
**Gwinnett County Sustainability Commission
Meeting Minutes**

Wednesday, September 15, 2021

Gwinnett Justice and Administration Center
75 Langley Drive, Lawrenceville, GA 30046
Conference Room C (Second Floor)

Present: Laura Hernandez, Daniel Hilton, Krupesh Patel, Dr. Marshall Shepherd, Venus Singh

1. Call to Order

Laura Hernandez, Chairperson, GCSC, called the meeting to order and welcomed everyone at 4:30pm.

2. Approval of Agenda

{Action: Approved; Patel; Second: Hilton; Vote: 5-0; Hernandez-Yes; Hilton-Yes; Patel-Yes; Shepherd-Yes; Singh-Yes}

3. Approval of Minutes

The August 25, 2021, meeting minutes were approved

{Action: Approved; Singh; Second: Patel; Vote: 5-0; Hernandez-Yes; Hilton-Yes; Patel-Yes; Shepherd-Yes; Singh-Yes}

4. Review of Updated Draft Bylaws

The revised set of bylaws were reviewed. New revisions suggested for Article VI. Bylaws will be sent to the Gwinnett County Law Department for review.

5. Presentation of 2020 Comprehensive Parks and Recreation Master Plan

Mark Patterson, Deputy Director, Department of Community Services, presented an overview of the 2020 Comprehensive Parks & Recreation Master Plan.

6. Internal Sustainability Sub-Team Presentations:

- Green Buildings and Energy
- Water Efficiency

David Mogge, Deputy Director, Department of Support Services, presented an overview of the Green Building and Energy Sub-Team. John Butler, Project Coordinator, Department of Water Resources, presented an overview of the Water Efficiency Sub-Team.

7. Discussion and Prioritization of Presentations for Future Meetings

- GCSC members offered ideas for future presentations from possible outside partnerships.
- County staff suggested possible future presentations of current county initiatives.
- GCSC members will review a complete list of presentation options and will prioritize them at the next meeting for agenda planning purposes.

8. Laura Hernandez asked commission members to, prior to the next meeting, contact the commissioner who appointed them and inquire about his or her priorities for environmental sustainability in Gwinnett County and for the work of the GCSC.

9. Public Comments

No members of the public provided comments.

10. Adjournment

The meeting was adjourned at 6:21pm.

{Action: Approved; Shepherd; Second: Hilton; Vote: 5-0; Hernandez-Yes; Hilton-Yes; Patel-Yes; Shepherd-Yes; Singh-Yes}

Bylaws

Article I. Name

The name of this Commission shall be the Gwinnett County Sustainability Commission (GCSC).

Article II. Purposes

The purposes of the GCSC include:

- To review and consider the environmental sustainability needs of Gwinnett County now and in the future based upon existing and projected growth patterns.
- To review and assess environmental sustainability options for Gwinnett County, including those suggested by members of the community.
- To review and assess the feasibility of differing environmental sustainability options in Gwinnett County.
- To review and assess options for reducing Gwinnett County's environmental impact through its buildings, fleets, and practices.
- Provide public education and outreach on sustainability issues and encourage the community to reduce its environmental impact.

Article III. Objectives

The objectives of the GCSC include:

- As requested, the GCSC may review and provide comments on any sustainability plans in which the County is currently engaged, or in which the County plans to engage.
- As requested, the GCSC may assess current and planned infrastructure and programs with regard to their level of environmental sustainability, while considering the current and future needs of Gwinnett County's residents, businesses, and visitors. In doing so, the GCSC should consider factors such as current and projected population of Gwinnett County and financial feasibility.
- The GCSC should review and consider multiple sustainability options and review the feasibility of each.
- As requested, the GCSC may assess and provide recommendations for public outreach and education on sustainability issues.
- The GCSC will prepare at least one annual written report, including its recommendations, concerning the County's existing sustainability practices and programs with the goal of maintaining the Gwinnett Standard of being an environmental leader of local governments in Georgia. The report should include information that presents the scope of the Commission's environmental sustainability work and the basis for its recommendations, such as infrastructure

needs, feasibility of proposed approaches, quality of life, and potential economic benefits and impacts.

Article IV. Authority

The exclusive authority of the GCSC is to review and assess needs, options, and information and to make recommendations to the Board of Commissioners and the County Administrator on environmental sustainability matters. The GCSC has no independent authority to act on any recommendations.

Section 1.

The GCSC shall have no power to enter into contracts of any nature nor to spend public funds.

Section 2.

In the absence of written consent, no board member shall be required to provide any sum of money, property, or service other than services described herein to the GCSC.

Section 3.

The GCSC shall have no power to bind any member or any citizen to any debt, liability, or obligations in the absence of an expressed written authorization from the party to be bound.

Section 4.

GCSC members are not County employees and have no authority to hold themselves out as such.

Section 5.

The GCSC shall have no powers beyond those expressly set forth in these Bylaws.

Article V. Membership

Section 1. Structure of the Commission

The GCSC will represent a variety of viewpoints, interests, and community segments so that it may collectively represent the interests of Gwinnett County. The Board of Commissioners will select and appoint individuals who are critical thinkers with the ability and aptitude to objectively review options without being unduly influenced by preconceived notions about environmental sustainability. No individual who is an announced candidate for elected office at any level or has a position, paid or volunteer, with any active political campaign is eligible to serve as a member of the GCSC. The

GCSC will be made up of five members, each of whom shall be residents of Gwinnett County, to be appointed as follows:

One member appointed by the Commission Chairwoman,
One member appointed by the Commissioner for District 1,
One member appointed by the Commissioner for District 2,
One member appointed by the Commissioner for District 3, and
One member appointed by the Commissioner for District 4.

Section 2. Term of Board Membership

Members shall serve two-year staggered terms. In order to create staggered terms, the initial members appointed by the Commissioners for Districts 1 and 3 shall serve an initial term of one year. After this initial one-year term, the members appointed by the Commissioners for Districts 1 and 3 shall also serve two-year terms. Members serve at the pleasure of the Board of Commissioners and by be removed by a majority vote of the Board of Commissioners at any time. Vacancies on the GCSC shall be filled in the same manner as the original appointment was made.

Section 3. Compensation

Members will serve in non-paying volunteer positions.

Section 4. Voting Rights

Each member shall be entitled to one vote and may cast that vote on each matter submitted to a vote by the GCSC. Proxy voting and absentee ballots shall not be permitted.

Section 5. Termination of Membership

If a member ceases to be a resident of Gwinnett County, that person shall no longer hold membership in the GCSC. The GCSC, by affirmative vote of the majority of all members, may also recommend (with reason or cause) the suspension or expulsion of a member to the Gwinnett County Board of Commissioners. Members serve at the pleasure of the Board of Commissioners and by be removed by a majority vote of the Board of Commissioners at any time.

Section 6. Transfer of Membership

Membership in the GCSC is neither transferable nor assignable.

Section 7. Resignation/Vacancy

Any member may resign by filing a written resignation with the Gwinnett County Board of Commissioners and the GCSC Chairperson. Vacancies on the GCSC shall be filled in the same manner as the original appointment was made.

Section 8. Absences

It is the responsibility of each member to inform the Chairperson when the member will be absent from a meeting. In the event that a member is absent from 75% or more meetings held in a calendar year, that individual may be replaced in accordance with the provisions of Article V, Section 5.

Article VI. Officers

Section 1. Officers

The GCSC, by majority vote, shall elect a Chairperson who will be responsible overall direction and work progress of the GCSC which includes ensuring use of quality assurance/quality control practices and procedures; facilitating the use of advisors; and providing updates to the Board of Commissioners and the County Administrator, as necessary.

The GSCS, by majority vote, shall also elect a Vice Chairperson who be responsible for the duties of the Chairperson in the event of their absence.

Section 2. Eligibility, Election, and Term of Office

The Chairperson and Vice Chairperson of the GCSC shall be elected annually, serve a term of one year, and may serve no more than two consecutive terms. Except for the initial year, for a board member to be nominated for the office of Chairperson, the member shall first have actively served on the GCSC for no less than one calendar year and have attended no less than 75% of the previous calendar year's meetings. Election shall be by a majority vote of all members of the GCSC in attendance at the time of election. Except for the initial year, future elections shall be held at the last scheduled meeting of the calendar year. The term of office shall begin immediately upon election during the inaugural year of the board and on January 31 of the next calendar year for all future elections.

Section 3. Duties of the Officers:

The Chairperson shall:

- Preside at all meetings of the GCSC.

- Prepare an agenda prior to each meeting and submit to board members for additions, deletions, and approval. See Article VII, Section 5 of these Bylaws.
- Ensure meetings are conducted in an orderly manner per Roberts Rules of Order and the Georgia Open Meetings Act.
- Sign all letters, reports, and other GCSC communications.
- Perform duties incidental to the office of Chairperson and other duties as may be prescribed by the GCSC.

The Vice Chairperson shall:

- Assume responsibilities of Chairperson in the event of the Chairperson's absence.

Article VII. Meetings

Section 1. Regular Meetings

The GCSC shall meet regularly on a quarterly basis, at minimum, or more frequently as decided by GCSC. All meetings of the GCSC will be open to the public.

Section 2. Special Called Meetings

Special called meetings may be called by the Chairperson or by a majority vote of the GCSC.

Section 3. Quorum

A quorum of the members shall be present in order for the GCSC to conduct business. A quorum shall consist of three members of the GCSC.

Section 4. Conduct of Meetings

All regular meetings and special meetings of the GCSC shall be conducted in accordance with Roberts Rules of Order or in accordance with an appropriate adaptation thereof and in accordance with the Georgia Open Meetings Act.

Section 5. Agenda

The Chairperson, with assistance from County staff, shall determine the meeting agenda. Members of the GCSC may request the addition of agenda items by contacting the Chairperson at least five (5) business days prior to the deadline for publicly posting the agenda. The Chairperson shall submit a final agenda to the Support Services Department Director, or designee, for

posting on the County website in accordance with the requirements of the Georgia Open Meetings Act.

Section 6. Meetings Open to the Public

Regular and special called meetings of the GCSC shall be open to the public as required by the Georgia Open Meetings Act. Notification of meetings and cancellations are to be posted on the Gwinnett County website seven calendar days preceding the meeting date.

Section 7. Recommendations

The GCSC shall submit only recommendations which have been approved by a majority vote of its members. All recommendations for action must be submitted in writing to the Board of Commissioners and the County Administrator.

Article VIII. Operation

Section 1. County Staff

The GCSC may request the assistance of County staff and advisors to operate efficiently and effectively. County staff, including but not limited to the Department of Support Services and Gwinnett Environmental Sustainability Team, shall provide available information and support as may be reasonable to assist the GCSC and shall provide administrative assistance.

Section 2. Subcommittees

The GCSC may create such subcommittees and/or advisory committees to carry out its purpose with timeliness and efficiency. The GCSC will state the purpose, size, and scope of authority of any subcommittee or advisory committee upon its creation. Any subcommittee or advisory committee may be terminated at any time. Membership on any subcommittee or advisory committee shall be determined by the GCSC with input from appropriate County staff. The GCSC will name at least one of its members to preside over the subcommittee or advisory committee. Members of any subcommittee or advisory committee may participate in the GCSC meetings as appropriate.

Section 3. Reports

Any written reports and recommendations, including reports of subcommittees and/or advisory committees, shall be presented to the GCSC for consideration. The GCSC will provide written recommendations to the Board of Commissioners and the County Administrator.

Article IX. Amendments to the Bylaws

Proposed Amendments to the Bylaws shall be presented to the Chairperson for addition to the meeting agenda in accordance with Article VII, Section 5. Once the Amendment is considered by the GCSC, these Bylaws may be amended with a majority vote of the members.



2020 Comprehensive Parks & Recreation Master Plan

Mark Patterson, PhD., GISP, NGCIP
Department of Community Services Division
September 15, 2021

Agenda

- Purpose and process
- Findings
- Recommendations
- Next steps



Purpose

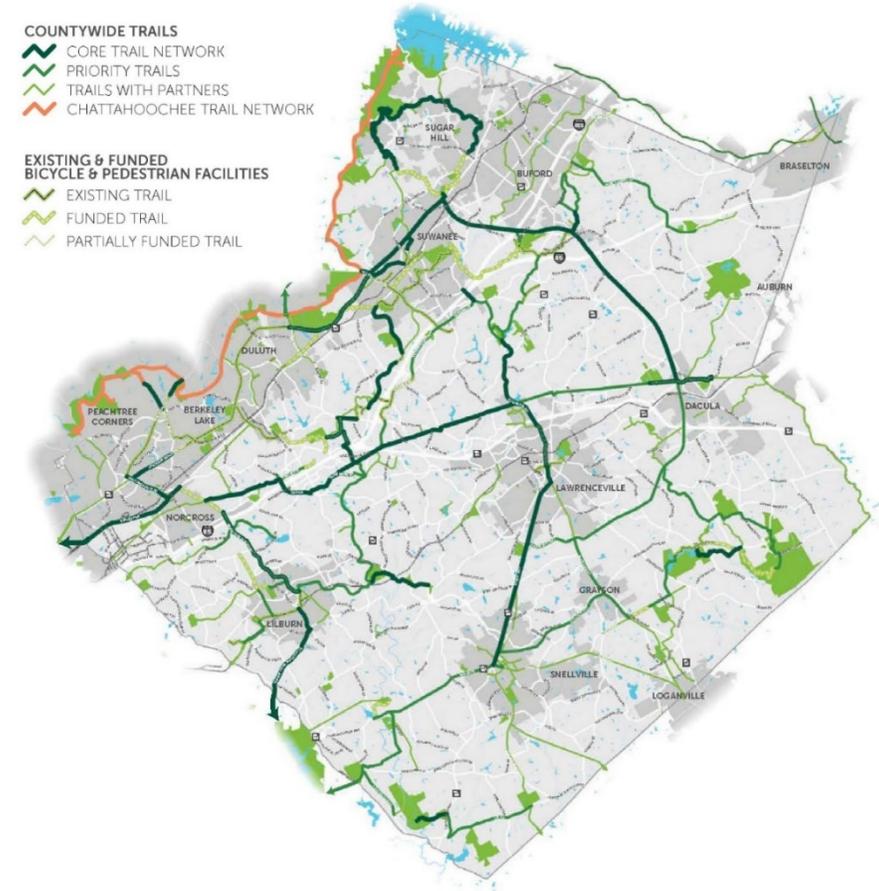
- Facilities and programs
- Operations, management, and maintenance
- Natural and cultural resources
- Marketing and engagement
- Long-term funding needs

Process



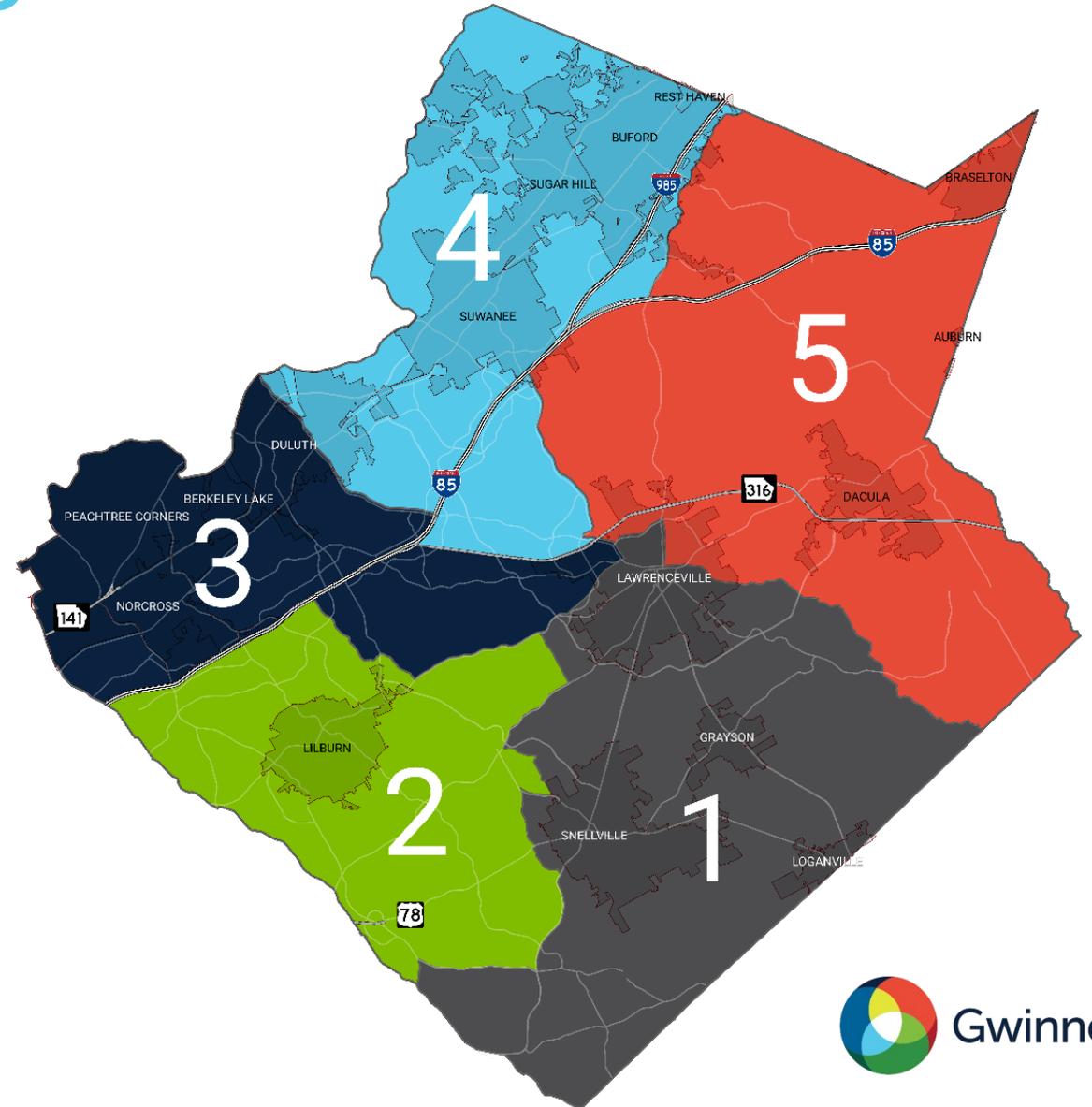
Planning Context

- Comprehensive Park Master Plans (1986, 1996, 2004)
- 51 Park-site Master Plans
- Parks Capital Improvement Plan updates (2007, 2013, 2017)
- Gwinnett Comprehensive Plans (2020, 2030, **2040**)
- Gwinnett Trails Plans (2002, 2012, 2014, **2018**)



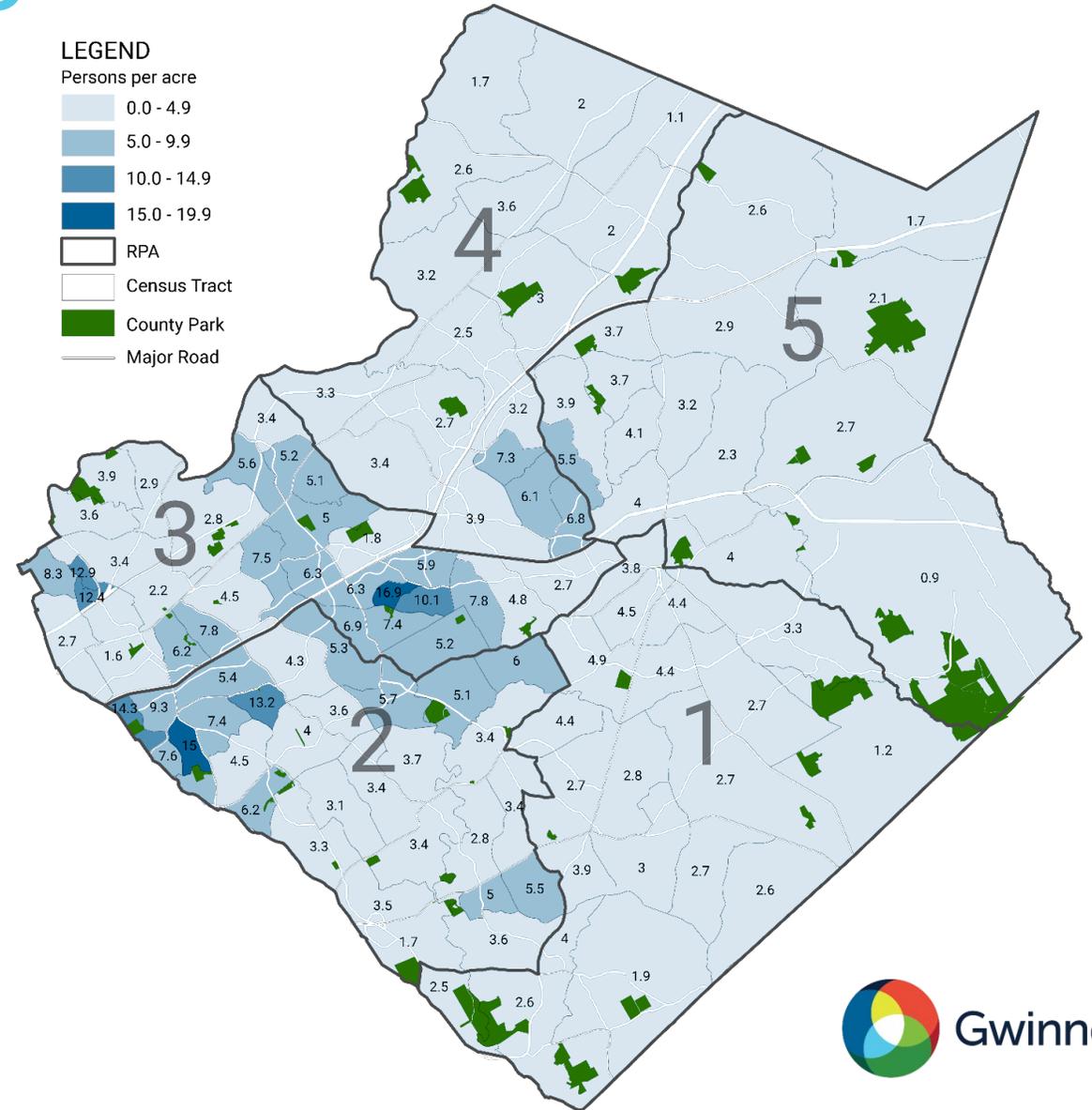
Recreation Planning District Demographics

- County will reach 1,280,000 residents by 2030



Recreation Planning District Demographics

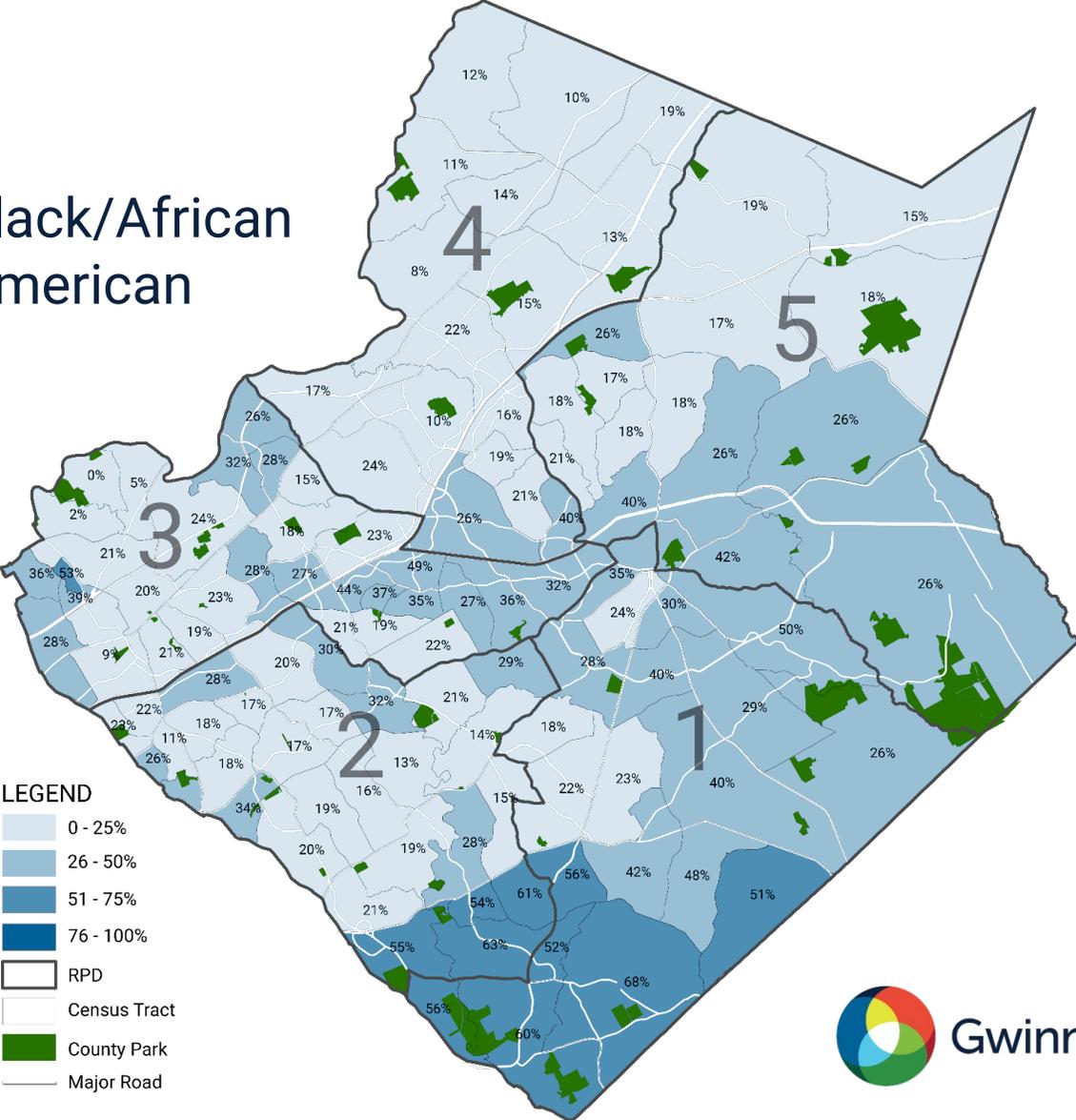
- Increased population densities in Recreation Planning Districts (RPDs) 2 and 3



Recreation Planning District Demographics

- Continued racial and ethnic diversity with pockets in all RPDs

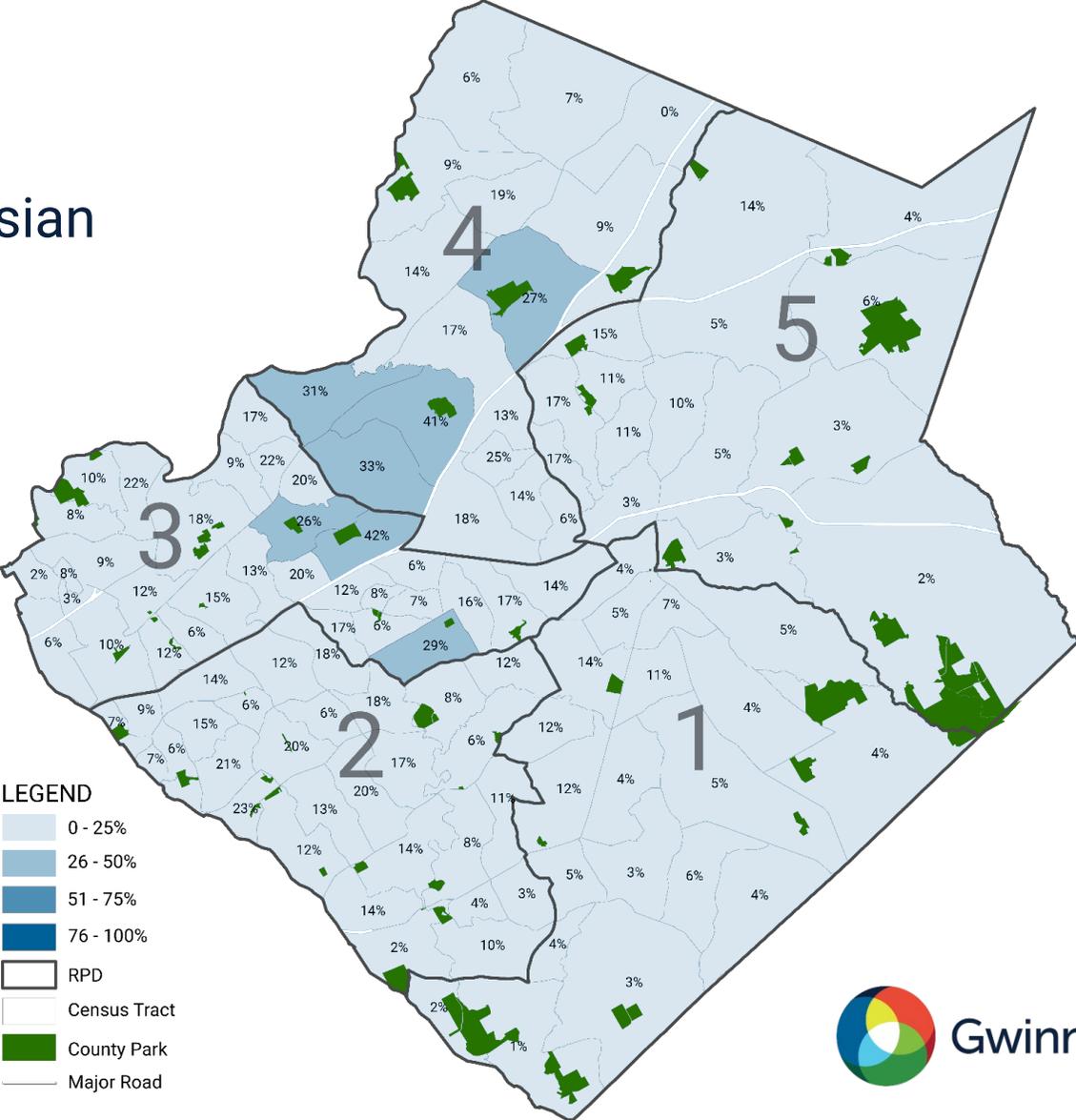
Black/African American



Recreation Planning District Demographics

- Continued racial and ethnic diversity with pockets in all RPDs

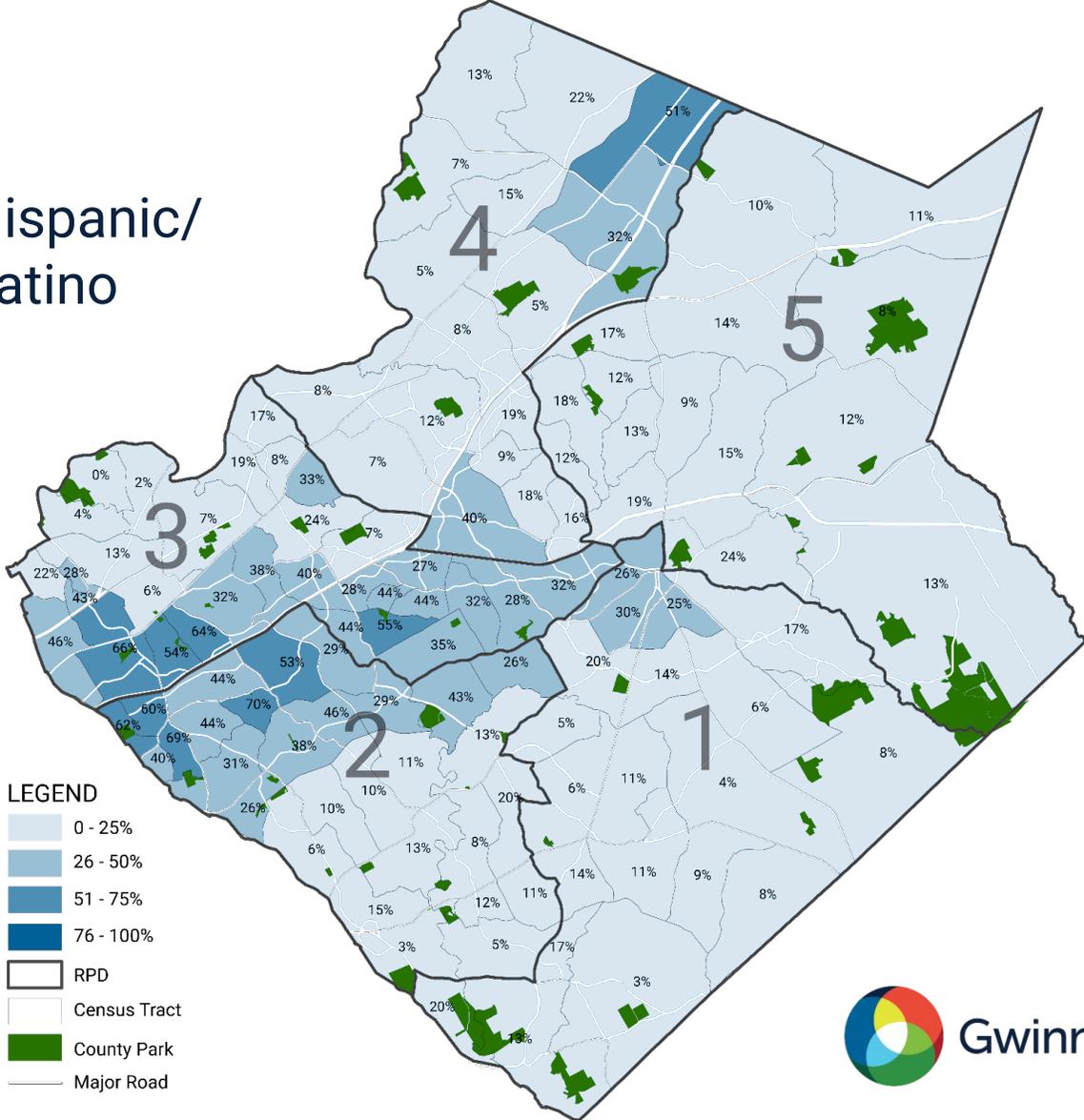
Asian



Recreation Planning District Demographics

- Continued racial and ethnic diversity with pockets in all RPDs

Hispanic/
Latino

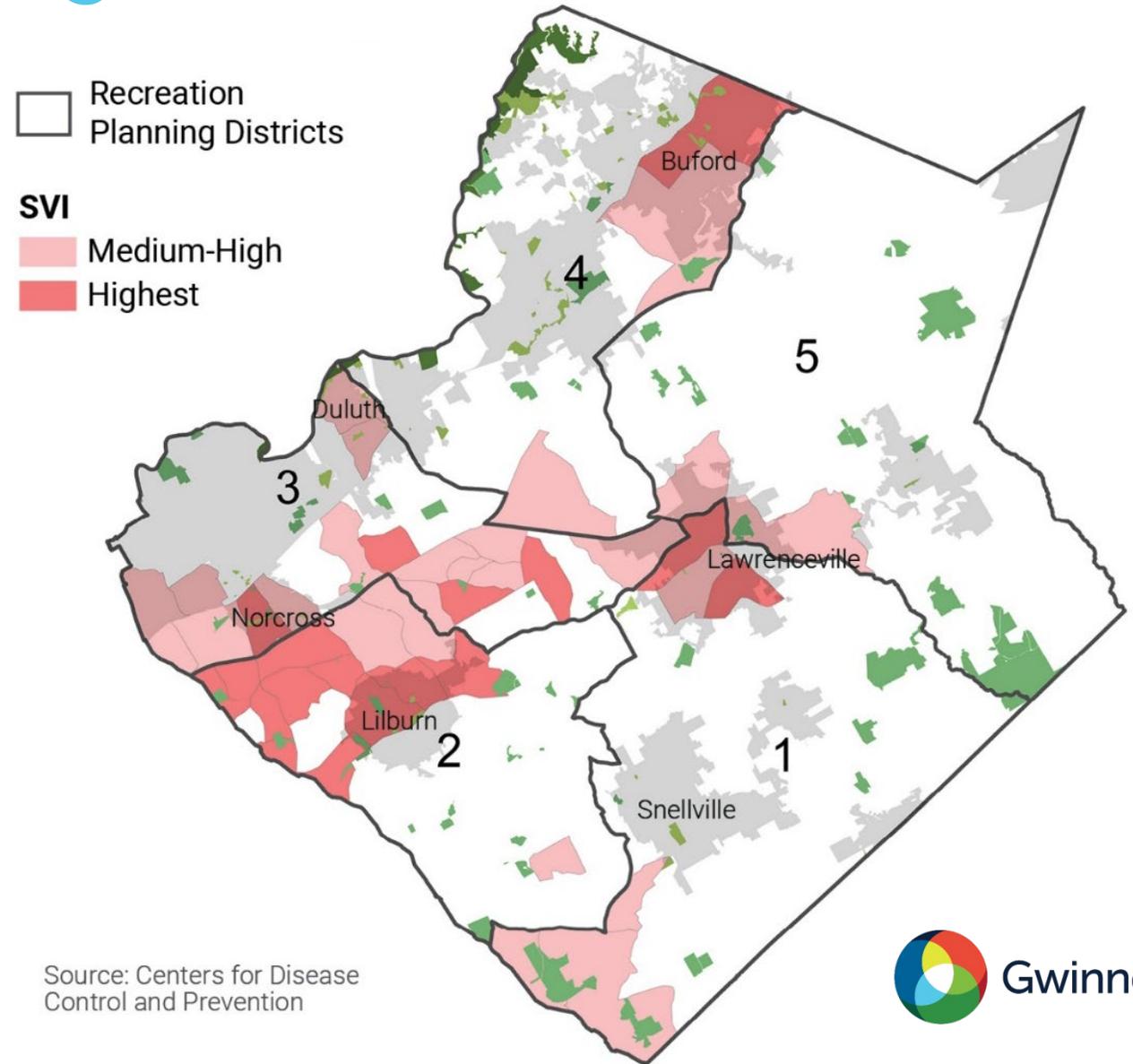


LEGEND

- 0 - 25%
- 26 - 50%
- 51 - 75%
- 76 - 100%
- RPD
- Census Tract
- County Park
- Major Road

Recreation Planning District Demographics

Overall Vulnerability	Socioeconomic Status	Below Poverty
		Unemployed
		Income
		No High School Diploma
	Household Composition & Disability	Aged 65 or Older
		Aged 17 or Younger
		Civilian with a Disability
		Single-Parent Households
	Minority Status & Language	Minority
		Speak English "Less than Well"
	Housing & Transportation	Multi-Unit Structures
		Mobile Homes
		Crowding
		No Vehicle
		Group Quarters



Source: Centers for Disease Control and Prevention

Park Site Evaluations

EVALUATION CRITERIA

- Park Age
- Accessibility
- Safety
- Maintenance

SCORING MATRIX

- Quantitative assessment of overall facility condition

GENERAL PARK EVALUATION						
Park Age						4
Accessibility						5
Safety						1
Maintenance						2
					Total	12
					Average Score	3.00

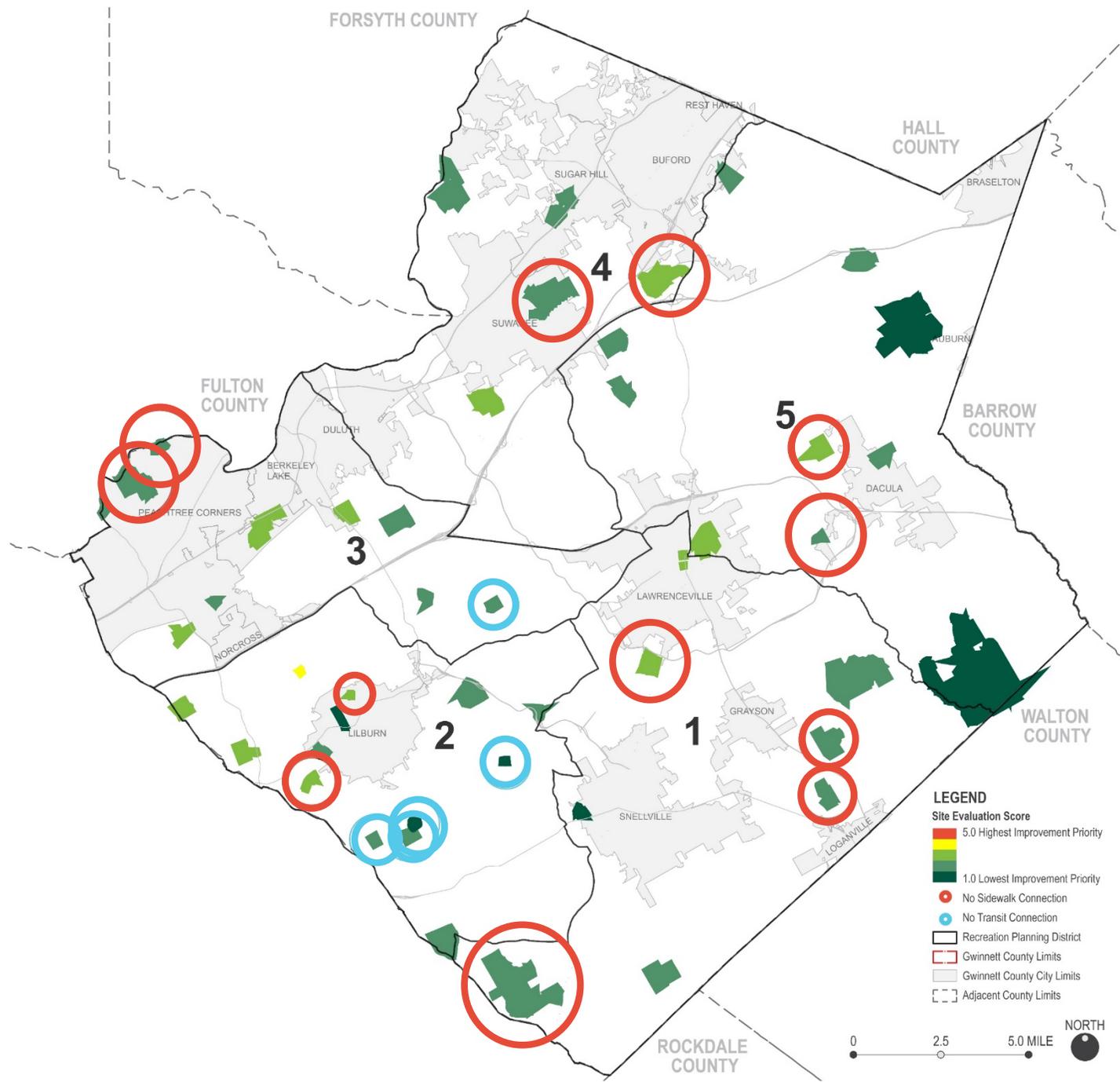
PARK FACILITY EVALUATION						
Facility Type	Age	Access.	Safety	Maint.	Total	Ave. Score
Playground & Amenities (West)	5	1	1	1	8	2
Playground & Amenities (East)	1	1	1	1	4	1
Dog Park	1	1	1	1	4	1
Passive Areas/Self-Directed	5	1	1	3	10	2.5
Amphitheater	5	1	1	1	8	2
Horseshoes	5	1	1	2	9	2.25
Disc Golf	5	2	1	2	10	2.5
Horseshoes	5	2	1	2	10	2.5
	Total	32	10	8	13	
	Average Score	4	1.25	1	1.63	

Park Site Evaluation & Accessibility Summary

LEGEND

Site Evaluation Score

-  5.0 Highest Improvement Priority
-  1.0 Lowest Improvement Priority
-  No Sidewalk Connection
-  No Transit Connection
-  Recreation Planning District
-  Gwinnett County Limits
-  Gwinnett County City Limits
-  Adjacent County Limits



LEGEND
Site Evaluation Score
 5.0 Highest Improvement Priority
 1.0 Lowest Improvement Priority
 No Sidewalk Connection
 No Transit Connection
 Recreation Planning District
 Gwinnett County Limits
 Gwinnett County City Limits
 Adjacent County Limits



PROGRAMMING

- The Department is a county system with a great regional approach to programming
- Data shows the Department is mindful of program lifecycles
- Residents show a large satisfaction with programming
- The Department is mindful of cost recovery *and* access to programs from underserved populations

Core Program Areas	Average Cost Recovery Goal	Average Actual Cost Recovery
Aquatic	100%	218%
Athletics	34%	29%
Health & Wellness	40%	30%
Natural & Cultural Resources	0% or 100%*	156%**
Recreation	43%	34%
Special Events	0% or 50%***	99%****

*Programs have a goal of either 0% or 100% cost recovery
 **For programs that had a 100% cost recovery goal identified
 ***Events have a goal of either 0% or 50% cost recovery
 ****For events that had a 50% cost recovery goal identified

NEEDS & PRIORITIES ASSESSMENT

Qualitative Techniques

- Public input
- Recreation Authority Board interviews and meetings
- Steering committee meetings
- Staff interviews
- Commissioner briefings



Quantitative Techniques

- Statistically-valid survey
- Level-of service analysis
- Benchmarking

Observational Techniques

- Site evaluations | Trends | Demographic overview



By the Numbers

4  English
Español
한국어
Tiếng Việt
Languages

10  Town Hall Meetings

9  Special Events

4,000+  Project Website Views

6,000+  Opinion Dots Placed

4  Steering Committee Meetings

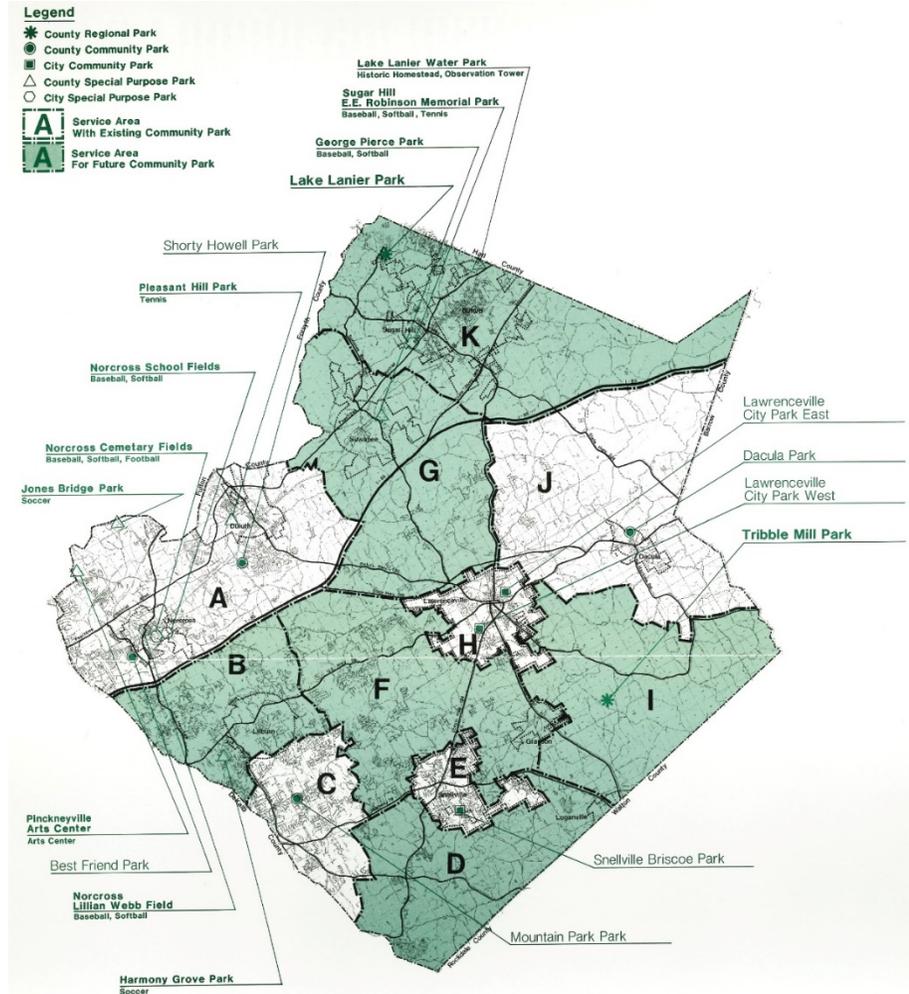
1,700+  Statistically Valid & On-Line Survey Participants

29,000+  Social Media Responses

5  Recreation Authority Board Meetings

1986 Park System

- 9 Developed parks
- 1,193 Acres of park land
- 8 Indoor facilities
- 6 Playgrounds
- 29 Athletic fields
- 25 Sports courts



2020 Park System

- 50 Developed parks
- 9,647 Acres of park land
- 26 Indoor facilities
- 546,520 Indoor square feet
- 75 Playgrounds
- 180 Athletic fields
- 108 Sports courts



Continue the Gwinnett Standard

- High-quality park system
- Strong asset management tracking
- High-level of staff response
- Strong coordination with other departments and divisions

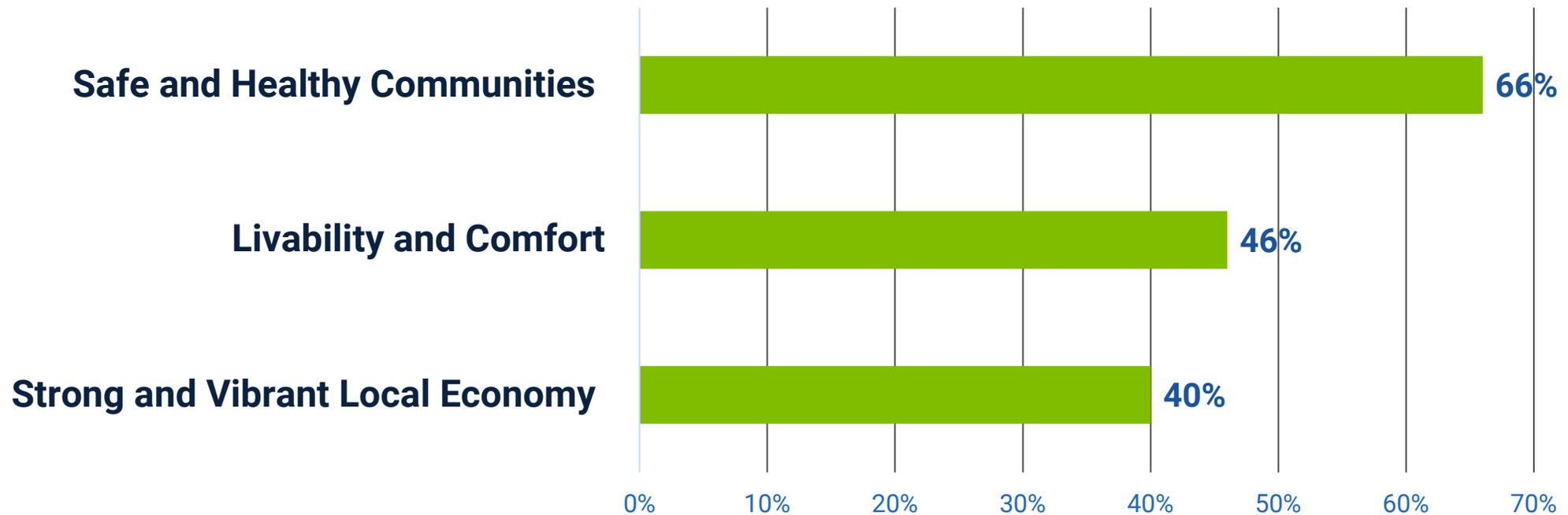
Parks & Recreation are Essential Services



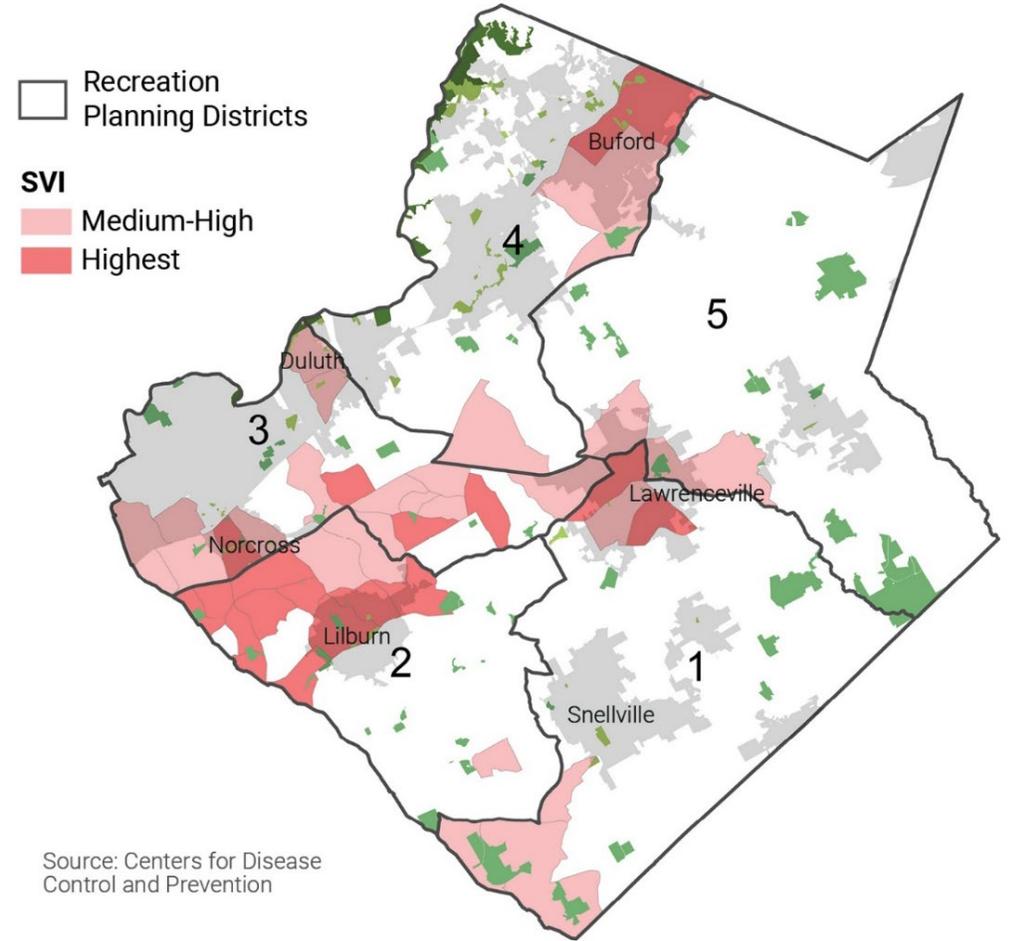
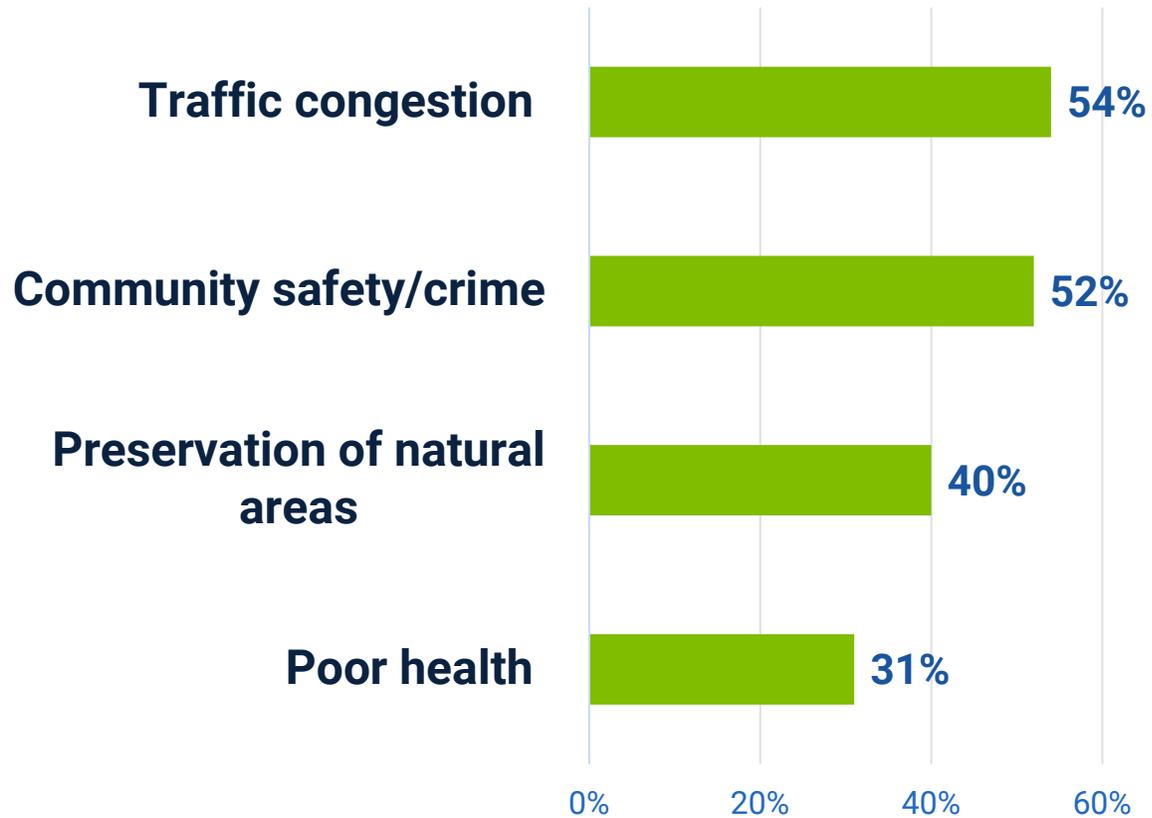
Important Initiatives that Gwinnett County Parks and Recreation should achieve



Top 3 Commission Priorities that Participants Believe Parks and Recreation Currently Address:

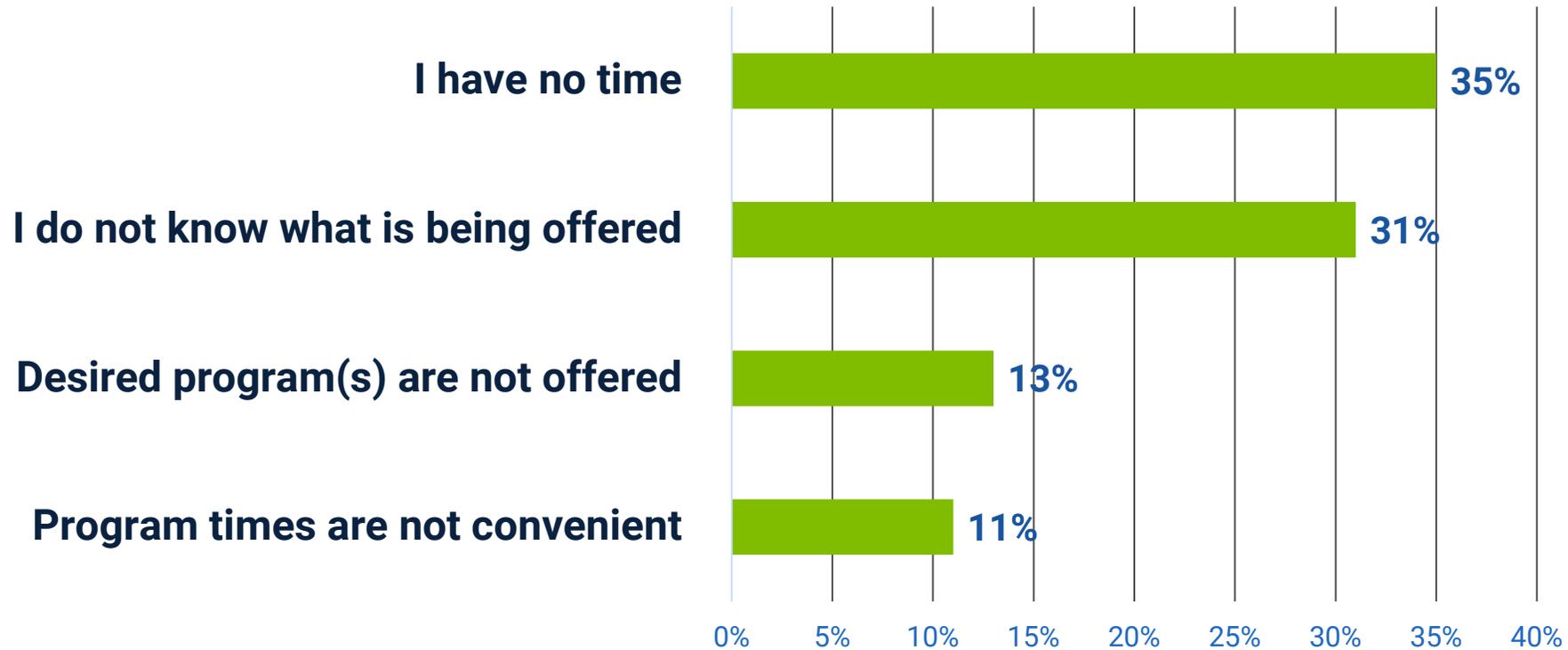


The Top 4 Challenges that are Most Important to Households:



ENHANCE ACCESS - MARKETING

BARRIERS TO USING FACILITIES AND PROGRAMS



Top 3 Ways Park Users Would Like to Interact with Staff While Visiting Parks and Recreation Facilities

- Phone App
- Interactive Kiosks
- More Staff in Parks

IT'S EASY & FREE
One touch process for ages 2-102

WHERE'S MY PARK?
Location based interface shows sites closest to you first

SHARE FEEDBACK
Type, snap or film feedback and send it instantly

CUSTOM LOCATIONS
Parks, trails, facilities customized to your jurisdiction

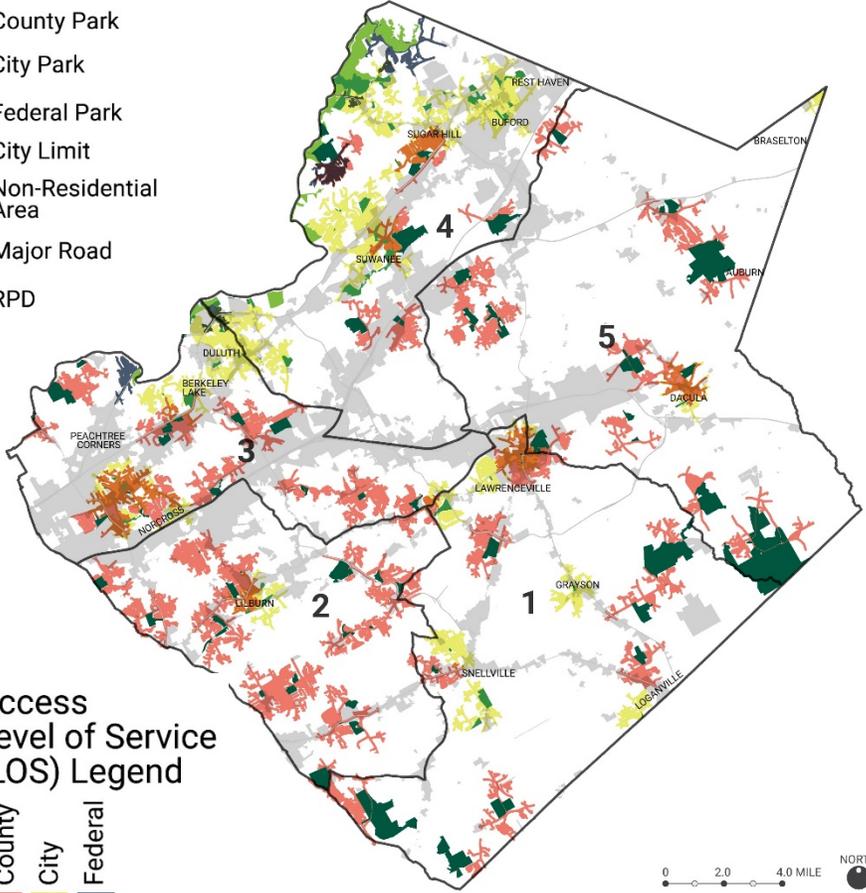
INSTANT NOTIFICATION
Agencies get instant email notification with text, pictures & videos

MULTI PLATFORM (ANDROID / IOS)
Apple fan or Android lover, we've got you covered

ENHANCE ACCESS - PARKS

LEGEND

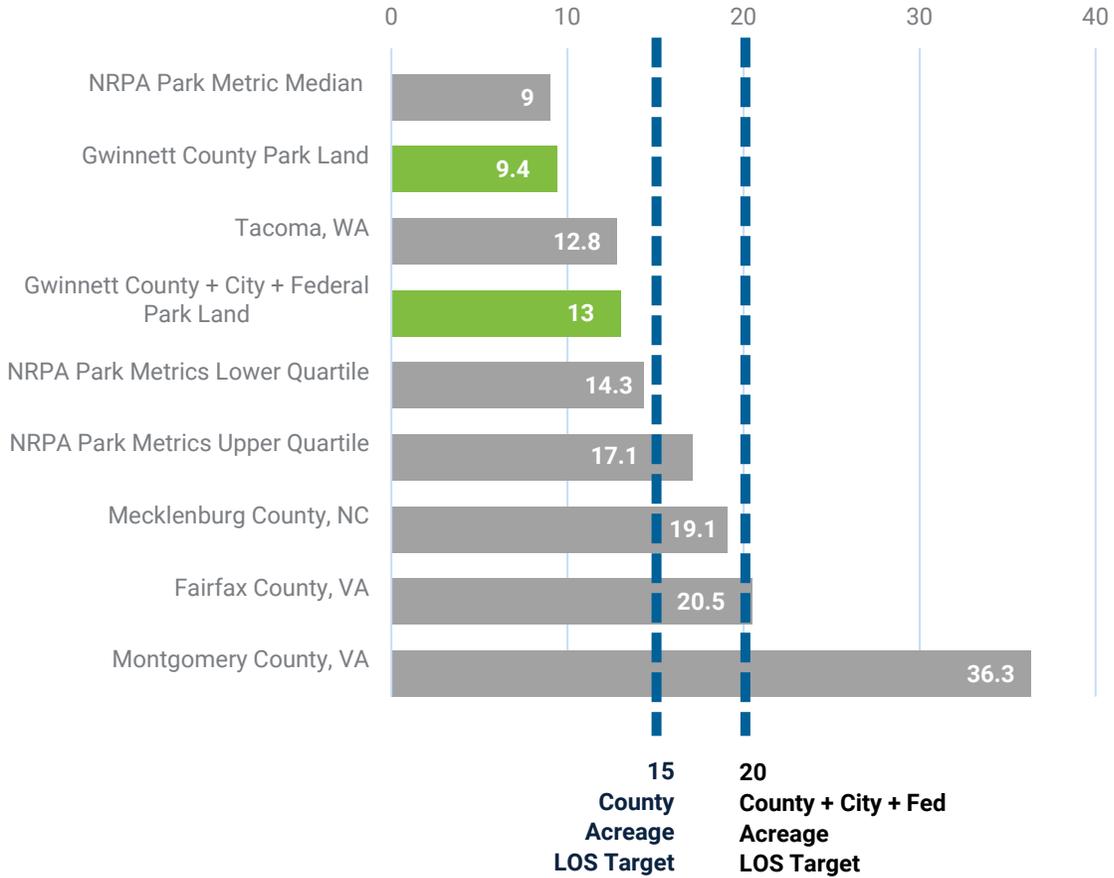
- County Park
- City Park
- Federal Park
- City Limit
- Non-Residential Area
- Major Road
- RPD



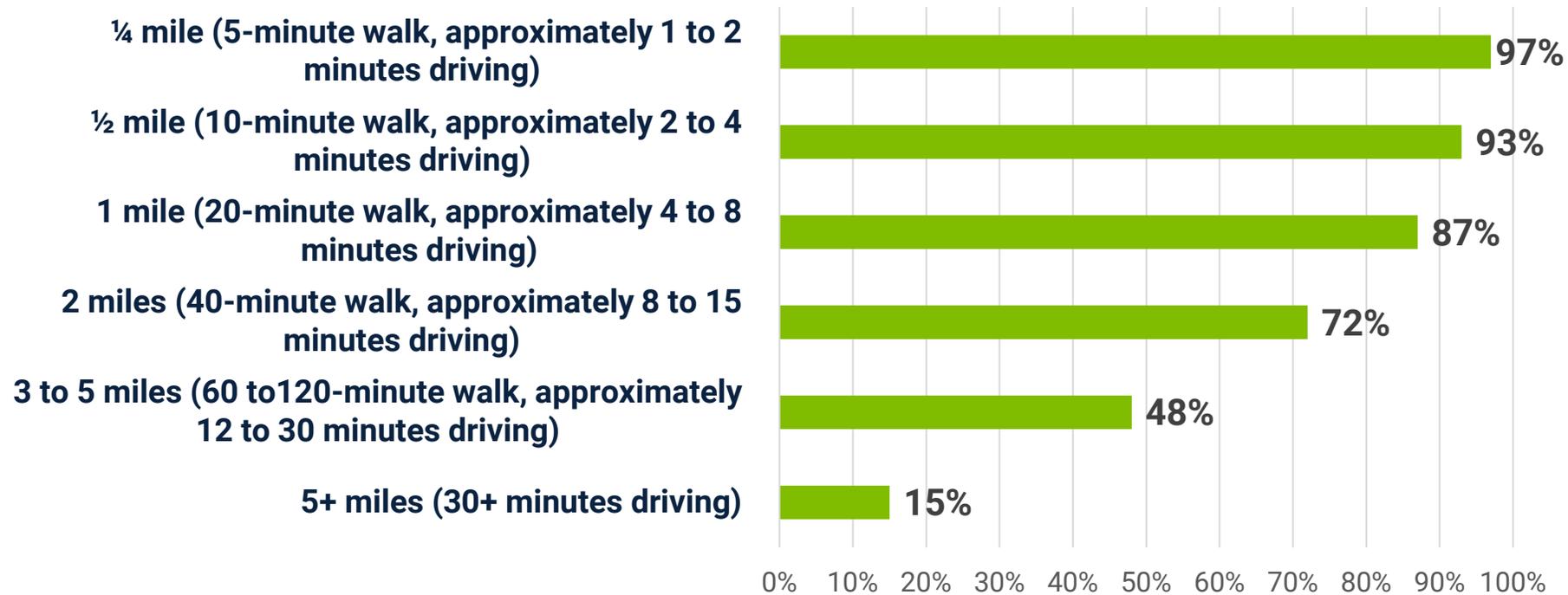
Access Level of Service (LOS) Legend

- County
 - City
 - Federal
- 1 Mile

2020 Acreage Level of Service (Acres per 1,000 residents)



Maximum Amount of Time to Travel to Parks and Recreation Facilities, Programs, and Activities



Prioritize Programs and Facilities

Activities

- Adult fitness and wellness
- Senior leisure programs
- Nature and stewardship programs

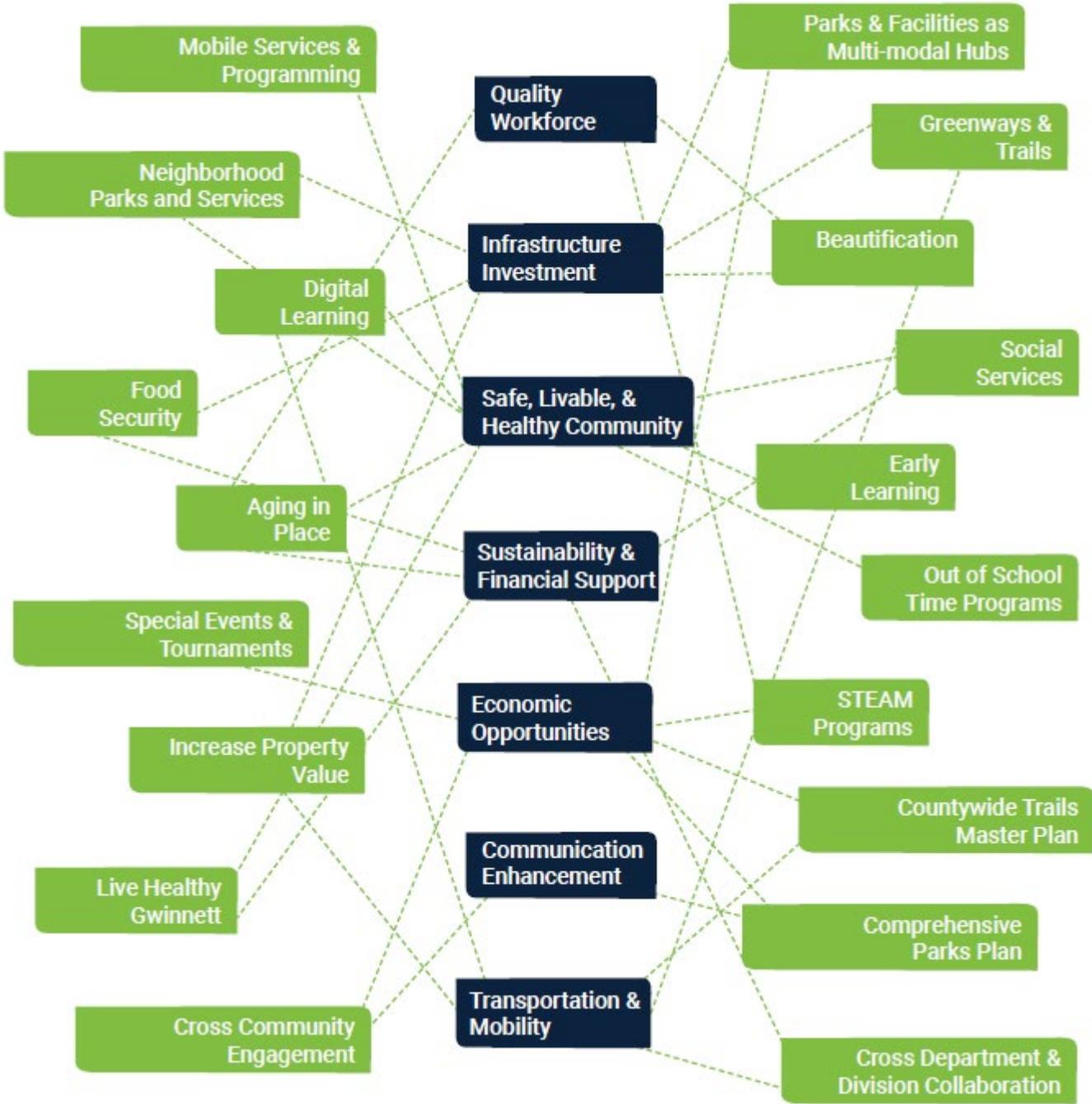
Amenities

- Paved multi-purpose trails and sidewalks
- Conservation areas and nature preserves
- Unpaved walking and hiking trails
- Community gardens and food forests
- Indoor pools
- Senior centers
- Dog parks
- Outdoor exercise stations

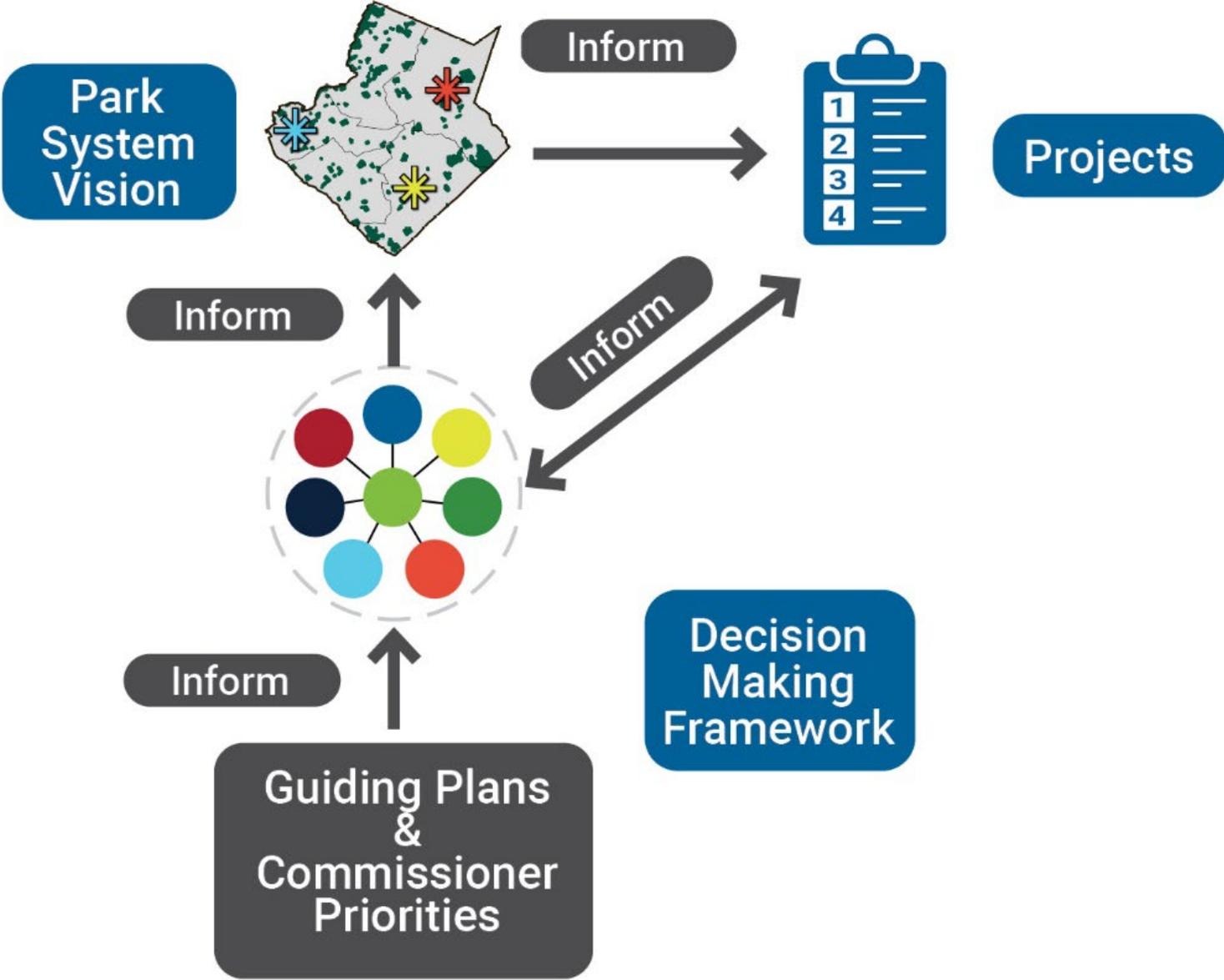
So, what's next?



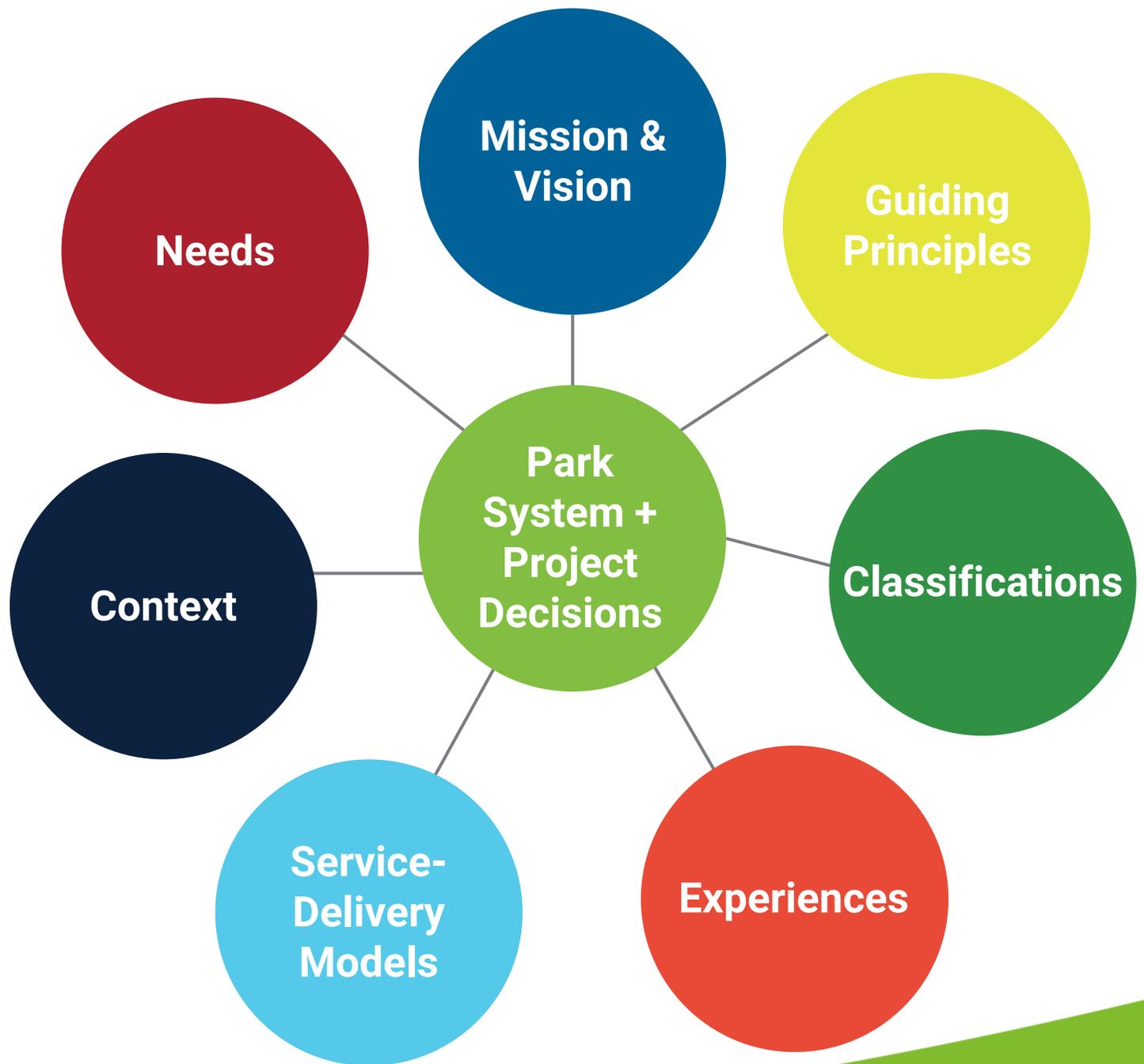
Commission Priorities



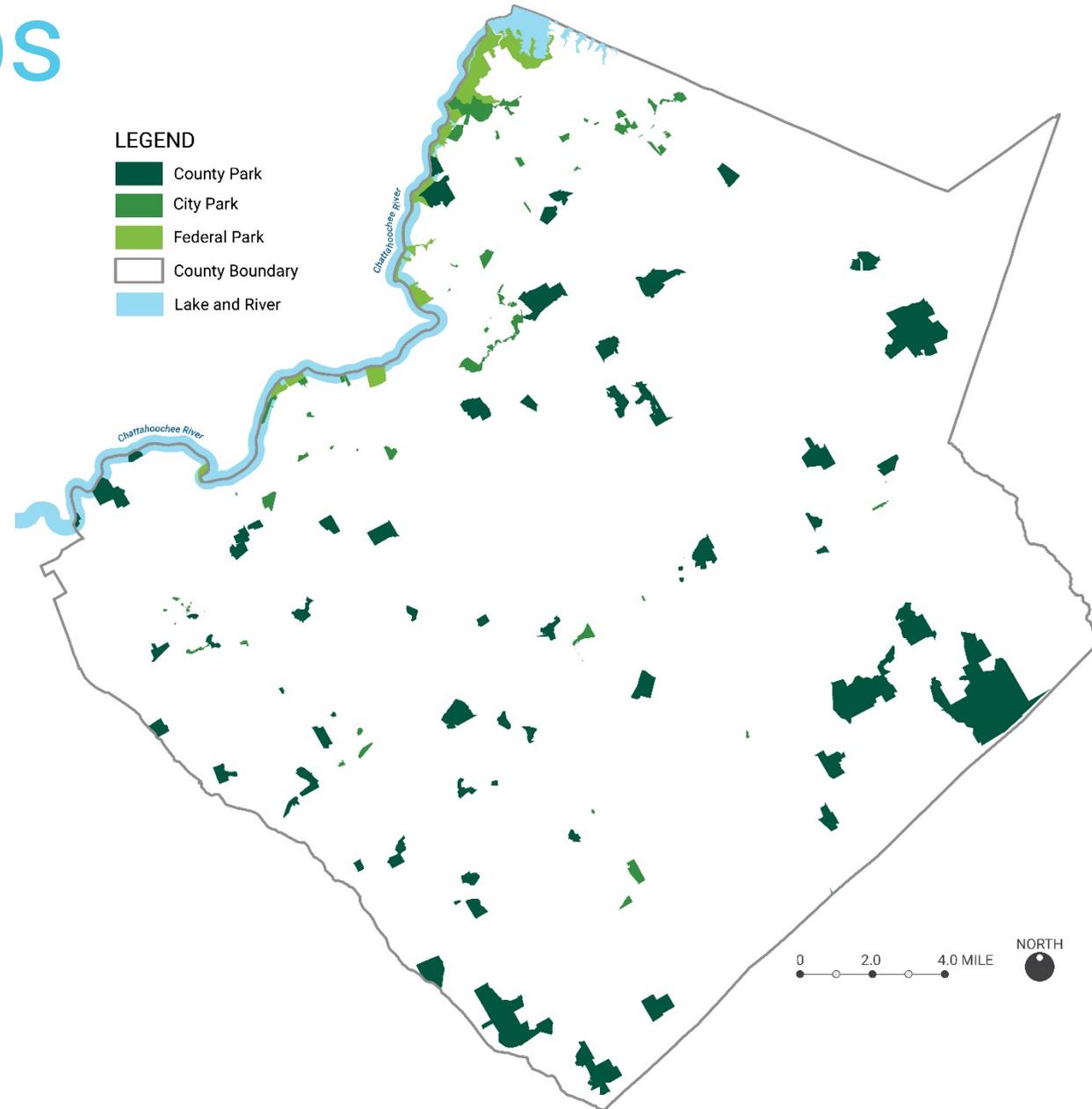
Decision Making Framework

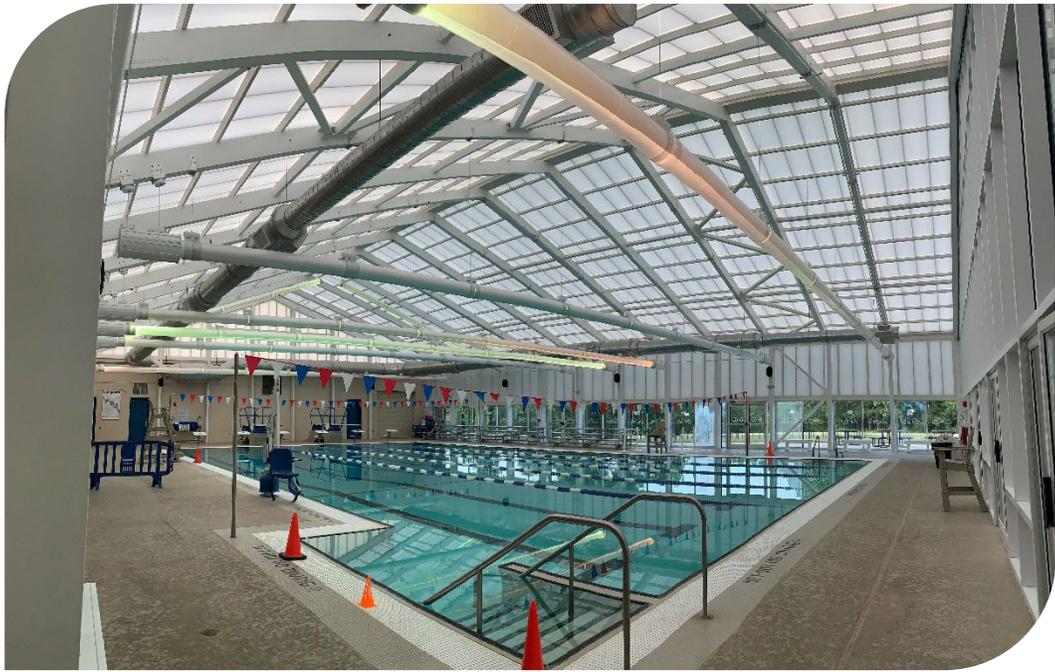


Decision Making Framework

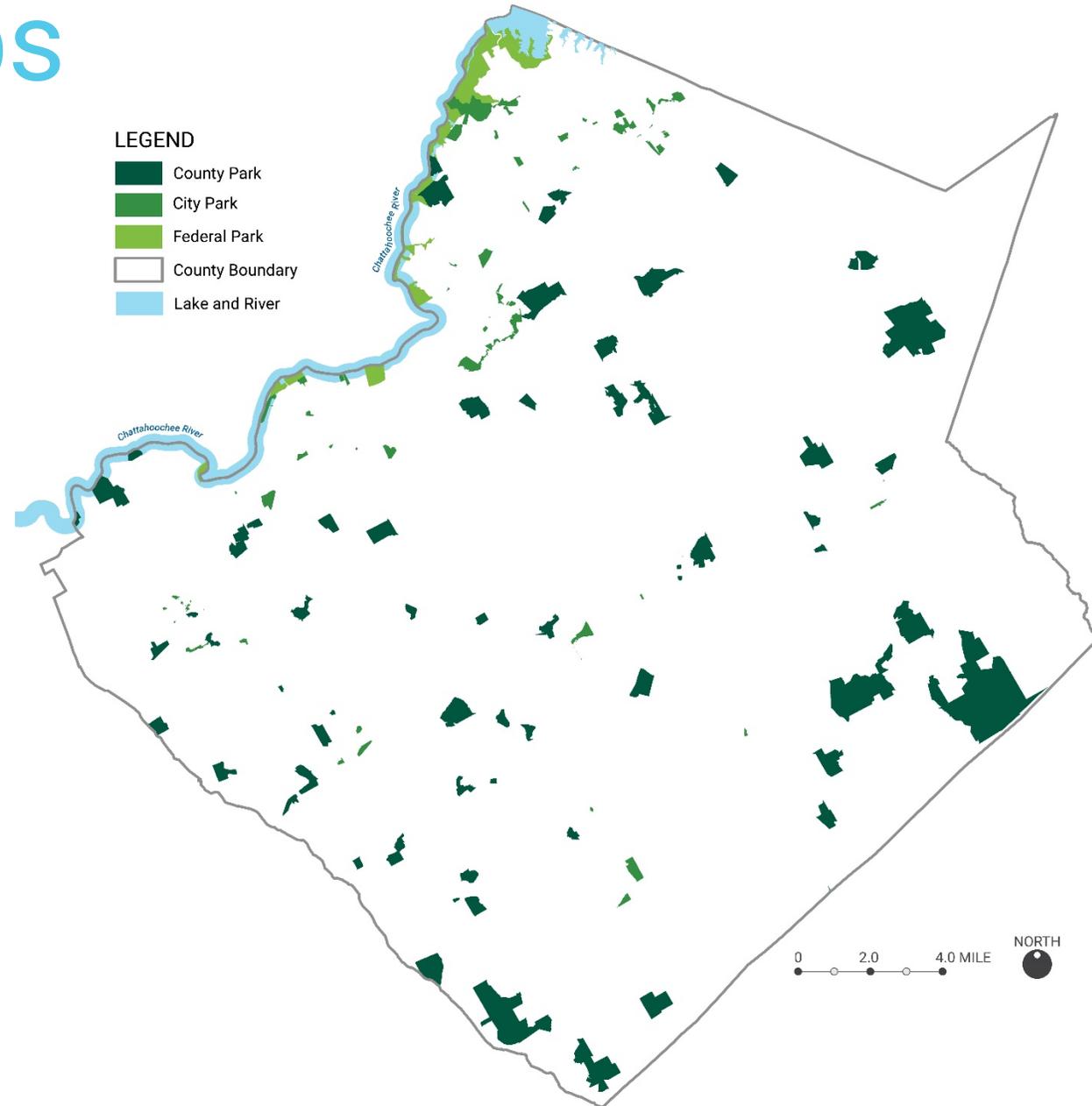


Park Hubs

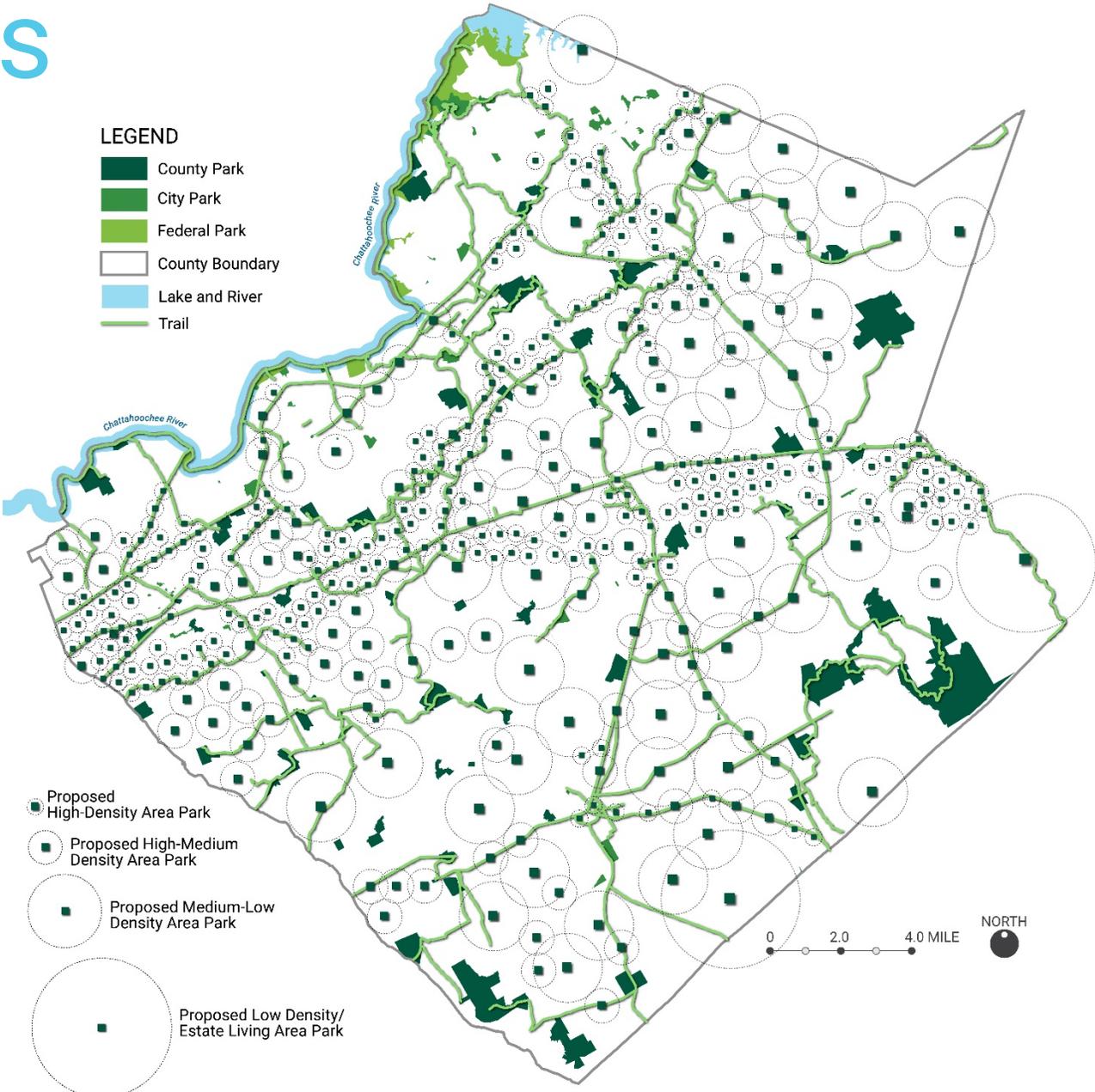




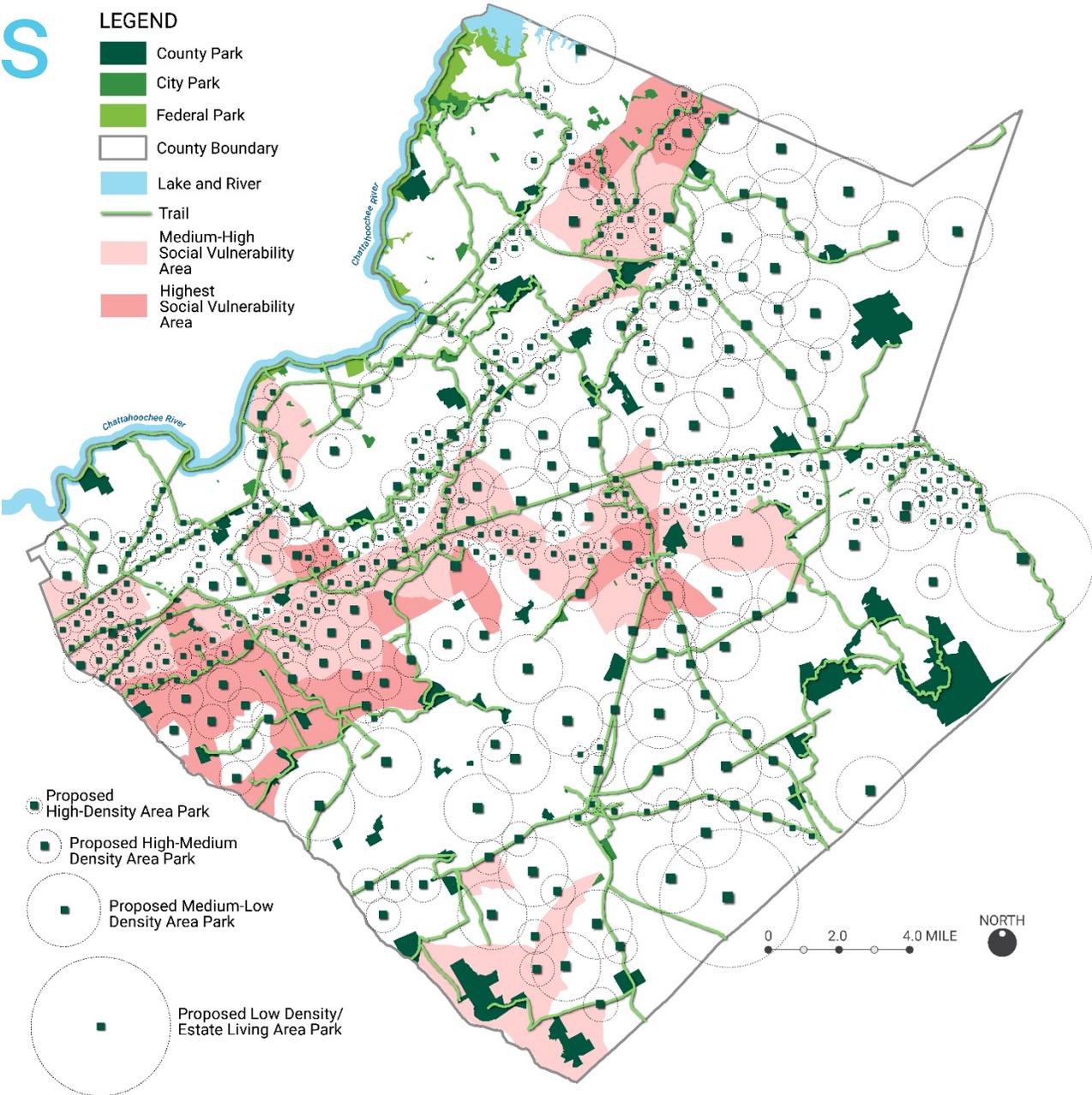
Park Hubs



Park Hubs & Spokes



Park Hubs & Spokes











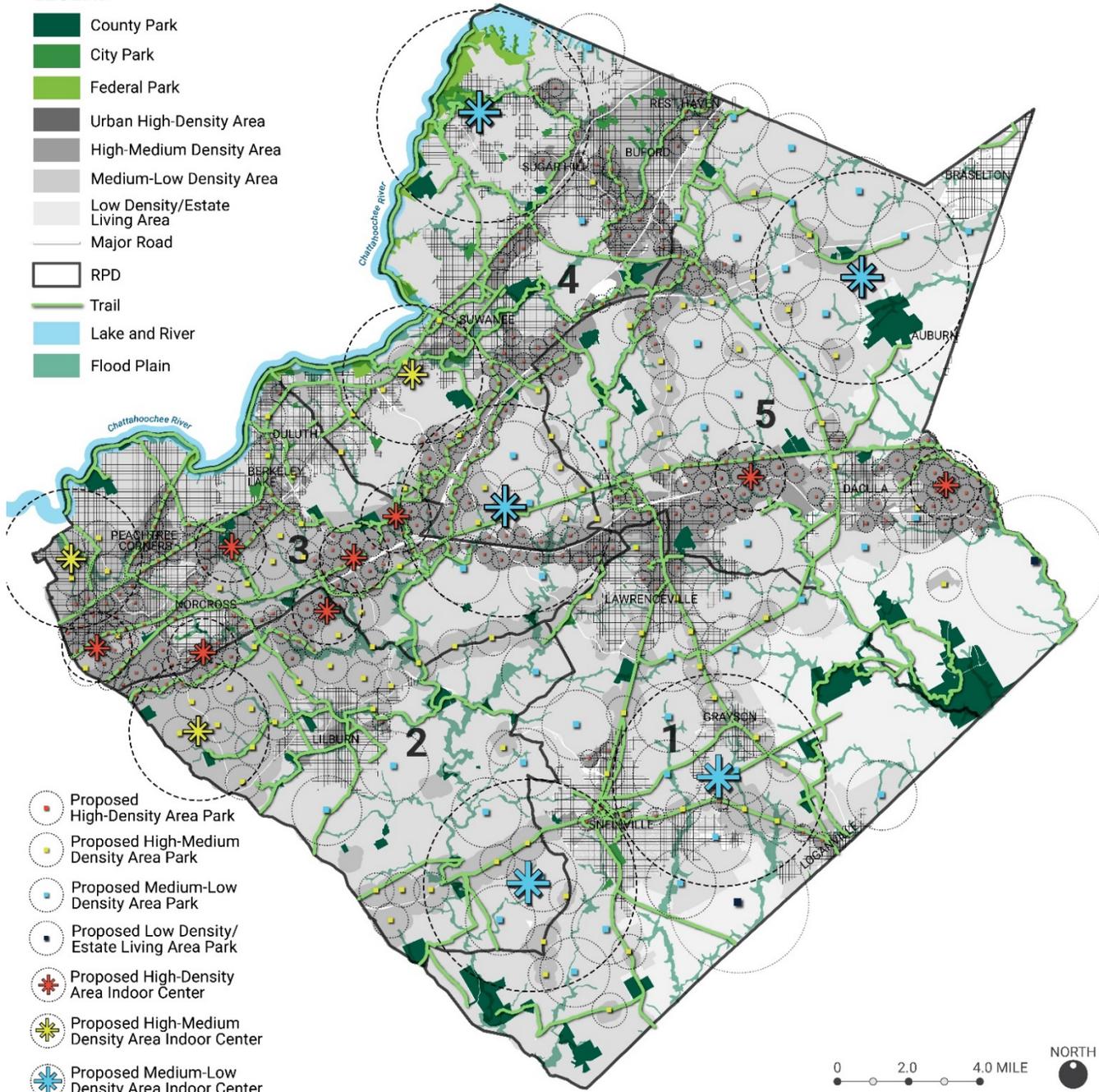




PORCH RULES
TAKE A NAT
SIP A DRINK  GATHER WITH LOVED ONES
feel the warm breeze
RELAX
FORGET YOUR WORRIES
enjoy a good book
SHARE STORIES
LISTEN TO THE BIRDS

LEGEND

- County Park
- City Park
- Federal Park
- Urban High-Density Area
- High-Medium Density Area
- Medium-Low Density Area
- Low Density/Estate Living Area
- Major Road
- RPD
- Trail
- Lake and River
- Flood Plain



- Proposed High-Density Area Park
- Proposed High-Medium Density Area Park
- Proposed Medium-Low Density Area Park
- Proposed Low Density/Estate Living Area Park
- Proposed High-Density Area Indoor Center
- Proposed High-Medium Density Area Indoor Center
- Proposed Medium-Low Density Area Indoor Center

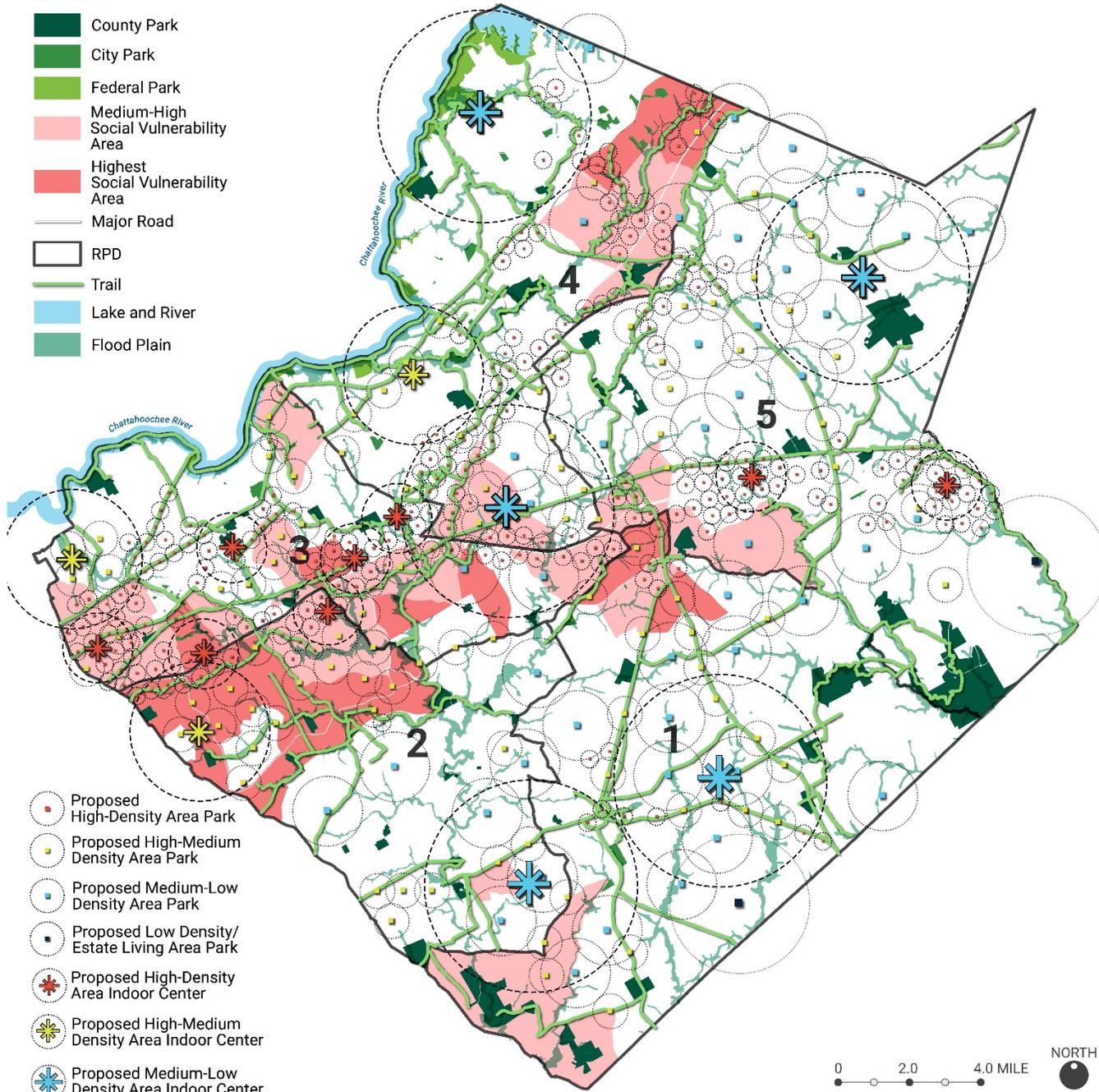


Gwinnett Parks and Recreation Long-Range Vision



LEGEND

- County Park
- City Park
- Federal Park
- Medium-High Social Vulnerability Area
- Highest Social Vulnerability Area
- Major Road
- RPD
- Trail
- Lake and River
- Flood Plain



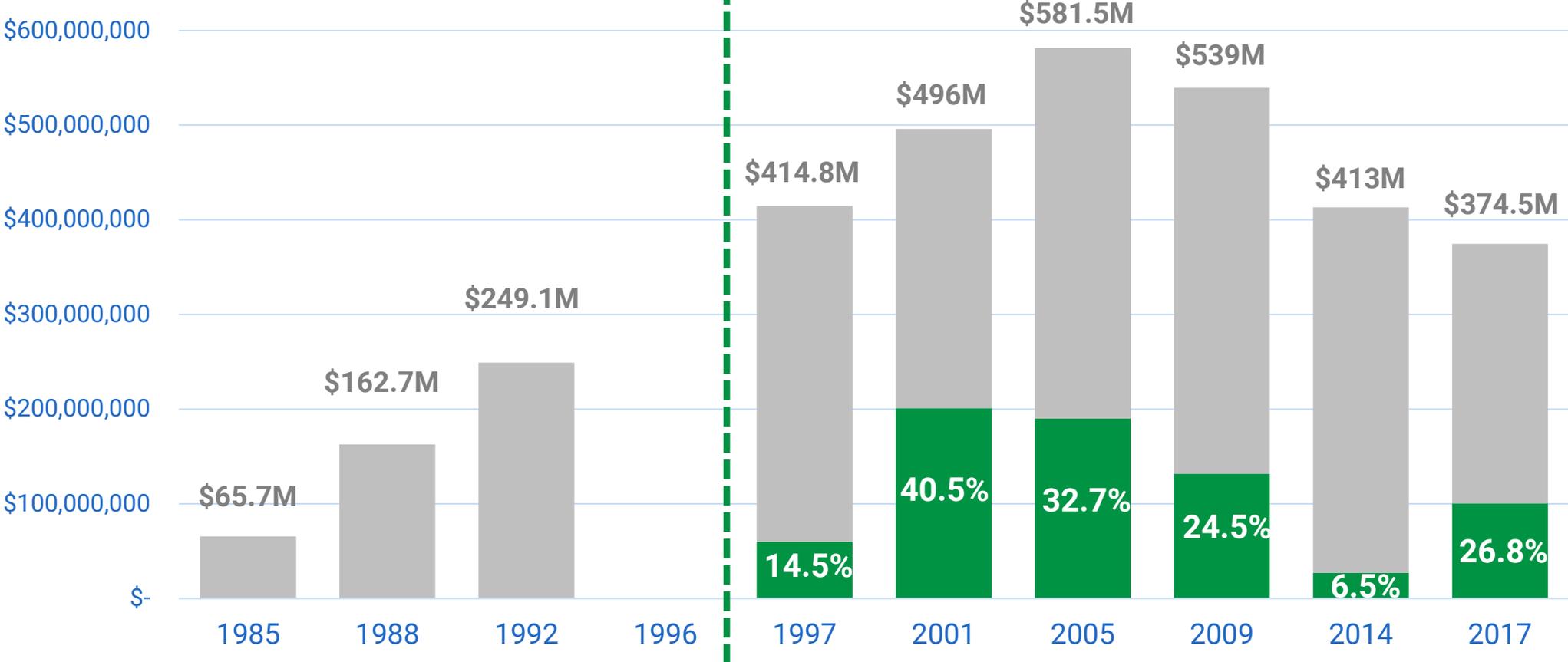
- Proposed High-Density Area Park
- Proposed High-Medium Density Area Park
- Proposed Medium-Low Density Area Park
- Proposed Low Density/ Estate Living Area Park
- Proposed High-Density Area Indoor Center
- Proposed High-Medium Density Area Indoor Center
- Proposed Medium-Low Density Area Indoor Center

Gwinnett Parks and Recreation Long-Range Vision



SPLOST

\$703.1 M for Parks (25.2%)



Recreation Fund Proforma



Finance Recommendations

- Recognize the value and importance of SPLOST
- Leverage SPLOST and Recreation Tax with alternative funding mechanisms and service delivery models
- Complete feasibility studies and business plans that leverage public funding



Asset Management Recommendations

- Develop asset management to cover all elements of cost and replacement
- Incorporate updated design standards with environmental stewardship and sustainability focus
- Continue technology improvements to save operational dollars



Programming Recommendations

- Develop Core Program Area Business Plans
- Ensure that programming and staffing reflect the community they serve
- Focus on inclusion by engaging all diverse audiences



Programming Recommendations

- Continue to invest in and expand hybrid program partnerships along with mobile services
- Invest in technology
- Create a continual and intentional community dialogue



Park Recommendations

- Develop Capital Improvement Plan informed by Parks and Recreation Master Plan findings
- Update Park Site Master Plans utilizing public engagement
- Define and manage park and resource areas to sustainable Desired Future Conditions



Marketing Recommendations

- Invest in higher ROI marketing and communication strategies
- Focus on experiences and benefits of visiting Gwinnett Parks and Recreation
- Continue building relationships with multicultural communities, and provide related events and historical and cultural programming



2020 RAB CIP Process

1. Develop prioritization goals and weighting (August)
2. Review and score project list (September)
3. Allocate/purchase projects based on:
 - CIP funding tiers
 - Project funding categories (October)



Allocate/Purchase Projects (October)

Tier 1	Tier 2	Tier 3
\$50,000,000	\$125,000,000	\$175,000,000

Allocate/Purchase Projects

Project Funding Category	Amount	Tier 1 \$50 Million	Tier 2 \$125 Million	Tier 3 \$175 Million
Asset Management	\$30 Million	\$30 Million	\$30 Million	\$30 Million
Remaining SPLOST Dollars		\$20 Million	\$95 Million	\$145 Million
Trail Implementation	37%	2017 CIP Projects	\$35.15 Million	\$53.65 Million
Park Expansion/New Park Construction	25%		\$23.75 Million	\$36.25 Million
Land Acquisition	22%		\$20.9 Million	\$31.9 Million
Resource Area Protection	16%		\$15.2 Million	\$23.2 Million
Total	100%	\$50 Million	\$125 Million	\$ 175 Million

Questions?





2020 Comprehensive Parks & Recreation Master Plan

**Final Presentation
Department of Community Services Division
Directors Presentation | August 13, 2021**

Green Building and Energy Sub-Team

David Mogge

Deputy Director, Department of Support Services



Gwinnett

Technical Focus

- Green Building (Vertical Assets)
- Energy Conservation and Efficiency
- Green Power

Team Composition

- 10 Staff Members
- Lead Department: Support Services
- Stakeholder Departments:
 - Water Resources
 - Transportation
 - Planning & Development
 - Financial Services
 - Community Services



Green Building

- LEED Policy for New Construction
 - 7 LEED Buildings since 2007
 - 5 LEED Buildings pending application approval/under contract
- Development Initiative - Green Building & Solar Incentives

Energy Efficiency & Green Power



- Energy Audits
- Lighting Efficiencies
- Cool Roofs
- Community Energy Codes
- Gas to Energy

What is next? What are we looking at?

- Expand Green Building Policy
- Establish Energy Reduction Goals
 - Operational Opportunities
 - Capital Improvements
- Look for opportunities for Green Power

Questions?



Water Efficiency Sub-team



Who are we?



What are we doing?

Current policies:

- High efficiency plumbing fixtures
- Water efficient landscape design
- Car wash recycling

What are we doing?

Current practices:

- Water recycling and reuse at water facilities
- Green power at F. Wayne Hill
- Monthly bill checks

What are we doing?

Current programs:

- Watershed Improvement Program
 - Green infrastructure
 - Stream restoration
- Monthly water distribution audit
- Stormwater Utility credits

What are we doing?

Current programs:

- Adopt-a-Stream
 - Citizen science
 - Storm drain marking
 - Stream cleanups
- Water on Wheels
- Leak detection kits and toilet rebates

Where do we go from here?



Reduce water loss

- Install infrastructure upgrades
- Implement new technologies

Increase water conservation

- Plumbing fixture upgrades
- Irrigation and landscaping improvements

Improve bill affordability

- Leak detection information
- Robust education program



QUESTIONS?