. Summer and winter biking are rapidly growing new uses. The park's eastern backcountry is much more rugged, with higher peaks, snow fields and glaciers. As the Distribution of Use map shows, use is much lighter in this wild, spectacular terrain.
- Secondary uses in the park include hunting, snow machines, ATVs, and an increase in guided hikes.
- Established and less formal trailhead parking areas provide access to the park – almost all of which are much too small for current use and the growing demand.

Trends and Issues
- Chugach State Park is Alaska's most visited public recreation destination. Recreational use, as measured by device days, spiked significantly between 2019 and 2021. This included a jump in out-of-state visitor use, from 24 percent in 2019 to 35 percent in 2021. This growth occurred despite very limited cruise traffic to Alaska in 2020 and 2021 and despite the park not being marketed as a major visitor attraction.
- Continued growth in outdoor recreation and tourism brings significant benefits for residents and local businesses, but also challenges that include providing sufficient trailhead parking and maintaining existing or providing new trails.

Denali State Park

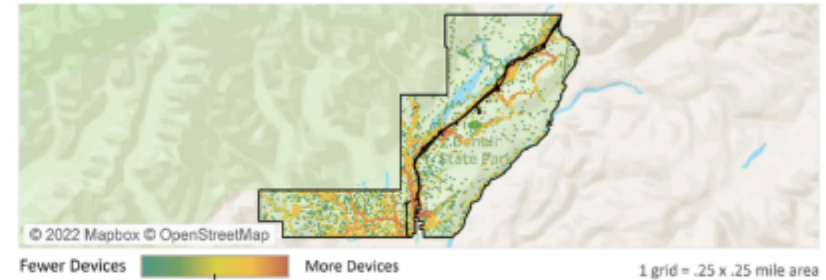STATE OF ALASKA (DPOR) | STATE PARK

USE
RELATIVE TO STATEWIDE LOCATIONS OF INTEREST

Low Use	Moderately Low Use	Moderate Use	Moderately High Use	High Use

*Use is defined by cluster analysis

SAMPLE SIZE
ADJUSTED DEVICE DAYS BY YEAR

2019	2020	2021
8.3K	6.7K	7.4K

TOP 5 LOCATIONS OF INTEREST

1. Denali State Park (Denali Viewpoint South)
2. Denali State Park (K'esugi Campground)
3. Denali State Park (Veterans Memorial)
4. Denali State Park (Byers Lake Campground)
5. Denali State Park (Upper Troublesome Creek Trail Parking)
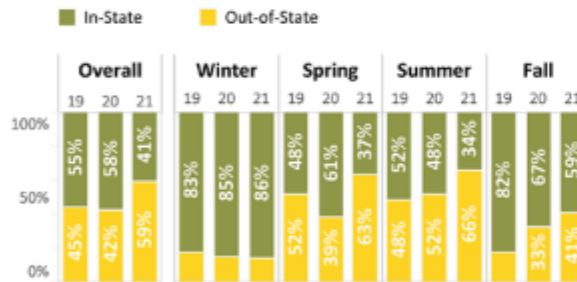
DISTRIBUTION OF USE

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Fewer Devices ▬▬▬ More Devices   1 grid = .25 x .25 mile area

VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY SEASON AND YEAR

- In-State
- Out-of-State

	Overall			Winter			Spring			Summer			Fall		
	19	20	21	19	20	21	19	20	21	19	20	21	19	20	21
In-State	55%	58%	41%	83%	85%	86%	48%	61%	37%	52%	48%	34%	82%	67%	59%
Out-of-State	45%	42%	59%				52%	39%	63%	48%	52%	66%	33%		41%

VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY BOROUGH (TOP 5) AND YEAR

	2019	2020	2021
Matanuska-Susitna Borough	21%	21%	15%
Anchorage Municipality	16%	19%	12%
Fairbanks North Star Borough	8%	10%	9%
Denali Borough	6%	2%	2%
Kenai Peninsula Borough	3%	4%	2%
Other Alaska	2%	1%	1%
Out of State/International	45%	42%	60%

PATTERNS OF USE
7-DAY MOVING AVERAGE OF DAILY DEVICE COUNTS

2021
2019
2020
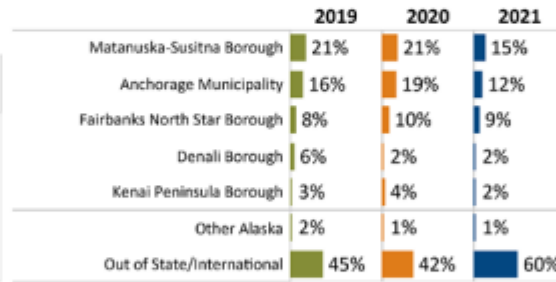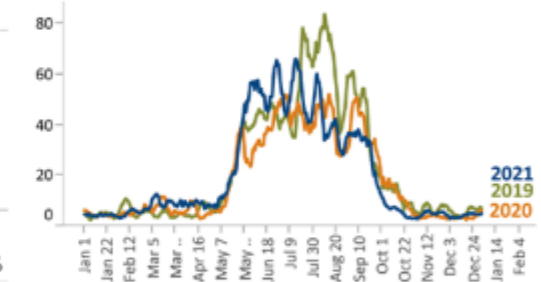
Character of the Destination/Role in Outdoor Recreation

- Denali State Park is on the Parks Highway in the northern Mat-Su Borough and shares a boundary with the more famous National Park.
- The park is renowned for its excellent trails and world class views of Denali and the Alaska Range. As the map shows, use is concentrated in two scenic highway turnouts and along the trails up both Curry and K'esugi ridges. West of the Chulitna River, most use is by snow machiners coming up from the south.

Trends and Issues

- Denali State Park is used for short stops, day adventures, and overnight camping by Alaska residents and by independent and cruise travelers. High use in summer 2019 reflects use by motorcoaches (taking restroom breaks at the Veterans Memorial and the two viewpoints). High level use from out-of-state visitors grew in 2020 and 2021 (from 48 percent to 65 percent) despite the drop in cruise traffic.
- While the large majority of device days happen in the summer, use by out-of-state independent travelers grew in fall and spring.
- Intense popularity of the recently-built K'esugi Ken campground, public-use cabins, and trails shows how high-quality new facilities in good locations quickly generate large amounts of use. Given the connection to Denali National Park, this state park presents opportunities for growth and improving or creating additional outdoor recreation infrastructure (such as connecting campgrounds to electricity).

Analysis of Selected Trails Using Cell Phone Data – Denali State Park

Petersville Snow Machine Use Area
MAT-SU BOROUGH | OFF TRAIL AREA

USE
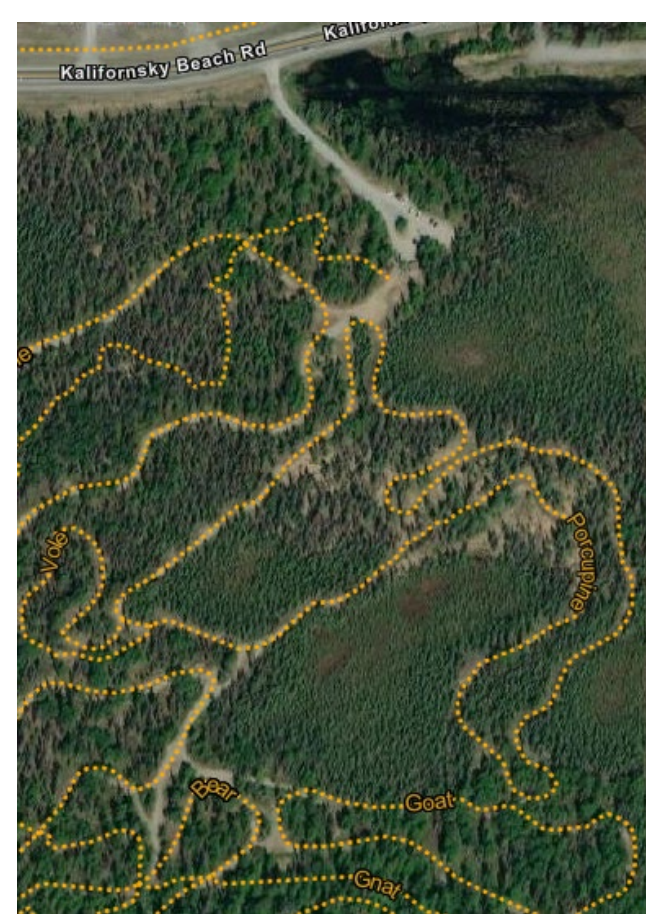RELATIVE TO STATEWIDE LOCATIONS OF INTEREST

Low Use	Moderately Low Use	Moderate Use	Moderately High Use	High Use

*Use is defined by cluster analysis

DISTRIBUTION OF USE: Off Trail Area

© 2022 Mapbox © OpenStreetMap

Fewer Devices — More Devices   1 grid = .25 x .25 mile area

SAMPLE SIZE
ADJUSTED DEVICE DAYS BY YEAR

2019	2020	2021
14.6K	17.0K	18.3K

TOP 5 LOCATIONS OF INTEREST
1. Off Trail Area
2. Public Road
3. Oilwell Road
4. Chulitna Bluff Trail (SnowTRAC)
5. MP 121.5 Parking Area

VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY SEASON AND YEAR

In-State   Out-of-State

	Overall			Winter			Spring			Summer			Fall		
	19	20	21	19	20	21	19	20	21	19	20	21	19	20	21
In-State	82%	87%	75%	93%	94%	91%	78%	83%	67%	74%	76%	64%	90%	91%	92%
Out-of-State			25%				22%		33%	26%	24%	36%			

VISITOR ORIGINS
PERCENT OF DEVICE DAYS BY BOROUGH (TOP 5) AND YEAR

	2019	2020	2021
Matanuska-Susitna Borough	60%	60%	52%
Anchorage Municipality	16%	19%	13%
Fairbanks North Star Borough	3%	4%	6%
Kenai Peninsula Borough	1%	2%	2%
Denali Borough	1%	1%	1%
Other Alaska	1%	1%	1%
Out of State/International	18%	13%	25%

PATTERNS OF USE
7-DAY MOVING AVERAGE OF DAILY DEVICE COUNTS

2019   2021

Character of the Destination/Role in Outdoor Recreation
- This area is located just west of the Parks Highway in the northern Mat-Su Borough and just south of Denali State and National Parks.
- State land sales over the last 50 years pepper this block of State-owned land (including the early "open to entry" and subsequent "remote parcel" and "subdivision" land sales programs). Thus, cabins have been built on many of these parcels. Much of the terrain is wetlands so most access is in the winter by snow machine (although some use occurs by ATV, ski, or on foot).
- The map shows the well-marked snow machine trails maintained by the Petersville Community non-profit group, in part with funding from the state SnowTRAC program. The combination of these trails, good snow, areas of wide-open terrain, and access into the Alaska Range foothills with grand views of Denali, has made this one of Alaska's more popular snow machine areas.

Trends and Issues
- Most use is by Alaska residents, primarily from within the Mat-Su Borough. The results of the mobility data show an interesting increase in out-of-state users during in spring and summer which suggests more travelers are finding ways to enjoy this area.
- Growing use is stretching the capacity of existing parking areas and the capacity of local, non-profit groups. Work is needed to increase the resources available to manage this steadily growing use (e.g., storage space for grooming equipment, search and rescue capabilities, etc.).

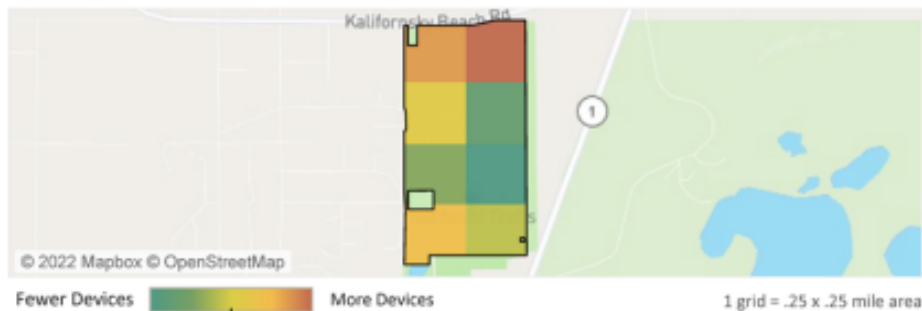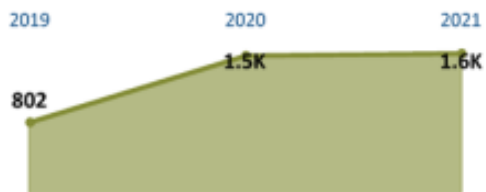Analysis of Selected Trails Using Cell Phone Data

Tsalteshi trail system showing parking lot as high use and area near the school.

Build the HUB

- **Trail Maintenance Projects -** Set up volunteer trail maintenance projects

- **Real time status reports** - crowd source, real-time trail status map

    -Last groomed date

    -Current condition report

    -Hazard reporting

- **Data Collection Projects** – utilize GPS specialists to learn best

    practices and technologies in trails, boundary and facility mapping

- **Adopt A Park** – generate support and funding for parks

- **GIS Training** – conduct training sessions on best practices with data collection, editing, authorizations

https://exploreoakville.maps.arcgis.com/apps/webappviewer/index.html?id=1d2e4c6205b14358b1c35562053c7487
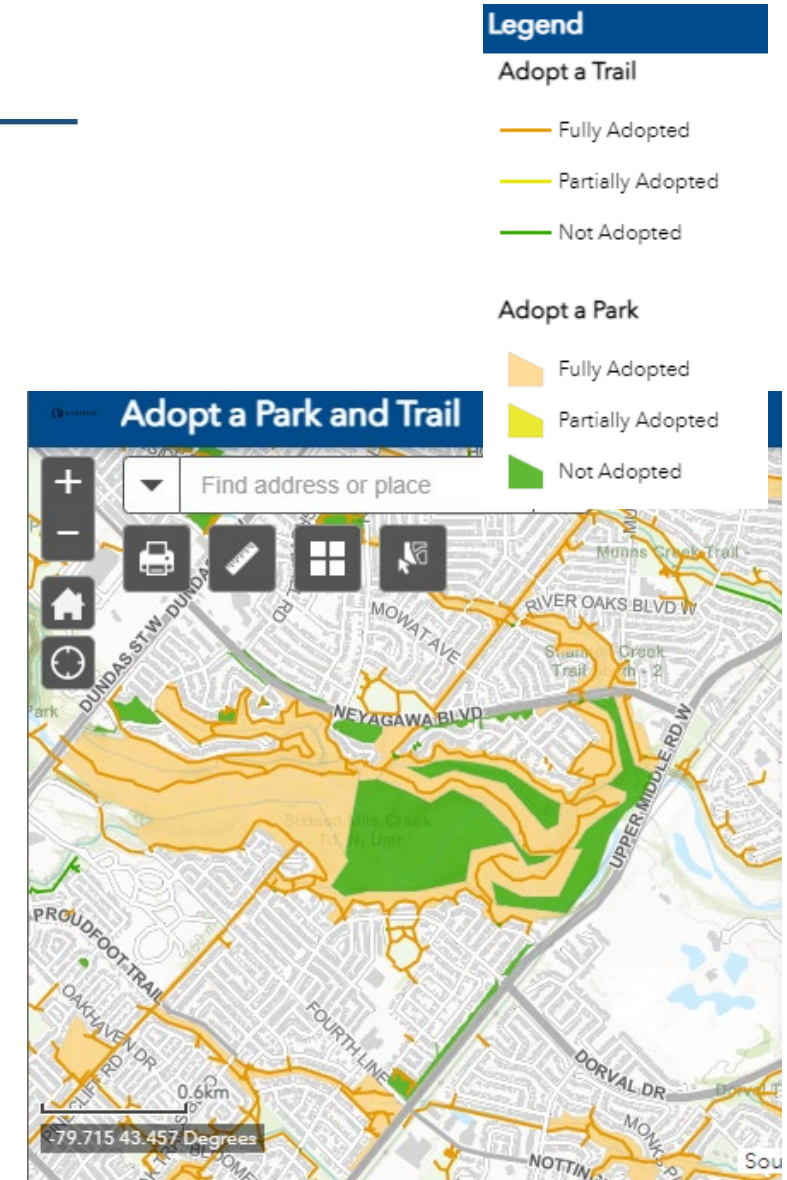
SCORP GIS Supply moving forward

- **Build the hub user base of contributors -** The next SCORP GIS supply data will be more accurate, complete, representative of all stakeholders, easier to compile and analyze.
- **Remove mapping barriers** in the grant application processes to level the playing field for communities that have historically been unable to receive funding.
- **Encourage collaboration and standards** to reduce redundant efforts statewide, save money and create better data.
- Focus effort to **develop specialized GIS positions and dedicated resources** via Office of Outdoor Recreation.
- HUB to go live in the new year.

We all have limited resources. Leverage collaboration to build a sustainable and efficient solution to support outdoor recreation, economic development, health and wellness, stewardship and conservation, and the improvement of the GIS information available for investment and policy decisions!

Thank You!

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For more information visit:

Alaska State Parks:

dnr.alaska.gov/parks/scorp

ALASKA 2023-2027

SCORP | Statewide Comprehensive Outdoor Recreation Plan