Appendix A

Regional Study Area Profiles

This project was previously called the Regional and Rural Edition (RRE) to emphasize its focus on regional and rural recreation needs and priorities. This project name was used during the data collection, and community engagement and outreach phases which occurred primarily in 2021. As this report was being completed in 2022, DPR decided to rename the project the Parks Needs Assessment Plus (PNA+) to clarify and better communicate that this project complements and offers new information not previously included in the 2016 Parks Needs Assessment (PNA), such as mapping and analyses related to population vulnerability, environmental benefits, environmental burdens, and priority areas for environmental conservation, environmental restoration, regional recreation, and rural recreation. (Please note that there remains some text and graphic references to the RRE in this document because that was the project name when some components of this study were completed.)
WEST SAN GABRIEL VALLEY
REGIONAL STUDY AREA PROFILE

STUDY AREA ID #7
» Study Area Description
» Study Area Demographics
» Population Vulnerability
» Regional Site Inventory
» Environmental Benefits
» Environmental Burdens
» Regional Recreation Parks
» Regional Recreation Park Access
» Nature-Based Recreation Areas

» Nature-Based Recreation Area Access
» Nature-Based Recreation Amenities
» Regional Trails
» Regional Trail Access
» Regional Site Visitorship
» Community Engagement Themes
» Regional Recreation Priorities
» Environmental Conservation and Restoration Priorities

Note
This profile is not intended to stand alone. For definitions of key terms and a full description of the analysis summarized within please refer to Chapters 3 and 4 of the main report as well as Appendix C: Technical Resources.
STUDY AREA DESCRIPTION

LOCATION
The Angeles National Forest is the northern border of the West San Gabriel Valley Study Area, while downtown Los Angeles and the Gateway Study Area make up the southern border. The eastern border of the study area is roughly Interstate-605. The study area includes the cities of Alhambra, Arcadia, Bradbury, Duarte, El Monte, Irwindale, La Cañada Flintridge, Monrovia, Monterey Park, Montebello, Pasadena, Rosemead, San Gabriel, San Marino, South Pasadena, Sierra Madre, South El Monte, and Temple City. Unincorporated areas located within the study area include Altadena, Chapman Woods, East San Gabriel, East Pasadena, Kinneloa Mesa, San Pasqual, South San Gabriel, Whittier Narrows and South Monrovia.

GEOGRAPHY
The study area includes the San Gabriel Mountains and Angeles National Forest. The San Gabriel River flows north-south along the study area’s eastern border and Interstate-605. The study area is almost entirely developed with suburban developments.

STUDY AREA ISSUES
The study area is comprised of mature, suburban communities, including some in the foothills of the San Gabriel Mountains. Some of these communities contain environmental resources, including Significant Ecological Areas (SEAs), and others face hazardous constraints. Portions of the Altadena Foothills and Arroyos SEA, San Gabriel Canyon SEA, and Puente Hills SEA are within the study area. In addition, many of the foothill communities are designated Very High Fire Hazard Severity Zones, which reflects the increased threat of wildfires and subsequent mudslides within those areas.

Many of the unincorporated areas are isolated islands of almost entirely residential development. It is important to integrate these islands into the fabric of their surrounding communities, where many of the services and daily needs of the unincorporated residents are met.

PARK AND RECREATION RELATED ISSUES
» Several areas located in the West San Gabriel Valley region were identified as having Very High Park Need in the 2016 Countywide Parks Needs Assessment. These study areas include the City of El Monte and Unincorporated East San Gabriel/ Unincorporated Arcadia.

» The lack of access to a personal vehicle and inadequate public transit service have left many residents in the West San Gabriel Valley unable to reach nearby public lands in the Angeles National Forest.

» The study area has a limited number of trails. The San Gabriel Valley Greenway Network has the potential to transform channels, washes, and rivers into an interconnected network of bike paths, trails, and greenspaces in a highly developed area. The plan to implement the network is expected to be finalized by the end of 2022 with a list of priority projects.
ANALYSIS FINDINGS

» The area experiences a relatively high concentration of vulnerable populations, including parts of Alhambra, El Monte, and South El Monte.

» The regional recreation facilities and trails in the area are relatively well served by public transportation due to an extensive transit network in the San Gabriel Valley. However, access to the Angeles National Forest remains difficult for those without access to a personal vehicle.

» The area experiences the highest rates of visitorship to the Angeles National Forest, Santa Fe Dam Recreational Area, and Whittier Narrows Recreation Area.

» High Regional Recreation Need is found in pockets across the study area, such as Duarte, El Monte, and Whittier, due to its disparate vulnerable populations and low visitorship rates.

» A number of areas adjacent to the Angeles National Forest have been identified as priority areas for conservation.

» Several areas, including portions of El Monte, Irwindale, and South El Monte, have been identified as priority areas for restoration due to their relatively poor environmental health.

» This study area only has 0.16 miles of regional trails per 1,000 residents, which is well below the countywide average of 0.33.

COMMUNITY ENGAGEMENT THEMES

» Heat, distance, lack of transit and limited information about parks and facilities, cost, safety and not feeling welcome are identified as barriers to park use for residents in the study area.

» Residents say they need more shade, swimming facilities, affordable transit, accessible facilities, trails and trail networks, more multilingual signage and information, gathering spaces, and affordable and open access to park programs and facilities.

» 41% of survey respondents say they are recreating outside more and 85% are looking to do that closer to home because of COVID.
WEST SAN GABRIEL VALLEY REGIONAL STUDY AREA

Map source: US Census, 2019; Esri, 2021; MIG, 2021; LAC GIS, 2021; USGS NHD, 2021

Note: All Regional Study Profile maps in this chapter include and refer to the sources listed here as basemap layers.
PNA STUDY AREAS LOCATED WITHIN REGIONAL STUDY AREA

This map shows the relationship of Regional Study Area to the boundaries of the study areas that were analyzed in the 2016 PNA.

Map source: PNA, 2016
# STUDY AREA DEMOGRAPHICS

Population, Race, Ethnicity, Gender, Income, Age, and Education Level

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<tr>
<td>Associates</td>
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<td>Graduate or professional degree</td>
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Source: Planning Area Framework, The Los Angeles County General Plan 2035.

2014 ACS 5-Year Estimate Subject t=Tables [https://data.census.gov/cedsci/table?q=United%20States&g=0500000US06037%2414000000&d=ACS%205-Year%20Estimates%20Subject%20Tables]

Note: At the time that this report was prepared, 2020 Census results were not available.
POPPULATION VULNERABILITY DIMENSIONS

Social Barriers Dimension

Indicators:
- High Poverty Rate
- High Unemployment Rate
- Majority-Minority Population
- High % of Young Children
- High % of Elderly Residents
- High % of Non-English-Speaking Residents
- Low % of Two-Parent Households

Transportation Barriers Dimension

Indicators:
- Low Automobile Access
- Low Public Transit Access
- Low Active Commuting Rate
- High Traffic Density
- High Pedestrian Injuries

Health Vulnerability Dimension

Indicators:
- Low Park Access
- Low Tree Canopy
- High % Impervious Surface
- High Number of Excessive Heat Days
- High Urban Heat Island Index Score

Environmental Vulnerability Dimension

Indicators:
- Reduced Life Expectancy at Birth
- High Pollution Levels

Maps source: HPI, 2021; 2021 RRE Inventory
COMPOSITE POPULATION VULNERABILITY

Map source: HPI, 2021; 2021 RRE Inventory

Legend
- Moderate to High Vulnerability for ONE Dimension
- Moderate to High Vulnerability for TWO Dimensions
- Moderate to High Vulnerability for THREE Dimensions
- Moderate to High Vulnerability for FOUR Dimensions
- Regional Site Inventory
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

Social Barriers Dimension:
- Prevalence of:
  - Young Children
  - Elderly
  - Non-English Speaking Residents
  - Single Parent Households

Transportation Barriers Dimension:
- Poverty
- Unemployment
- Majority-Minority Population
- Limited Active Commuting
- Limited Automobile Access
- Limited Public Transit Access
- High Traffic Density
- High Pedestrian Injuries

Health Vulnerability Dimension:
- Reduced Life Expectancy at Birth
- High Pollution Levels

Environmental Vulnerability Dimension:
- Limited Park Access
- Limited Tree Canopy
- High % of Impervious Surface
- High Excessive Heat Days
- High Urban Heat Island Index Score
REGIONAL FACILITY METRICS

17,558
TOTAL ACRES
OF REGIONAL
FACILITIES

17%
OF THE TOTAL
LAND AREA
IS REGIONAL
FACILITY LAND

19
ACRES OF REGIONAL
FACILITY LAND
PER 1,000
RESIDENTS

Map source: 2021 RRE Inventory
ENVIRONMENTAL BENEFITS

INDICATORS

Species Diversity. Species diversity data represent a count of the number of different species for amphibians, aquatic macroinvertebrates, birds, fish, mammals, plants, and reptiles.

Significant Habitat. Significant habitat values represent terrestrial habitats or vegetation types that are the focus of state, national, or locally legislated conservation laws, as well as key habitat areas that are essential to the survival and reproduction of focal wildlife species.

Habitat Connectivity. Habitat connectivity values summarize information on the presence of mapped terrestrial corridors or linkages and juxtaposition to large, contiguous, natural areas.

Proximity to Waterbody. Proximity to waterbody represents the distance to a water drainage network of the US. Proximity was categorized as less than 0.1 mile (highest benefit), 0.1 to 0.25 mile, 0.25 to 0.5 mile, 0.5 -1.0 mile, or greater than 1.0 mile (lowest benefit).

Habitat Type. Habitat types are divided into natural vegetation (high score), agriculture/barren/other (low score), and urban (lowest score).
ENVIRONMENTAL BURDENS

INDEXCTORS

**Groundwater Threat.** Groundwater threats come from many sources, including storage and disposal of hazardous materials on land and in underground storage tanks, dairy farms, concentrated animal-feeding operations, and water ponds generated for oil and gas development also pose threats to groundwater reserves.

**Hazardous Waste.** Hazardous waste facilities and generators pose widespread concerns for both human health and the environment from sites that serve to process or dispose of hazardous waste.

**Drinking Water.** Drinking water contaminants are introduced into drinking water sources in many ways, including natural occurrence, accidental discharge, industrial release, agricultural runoff and certain water disinfection methods.

**PM2.5.** Fine particulate matter (PM) that measures 2.5 microns or less in width represents a major contributor to air pollution and has been shown to cause significant adverse health effects, including heart and lung disease.

**Pollution Burden.** Pollution burden is composite indicator derived from seven exposure indicators (ozone and PM2.5 concentrations, diesel PM emissions, drinking water contaminants, children’s lead risk from housing, pesticide use, toxic releases from facilities, and traffic density) and five environmental effects indicators (cleanup sites, impaired water bodies, groundwater threats, hazardous waste facilities and generators, and solid waste sites and facilities).
REGIONAL RECREATION PARKS

- 3,484 ACRES OF REGIONAL RECREATION PARKLAND
- 4 ACRES OF REGIONAL RECREATION PARKLAND PER 1,000 STUDY AREA RESIDENTS

Map source: 2021 RRE Inventory
REGIONAL RECREATION PARK ACCESS

Walking Distance (0.5 miles from entry)

Legend
- Areas within a 0.5-mile walk of a Regional Recreation Park Entry
- Regional Recreation Park
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

2% of residents live within walking distance of a regional recreation park.

Cycling Distance (2.5 miles from entry)

Legend
- Areas within a 2.5-mile bicycle ride of a Regional Recreation Park Entry
- Regional Recreation Park
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

29% of residents live within cycling distance of a regional recreation park.

Driving Distance (5 miles from entry)

Legend
- Areas within a 5-mile drive of a Regional Recreation Park Entry
- Regional Recreation Park
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

87% of residents live within driving distance of a regional recreation park.

Transit Service (entry is within 0.5 miles of transit stop)

Legend
- Entry Point Served by Public Transit (located within a half mile of a Transit Stop)
- Entry Point Not Served by Public Transit (not located within a half mile of a Transit Stop)
- Regional Recreation Park
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

75% of regional recreation park entrances are located within a half-mile walk of a public transit stop.

Maps source: ArcGIS StreetMap Premium, 2021; 2021 RRE Inventory
NATURE-BASED RECREATION AREAS

9,663 ACRES OF NATURE-BASED RECREATION AREA LAND

11 ACRES OF NATURE-BASED RECREATION AREA LAND PER 1,000 REGIONAL STUDY AREA RESIDENTS

Map source: 2021 RRE Inventory
NATURE-BASED RECREATION AREA ACCESS

Walking Distance (0.5 miles from entry)

Legend
- Areas within a 0.5-mile walk of a Nature-Based Recreation Area Entry
- Nature-Based Recreation Area
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

7% OF STUDY AREA RESIDENTS LIVE WITHIN WALKING DISTANCE OF A NATURE-BASED RECREATION AREA

Cycling Distance (2.5 miles from entry)

Legend
- Areas within a 2.5-mile bicycle ride of a Regional Recreation Park Entry
- Regional Recreation Park
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

79% OF STUDY AREA RESIDENTS LIVE WITHIN CYCLING DISTANCE OF A NATURE-BASED RECREATION AREA

Driving Distance (5 miles from entry)

Legend
- Areas within a 5-mile drive of a Nature-Based Recreation Area Entry
- Nature-Based Recreation Area
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

100% OF STUDY AREA RESIDENTS LIVE WITHIN DRIVING DISTANCE OF A NATURE-BASED RECREATION AREA

Transit Service (entry is within 0.5 miles of transit stop)

Legend
- Entry Point Served by Public Transit (located within a half mile of a Transit Stop)
- Entry Point Not Served by Public Transit (not located within a half mile of a Transit Stop)
- Nature-Based Recreation Area
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

27% OF NATURE-BASED RECREATION AREA ENTRY POINTS AREA SERVED BY PUBLIC TRANSIT

Maps source: ArcGIS StreetMap Premium, 2021; 2021 RRE Inventory
REGIONAL RECREATION AMENITIES

**GATHERING SPACES**
- 0 Group Picnic Areas
- 39 Individual Picnic Areas
- 18 Indoor Event Spaces
- 33 Outdoor Event Spaces

**SPORTS FACILITIES**
- 20 Shooting Ranges
- 0 Archery Ranges
- 0 Snowsport Facilities

**TRAILS AND PATHWAYS**
- 0 Rock Climbing Areas
- 208 Trailheads

**WATER-BASED RECREATION**
- 3 Boating Areas
- 4 Swimming Areas
- 1 Watersport Facilities
- 10 Waterfront Access Areas
- 4 Fishing Areas

**OVERNIGHT ACCOMMODATIONS**
- 58 Tent Campsites
- 0 RV Campsites

**EXPERIENTIAL LEARNING OPPORTUNITIES**
- 14 Visitor Centers
- 12 Environmental Learning Facilities
- 4 Gardens

**SUPPORT FACILITIES**
- 13 Concessions
- 17,544 Parking Spaces
- 86 Restrooms
REGIONAL RECREATION OPPORTUNITY TYPES

Gathering Spaces

Sports Facilities

Trails and Pathways

Water-Based Recreation

Maps source: 2021 RRE Inventory
REGIONAL RECREATION AMENITY ANALYSIS

Experiential Learning Opportunities

Legend
- Regional Sites with Experiential Learning Opportunities
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

Maps source: 2021 RRE Inventory

Overnight Accommodations

Legend
- Regional Sites with Overnight Accommodations
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

Maps source: 2021 RRE Inventory

Support Facilities
REGIONAL TRAILS

149 MILES OF REGIONAL TRAIL

0.16 MILES OF REGIONAL TRAIL PER 1,000 STUDY AREA RESIDENTS

Map source: LAC DPR, 2021; 2021 RRE Inventory
Appendix A  |  West San Gabriel Valley

REGIONAL TRAIL ACCESS

Walking Distance (0.5 miles from entry)

Legend
- Areas within a 0.5-mile walk of a Trailhead or Access Point
- Regional Trails
- Regional Bikeways
- Trailheads and Access Points
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

13% of study area residents live within walking distance of a trailhead.

Cycling Distance (2.5 miles from entry)

Legend
- Areas within a 2.5-mile bicycle ride of a Trailhead or Access Point
- Regional Trails
- Regional Bikeways
- Trailheads and Access Points
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

100% of study area residents live within cycling distance of a trailhead.

Driving Distance (5 miles from entry)

Legend
- Areas within a 5-mile drive of a Trailhead or Access Point
- Regional Trails
- Regional Bikeways
- Trailheads and Access Points
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

100% of study area residents live within driving distance of a trailhead.

Transit Service (entry is within 0.5 miles of transit stop)

Legend
- Trailhead or Access Point Served by Public Transit (located within a half mile walk of a Transit Stop)
- Trailhead or Access Point Not Served by Public Transit (not located within a half mile walk of a Transit Stop)
- Regional Trails
- Regional Bikeways
- Trailheads and Access Points
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

30% of trailheads are served by public transit.

Maps source: LAC DPR, 2021; ArcGIS StreetMap Premium, 2021; 2021 RRE Inventory
REGIONAL SITE VISITORSHIP

REGIONAL SITES INCLUDED IN VISITORSHIP ANALYSIS

- Eaton Canyon Natural Area and Nature Center
- Arcadia Community Regional Park
- Hahamonga Watershed Park
- Santa Fe Dam Recreational Area
- Whittier Narrows Recreation Area

Map source: Unacast, 2021; 2021 RRE Inventory

Legend

- Less than 100 total visits
- 100 - 1,000 total visits
- 1,001 - 5,000 total visits
- More than 5,000 total visits
- Sample Sites
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads
**Eaton Canyon Natural Area and Nature Center**

**VISITORSHIP REPORT 2019 - 2020**

**DESCRIPTION**
Eaton Canyon Natural Area Park and Nature Center is a natural preserve located at the base of the San Gabriel Mountains. This 198-acre natural area was named after Judge Benjamin Eaton, a progressive pioneer, who was the first to use irrigation from Eaton creek to grow grapes on the slopes. Visitors can explore Eaton Canyon’s expansive hiking and equestrian trails, along with a staging area, seasonal streams, abundant native plants and wildlife and a nature center with displays, live animals, classrooms, an auditorium and a gift shop. The Nature Center hosts a variety of programming, such as the Young Naturalist After School Club, Nature Tails Docent Led Storytime Reading and seasonal events.

**KEY PARK AMENITIES**
- Nature Center
- Animal Exhibits
- Equestrian Facilities
- Group Picnic Areas
- Hiking Trails

**VISITORS**

**WEBSITE**
www.parks.lacounty.gov/eaton-canyon-natural-area-and-nature-center/

**ANNUAL VISITORSHIP / VISITOR ORIGIN**

**2019**
188,761 visitors

- **90%** originated from within LA County
- **10%** originated from outside LA County
- **38%** originated from West San Gabriel Valley

**2020**
101,438 visitors

- **92%** originated from within LA County
- **8%** originated from outside LA County
- **35%** originated from West San Gabriel Valley

Sources: Unacast 2021 (LA County DPR 2020, LA County PNA 2016, ESRI 2021)
VISITORSHIP REPORT 2019 - 2020
Eaton Canyon Natural Area and Nature Center

MONTHLY VISITORSHIP

TRAVEL DISTANCE

DEMOGRAPHICS

EDUCATION

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<th>Bachelors Degree</th>
<th>Masters Degree &amp; Above</th>
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<td>6.5%</td>
<td>19.1%</td>
<td>7.6%</td>
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<td>2020</td>
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<td>21.7%</td>
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<td>16.3%</td>
<td>6.4%</td>
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INCOME

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GENDER IDENTITY

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<td>48.3%</td>
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<tr>
<td>Female</td>
<td>51.4%</td>
<td>51.7%</td>
</tr>
</tbody>
</table>

RACE/ETHNICITY

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amer-Indian</td>
<td>0.2%</td>
<td>0.3%</td>
</tr>
<tr>
<td>Asian</td>
<td>18.7%</td>
<td>14.3%</td>
</tr>
<tr>
<td>Black</td>
<td>8.3%</td>
<td>13.5%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>38.5%</td>
<td>40.5%</td>
</tr>
<tr>
<td>White</td>
<td>30.3%</td>
<td>26.9%</td>
</tr>
<tr>
<td>2 or More</td>
<td>3.0%</td>
<td>2.8%</td>
</tr>
<tr>
<td>Other</td>
<td>0.3%</td>
<td>0.2%</td>
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</table>

AGE

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-29</td>
<td>22.4%</td>
<td>22.1%</td>
</tr>
<tr>
<td>30-39</td>
<td>18.5%</td>
<td>19.6%</td>
</tr>
<tr>
<td>40-49</td>
<td>17.6%</td>
<td>17.7%</td>
</tr>
<tr>
<td>50-59</td>
<td>17.3%</td>
<td>17.9%</td>
</tr>
<tr>
<td>60-69</td>
<td>12.9%</td>
<td>13.0%</td>
</tr>
<tr>
<td>70-79</td>
<td>6.8%</td>
<td>5.8%</td>
</tr>
<tr>
<td>80+</td>
<td>4.5%</td>
<td>3.8%</td>
</tr>
</tbody>
</table>
Arcadia Community Regional Park is a beautiful open space in the city of Arcadia, CA. The park has a senior center, children’s play areas, community centers, multipurpose rooms, outdoor kitchens and picnic areas, barbecues and restrooms. Visitors can partake in various sporting activities at the park’s swimming pools, wading pools, tennis courts, fitness zones, horseshoe pits, lawn bowling greens and softball and baseball fields.

**VISITORSHIP REPORT 2019 - 2020**

**Arcadia Community Regional Park**

**VITAL STATISTICS**

**KEY PARK AMENITIES**
- Community Center/Senior Center
- Group Picnic Areas
- Splash Pad
- Swimming Pool
- Tennis Courts
- Baseball Fields
- Softball Fields
- Horseshoe Pits
- Lawn Bowling Greens
- Children’s Play Area
- Concession Stands
- Fitness Zones

**DESCRIPTION**

Arcadia Community Regional Park is a beautiful open space in the city of Arcadia, CA. The park has a senior center, children’s play areas, community centers, multipurpose rooms, outdoor kitchens and picnic areas, barbecues and restrooms. Visitors can partake in various sporting activities at the park’s swimming pools, wading pools, tennis courts, fitness zones, horseshoe pits, lawn bowling greens and softball and baseball fields.

**ANNUAL VISITORSHIP / VISITOR ORIGIN**

**2019**

- **621,051 visitors**
- **82%** originated from within LA County
- **18%** originated from outside LA County
- **65%** originated from West San Gabriel Valley

**2020**

- **445,788 visitors**
- **86%** originated from within LA County
- **14%** originated from outside LA County
- **68%** originated from West San Gabriel Valley

Sources: Unacast 2021 (LA County DPR 2020, LA County PNA 2016, ESRI 2021)
VISITORSHIP REPORT 2019 - 2020
Arcadia Community Regional Park

MONTHLY VISITORSHIP

<table>
<thead>
<tr>
<th></th>
<th>JAN</th>
<th>FEB</th>
<th>MAR</th>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
<th>JUL</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>NOV</th>
<th>DEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>41,150</td>
<td>33,769</td>
<td>48,566</td>
<td>47,197</td>
<td>43,607</td>
<td>51,376</td>
<td>49,465</td>
<td>50,330</td>
<td>54,938</td>
<td>58,478</td>
<td>47,184</td>
<td>34,117</td>
</tr>
<tr>
<td>2020</td>
<td>43,260</td>
<td>52,602</td>
<td>38,094</td>
<td>18,736</td>
<td>28,172</td>
<td>33,729</td>
<td>38,270</td>
<td>37,918</td>
<td>26,143</td>
<td>34,041</td>
<td>37,878</td>
<td>26,990</td>
</tr>
</tbody>
</table>

TRAVEL DISTANCE

- 6.4% over 31 mi
- 52.9% 0 - 3 mi
- 15.5% 16 - 31 mi
- 8.4% 6 - 16 mi
- 17.0% 3 - 6 mi

2019

- 4.0% over 31 mi
- 53.6% 0 - 3 mi
- 16.6% 16 - 31 mi
- 9.2% 6 - 16 mi
- 16.7% 3 - 6 mi

2020

DEMographics

EDUCATION

<table>
<thead>
<tr>
<th></th>
<th>High School Diploma</th>
<th>Some College, No Degree</th>
<th>Associates Degree</th>
<th>Bachelors Degree</th>
<th>Masters Degree &amp; Above</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>14.9%</td>
<td>15.6%</td>
<td>7.7%</td>
<td>24.0%</td>
<td>9.9%</td>
</tr>
<tr>
<td>2020</td>
<td>15.0%</td>
<td>15.3%</td>
<td>7.3%</td>
<td>24.1%</td>
<td>9.6%</td>
</tr>
</tbody>
</table>

INCOME

<table>
<thead>
<tr>
<th></th>
<th>Less than $24,999</th>
<th>$25,000 - $49,999</th>
<th>$50,000 - $74,999</th>
<th>$75,000 - $99,999</th>
<th>$100,000 - $124,999</th>
<th>More than $125,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>15.9%</td>
<td>14.0%</td>
<td>18.0%</td>
<td>12.1%</td>
<td>10.9%</td>
<td>29.0%</td>
</tr>
<tr>
<td>2020</td>
<td>16.5%</td>
<td>14.7%</td>
<td>18.2%</td>
<td>12.6%</td>
<td>10.5%</td>
<td>27.5%</td>
</tr>
</tbody>
</table>

GENDER IDENTITY

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>47.2%</td>
<td>52.8%</td>
</tr>
<tr>
<td>2020</td>
<td>47.2%</td>
<td>52.8%</td>
</tr>
</tbody>
</table>

RACE/ETHNICITY

<table>
<thead>
<tr>
<th></th>
<th>Amer-Indian</th>
<th>Asian</th>
<th>Black</th>
<th>Hispanic</th>
<th>White</th>
<th>2 or More</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>0.2%</td>
<td>39.1%</td>
<td>2.7%</td>
<td>27.8%</td>
<td>27.0%</td>
<td>2.7%</td>
<td>0.3%</td>
</tr>
<tr>
<td>2020</td>
<td>0.2%</td>
<td>41.0%</td>
<td>2.6%</td>
<td>28.2%</td>
<td>25.2%</td>
<td>2.4%</td>
<td>0.3%</td>
</tr>
</tbody>
</table>

AGE

<table>
<thead>
<tr>
<th></th>
<th>18-29</th>
<th>30-39</th>
<th>40-49</th>
<th>50-59</th>
<th>60-69</th>
<th>70-79</th>
<th>80+</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>18.4%</td>
<td>15.6%</td>
<td>19.2%</td>
<td>18.3%</td>
<td>14.3%</td>
<td>8.4%</td>
<td>5.6%</td>
</tr>
<tr>
<td>2020</td>
<td>18.5%</td>
<td>15.2%</td>
<td>18.9%</td>
<td>19.4%</td>
<td>13.9%</td>
<td>8.2%</td>
<td>5.8%</td>
</tr>
</tbody>
</table>
Hahamongna Watershed Park

**VISITORSHIP REPORT 2019 - 2020**

**VITAL STATISTICS**

**KEY PARK AMENITIES**
- Disc Golf Course
- Multi-Purpose Field
- Equestrian Facilities
- Hiking Trails
- Biking Trails
- Picnic Areas

**DESCRIPTION**

Hahamongna Watershed Park is located in the Arroyo Seco and extends from Devil’s Gate Dam North into the San Gabriel Mountains. The 1300-acre park has a multipurpose athletic field, a 24-hole frisbee golf course and an extensive network of biking and hiking trails. Trails are pet-friendly and offer views of the San Gabriel Mountains. There is an equestrian center and trails are open for horses, mountain bikers, and hikers alike. Visitors can enjoy the numerous picnic areas, barbecue pits, restrooms and drinking fountains.

**WEBSITE**

www.cityofpasadena.net/parks-and-rec/parks/hahamongna-watershed-park/

**ANNUAL VISITORSHIP / VISITOR ORIGIN**

**2019**

- **416,939 visitors**

**2020**

- **289,803 visitors**

**2019**

- 84% originated from within LA County
- 16% originated from outside LA County
- 53% originated from West San Gabriel Valley

**2020**

- 87% originated from within LA County
- 13% originated from outside LA County
- 52% originated from West San Gabriel Valley

**Sources:** Unacast 2021 (LA County DPR 2020, LA County PNA 2016, ESRI 2021)
VISITORSHIP REPORT 2019 - 2020
Hahamongna Watershed Park

MONTHLY VISITORSHIP

<table>
<thead>
<tr>
<th></th>
<th>JAN</th>
<th>FEB</th>
<th>MAR</th>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
<th>JUL</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>NOV</th>
<th>DEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019 Visitorship</td>
<td>32,661</td>
<td>28,903</td>
<td>36,010</td>
<td>33,332</td>
<td>32,404</td>
<td>37,349</td>
<td>43,808</td>
<td>34,134</td>
<td>30,920</td>
<td>30,815</td>
<td>27,315</td>
<td>30,784</td>
</tr>
<tr>
<td>2020 Visitorship</td>
<td>28,525</td>
<td>30,500</td>
<td>23,644</td>
<td>14,227</td>
<td>21,566</td>
<td>27,024</td>
<td>31,573</td>
<td>19,078</td>
<td>21,546</td>
<td>22,557</td>
<td>21,146</td>
<td></td>
</tr>
</tbody>
</table>

TRAVEL DISTANCE

- 0 - 3 mi: 29.0% (2019), 24.4% (2020)
- 3 - 6 mi: 22.3% (2019), 28.3% (2020)
- 6 - 16 mi: 23.9% (2019), 10.7% (2020)
- 16 - 31 mi: 14.2% (2019), 12.6% (2020)
- over 31 mi: 10.7% (2019), 12.6% (2020)

DEMOGRAPHICS

EDUCATION

- High School Diploma: 12.7% (2019), 13.7% (2020)
- Some College, No Degree: 15.5% (2019), 15.7% (2020)
- Associates Degree: 6.7% (2019), 6.5% (2020)
- Bachelors Degree: 24.5% (2019), 21.9% (2020)
- Masters Degree & Above: 10.5% (2019), 9.7% (2020)

INCOME

- Less than $24,999: 14.3% (2019), 15.3% (2020)
- $25,000 - $49,999: 14.6% (2019), 15.9% (2020)
- $50,000 - $74,999: 18.9% (2019), 36.7% (2020)
- $75,000 - $99,999: 11.9% (2019), 37.4% (2020)
- $100,000 - $124,999: 10.0% (2019), 2.7% (2020)
- More than $125,000: 32.1% (2019), 28.5% (2020)

GENDER IDENTITY

- Male: 47.2% (2019), 47.3% (2020)
- Female: 52.8% (2019), 52.7% (2020)

RACE/ETHNICITY

- Amer-Indian: 0.2% (2019), 0.1% (2020)
- Asian: 17.4% (2019), 15.2% (2020)
- Black: 7.6% (2019), 7.3% (2020)
- Hispanic: 30.1% (2019), 36.7% (2020)
- White: 41.1% (2019), 37.4% (2020)
- 2 or More: 3.1% (2019), 2.7% (2020)
- Other: 0.4% (2019), 0.4% (2020)

AGE

- 40-49: 17.7% (2019), 17.6% (2020)
- 50-59: 18.0% (2019), 16.6% (2020)
- 60-69: 14.1% (2019), 13.8% (2020)
- 70-79: 7.8% (2019), 8.1% (2020)
- 80+: 5.2% (2019), 4.7% (2020)
Santa Fe Dam Recreational Area

DESCRIPTION
Santa Fe Dam Recreational Area is located at the foot of the San Gabriel Mountains in Baldwin Park. The recreational area is 836 acres, with a 70-acre lake open for year-round fishing and non-motorized watercraft usage. During the summer, visitors can access a water play area, boat rentals, picnic areas, hiking trails, volleyball courts, nature and bird walks, horseback riding, fitness zones and concession stands. The recreational area is home to many protected native plants and animals. The Nature Center is operated and staffed by volunteers from the San Gabriel Mountains Regional Conservancy and offers year-round educational walking tours.

WEBSITE
www.parks.lacounty.gov/santa-fe-dam-recreational-area/

VITAL STATISTICS

ANNUAL VISITORSHIP / VISITOR ORIGIN

2019

684,423 visitors

2020

341,901 visitors

Sources: Unacast 2021 (LA County DPR 2020, LA County PNA 2016, ESRI 2021)
VISITORSHIP REPORT 2019 - 2020
Santa Fe Dam Recreational Area

MONTHLY VISITORSHIP

TRAVEL DISTANCE

DEMOGRAPHICS

EDUCATION

<table>
<thead>
<tr>
<th></th>
<th>High School Diploma</th>
<th>Some College, No Degree</th>
<th>Associates Degree</th>
<th>Bachelors Degree</th>
<th>Masters Degree &amp; Above</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>18.5%</td>
<td>17.3%</td>
<td>6.6%</td>
<td>15.6%</td>
<td>5.7%</td>
</tr>
<tr>
<td>2020</td>
<td>19.8%</td>
<td>17.1%</td>
<td>6.4%</td>
<td>14.7%</td>
<td>5.0%</td>
</tr>
</tbody>
</table>

INCOME

<table>
<thead>
<tr>
<th></th>
<th>Less than $24,999</th>
<th>$25,000 - $49,999</th>
<th>$50,000 - $74,999</th>
<th>$75,000 - $99,999</th>
<th>$100,000 - $124,999</th>
<th>More than $125,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>17.8%</td>
<td>17.5%</td>
<td>21.6%</td>
<td>13.0%</td>
<td>9.9%</td>
<td>19.6%</td>
</tr>
<tr>
<td>2020</td>
<td>18.0%</td>
<td>18.2%</td>
<td>22.4%</td>
<td>13.1%</td>
<td>9.6%</td>
<td>18.7%</td>
</tr>
</tbody>
</table>

GENDER IDENTITY

<table>
<thead>
<tr>
<th>Gender</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>48.6%</td>
<td>51.3%</td>
</tr>
<tr>
<td>2020</td>
<td>48.9%</td>
<td>51.1%</td>
</tr>
</tbody>
</table>

RACE/ETHNICITY

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Amer-Indian</th>
<th>Asian</th>
<th>Black</th>
<th>Hispanic</th>
<th>White</th>
<th>2 or More</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>0.3%</td>
<td>18.3%</td>
<td>4.4%</td>
<td>51.0%</td>
<td>23.7%</td>
<td>1.8%</td>
<td>0.2%</td>
</tr>
<tr>
<td>2020</td>
<td>0.5%</td>
<td>17.8%</td>
<td>3.8%</td>
<td>54.7%</td>
<td>21.2%</td>
<td>1.6%</td>
<td>0.2%</td>
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</tbody>
</table>

AGE

<table>
<thead>
<tr>
<th>Age Group</th>
<th>18-29</th>
<th>30-39</th>
<th>40-49</th>
<th>50-59</th>
<th>60-69</th>
<th>70-79</th>
<th>80+</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>23.4%</td>
<td>17.5%</td>
<td>17.9%</td>
<td>17.3%</td>
<td>12.6%</td>
<td>6.9%</td>
<td>4.3%</td>
</tr>
<tr>
<td>2020</td>
<td>23.2%</td>
<td>17.7%</td>
<td>17.7%</td>
<td>17.1%</td>
<td>12.9%</td>
<td>7.0%</td>
<td>4.3%</td>
</tr>
</tbody>
</table>
**VISITORSHIP REPORT 2019 - 2020**
Whittier Narrows Recreation Area

**VITAL STATISTICS**

**DESCRIPTION**
Whittier Narrows Recreational Area is a 1,492-acre park located in the City of South El Monte and is one of Los Angeles County’s largest and most popular recreation areas. The recreational area has many amenities for visitors to enjoy including fishing lakes, sports fields, picnic areas, fitness zones, boat rentals, community gardens, hiking trails, shooting ranges, volleyball and tennis courts, a military museum, a horse center, tram tours and train rides, a BMX track, a disc golf course and an urban farm. The Nature Center educates visitors on the many native plants and animals in the area and hosts many school group tours, guided nature walks and naturalist docent trainings.

**KEY PARK AMENITIES**
- Nature Center
- Museum
- Train Rides
- Community Garden
- Concession Stand
- Disc Golf Course
- Equestrian Facilities
- Baseball Fields
- Children’s Play Areas
- Fitness Zones
- Picnic Areas
- Soccer Fields
- BMX Track
- Boating Areas
- Fishing Lakes
- Fitness Zone
- Group Picnic Areas
- Hiking Trails
- Biking Trails
- Horseshoe Pits
- Model Airplane Area
- Outdoor Performance Area
- Shooting Range
- Softball Fields
- Tennis Courts
- Volleyball Courts

**ANNUAL VISITORSHIP / VISITOR ORIGIN**

2019
1,312,059 visitors

2020
1,201,693 visitors

69% originated from within LA County
31% originated from outside LA County
31% originated from West San Gabriel Valley

76% originated from within LA County
24% originated from outside LA County
31% originated from West San Gabriel Valley

**WEBSITE**
www.parks.lacounty.gov/whittier-narrows-natural-area-and-nature-center/
VISITORSHIP REPORT 2019 - 2020
Whittier Narrows Recreation Area

MONTHLY VISITORSHIP

<table>
<thead>
<tr>
<th>Month</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan</td>
<td>68,015</td>
<td>71,966</td>
</tr>
<tr>
<td>Feb</td>
<td>48,655</td>
<td>71,782</td>
</tr>
<tr>
<td>Mar</td>
<td>84,690</td>
<td>50,732</td>
</tr>
<tr>
<td>Apr</td>
<td>115,882</td>
<td>42,396</td>
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<tr>
<td>May</td>
<td>83,951</td>
<td>79,997</td>
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<tr>
<td>Jun</td>
<td>106,422</td>
<td>87,608</td>
</tr>
<tr>
<td>Jul</td>
<td>96,666</td>
<td>101,275</td>
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<tr>
<td>Aug</td>
<td>95,069</td>
<td>94,829</td>
</tr>
<tr>
<td>Sep</td>
<td>100,850</td>
<td>78,011</td>
</tr>
<tr>
<td>Oct</td>
<td>106,079</td>
<td>75,214</td>
</tr>
<tr>
<td>Nov</td>
<td>99,169</td>
<td>66,428</td>
</tr>
<tr>
<td>Dec</td>
<td>71,152</td>
<td>59,496</td>
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TRAVEL DISTANCE

<table>
<thead>
<tr>
<th>Distance</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 3 mi</td>
<td>25.7%</td>
<td>28.4%</td>
</tr>
<tr>
<td>6 - 16 mi</td>
<td>31.7%</td>
<td>23.7%</td>
</tr>
<tr>
<td>16 - 31 mi</td>
<td>11.9%</td>
<td>7.1%</td>
</tr>
<tr>
<td>Over 31 mi</td>
<td>5.7%</td>
<td>9.7%</td>
</tr>
</tbody>
</table>

DEMOGRAPHICS

EDUCATION

<table>
<thead>
<tr>
<th>Education Level</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>High School Diploma</td>
<td>19.4%</td>
<td>19.8%</td>
</tr>
<tr>
<td>Some College, No Degree</td>
<td>15.4%</td>
<td>14.9%</td>
</tr>
<tr>
<td>Associates Degree</td>
<td>5.6%</td>
<td>5.5%</td>
</tr>
<tr>
<td>Bachelors Degree</td>
<td>12.8%</td>
<td>12.5%</td>
</tr>
<tr>
<td>Masters Degree &amp; Above</td>
<td>4.4%</td>
<td>3.8%</td>
</tr>
</tbody>
</table>

INCOME

<table>
<thead>
<tr>
<th>Income Range</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than $24,999</td>
<td>21.2%</td>
<td>22.1%</td>
</tr>
<tr>
<td>$25,000 - $49,999</td>
<td>19.5%</td>
<td>20.0%</td>
</tr>
<tr>
<td>$50,000 - $74,999</td>
<td>21.8%</td>
<td>22.5%</td>
</tr>
<tr>
<td>$75,000 - $99,999</td>
<td>12.4%</td>
<td>12.4%</td>
</tr>
<tr>
<td>$100,000 - $124,999</td>
<td>8.5%</td>
<td>7.9%</td>
</tr>
<tr>
<td>More than $125,000</td>
<td>16.4%</td>
<td>15.0%</td>
</tr>
</tbody>
</table>

GENDER IDENTITY

<table>
<thead>
<tr>
<th>Gender</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>48.8%</td>
<td>48.5%</td>
</tr>
<tr>
<td>Female</td>
<td>51.2%</td>
<td>51.5%</td>
</tr>
</tbody>
</table>

RACE/ETHNICITY

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amer-Indian</td>
<td>0.2%</td>
<td>0.2%</td>
</tr>
<tr>
<td>Asian</td>
<td>19.5%</td>
<td>20.8%</td>
</tr>
<tr>
<td>Black</td>
<td>3.1%</td>
<td>3.3%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>60.3%</td>
<td>61.9%</td>
</tr>
<tr>
<td>White</td>
<td>15.1%</td>
<td>12.2%</td>
</tr>
<tr>
<td>2 or More</td>
<td>1.3%</td>
<td>1.1%</td>
</tr>
<tr>
<td>Other</td>
<td>0.2%</td>
<td>0.3%</td>
</tr>
</tbody>
</table>

AGE

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2019</th>
<th>2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>18-29</td>
<td>23.4%</td>
<td>23.7%</td>
</tr>
<tr>
<td>30-39</td>
<td>17.9%</td>
<td>17.9%</td>
</tr>
<tr>
<td>40-49</td>
<td>18.0%</td>
<td>16.6%</td>
</tr>
<tr>
<td>50-59</td>
<td>16.3%</td>
<td>16.2%</td>
</tr>
<tr>
<td>60-69</td>
<td>12.6%</td>
<td>6.8%</td>
</tr>
<tr>
<td>70-79</td>
<td>7.1%</td>
<td>4.5%</td>
</tr>
<tr>
<td>80+</td>
<td>4.6%</td>
<td>4.5%</td>
</tr>
</tbody>
</table>
COMMUNITY ENGAGEMENT THEMES

BARRIERS RESIDENTS EXPERIENCE TO USING REGIONAL PARKS AND FACILITIES

HEAT
Heat and related pollution impacts make outdoor recreation activities difficult for many residents during warmer months of the year.

LACK OF SHADE
Without shade, many parks are unusable during hot months.

DISTANCE
Many park amenities are not available nearby.

LACK OF TRANSIT
Public transit to parks is limited and travel times are long. There are not many affordable options to reach amenities further away.

COST
Access fees and costs of transportation to facilities prevent many low-income families from getting to and enjoying parks.

TIME
Many residents do not have time, due to work or other reasons, to travel to and/or use regional parks and facilities.

LACK OF INFORMATION
Residents do not know where parks are located, what facilities are available or open, or how to reserve, use or get to amenities.

SAFETY
Concerns about unhoused people in parks, pandemic safety precautions along crowded trails, and safety for pedestrians on trails shared with bikes.

NOT FEELING WELCOME
Many people of color are concerned about feeling welcome and safe at parks and facilities.

LIMITED ADA AND SENIOR ACCESSIBILITY
Facilities are not accessible to disabled and older residents, many of whom do not have access to transportation to get to the parks.

LACK OF CONNECTIVITY
Not enough trail networks or safe biking and pedestrian options.

NOT ENOUGH MAINTENANCE AT PARKS AND FACILITIES
Park areas and trails need repairs, maintenance and restoration.

LIMITED HOURS
Facilities are not open when people can use them, and pandemic restrictions have limited community use and events.

LACK OF OUTDOOR RECREATION AREAS
Including trails, pet-friendly areas, campsites and affordable water-based recreation.

“I would like to visit more hiking trails but it’s hard to find them, and information like hours, parking info, types of trails or activities.”

“We have limited outdoor activity because of the heat.”

“Cost and lack of access to transportation prevents people from participating in the outdoor activities they would like to do.”

“It was really sad that during the pandemic open spaces like parks were closed - especially for families who don’t ... have a yard or outdoor space.”
Residents Regional Parks Use and Activities

I visit these types of regional parks and facilities the most…

<table>
<thead>
<tr>
<th>Parks</th>
<th>79%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trails</td>
<td>78%</td>
</tr>
<tr>
<td>Ocean beaches</td>
<td>77%</td>
</tr>
<tr>
<td>Lakes</td>
<td>75%</td>
</tr>
<tr>
<td>Arboreta and Botanical gardens</td>
<td>73%</td>
</tr>
<tr>
<td>Forests</td>
<td>70%</td>
</tr>
<tr>
<td>Rivers</td>
<td>67%</td>
</tr>
<tr>
<td>Nature centers/natural areas</td>
<td>58%</td>
</tr>
<tr>
<td>Wildlife sanctuaries</td>
<td>47%</td>
</tr>
<tr>
<td>Deserts</td>
<td>40%</td>
</tr>
</tbody>
</table>

I can’t go outside or to parks because…

<table>
<thead>
<tr>
<th>Reason</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>I didn’t know this was an option</td>
<td>36%</td>
</tr>
<tr>
<td>It is too far</td>
<td>28%</td>
</tr>
<tr>
<td>I don’t have the gear/equipment needed</td>
<td>25%</td>
</tr>
<tr>
<td>I am too busy with work</td>
<td>23%</td>
</tr>
<tr>
<td>I don’t feel safe</td>
<td>18%</td>
</tr>
<tr>
<td>It takes too long to get there</td>
<td>17%</td>
</tr>
<tr>
<td>I don’t have enough time</td>
<td>16%</td>
</tr>
<tr>
<td>Presence of homeless/unhoused individuals</td>
<td>16%</td>
</tr>
<tr>
<td>It is too busy/congested</td>
<td>16%</td>
</tr>
<tr>
<td>It costs too much</td>
<td>15%</td>
</tr>
<tr>
<td>The gear equipment needed is too expensive</td>
<td>14%</td>
</tr>
<tr>
<td>I cannot access the outdoors</td>
<td>6%</td>
</tr>
<tr>
<td>I am not interested</td>
<td>5%</td>
</tr>
<tr>
<td>I do not have transportation</td>
<td>2%</td>
</tr>
</tbody>
</table>

I use these regional park amenities most often:

<table>
<thead>
<tr>
<th>Amenities</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trails</td>
<td>67%</td>
</tr>
<tr>
<td>Arboreta and Botanical Gardens</td>
<td>64%</td>
</tr>
<tr>
<td>Picnic Areas</td>
<td>56%</td>
</tr>
<tr>
<td>Nature Centers</td>
<td>43%</td>
</tr>
<tr>
<td>Campsites</td>
<td>38%</td>
</tr>
<tr>
<td>Outdoor Event Spaces</td>
<td>37%</td>
</tr>
<tr>
<td>Waterfront Access Areas</td>
<td>25%</td>
</tr>
<tr>
<td>Visitor Centers</td>
<td>22%</td>
</tr>
<tr>
<td>Swimming Areas</td>
<td>21%</td>
</tr>
<tr>
<td>Concessions</td>
<td>14%</td>
</tr>
<tr>
<td>Boating/Watersports Facilities</td>
<td>14%</td>
</tr>
<tr>
<td>Fishing Areas</td>
<td>13%</td>
</tr>
<tr>
<td>Indoor Event Spaces</td>
<td>12%</td>
</tr>
<tr>
<td>Golf Courses</td>
<td>7%</td>
</tr>
<tr>
<td>Rock Climbing Areas</td>
<td>6%</td>
</tr>
<tr>
<td>Off-road/Highway Vehicle Areas</td>
<td>6%</td>
</tr>
<tr>
<td>Archery Ranges</td>
<td>6%</td>
</tr>
<tr>
<td>Snowsport Facilities</td>
<td>5%</td>
</tr>
<tr>
<td>Equestrian Staging Areas</td>
<td>5%</td>
</tr>
<tr>
<td>Shooting Ranges</td>
<td>3%</td>
</tr>
<tr>
<td>I don’t use any of these amenities</td>
<td>3%</td>
</tr>
</tbody>
</table>
Covid-19 Impacts on Recreation for Residents in the West San Gabriel Valley Region

COVID has affected how I recreate…

- **My recreation has not been impacted**: 25%
- **I recreate outside less often**: 34%
- **I recreate outside more often**: 41%

Because of COVID I am looking for recreation opportunities closer to home…

- **Yes**: 85%
- **No**: 15%

Travel to Parks

When I travel to parks, these are all the ways I get there…

- **Drive on my own**: 83%
- **Under my own power (walk, bike, roll, etc.)**: 46%
- **Get a ride with other people**: 28%
- **Use public transit (bus, train, etc.)**: 3%
- **I don’t spend time outdoors or in nature**: 1%

I’m willing to travel this many minutes to parks and amenities…

- **Campsites**: More than 60
- **Snowsport Facilities**: 60
- **Off-Road/Highway Vehicle Areas**: 60
- **Fishing Areas**: 60
- **Waterfront Access Areas**: 60
- **Boating/Watersport Facilities**: 60
- **Equestrian Staging Areas**: 45
- **Nature Centers**: 45
- **Visitor Centers**: 45
- **Rock Climbing Centers**: 45
- **Shooting Ranges**: 45
- **Outdoor Event Spaces**: 45
- **Trails**: 45
- **Golf Courses**: 30
- **Concessions**: 30
- **Arboreta and Botanical Gardens**: 30
- **Swimming Areas**: 30
- **Archery Ranges**: 30
- **Indoor Event Spaces**: 30
- **Picnic Areas**: 30
Regional Parks Needs in the West San Gabriel Valley Region

The greatest parks needs in my community include…

Quality of Regional Park Amenities in the West San Gabriel Valley Region

These amenities received the highest rate of good, fair or poor quality ratings from respondents…

**Good**
- Arboreta and Botanical Gardens 79%
- Trails 63%
- Indoor Event Spaces 52%
- Picnic Areas 51%
- Nature Centers 51%

**Fair**
- Off-Road/Highway Vehicle Areas 90%
- Concessions 54%
- Visitor Centers 53%
- Golf Courses 50%
- Campsites 48%

**Poor**
- Rock Climbing Areas 50%
- Snowsport Facilities 44%
- Shooting Ranges 33%
- Fishing Areas 27%
- Swimming Areas 26%
# Community Engagement Themes

## Community Suggestions to Increase and Improve Visits to Regional Parks and Facilities

<table>
<thead>
<tr>
<th>Theme</th>
<th>Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>More Shade</strong></td>
<td>More shade structures and trees in gathering and playground spaces and along trails.</td>
</tr>
<tr>
<td><strong>Access to Water</strong></td>
<td>Water fountains for users and animals in parks and along trails, more splash pads and water features for cooling off, better access to lakes, rivers and streams in the area.</td>
</tr>
<tr>
<td><strong>Transit Options</strong></td>
<td>Provide free and more frequent transit, including direct bus routes and shuttles, to ski areas, the beach and parks.</td>
</tr>
<tr>
<td><strong>Enhanced Safety Measures</strong></td>
<td>Provide more safety patrols and lighting and ensure visitors are adhering to social distancing and other protective measures during the pandemic.</td>
</tr>
<tr>
<td><strong>Address Homelessness</strong></td>
<td>Expand services to support unhoused people who use parks.</td>
</tr>
<tr>
<td><strong>Better Access to Information</strong></td>
<td>More and multilingual information and media about events at regional parks, locations, available amenities and opportunities to provide input.</td>
</tr>
<tr>
<td><strong>Improved Signage</strong></td>
<td>Provide additional and interactive wayfinding, interpretive and multilingual signage in parks and along trails and ensure accessibility for users with limited vision.</td>
</tr>
<tr>
<td><strong>ADA Accessibility</strong></td>
<td>Provide wheelchair and disabled accessible trails and facilities, including restrooms.</td>
</tr>
<tr>
<td><strong>Expand Native American Access and Education</strong></td>
<td>Provide access to ceremonial spaces for gatherings and events and provide spaces for indigenous-led education centers and activities.</td>
</tr>
<tr>
<td><strong>Expand Community Events</strong></td>
<td>More outdoor theater, music, arts and community events and installations in parks.</td>
</tr>
<tr>
<td><strong>Improved Maintenance and Infrastructure</strong></td>
<td>Clean and maintain restrooms, trails, waterways and campsites, provide more picnic tables and seating.</td>
</tr>
<tr>
<td><strong>Additional Staff</strong></td>
<td>Hire more park guides and maintenance staff to take care of trails and park infrastructure.</td>
</tr>
<tr>
<td><strong>Better Access to Programs</strong></td>
<td>Improve and standardize the online reservation system, allow for community-led recreation classes, and provide affordable equipment and classes for all ages, especially youth and seniors.</td>
</tr>
<tr>
<td><strong>More Recreation Facilities</strong></td>
<td>Extend facilities hours, provide more outdoor equipment and community gathering spaces, and build additional parks, courts, swimming facilities, and places for dogs to run.</td>
</tr>
<tr>
<td><strong>Expand Concessions</strong></td>
<td>Allow local food vendors and set up more hydration locations in parks and facilities.</td>
</tr>
<tr>
<td><strong>Provide Free Entry to Facilities</strong></td>
<td>Organize free days for LA County residents at sites with entry fees.</td>
</tr>
<tr>
<td><strong>Expand Trails and Access</strong></td>
<td>Provide more pedestrian, biking and equestrian trails near other facilities and activities, and provide dedicated trails to mitigate bike rider and hiker user conflicts.</td>
</tr>
<tr>
<td><strong>Enhance Connectivity</strong></td>
<td>Provide greenways and trail networks that connect communities, parks, trails and the watershed, and provide safe transportation corridors for bicyclists, equestrians and pedestrians.</td>
</tr>
<tr>
<td><strong>Expand and Preserve Greenspace</strong></td>
<td>More trees, pocket parks, native habitat areas, learning gardens, and natural open spaces.</td>
</tr>
<tr>
<td><strong>Enhance Preservation and Stewardship</strong></td>
<td>Organize stewardship and restoration activities at parks and along the LA River.</td>
</tr>
<tr>
<td><strong>Partnerships with Community Organizations and Schools</strong></td>
<td>Expand park use and greenspace access through community and school partnerships and make it easier for groups to register and use parks and facilities.</td>
</tr>
</tbody>
</table>
“Please make sure the native plants, oaks and sycamores are replaced when they die from age or the drought. I do not see old trees replaced by young trees. This is so important for the future of our parks.”

“We actually need trail stewardship and management by community groups to work together to reduce user conflict.”

“It would be wonderful to have more signage, especially for trails that are over 2 miles. I went to Vasquez Trails last weekend, and I was scared of not knowing where to go.”

“Arroyo Seco connectivity has so much potential from the mountains to DTLA.”

“I have participants in my health class that long for a trail or walking area with soft surface.”

“Outdoor space have been a life-saver for our family during the pandemic. I helps us teach kids to enjoy the outdoors and also to understand nature, the importance of nature and the impact of global warming. So it is both good for their health and it teaches them to be stewards of the environment.”
Regional Recreation Priority Analysis

Areas Experiencing the Highest Levels of Barriers and Vulnerability

Legend
- Areas of Moderate to High Vulnerability Across All Four Dimensions
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

High Levels of Social and Transportation Barriers

High Levels of Health and Environmental Vulnerability

Map source: HPI, 2021; 2021 RRE Inventory

Areas Located in Low Proximity to Regional Recreation Sites

Legend
- Areas in Low Proximity to Regional Recreation Facilities (beyond a 2.5-mile bicycle ride to any Regional Recreation Park Entry Points, Nature-Based Recreation Area Entry Points or Trailheads and Access Points)
- Regional Site Inventory
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

Low Proximity to Regional Recreation Sites

Map source: ArcGIS StreetMap Premium, 2021; 2021 RRE Inventory

Areas With Low Visitorship Rates to Regional Recreation Sites

Legend
- Areas with Low Visitorship Rates (less than one observed visit per resident over the two-year period)
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

Low Visitorship Rates to Regional Recreation Sites

Map source: Unacast, 2021; 2021 RRE Inventory
REGIONAL RECREATION PRIORITY AREAS

Areas with:

- High Levels of Social and Transportation Barriers
- High Levels of Health and Environmental Vulnerability
- Areas of High Regional Recreation Priority
- Low Proximity to Regional Recreation Sites
- Low Visitorship Rates to Regional Recreation Sites

Map source: HPI, 2021; Unacast, 2021; ArcGIS StreetMap Premium, 2021; 2021 RRE Inventory
ENVIRONMENTAL CONSERVATION AND RESTORATION PRIORITY AREAS

Priority Areas for Conservation

Priority Areas for Restoration

Legend
- Areas of Highest Environmental Benefit
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

Legend
- Areas of Highest Environmental Burden
- West San Gabriel Valley Study Area
- Los Angeles County
- Major Roads

Maps source: CDFW ACE, 2021; USGS, 2021; COEHHA, 2021; CalFire FRAP 2015