

PARKS MASTER PLAN UPDATE



Prepared by:



November
2016





The City of Norcross, Georgia

Parks Master Plan Update

November 2016

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Acknowledgements

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Lose & Associates, Inc., is a multi-disciplinary design firm with offices in Nashville, Tennessee and Lawrenceville, Georgia. Our firm, which specializes in park and recreation planning, was selected to conduct this master plan update. Throughout the Parks Master Plan Update, the Lose & Associates team is also referred to as the researchers and/or the planning team.



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Executive Summary

The 2016 Parks Master Plan Update has been prepared to provide the City of Norcross a guide for parks and recreation throughout the City's current boundaries. Lose & Associates, using the adopted 2011 Parks Master Plan, public input, demographics, and national standards, developed this plan as an update to the 2011 Plan in order to incorporate the additional population and service area as a result of annexations by the city.

Following adoption of the 2011 Parks Master Plan, the City of Norcross annexed approximately 2.1 square miles, generally southeast of the-then city boundaries. The annexations contributed to an approximate 40% increase in the city's population, more than 6,600 additional residents. The city's demographic fabric changed with the new population, with a younger, more ethnically and racially diverse population. It was determined that an update to the 2011 Plan was necessary in order to address the parks and recreation needs of a population not previously planned for in the 2011 Plan.

The 2016 Parks Master Plan Update applies the priorities and facility recommendations of the 2011 Master Plan to the southern annexed area and identifies gaps in service that exist in the area. The purpose of the Master Plan Update is not to make changes to or re-assess the priorities and recommendations that were established in 2011. The plan does, however, apply cost estimates for completion of the 2011 facility recommendations, as well as the new facility recommendations of the Master Plan Update.

The 2011 Plan identified as its top five priorities 1) parkland in the southeast; 2) connectivity; 3) soccer fields/informal play fields; 4) play facilities; and 5) picnic facilities and passive recreation. Additionally, the plan identified specific outdoor facility targets for the community, and identified recommendations for improvements in each of the existing parks. Since the adoption of the 2011 plan, the city has completed several of the recommendations for existing parks. The Summerour Park, with a playground and soccer field has been constructed, and the first phase of the Discovery Garden Park has been completed.

Public meeting and an on-line public input survey provided opportunities for individuals to convey they desires for parks and recreation priorities in Norcross, and for the planning team to compare the community's priorities of 2016 compared to 2011. There remains support for the facility priorities established in the 2011 plan. However, there is also interest in greenways and trails to be incorporated into the parks system. Survey respondents expressed pleasure with the services provided by the Parks and Recreation Department, and they clearly see the importance of parks to a community.



A review of the city's current park facilities and the 2011 adopted outdoor facility targets for parks and recreation shows a deficit of facilities and park space for the city's current population. Deficits exist in the amount of park acreage, and the numbers of informal playfields, basketball courts, community gardens, and playgrounds. The deficits will increase with a growing population unless new facilities are constructed. Additionally, a service area analysis, or gap analysis, of the city's existing parks shows there are service gaps in city parks available to residents in the study area. While the city currently owns two undeveloped parcels that, if developed, begin to close the gaps in service to these residents. To remedy the service gaps and facility deficits, the plan recommends the development of several new parks in the study area.

The 2016 Parks Master Plan Update recommends the following:

- **Implement the Pinnacle Park Master Plan:** The city adopted a master plan for the development of a 17-acre park. This park will be located in the city's southeast section of Norcross, where no park facilities currently exist. Implementing the adopted plan, and incorporating an informal playfield and playground area will help the city to begin to mitigate the facility deficits.
- **Develop two new neighborhood parks:** These parks should be located on parcels that are large enough to accommodate the deficit facilities, including playgrounds, playfields, and basketball courts, as well as associated park amenities such as restrooms, pavilions, parking and park furnishings. These parks should be located in areas in the city's southern area where gaps in service exist.
- **Develop a new mini park on the Margeson Parcel:** The Margeson parcel was acquired by the City of Norcross in 2014. While much of this parcel is not usable as parkspace, there is room to accommodate a small passive facility for a playground and pavilion to serve the area neighborhoods.
- **Examine the Fickling Parcel for a Park Site:** Located on the city's north side, this parcel was identified in the 2011 plan as a potential park site to include play areas and other park amenities.
- **Complete the individual park recommendations of the 2011 Parks Master Plan:** A series of recommendations for each of the city parks was included in the 2011 plan. While a number of the recommendations have been implemented, the city should continue to implement the remaining recommendations.
- **Implement the various greenway plans for increased connectivity within the city for bicycles and pedestrians.** Several plans adopted by the city include greenways and trails for connectivity of the city's parks, community destinations and neighborhoods. The city should begin to implement these plans.

A 10-year spending plan presented in the 2016 Parks Master Plan Update provides a guide to implement the recommendations. Funding for parks and recreation facilities will need to be determined by the elected officials. Of the on-line survey respondents, 43.2% indicated a willingness to spend \$15 or less per month for creation services, yet support for funding parks and recreation facilities was mixed.





Section 1: Introduction and Community Profile

The City of Norcross adopted a Parks Master Plan in 2011 to develop a vision for future parks improvements, uses, acquisitions, and the planning of parks and greenspace projects for the City. The existing park system was analyzed and recommendations were made to address deficiencies and recreational needs based on feedback from the Norcross residents. The 2011 Parks Master Plan recommended the following as the top priorities for the City to focus: parkland southeast of Buford Highway; connectivity to all parks and recreational facilities in the city; additional soccer fields within Norcross; play facilities within easy walking distance of homes; picnic facilities and passive recreational areas in new parks and existing parks.

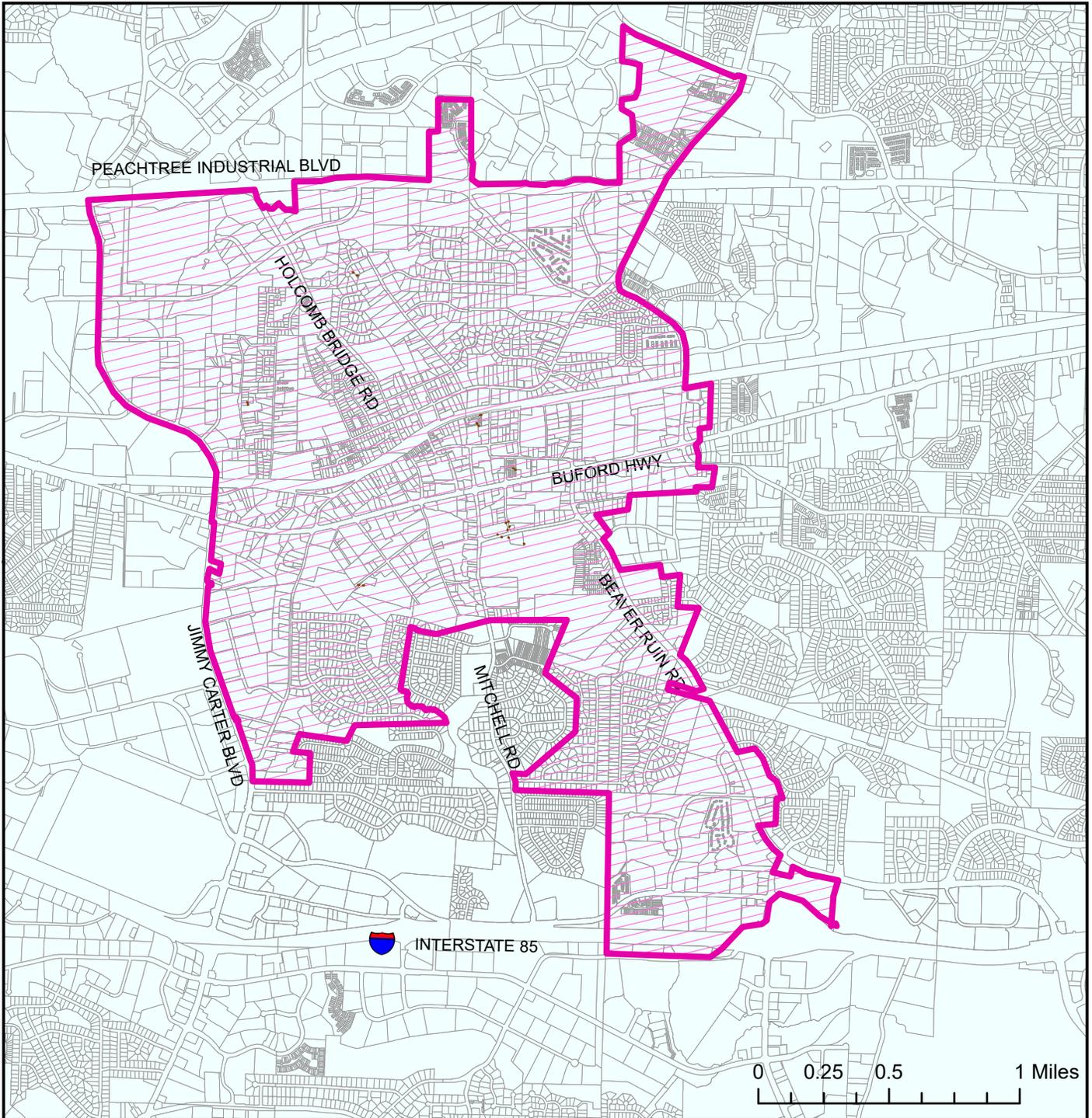
Since the adoption of the Parks Master Plan, the City of Norcross completed several annexations in 2011 and 2012, taking in 2.1 square miles of land. The largest of the areas that was annexed was located in the southern portion of the city, and situated east of Jimmy Carter Boulevard, north of I-85 and to the west of Beaver Ruin Road, as well as a smaller area south of Beaver Ruin Road, and north of I-85. Most of the land is developed residential property. Other annexations in the northern part of the city also occurred, but these were either non-residential land uses, or a small number of residents annexed. The annexations resulted in a dramatic increase to the city's population. As such, due to the annexations, the City determined that an update to the 2011 plan was necessary in order to evaluate the existing parks facilities in the newly annexed areas, and to determine the level of service that is required by those areas.

The purpose of this 2016 Master Plan Update is to apply the recommendations of the 2011 Master Plan to the southern annexed areas and determine the level of service that is required by those areas, while still in keeping with the original Master Plan. The priorities of the 2011 Master Plan and facility targets that were established in that plan were applied to the newly annexed areas. Community input helped to guide the process in identifying the priorities and facilities desired for the area. This Master Plan Update is not intended to make changes to the priorities and recommendations of the 2011 Master Plan.

Population and Overview of the 2012 Annexed Areas

The annexations resulted in an increase of 2.1 square miles of land to the city's boundaries. **Figures 1.1 and 1.2** show the city's boundaries before and after the annexations. The 2010





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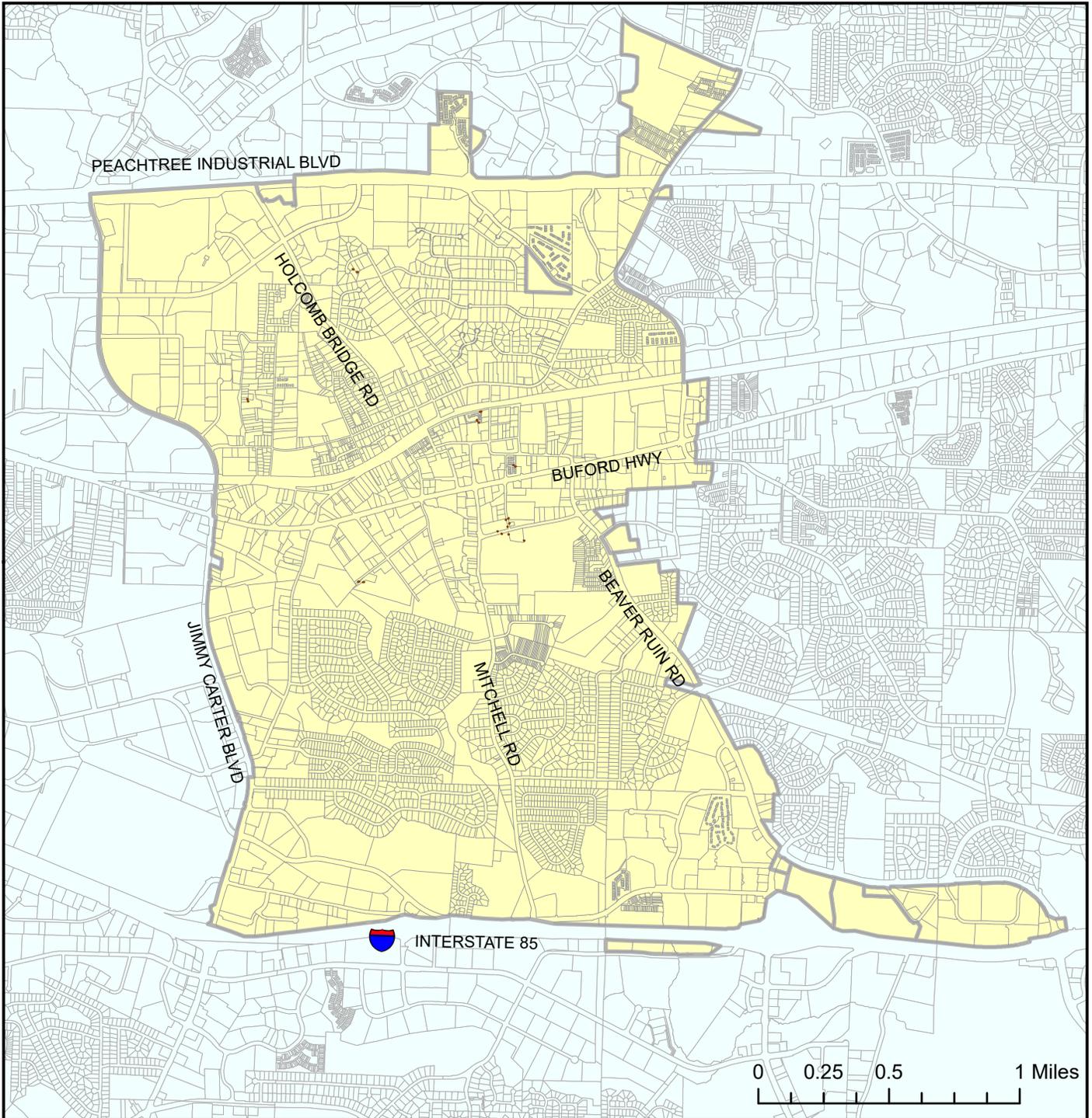
Former City Boundary

Source: City of Norcross



2016 Parks Master Plan Update
 Figure 1.1 Former City Boundary

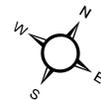




Legend

 Current City Boundary

Source: City of Norcross



2016 Parks Master Plan Update
 Figure 1.2 Current City Boundary



US Census revealed a population of 9,116 residents in the city limits of Norcross, prior to the most recent annexations. Counting the census tracts of the 2010 Census, the population of Norcross increased to 14,984, an increase of approximately 40%. More recent 5-year estimates of the American Community Survey, distributed in 2015, indicate a population of 15,799.

The annexation area with the greatest number of residents is along the city's south boundary. This primarily residential area brought an increase of over 5,000 residents to the city's population.

Current and Projected Population

The 2015 population estimates of 15,799 represent an approximate 40% increase in the city's population since the 2010 US Census. This increase is greatly attributed to the 2011 annexations. The 2034 Comprehensive Plan anticipates the City of Norcross to grow to approximately 20,300 residents in Norcross by the year 2034, an average growth rate of approximately 1.2% per year.

Age

The median age of residents in the 2011 Parks Master Plan was estimated at 33 years (2008 estimates). The most recent US Census Bureau estimates are that the median age is 31.8 years. This indicates the city's population is getting younger, which will need to be addressed by parks needs. The chart below illustrates the age distribution of the southern annexed area, based on the 2010 US Census, and provides an overview of the 2014 American Community Survey estimates of the entire city. Reviewing the two side-by-side shows a younger population in the southern annexed area, compared with the overall age cohorts of the whole city.

Table 1.1: Age Group Comparison

Age Cohort	Southern Annexation Area 2010		City of Norcross 2014 Estimates	
	NO. PERSONS	% OF AREA POPULATION	NO. PERSONS	% OF TOTAL POPULATION
Under 5	635	11.6%	1,297	8.2%
5 to 9	461	8.4%	1,616	10.2%
10 to 14	386	7.0%	1,454	9.2%
15 to 19	357	6.4%	1,127	7.1%
20 to 24	551	10.0%	704	4.5%
25 to 34	1,182	21.5%	2,863	18.1%
35 to 44	902	16.4%	3,287	20.8%
45 to 54	565	10.3%	1,735	11.0%
55 to 59	187	3.4%	515	3.3%
60 to 64	138	2.5%	448	2.8%
65 to 74	100	1.8%	564	3.6%
75 to 84	28	0.5%	143	0.9%
85 and over	5	0.1%	46	0.3%

Source: US Census Bureau 2010 Census and American Community Survey 2014, 5 year estimates



Household Size

The size of households in Norcross has shifted with the annexations. The 2010 Census showed an average household size of 2.7 persons per household for the Norcross boundary at the time. The 2014 US Census Bureau estimates show the city's current estimated household size has increased to 3.2 persons. Considering this, the parks plans should consider larger households in the planning efforts in the newly annexed areas.

Race and Ethnicity

The City of Norcross continues to be a culturally diverse community, with 60% of its residents identifying as a race other than white, including 13.4% Asian, 18.8% Black or African American, and 26.1% as "other." Forty-seven percent of residents are of Hispanic descent, an increase from 2010, when 39.4% of the community was Hispanic. **Table 1.2** documents the changes to the racial and ethnic makeup from 2010 to 2014.

Table1.2: Race and Ethnicity Comparison, 2010 and 2014

RACE	Norcross 2010 Census		Norcross 2014 Estimates	
	NUMBER OF RESIDENTS	% OF POPULATION	NUMBER OF RESIDENTS	% OF POPULATION
White	3,722	40.8%	6,325	40.0%
Black or African American	1,801	19.8%	2,963	18.8%
American Indian and Alaska Native	60	0.7%	58	0.4%
Asian	1,167	12.8%	2,110	13.4%
Native Hawaiian and Other Pacific	11	0.1%	0	0.0%
Some Other Race	1,960	21.5%	4,130	26.1%
Two or More Races	395	4.3%	213	1.3%
Hispanic or Latino	3,591	39.4%	7,425	47%
Non-Hispanic or Latino	5,525	60.6%	8,374	53%

Source: US Census Bureau 2010 Census and American Community Survey 2014, 5 year estimates

The 2014 estimates also show that there is diversity in the languages spoken at home in Norcross's population. Those persons speaking only English comprise 41.7% of the population, with the remaining speaking Spanish (44.6%), Asian (9.1%), and other (4.6%). The percentage of those currently speaking a language other than English is greater than that of the 2010 US Census. This indicates that there may be a higher percentage of residents in the newly annexed areas that speak a language other than English.



Median Income

Norcross has seen a decline in the median household incomes since the 2010 US Census. 2014 American Community Survey estimates show that the community has a household median income of \$39,436, below the \$44,728 household income of the 2010 US Census. Gwinnett County has also seen a slight decline in household median income from \$60,537 in 2010 to \$60,329 in 2014, although the nation has seen an increase in incomes.

Table 1.3: Median Household Incomes

Community	Median Household Income 2010 Census	Median Household Income 2014 Estimate
Norcross	\$44,728	\$39,436
Gwinnett County	\$60,537	\$60,329
United States	\$41,994	\$53,482

Source: US Census Bureau 2010 Census and American Community Survey 2014, 5 year estimates

Land Use

Newly annexed areas have been identified in the 2034 Comprehensive Plan as being predominantly parts of the Mitchell Road Neighborhoods, Jimmy Carter Blvd/Brook Hollow Activity Center, and the Beaver Ruin/Indian Trail Activity Center. Other smaller areas that were annexed are parts of the Summerour Middle School and the Norcross High School areas on the Future Development Map.

It is important to the discussion to identify the types of land uses that are anticipated in these areas, and how the planned land uses will impact the needs of the parks facilities in the future. The current Parks Master Plan provides an overview of each of the land use types.

Plans adopted or Initiated Since 2011 Parks Master Plan

Gwinnett County Open Space and Greenways Plan Update

In 2014, Gwinnett County adopted an update to the Open Space and Greenways Plan, which serves to plan for connected greenways and trails through the development of a county-wide greenway system. A number of proposed trails are located within Norcross's city boundaries and connect to existing City park facilities. Those proposed trails are illustrated on **Figure 3.4**.

LCI Greenway Concept Study

The City of Norcross adopted the LCI Greenway Concept Study in 2016. This plan integrated stormwater improvements with a proposed bicycle and pedestrian network for the south side of Norcross. The plan includes on and off-road bicycle facilities, sidewalks, stream restoration projects, and shared-use trails to connect the city's parks, neighborhoods and community destinations. The greenway is illustrated on the connectivity plan in **Figure 3.4**.



Certified Green Community

The Atlanta Regional Commission (ARC) recognized Norcross as a Certified Green Community in 2011, earning silver level certification that year. The city has since earned gold certification in 2011 and was re-certified with gold certification in 2015. The Green Communities Program is a voluntary certification program for jurisdictions to encourage local governments to become more sustainable. Communities can earn certification by achieving certain benchmarks in the implementation of specific policies and practices that contribute to overall sustainability. Categories that are evaluated include trees and greenspace, land use, green building, transportation, energy efficiency, recycling and waste reduction, and education.

While one of the benchmarks of the certification is to ensure that all residents live within a ½-mile walking distance to a park, it is noted that not all of the park space considered in the certification is owned by the City. Therefore, while the city commended for its recognition and efforts, for this purposes of this Parks Master Plan Update, only City and County-owned properties are being considered. This is due to ownership and accessibility of public lands, compared with private lands. Private lands are not accessible to the general public and have the potential to change hands more readily than public lands. This Parks Master Plan Update considers lands that provide for the necessary recreational activities for all of Norcross' residents throughout the city.





Section 2: Public Input

Civic Engagement is a critical component in developing a comprehensive parks and recreation master plan. Such engagement provides the community an opportunity to engage with the planning process, make requests and desires known for facilities and programs that a parks department delivers, as they are ultimately the end-users of the facilities and programs. Civic engagement also allows for city leaders to learn more about the experiences of their residents with the parks department and in the parks. Various methods of input were used to gain the best understanding of the newly annexed area in the update to the 2011 Parks Master Plan. Those methods included community and steering committee meetings, and a community input survey.

The purpose of the public engagement processes held during this 2016 Parks Master Plan Update were to obtain feedback from the citizens about parks and facilities in the newly annexed areas. The goal was not to conduct a survey on city-wide parks and facilities, as a public input process was undertaken previously in the development of the 2011 Parks Master Plan.

The recommendations made in this Master Plan Update were driven by the input gathered during this process, as well as the recommendations of the 2011 Parks Master Plan. Quotes used in this section were selected from the comments in the on-line surveys and responses shared during the public meetings.

Steering Committee Meetings

Several members of the public were selected to serve on a steering committee for the 2016 Parks Master Plan Update. These individuals were selected because of their interest and participation with the parks department, including members from the 2011 Parks Master Plan steering committee. A meeting of the committee was held on February 9, 2016. At this meeting, the participants were asked to provide input on parks development in the study area. During that meeting, the following items were discussed:

- The Atlanta Regional Council (ARC) requirements to maintain the City's Green Community Certification need to be considered, specifically the requirement that each resident be within ½ mile radius of a City-owned park or open space
- Land acquisition for additional parks
- The need for connectivity and places for people to walk, run and bike
- Passive opportunities



- Need to determine how to reach the diverse population of Norcross. Some ethnic groups have not participated historically.

Other steering committee meetings were held on July 28, 2016 and October 21, 2016, where members of the planning team presented the plan's recommendations and draft for input.

Public Meeting

Another form of input used during the master plan process was to conduct an open community meeting where interested citizens had an opportunity to learn about the planning process and provide verbal and written feedback. That meeting was held on March 16, 2016, and more than 20 people were in attendance. A presentation was given that outlined the planning process for the update to the current Master Plan. Example images illustrating what modern parks and recreation agencies offer in terms of facilities were presented. Citizens were given the opportunity to engage in either open discussion or one-on-one discussion with members of the planning team. They were also provided the opportunity to provide written comments.

The following list is the recommendations that came from the discussion and comment cards.

- Make sure that new parks address the needs of older populations, rather than everything just for kids.
- Address maintenance in the CIP since SPLOST funds can't be used for O&M.
- Coordinate with the County's parks plans so that the recommendations in this plan aren't in conflict with the County's plans.
- Discussion about including the people that live in the newly annexed areas to be involved in the planning, and be able to have the opportunity to provide input. This population is a high Spanish speaking population, and there needs to be an outreach effort to include these residents.
- Build basketball courts, soccer fields, volleyball courts.
- Rock climbing
- More nature areas

Public Input Survey

An online community survey using Survey Monkey was launched on April 8, 2016, and closed May 8, 2016. A total of 64 individuals responded to the survey, which was presented in both English and Spanish. The survey link was posted on the City's website and Facebook pages. The survey contained questions assessing the Norcross's parks facilities, and asked several questions specifically about parks facilities in the newly annexed area. Questions assessed the community's desire for future facility development and possible

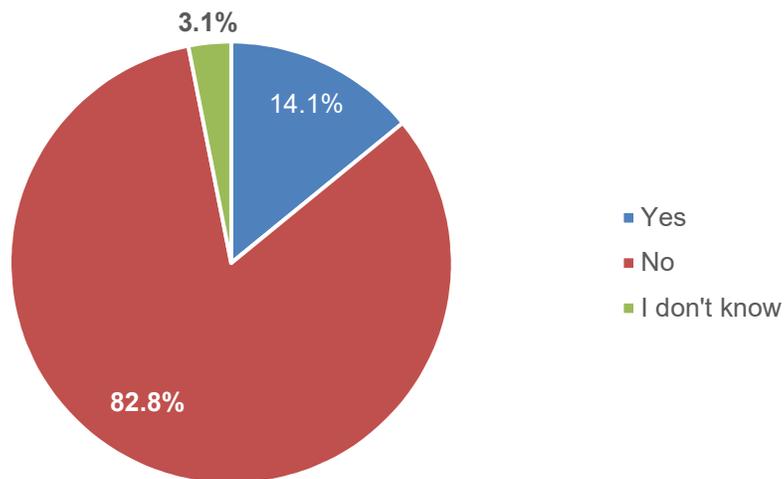


options for funding improvements. Survey results were intended to provide insight into the community's desires for public recreation.

The following charts and graphs illustrate some of the survey results and compare responses. Also included are selected comments from respondents. To see a copy of the survey questions, refer to **Appendix A.2**.

We first wanted to know how many respondents reside within the newly annexed area. We provided a map illustrating the area and asked respondents if they live in the area. Of those responding, only 14.1% of respondents (9) indicated that they live in the study area.

Figure 2.1: Survey respondents who live in the study area



Program and Activity Participation

In order to find out what programs and activities respondents prefer and which ones they would like to participate in, we asked a series of questions that listed programs and activities typically offered by parks and recreation departments. The programs and activities were classified into several categories: youth, adult, active adult (55 and over), and special events, classes and general park activities. Participants were asked to select programs and activities that they or their family members have and/or would like to participate in.

The analyses below illustrate the top activities that respondents and their families have participated in and those activities in which they show an interest in participating, in each of the four categories.

The first analysis is of youth sport activities. Respondents indicate they or their families have participated mostly in soccer and baseball leagues, and swim teams.



Table 2.1: Top Youth Sport Activities – Have Participated In:

Answer	# of Responses	% of Those Responding to Question
Youth Sports: Soccer League	8	44.4%
Youth Sports: Baseball League (tied #2)	7	38.9%
Youth Sports: Swim Team (tied #2)	7	38.9%
Youth Sports: Indoor Soccer (tied #3)	6	33.3%
Youth Sports: Select Soccer (tied #3)	6	33.3%
Youth Sports: Tennis Programs (tied #3)	6	33.3%

When asked to identify the sport activities that they and their families would like to participate in from the same list, respondents revealed the following five activities, with baseball league and sports camp receiving the most support.

Table 2.2: Top Youth Sport Activities – Would Like to Participate In:

Answer	# of Responses	% of Those Responding to Question
Youth Sports: Baseball League	7	38.9%
Youth Sports: Sports Camp	6	33.3%
Youth Sports: Basketball League (tied #3)	5	27.8%
Youth Sports: Soccer League (tied #3)	5	27.8%
Youth Sports: Tennis Programs (tied #3)	5	27.8%

Next, we asked respondents about adult sports activities that they or their family have or would like to participate in. We see a greater response rate of those activities that adults would like to participate in, and far fewer responses about what they have participated in. Based on these results, it appears adults have participated in team tennis activities, as well as baseball league, co-ed volleyball, disc golf, outdoor fitness classes and softball leagues. Adults indicate they would like to see more outdoor fitness classes and kickball and disc golf leagues. The information below provides the top adult activities for each response.

Table 2.3: Top Adult Sport Activities – Have Participated In:

Answer	# of Responses	% of Those Responding to Question
Adult Sports: Tennis (team)	5	17.2%
Adult Sports: Baseball League (tied)	4	13.8%
Adult Sports: Co-ed Volleyball (tied)	4	13.8%
Adult Sports: Disc Golf League (tied)	4	13.8%
Adult Sports: Outdoor Fitness Classes (tied)	4	13.8%
Adult Sports: Softball Leagues (tied)	4	13.8%



Table 2.4: Top Adult Sport Activities – Would Like to Participate In:

Answer	# of Responses	% of Those Responding to Question
Adult Sports: Outdoor Fitness Classes	16	55.2%
Adult Sports: Kickball League	10	34.5%
Adult Sports: Disc Golf League	7	24.1%
Adult Sports: Soccer (tied)	6	20.7%
Adult Sports: Swim Team (tied)	6	20.7%
Adult Sports: Ultimate Frisbee (tied)	6	20.7%

In the category of active adult (age 55+) programs, we again find a greater response rate of those activities that adults would like to participate in, and far fewer responses about what they have participated in.

Of those activities listed, it appears more individuals have participated in aerobics classes, gardening and aquatic aerobics.

Table 2.5: Top Active Adult Activities – Have Participated In:

Answer	# of Responses	% of Those Responding to Question
Active Adult: Aerobics Classes	7	25.9%
Active Adult: Gardening	5	18.5%
Active Adult: Aquatic Aerobics	4	14.8%

Active adults have an interest in participating in classes, including cooking and photography, and in activities such as walking clubs and health/fitness classes.

Table 2.6: Top Active Adult Activities – Would Like to Participate In:

Answer	# of Responses	% of Those Responding to Question
Active Adult: Cooking Classes	13	48.1%
Active Adult: Photography Classes	12	44.4%
Active Adult: Walking Club	12	44.4%
Active Adult: Health/Fitness Classes	10	37%
Active Adult: Bingo	8	29.6%

In order to find out what special events, classes and general park activities respondents have participated in and would like to participate in, we presented participants with a list of such activities from which to choose. In analysis of the survey results, 5k/triathlon races received the most responses for each question. Other areas of interest include gardening, yoga, cooking classes and dance classes.



Table 2.7: Top Special Events, Classes and General Park Activities – Have Participated In

Answer	# of Responses	% of Those Responding to Question
5k Races/Triathlons	12	35.3%
Aerobics/Group Exercise	5	14.7%
Pavilion Rental	5	14.7%
Yoga	5	14.7%
Gardening	4	11.8%
Zumba Fitness Class	4	11.8%

Table 2.8: Top Special Events, Classes and General Park Activities – Would Like to Participate In

Answer	# of Responses	% of Those Responding to Question
5k Races/Triathlons	14	41.2%
Gardening	14	41.2%
Yoga	14	41.2%
Cooking Classes	13	38.2%
Dance Classes (Ballet, Jazz, Hip-Hop, etc.)	12	35.3%

An overall analysis of these activities of interest by various age groups indicates the community's desire for outdoor fitness activities, recreational sports, running and walking, and various types of instructional classes.

The charts on the following pages provide all of the responses for each of the four categories above.



Figure 2.2: Please place a check next to the Youth Sports that you OR members of your family have and/or would like to participate in, if it were available:

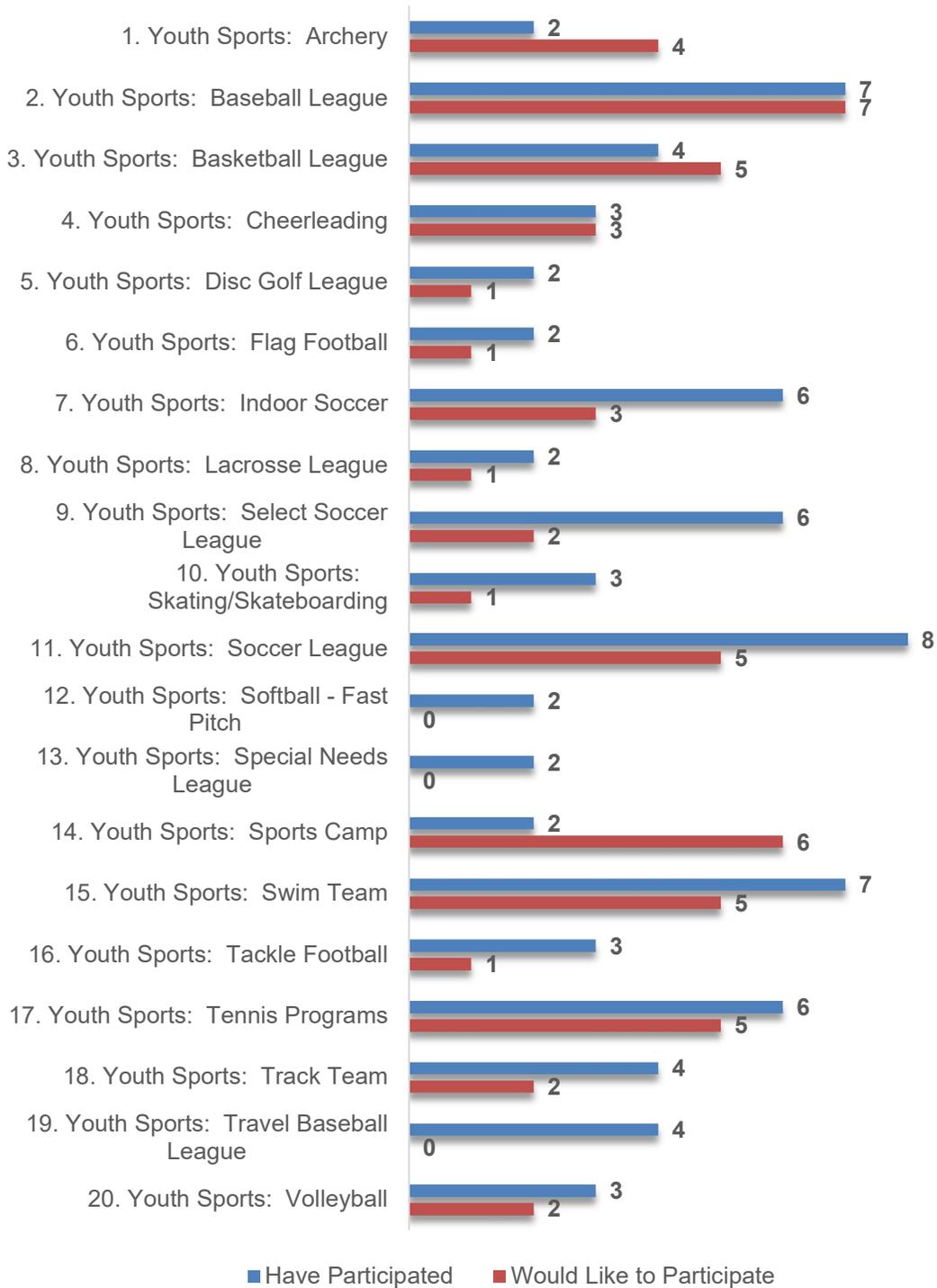


Figure 2.3: Please place a check next to the Adult Sports that you OR members of your family have and/or would like to participate in, if it were available.

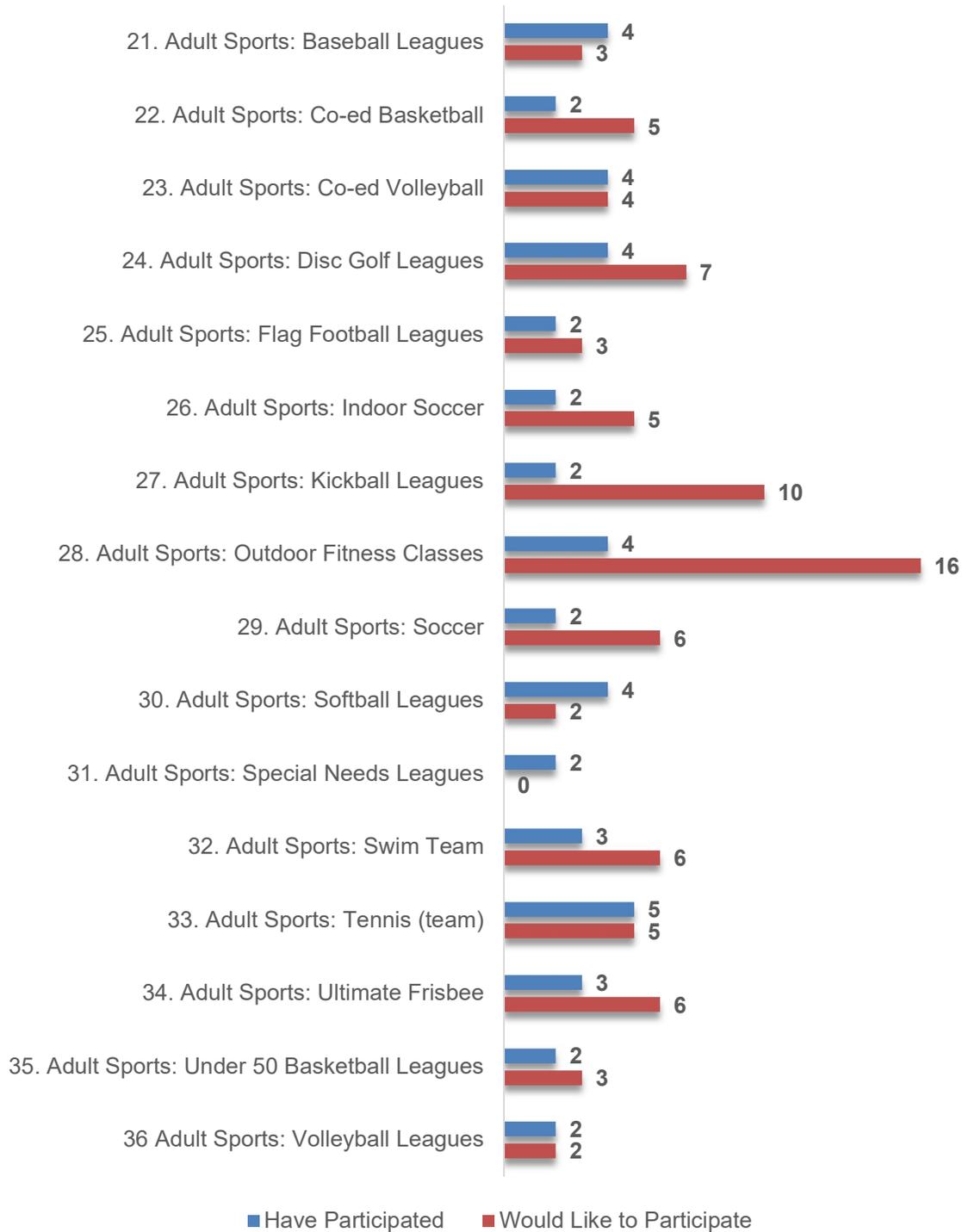


Figure 2.4: Please place a check next to the Active Adult Programs (55+) that you OR members of your family have and/or would like to participate in, if it were available.

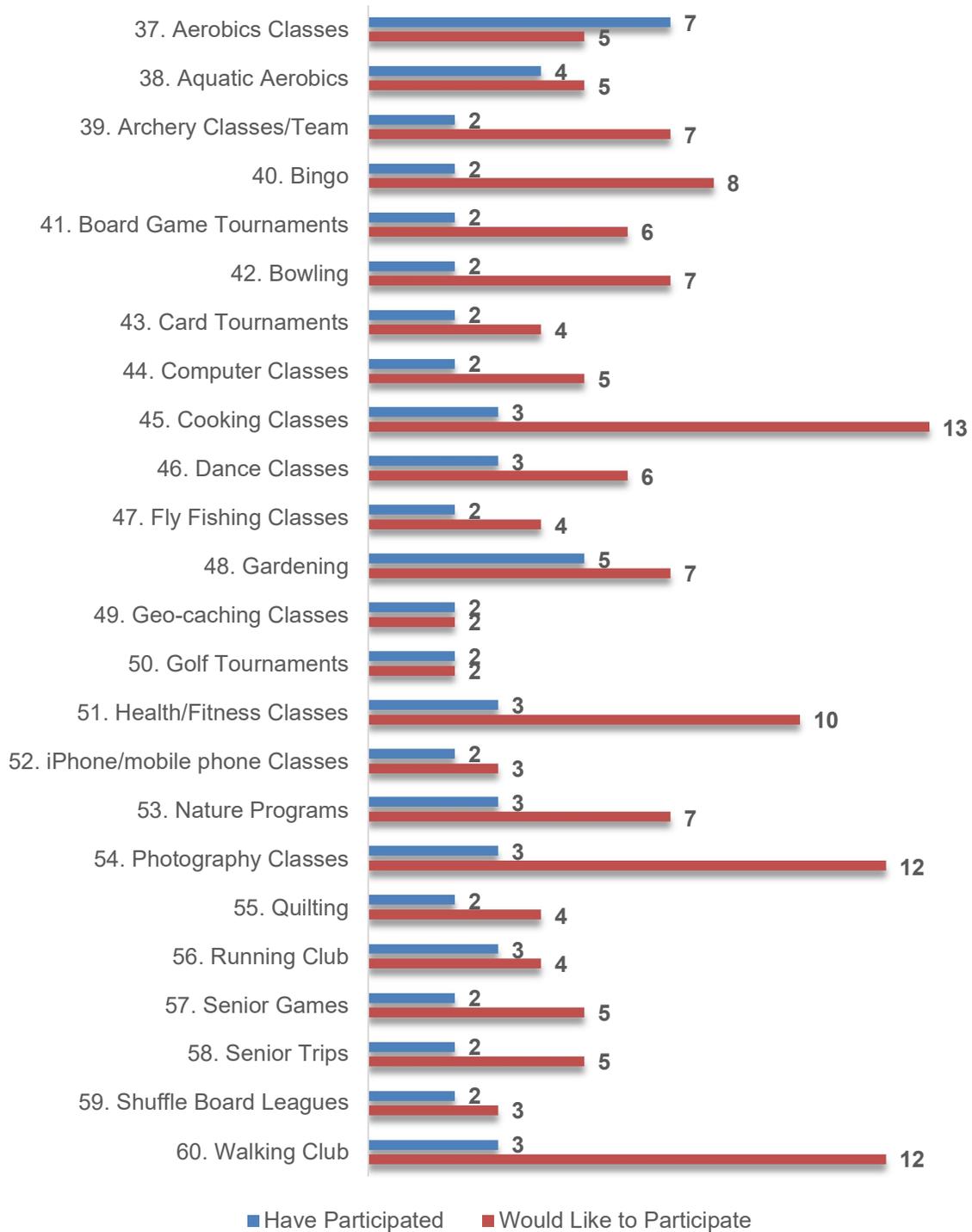
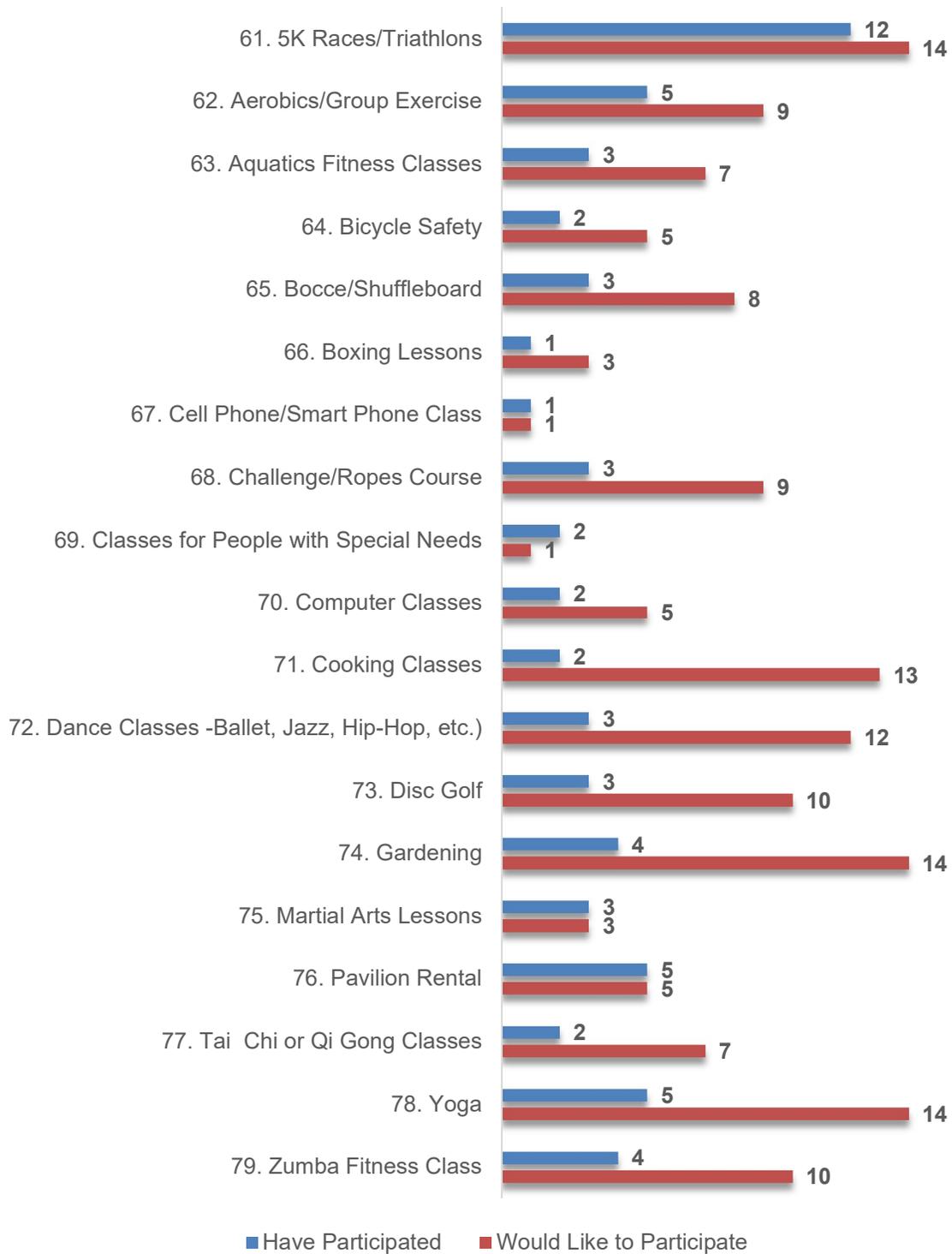


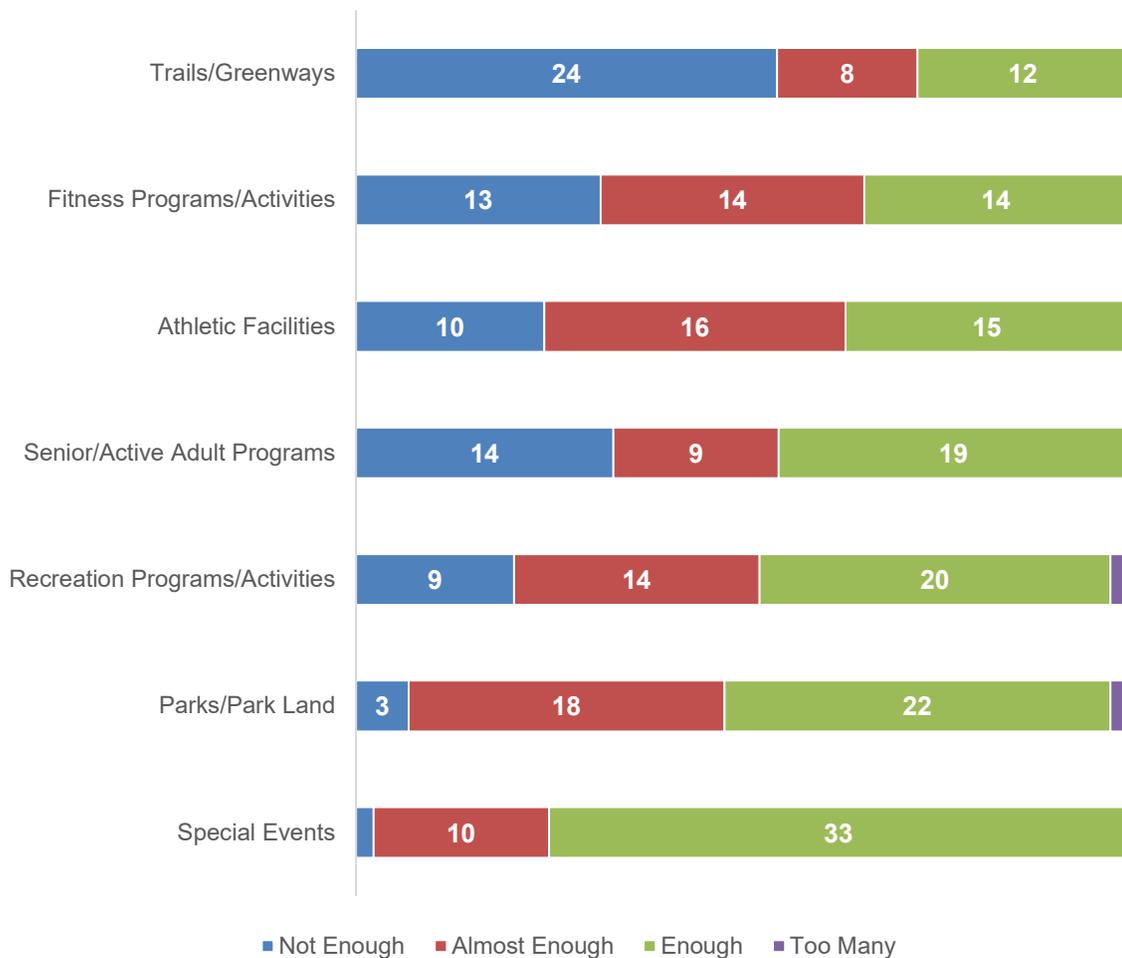
Figure 2.5: Please place a check next to the Special Events, Classes and General Park Activities that you OR members of your family have and/or would like to participate in, if it were available.



Park and Program Usage

By utilizing the survey, we are able to understand more about parks and program usage in Norcross, and what respondents think of the parks facilities. Respondents were first asked, “Overall, how well do you think the following facilities, programs and activities provided by Norcross are currently meeting the needs of the community?” Most respondents answered that there are “not enough” trails/greenways. Parks/parkland received the most responses of “enough.” Two categories received a single response of “too many”: parks/parkland and recreation programs/activities.

Figure 2.6: Overall, how well do you think the following facilities, programs and activities provided by Norcross are currently meeting the needs of the community? Please check appropriate response.

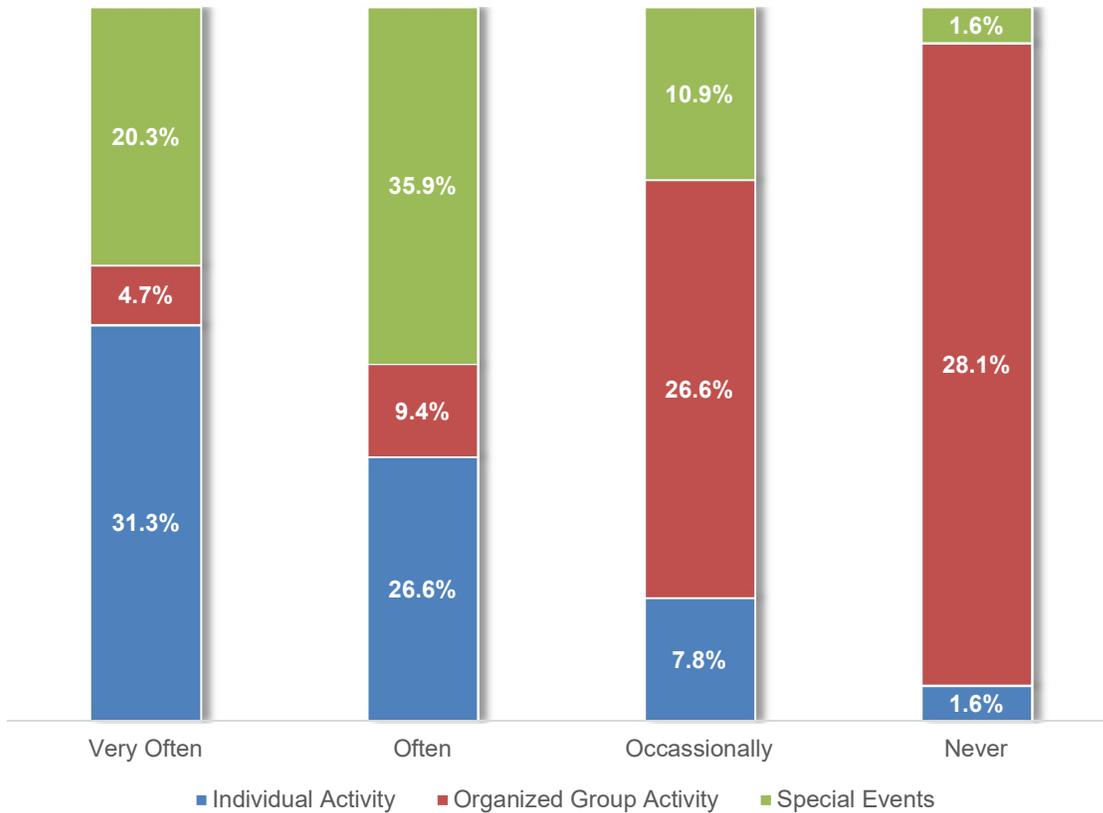


Note: Responses receiving 2 or fewer responses not noted in the figure above.

We asked respondents, “How often do you take part in the following parks and recreation programs?” Respondents reported that they most often participate in special events. 31.3% of respondents indicated their participation in individual activities such as walking and biking as “very often.” Organized group activities received the most “never” responses.



Figure 2.7: Using the list below, indicate how often you take part in the following parks and recreation programs



Below are the examples provided for each type of activity in the survey.

- Individual Activity - walking, bicycling, picnicking, flying kites, instructional program, visiting a playground and/or skateboarding
- Organized Group Activity - soccer, t-ball, softball, creative arts, boxing, yoga and/or tennis
- Special Events: Summer Concert Series, Red White and Boom Independence Day Celebration, BooFest Halloween Celebration

The team was interested to find out which City of Norcross parks are most often used by survey respondents. We asked, “For each of the parks listed below, please indicate how often you and or members of your household have visited in the past year.” An overwhelming number of individuals indicated that they use Lillian Webb Park and Thrasher Park.

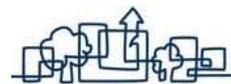
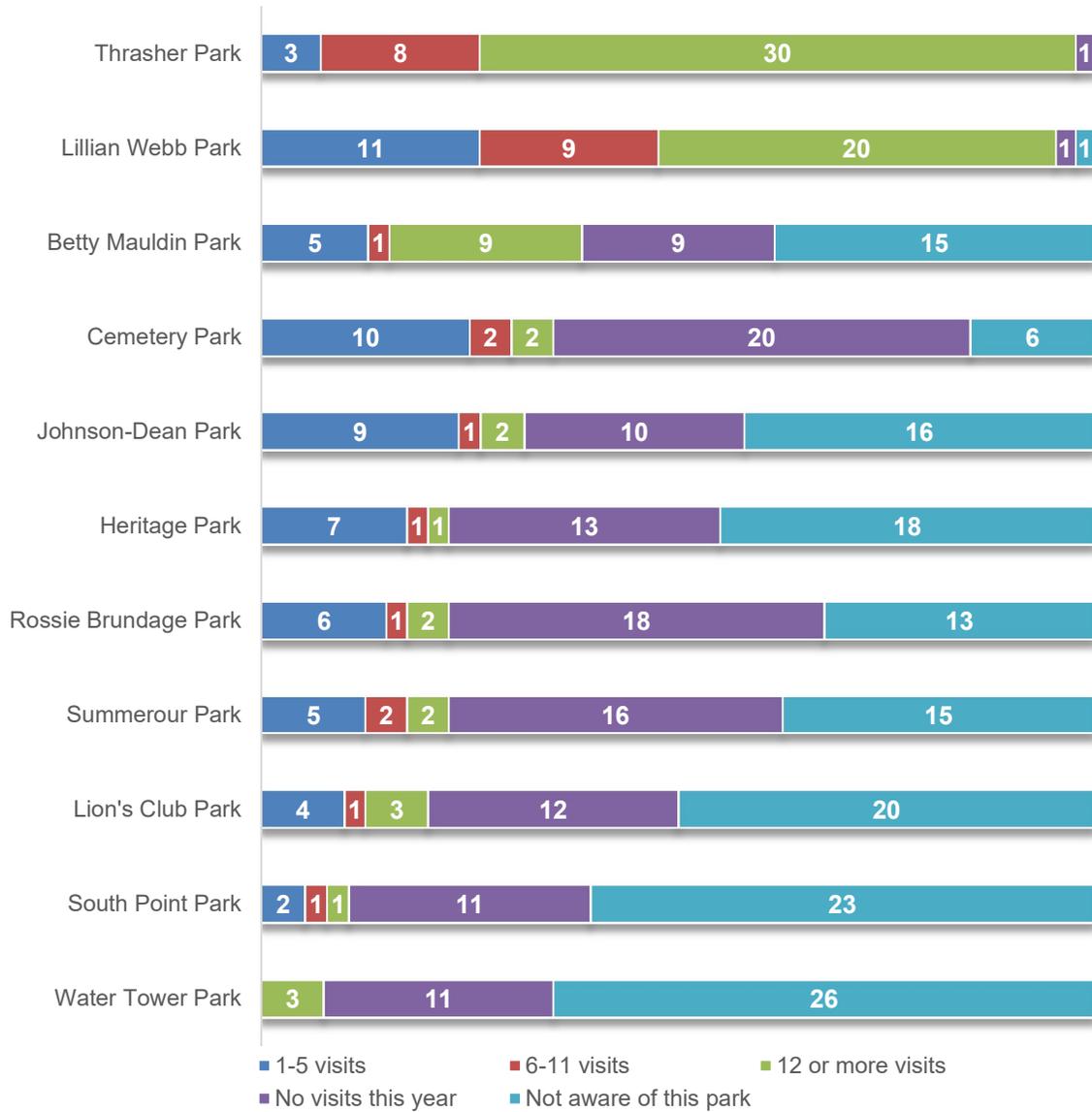


Figure 2.8: For each of the parks listed below, please indicate how often you and or members of your household have visited in the past year.



During the analysis, we combined the 1-5 visits, 6-11 visits and 12 or more visits. The parks with the most visits (combined) per the survey are:

Thrasher Park
Lillian Webb Park
Betty Mauldin
Cemetery Park
Johnson-Dean Park

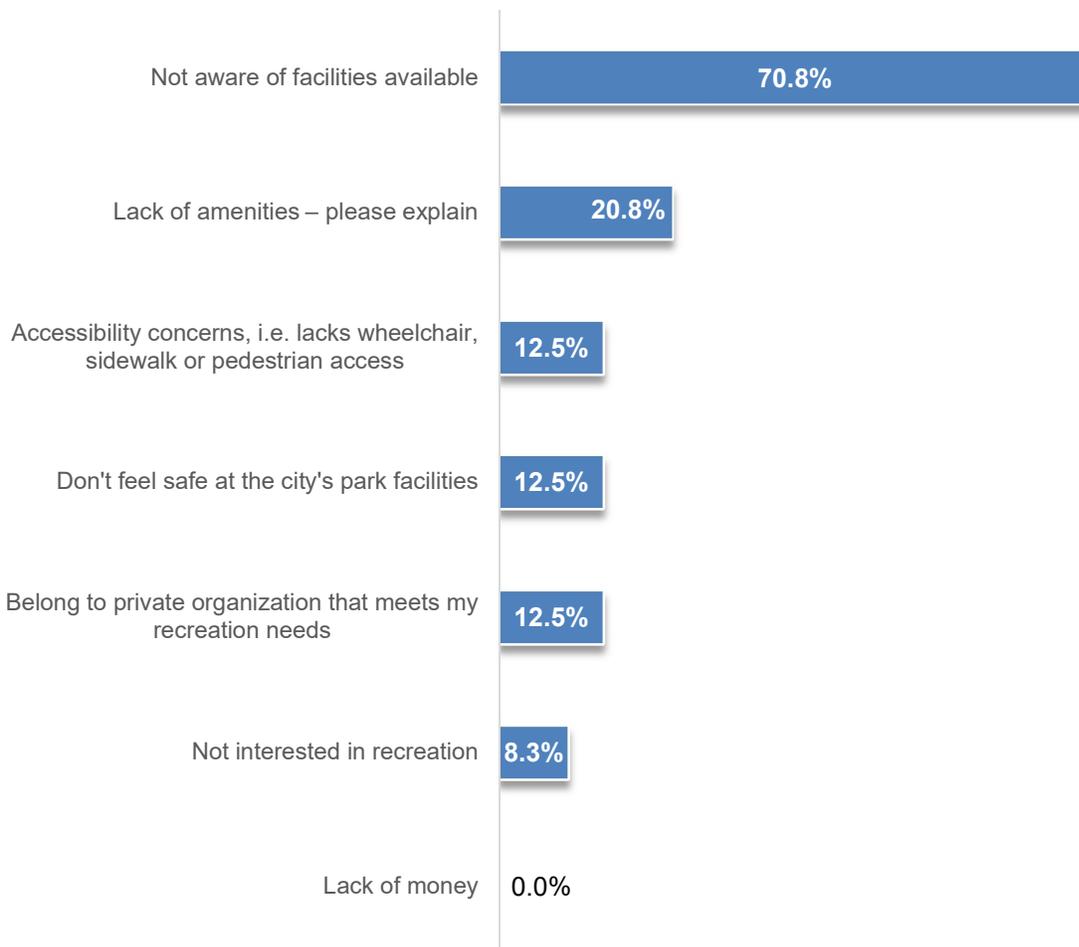
Water Tower Park had the fewest visits during the year, with 3 visits. It also had the most responses that respondents were not aware of the park.



Barriers to Park Usage

The survey asked respondents to indicate what prevents them and their families from using parks, facilities or trails. For this question, respondents could select multiple answers, which is why the percentages listed do not equal 100%. The response selected most by respondents is “not aware of facilities available,” with 70.8% of respondents selecting this response.

Figure 2.9: Please indicate if any of the following prevents you and/or members of your household from using Norcross' parks, facilities or trails. Please check all that apply.



Under “lack of amenities – please explain,” we received the following responses.

- walking or biking trail
- Soccer field and basketball court. “Or even space to play.”
- Tennis
- Workout equipment

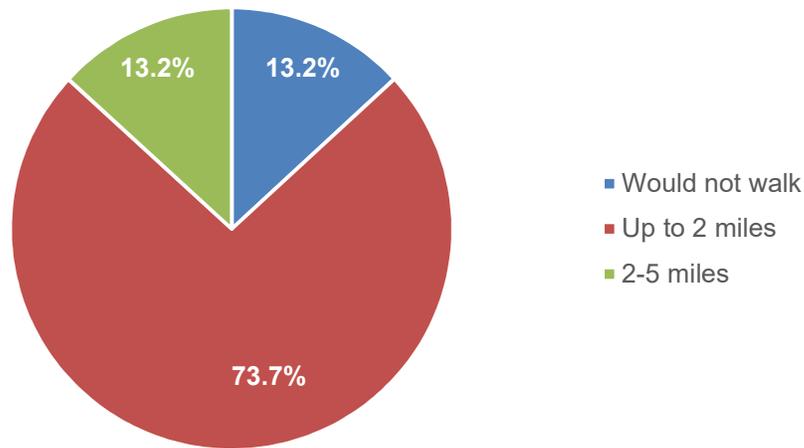
Access to Parks

Respondents were asked several questions about mobility and how far they would be willing to walk, ride a bicycle or drive in order to access a park facility. The question “how far would



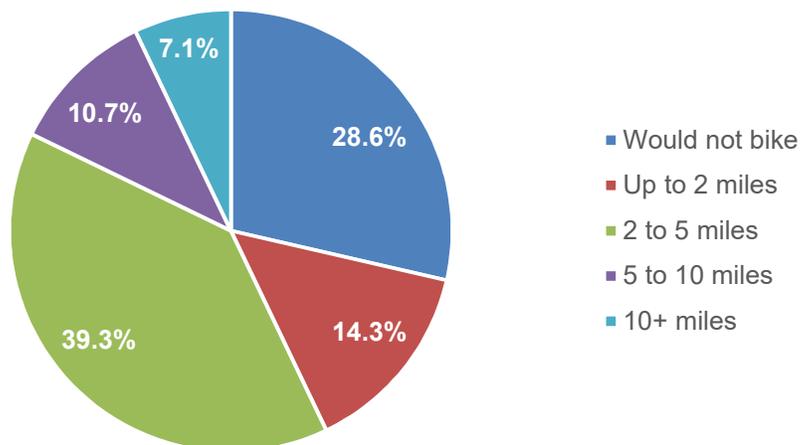
you be willing to walk, drive or ride a bicycle to parks and recreation facilities if safe multi-use trails, sidewalks or bicycle lanes were provided throughout the city?" was asked. 73.7% of respondents replied they would be willing to walk up to 2 miles to parks and recreation facilities, and more than 13% replied they would be willing to walk up to 5 miles. 13.2% replied they would not be willing to walk.

Figure 2.10: Willing to Walk to Facilities



A greater number of respondents, 28.6%, indicated they would not be willing to bike to parks and recreation facilities. However, more than 53% indicated they would be willing to bike up to 5 miles. In the comments section, most individuals cited safety concerns related to traffic as a reason not to bike or walk.

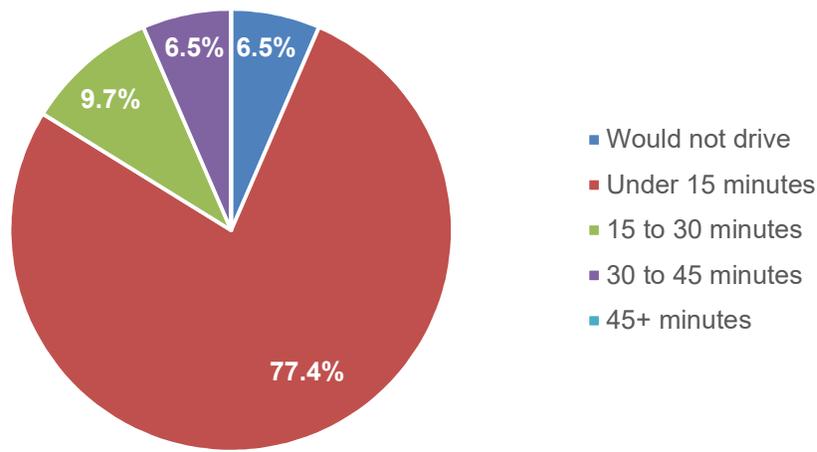
Figure 2.11: Willing to Bike to Facilities



Clearly, the majority of respondents are willing to walk or bike. This support could mean that, with more multi-use paths and sidewalks to access parks and with the addition of other improvements such as bike racks, Norcross could see an increase in the use of alternative transportation. However, the City would need to address the safety concerns of residents.

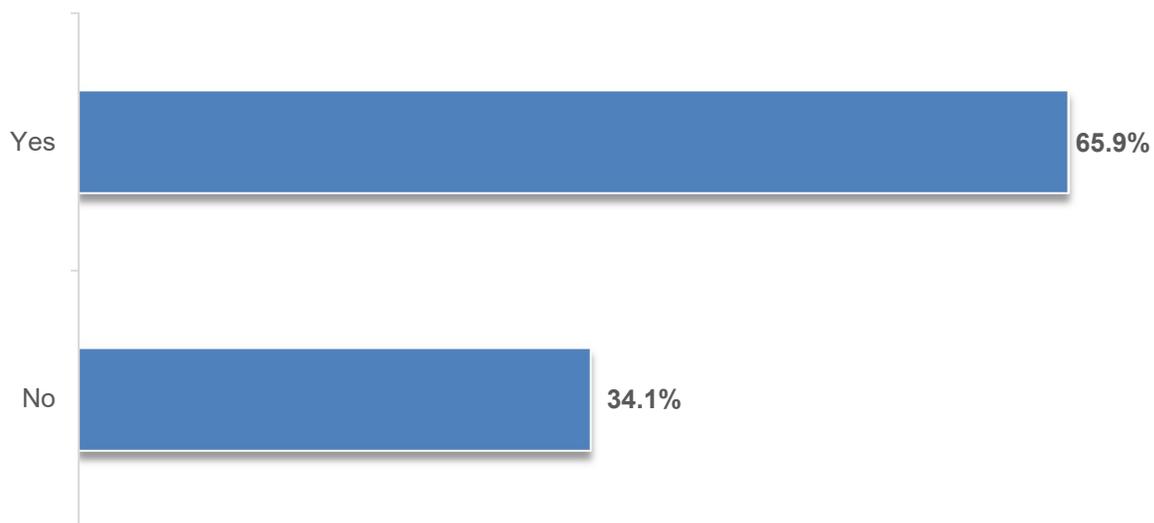
We also asked individuals about their willingness to drive to parks and recreation facilities. We found that most individuals want to drive less than 15 minutes (77.4%). Only 13% indicated a willingness to drive 30-45+ minutes.

Figure 2.12: Willing to Drive to Facilities



We next wanted to determine if respondents are traveling outside Norcross for parks and recreation. A majority of respondents indicated that they do travel outside Norcross to use parks and recreation facilities.

Figure 2.13: Do you travel outside Norcross to use parks and recreation facilities?



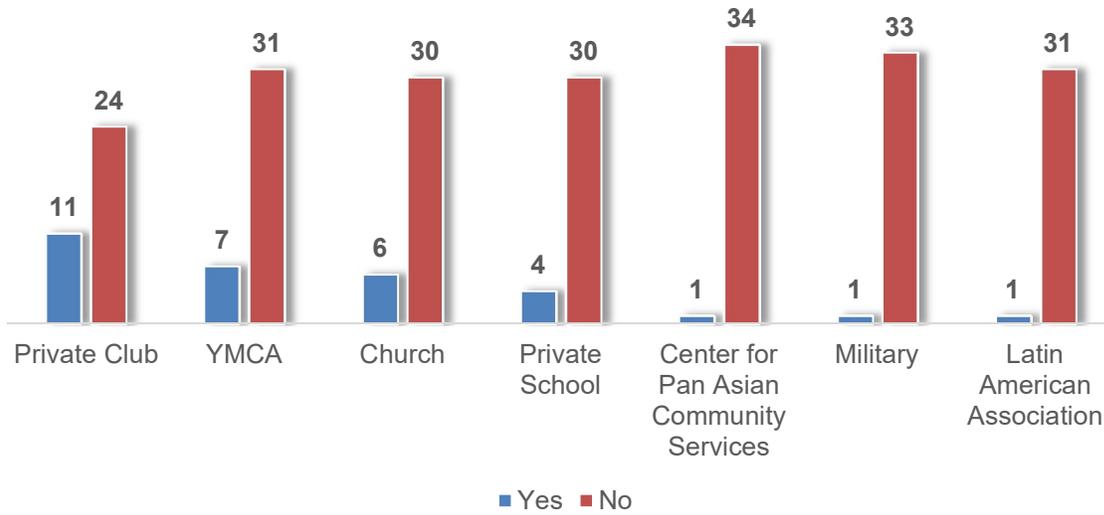
When respondents were asked where they travel to use parks and recreation facilities, they provided the following responses:

- *Stone Mountain*
- *Gwinnett County parks*
- *YMCA*
- *Piedmont Park and Pinckneyville Park*
- *Suwanee Creek Greenway; Big Creek Greenway (Alpharetta)*
- *Lilburn, Brook Run Park, Alpharetta Greenway, Stone Mountain Park*
- *Duluth, Johns Creek, Stone Mountain, Piedmont Park*
- *Jones Bridge Park*
- *Simpsonwood*
- *Bethesda park*
- *Pinckneyville Park*
- *Best Friend Park*
- *Dunwoody Nature Center, PDK Airplane Park, Little Nancy Creek Park, Alexander Park (disc golf), Redan Park (disc golf), Perkison Park (disc golf), East Roswell Park (disc golf)*
- *“Hiking up north”*
- *Pinckneyville Dog Park*
- *Beltline, greenways across Metro region*
- *Pinckneyville*
- *Jones bridge*
- *Pinckneyville*
- *Chattahoochee River Parks*
- *Georgia state parks*
- *local greenways*
- *Pinckneyville, Big Creek Greenway*

We followed by asking respondents if they use facilities offered by private providers of recreation services. We found that most respondents are not using facilities offered by other providers. However, respondents that are indicated they mostly use private clubs.

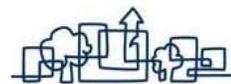
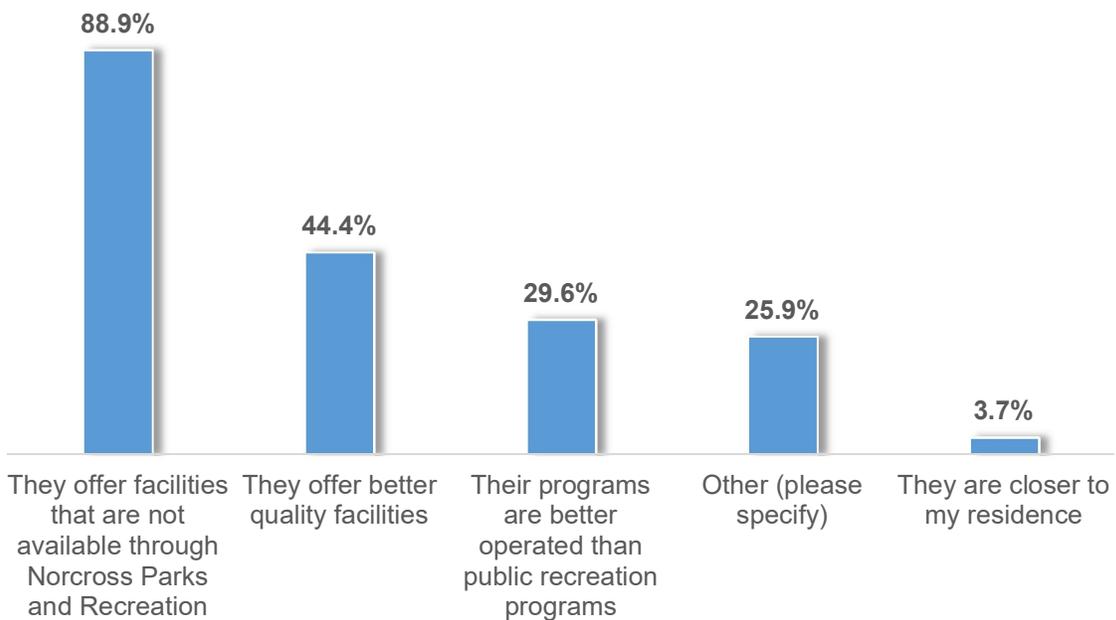


Figure 2.14: Do you use recreation facilities offered by a church or other private providers?



As a follow up to that question, we asked those that use facilities outside of Norcross to provide input on what factors influence their decision to use the other facilities. The most common factors noted are the offering of facilities not available through Norcross Parks and Recreation.

Figure 2.15: Factors that influence use of other facilities



Individuals that provided information about “other” factors that influence their decision to use other facilities included reasons such as more facilities, such as dog park and hiking opportunities. The responses provided are as follows:

- *More facilities in Gwinnett, not necessarily better than Norcross*
- *Looking for a safe place to bike*
- *I go for big events mostly...or the river.*
- *Better walking trail.*
- *Tiene una buena area para caminar y canchas de tenis (It has a good area for walking and tennis courts)*
- *Hiking not available, natural water not available*
- *They have a dog park*

Facility Priorities

We wanted to gain an understanding of respondent priorities as they pertain to facilities, specifically facilities in the newly annexed area. We asked the respondents who indicated that they live in the study area to rank in order those items recommended in the 2011 Parks and Recreation Master Plan that they desire the most, specifically as they pertain to the newly annexed area. Respondents ranked informal playfields as the most desired facility or improvements, and ranked basketball courts as the least desired facility or improvement. The following illustrates the ranking of facilities in order of preference.

Table 2.9: The 2011 Parks and Recreation Master Plan recommended several priorities for Norcross. They are listed below. Please help us determine the priority for the implementation of these recommendations for the newly annexed areas of Norcross, shown in blue in the map in Question #1. Rank these in order of the facilities you desire most, to those you desire least, with #1 being the facility you desire the most and #6 the facility you desire the least.

Rank	Facility / Improvement
1	Informal play fields
2	Volleyball courts
3	Splash pads
4	Community gardens
5	Playgrounds
6	Basketball courts

We followed up and asked respondents to provide any other suggestions that were not listed that they would like to see. The following comments were provided.

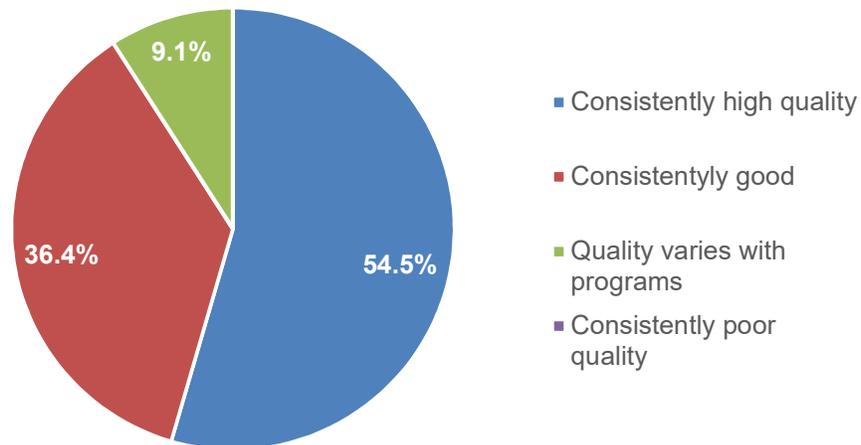
- *Football field*
- *Soccer field*
- *Walking paths*
- *Tennis court*
- *A dog park next to the new garden park*



Overall Performance

We asked respondents to provide feedback on as to the quality of the Norcross Parks and Recreation Department. A majority of respondents—54.5%—indicated that the Norcross programs and activities are consistently high quality. No respondents reported consistently poor quality.

Figure 2.16: How would you rate the events and facilities provided by Norcross Parks and Recreation?

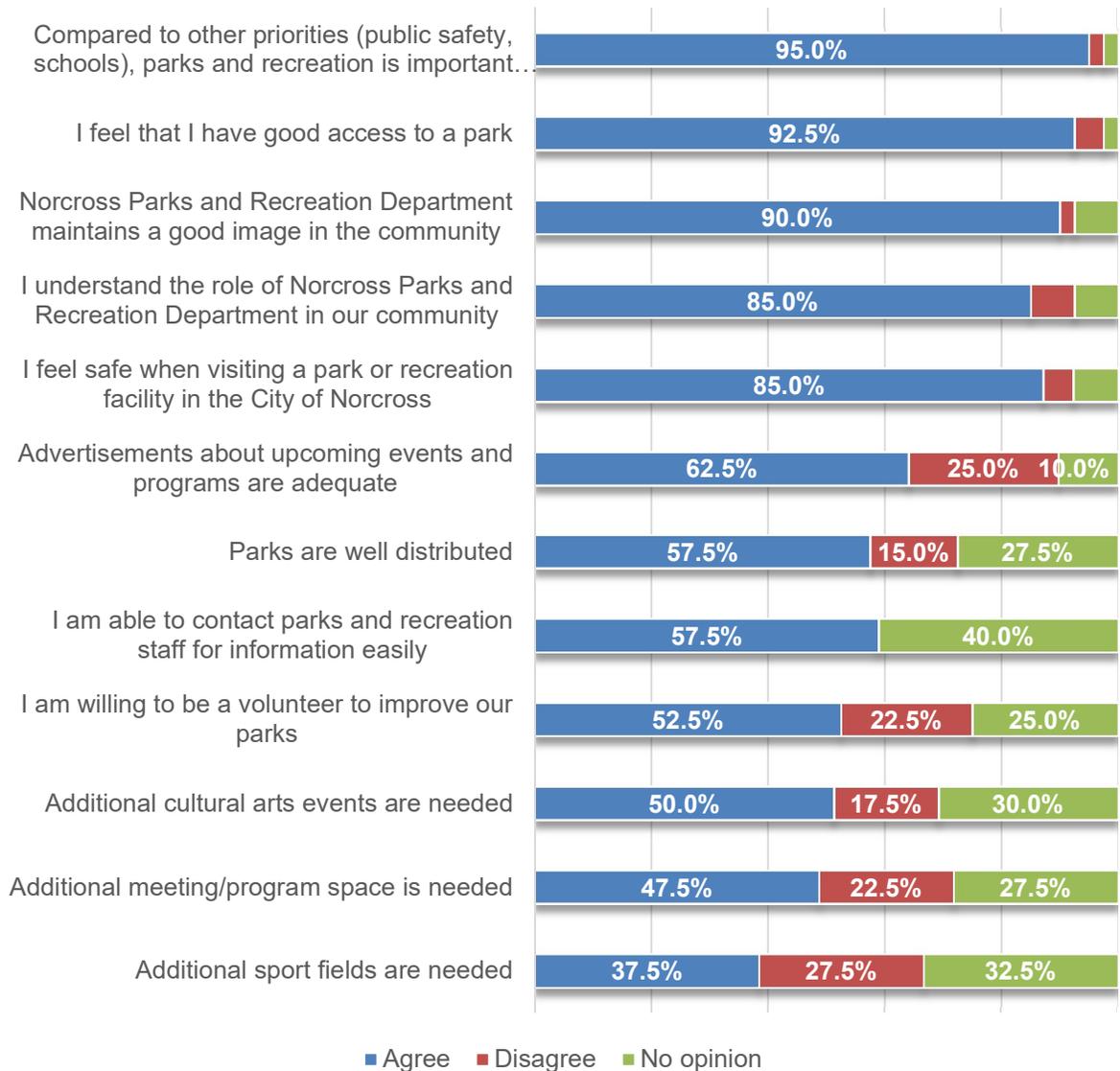


In order to get an understanding about how respondents feel about overall services, operations and facilities, we asked respondents to respond to a series of statements by agreeing, disagreeing or stating no opinion.

Respondents had generally positive indications about the statements presented, and had more “no opinion” responses than “disagree” responses.



Figure 2.17: Please indicate if you agree, disagree or do not know about the following statements.



Note: Responses receiving 8% or fewer responses are not noted in the figure above.

Respondents clearly believe that parks and recreation are as important to a community as other services, with an overwhelming 95% of individuals who responded agreeing with the statement “Compared to other priorities (public safety, streets, utilities, schools), parks and recreation is important to a community.” Respondents also believe they have good access to parks, and that the Norcross Parks and Recreation Department maintains a good community image.

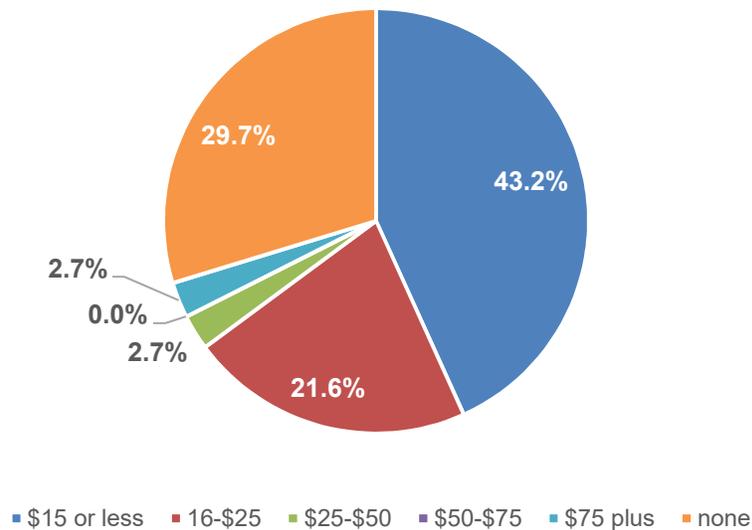
Funding

Many parks and recreation departments are seeing more of their budgets cut and tax payers resisting any increase to fees despite their greater demands on the system. In our next set



of questions, we asked about the willingness of respondents to contribute to parks and recreation facilities and programs. We asked how much they would be willing to spend per month for recreation services. We found that 43.2% are willing to spend \$15 or less per month, and 29.7% are not willing to spend anything.

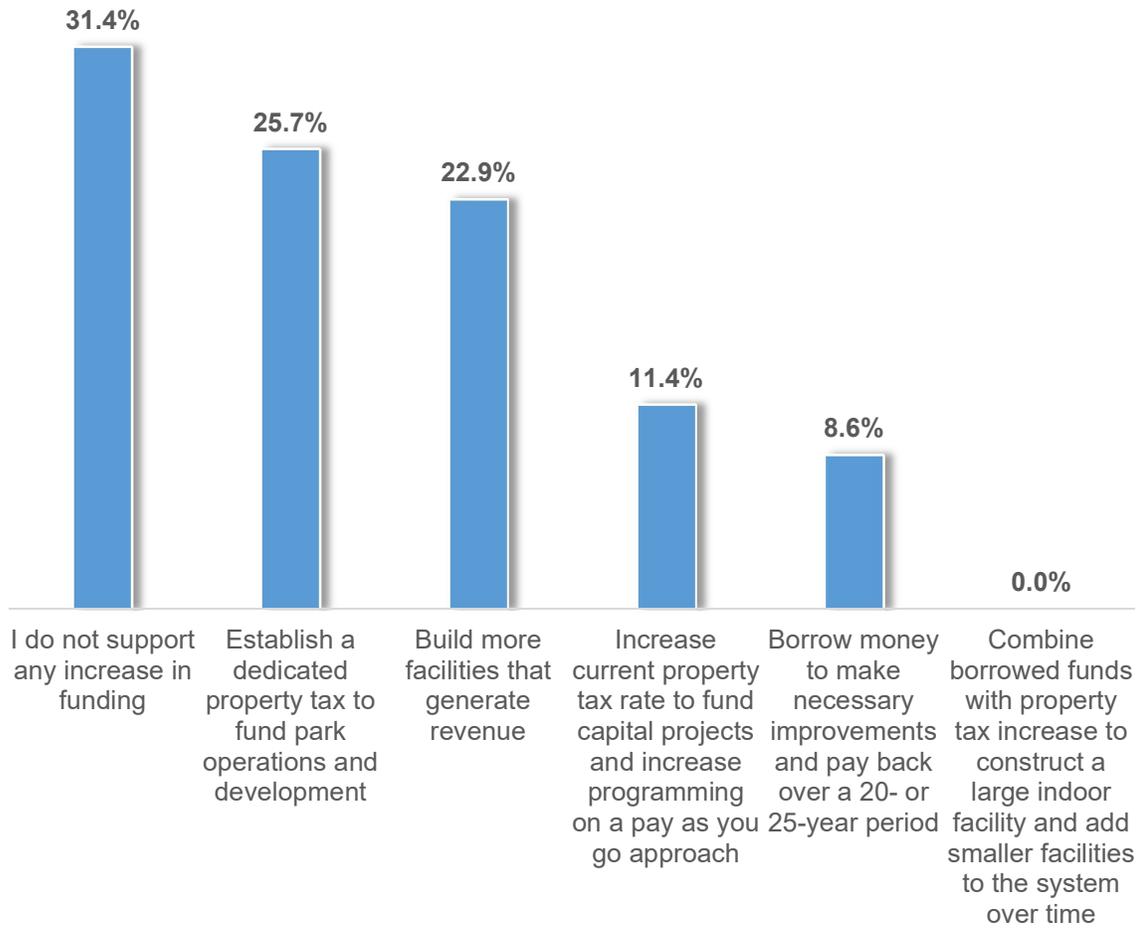
Figure 2.18: How much would you be willing to spend per month per household to support improved park maintenance and recreation services?



The next question asked respondents what methods of funding they prefer for park land acquisition, greenway and park facility renovation and development. Respondents were asked to indicate all funding options that they would support. The strongest indication was no support for increased funding (31.4%), followed by establishing a dedicated property tax to pay for funding park operations and development (25.7%). No individuals supported combining borrowed funds with property tax increases.



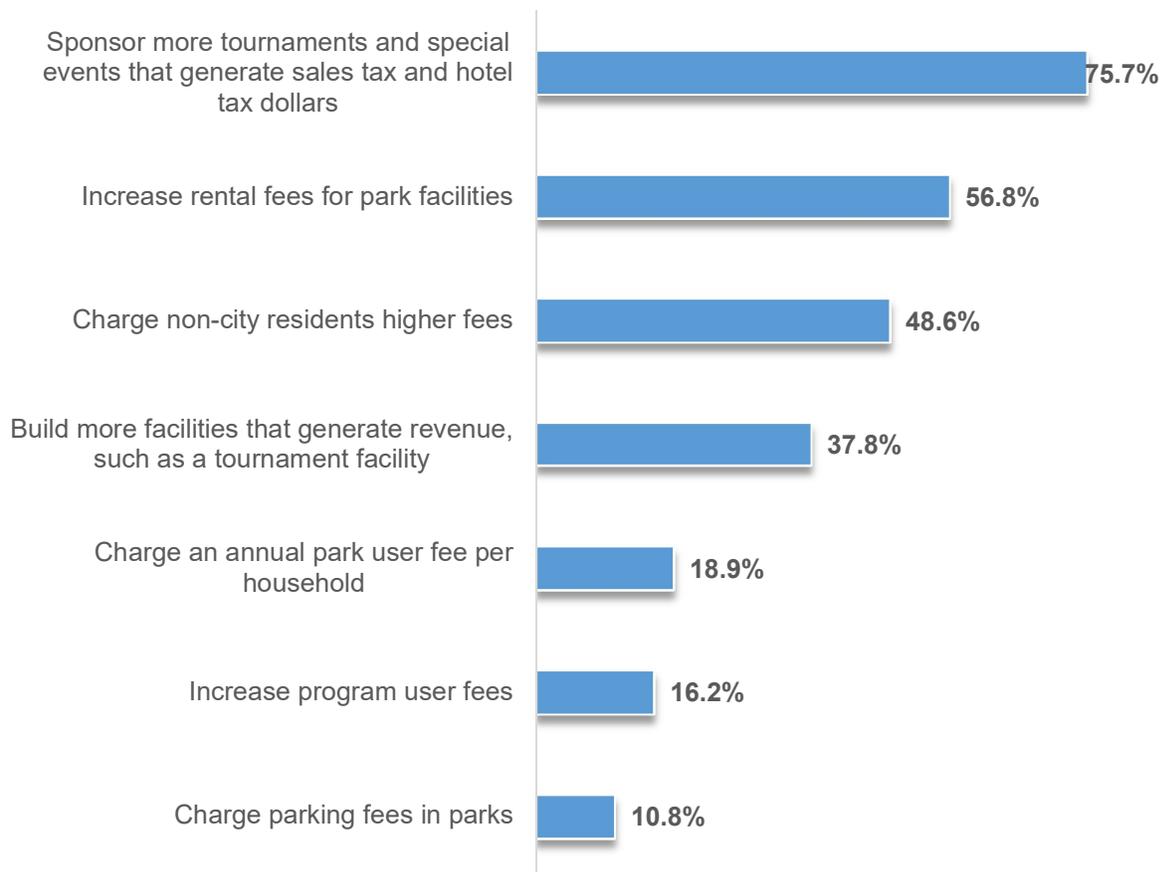
Figure 2.19: Which method of funding for park land acquisition, greenway and park facility renovation and development would you prefer?



In order to generate revenue to improve park maintenance and recreation programs offered in Norcross, we asked respondents to indicate all options that they would support for increasing funding for parks. Most indicated that they would support sponsoring of tournaments and special events that generate sales tax and hotel tax dollars. Increasing rental fees for park facilities and charging non-resident higher fees also generated a higher number of responses.



Figure 2.20: In order to generate needed revenue to improve park facilities and recreation programs offered, please indicate all options that you would support for increasing funding for parks.



Communication

Marketing efforts by the Norcross Parks and Recreation Department received a favorable response when survey respondents were asked if they feel current marketing efforts by the Department keep them informed about recreation program opportunities. 66.7% of respondents responded favorably.

To determine how individuals find out about programs and events offered by the Norcross Parks and Recreation Department, we asked respondents to indicate the most common way they currently receive information. The most common method used by respondents is the City of Norcross website; however, respondents indicated that they would most prefer to receive their information via e-mail, followed by the city’s website. Individuals that indicated “other” methods of communication stated updated postings on the sign board in downtown and e-mailed newsletters would be desired.

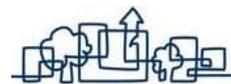
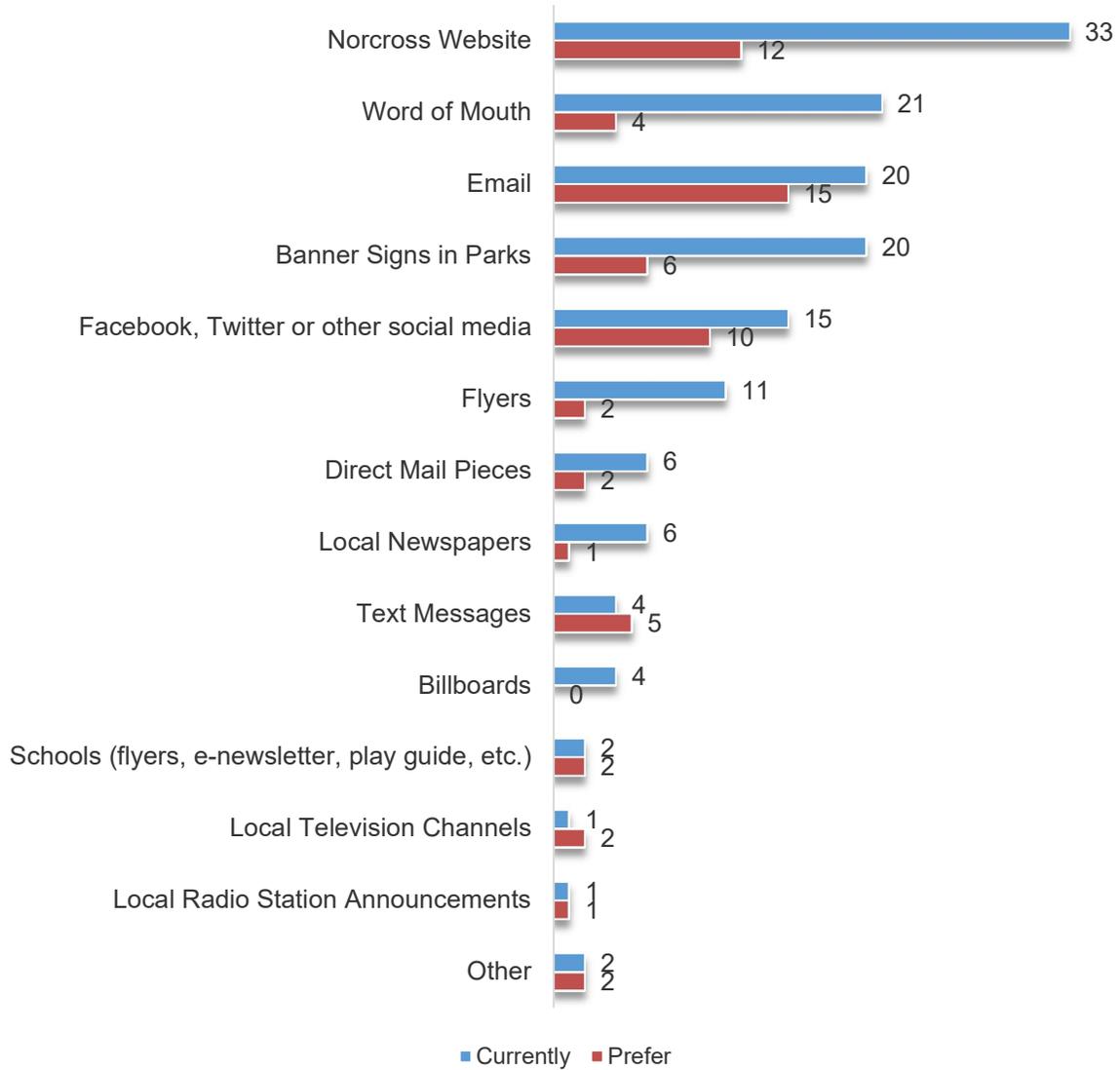


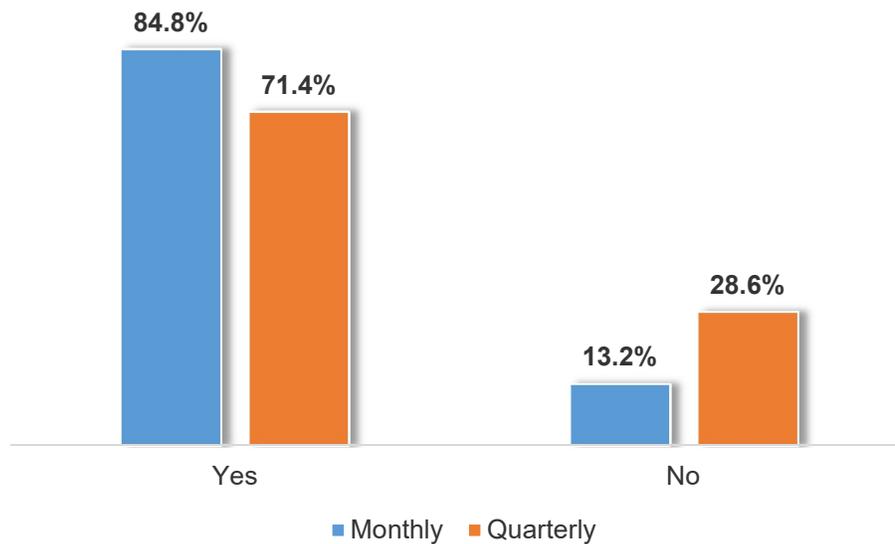
Figure 2.21: Please indicate which of the following ways you currently get information and ways you prefer to get information about events and programs.



Respondents were next asked about the frequency they would prefer to receive newsletters. A majority of respondents, 84.8%, would prefer a monthly newsletter. However, 71.4% would be interested in a quarterly newsletter.



Figure 2.22: Would you like to receive a monthly or quarterly newsletter via email to inform you and your family on classes, programs and special events?



Respondents' Demographics

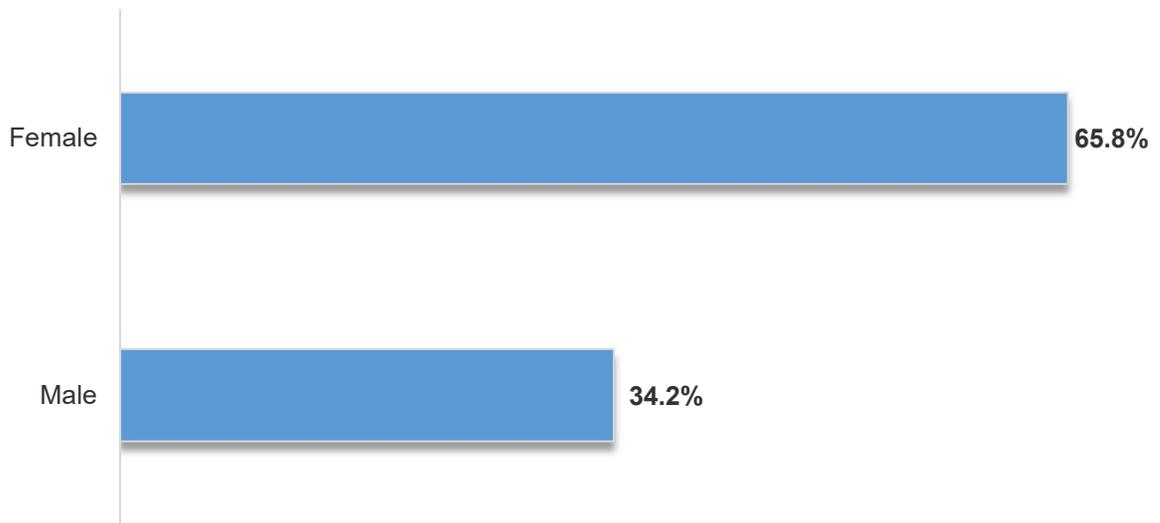
The last section of the survey requested information about the respondents and their households. While many questions are basic, the results provide insight on whether the survey reached a representative group of citizens when compared to census data. Overall we find differences between the survey respondents and community demographics. This could be due to the small number of individuals that responded to the survey. It may also be due to the small number of individuals that live in the study area of the Parks Master Plan who responded to the survey. This area, as discussed previously, has changed the overall demographics of the community when it was annexed.

Survey respondents were predominately female, with 65.8% responding to the survey, whereas the community is 54.2% male. Additionally, respondents to the survey were slightly older than the community's demographics indicate, where the largest single age cohort found by the American Community Survey is 35 to 44, and the greatest responses came from those age 45 to 54.

The figures below illustrate the demographic questions that were asked of respondents. It should be noted that while most respondents answered these questions, many did not.

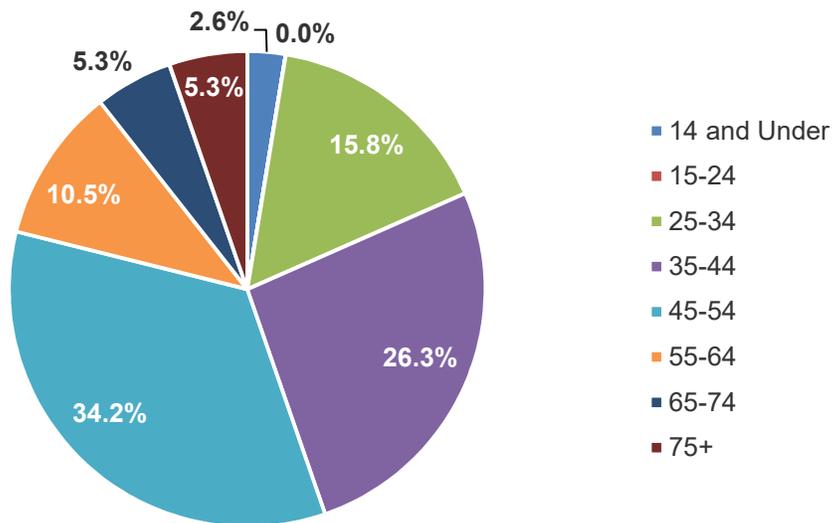


Figure 2.23: Please indicate your gender.



We see that the age group with the most respondents are those age 45 to 54, making up 34.2% of those responding. There were no respondents age 15 to 24, and only 5.3% respondents age 75+.

Figure 2.24: Please indicate your age.

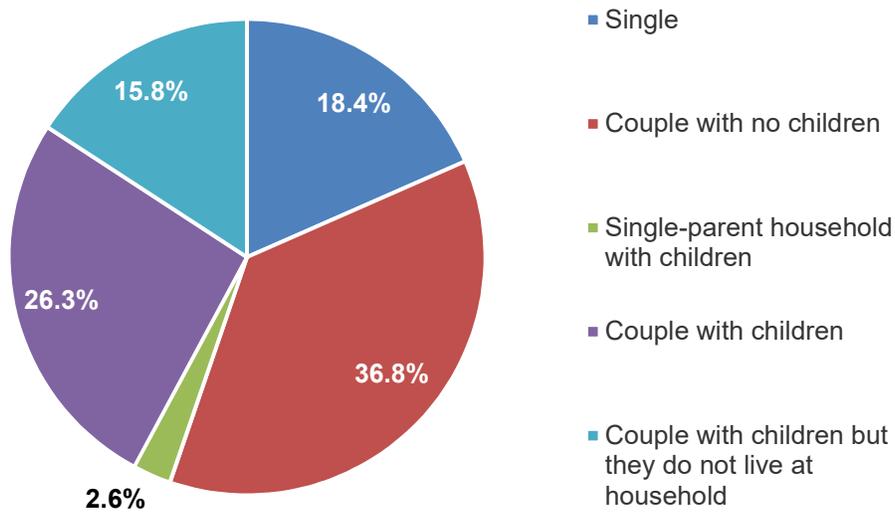


Respondents were also asked to describe their household. **Figure 2.25** below illustrates that 55.2% of respondents indicated their household is either single, or a couple with no children. Households where there is a couple with children at home made up 26.3% of



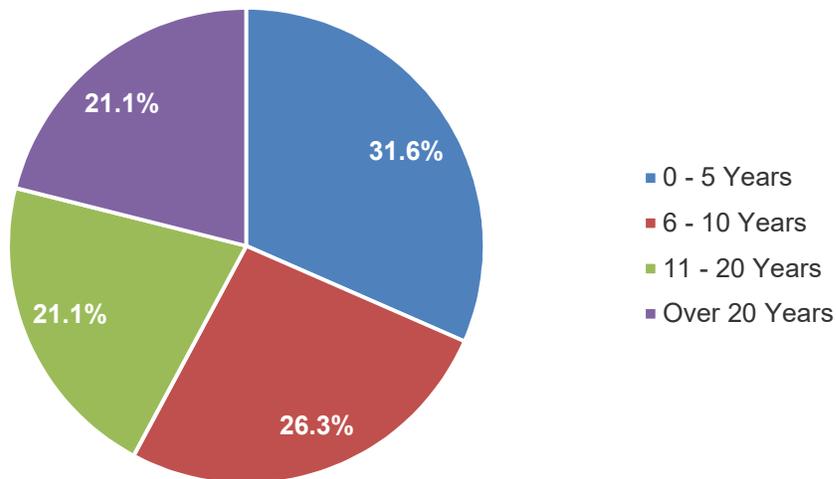
respondents. From this information, we can determine that more than 70% of those responding do not describe their household as one in which children are present.

Figure 2.25: Which of the following describes your household?



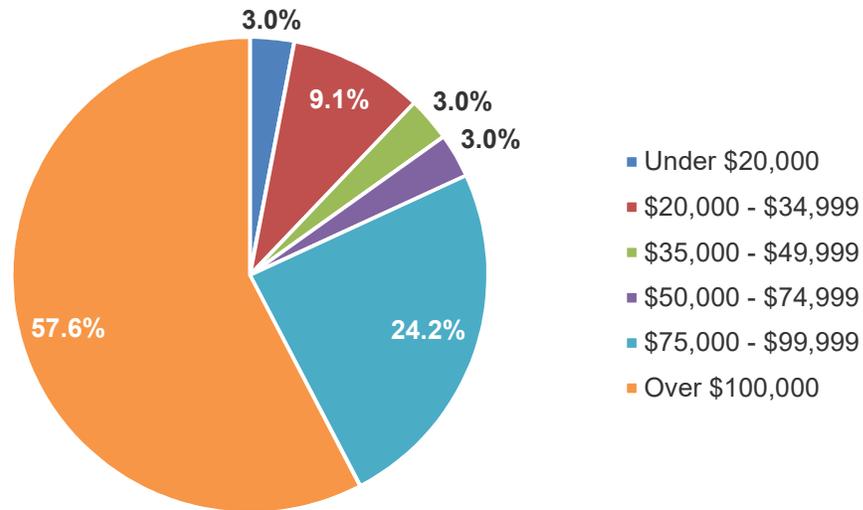
Respondents were also asked about their tenure living in Norcross. We found the majority of respondents (57.9%) have lived in Norcross 10 years or less.

Figure 2.26: How long have you lived in Norcross?



The next figures illustrate the respondents' reported income and housing status. According to the 2014 U.S. Census Bureau American Community Survey 5 year estimates, the median household income in Norcross was \$39,436. Survey respondents indicated a rate higher than the median, with over 57% making \$100,000 or more annually; however, 31 respondents skipped this question.

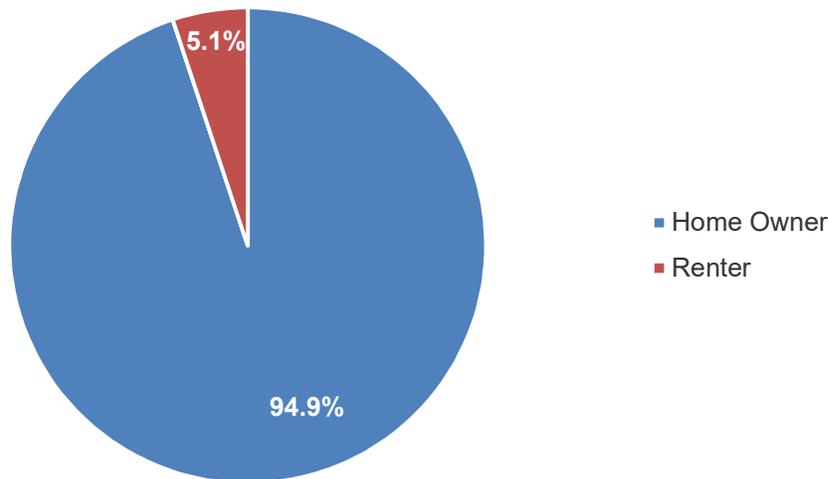
Figure 2.27: What is your annual household income?



Nearly 95% of those responding reported owning their home. This is inconsistent with the American Community Survey estimates that 48.7% of housing units in Norcross are owner-occupied. This difference may be due to some renters not willing to respond to community survey data.



Figure 2.28: Please check your housing status.



Respondents' Additional Comments

Respondents were provided an opportunity to give additional comments in the survey. This open question generated 12 comments, listed below.

- *You do a wonderful job! I think the upcoming greenway project will really be exciting for our community.*
- *Thanks for all you do for us! Would love a disc golf course - fun and low cost to install and maintain.*
- *We need more greenways and safe bike paths*
- *I can't wait for the 8 foot paths to be put in!!*
- *Thank you. Hope to hear more about parks.*
- *Need parks basketball area the other side of Buford hwy.*
- *Thank you for offering this survey in Spanish!*
- *Look forward to the gardening park*
- *Mary Beth Bender has done an EXCELLENT job managing our City parks!*
- *We love the parks! Would be nice to have a dog park near Thrasher Park.*
- *DOG PARK! DOG PARK! PLEASE BUILD A DOG PARK! We moved here recently and there are people parks everywhere but my 2 Goldens have nowhere to go and they are not welcome anywhere! I would be willing to raise money or start a petition!*
- *Let's have a climbing wall.*

Summary

In summary, Norcross residents are interested in improvements to park facilities, and are pleased with the services provided by the Parks and Recreation Department. Building on the recommendations of the 2011 Parks and Recreation Master Plan, there remains support for the facility priorities established in that plan, with the most desired items including informal recreation fields, volleyball and splash pads. However, there are continued



requests for greenways and trails to be incorporated into the parks system, and users are currently going elsewhere for these amenities. The request for more trails and greenways is a trend we are seeing across the country, as well as in the greater Atlanta region.

While respondents clearly see the importance of parks to a community, support for additional funding for parks and recreation is mixed among respondents. Building support for the amount of additional funding for improvements and facilities will require outreach by the Parks and Recreation Department to illustrate the benefits of an improved parks system to residents.





Section 3: Facility Assessment and Recommendations

The 2011 Parks Master Plan inventoried the acreage and facilities (ballfields, shelters, furnishings, etc.) in the existing parks. The purpose of this master plan update is not to re-inventory the existing parks or duplicate the efforts of the 2011, but rather to determine the level of service required by the newly annexed areas of the city. In order to do that, we must first determine how well the existing parks already serve those newly annexed areas, before we can consider new parks, greenspaces, trails, and other amenities for those areas.

For the purposes of this exercise, we will consider the Fickling Parcel and Pinnacle Parcel as undeveloped open spaces to be considered for parks. Since the 2011 Parks Master Plan, planning has been performed on some of these properties, and even in their undeveloped state, they provide some park value.

Map 5, on page 94 of the 2011 Parks Master Plan, demonstrates that many areas of Norcross are within half a mile of a park, and are well served by the existing parks. For the purposes of this plan update, we would add that service radii need to be applied to the other City-owned greenspace parcels (as they have park development potential), and to other surrounding parcels such as those parks operated by Gwinnett County. Additionally, park planning conventions recognize that not all parks serve the same number of people and thus, should not be graphically represented serving the same amount of land area.

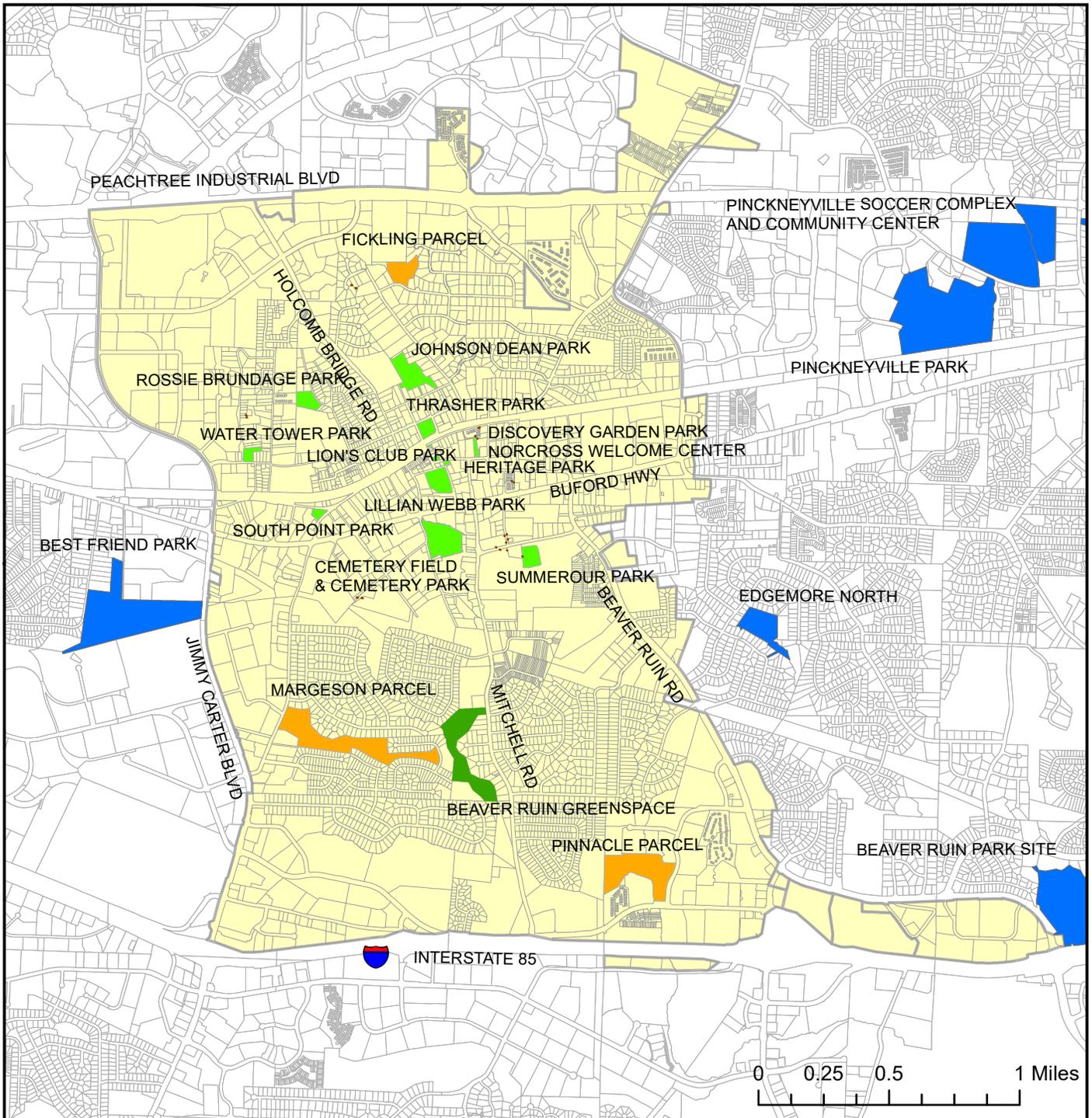
For the purposes of this analysis, we will change the service radii of the existing publicly-owned parks and greenspaces to those recommended by the National Recreation and Park Association (NRPA) as outlined below. This will help us identify how much of the newly annexed areas are already covered by existing parks, and which areas of the newly annexed areas most need new park space.

Figure 3.1 shows a map of the current city boundary, City-owned parks and undeveloped parcels, and the surrounding County-owned parks that serve the Norcross population.

Facility Changes Since 2011

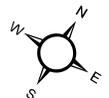
Several park projects have been completed or initiated since the 2011 Parks Master Plan was adopted. These projects have added to the facilities available for the residents of Norcross. The City has also acquired additional open space land, adding to its inventory of





- Legend**
-  City Boundary
 -  City Owned Parks
 -  County Owned Parks
 -  Undeveloped City Owned Open Space
 -  Undeveloped County Owned Open Space

Source:
City of Norcross



2016 Parks Master Plan Update
Figure 3.1 - City and County
Parks and Open Spaces



available land for park, greenway and open space development. The following is a general overview of the most significant changes that have occurred.

Johnson-Dean Park

A plan for the Johnson-Dean Park was adopted in 2010. The 2011 Master Plan recommended that the Johnson-Dean plan be implemented. Since the 2011 Plan, installation of approximately 1 mile of natural surface trail has been installed.

Summerour Park

The City of Norcross constructed a recreational synthetic turf field at the Summerour Park, adjacent to the Summerour Middle School. This facility provides soccer facilities used by the United Futbol Academy, Summerour Middle School and the general public. Additionally, a playground was also constructed at this park. This facility is approximately two acres in size.



Mitchell Road Parcel

The Mitchell Road Parcel was previously identified in the 2011 Parks Master Plan as a potential park site. Since the adoption of that plan, the city has entered into an agreement with Gwinnett County for the use of this parcel for school bus parking. In return, the city was permitted to use land adjacent to the Summerour Middle School for the construction of the Summerour Park Soccer Field and KaBoom! Playground.

Pinnacle Park

A master plan for Pinnacle Park has been adopted by the City. Once developed, the park will include facilities such as fitness stations, a ropes course, observation areas and trails. The City has conducted grading operations to dredge the lake on this property. Further development of the park is dependent on funding. The 2011 Parks Master Plan indicated a 5.7-acre parcel for development. Following adoption of the 2011 Plan, the city acquired additional acreage adjoining the original parcel, increasing the size of the Pinnacle Park parcel to 17.46 acres.

Discovery Garden Park



The City of Norcross has worked with a citizens group to develop plans for a centrally-located community garden. This garden, which opened to in October 2016, is located in Downtown Norcross, just east of City Hall. It contains numerous gardening beds of various sizes, learning stations, and a greenhouse. The community garden is being developed in phases, with Phase 1 now complete. Future phases are dependent on funding. The 2011 Parks Master Plan identified community gardens as a targeted outdoor facility. This is a new plan for property not previously identified in 2011.



Margeson Parcels

A total of 23.96 acres east of Old Norcross Road were acquired by the City in 2014. The land is primarily located within the floodway and floodplain, with a major tributary of Beaver Ruin Creek runs through the site. The area has been identified as part of a stream restoration project in the LCI Greenway Study.

Park Classifications

For many years, communities across the country have developed parks within a basic classification system developed by NRPA in order to offer balanced parks and recreation opportunities to residents. The standard park system is made up of the following park classifications:

- Mini-Park/Pocket Park
- Neighborhood Park
- Community Park
- Large Urban Park
- Special-Use Park
- Natural Resource Area
- Greenway
- Sports Complex

Critical to the service delivery system of any parks and recreation department is the provision of the four basic park categories: mini, neighborhood, community and regional/large urban park. In urban or high-density areas where the proper level of neighborhood and community parks are not adequate to meet the community needs, a larger hybrid park known as the large urban park has developed in recent years. These parks are larger in size and provide activities commonly found in community parks, but also offer areas that preserve natural settings and provide community open space. Beyond these five basic park types, park systems may also include the categories of sports complexes, special-use parks, natural areas/preserves, greenways, school parks and private parks/recreation facilities. Each is classified differently based upon the types of amenities, size, service area and how access is gained to the facility. The following gives a description of these different types of parks and facilities common to a system.

Mini-Park

The smallest type of park, a mini-park, is typically a site less than five acres. Another term, "pocket park," has been used in some instances to identify a mini-park. The park is designed primarily to attract residents who live within a quarter mile of the park. The park is generally a walk-to type park, meaning no parking facilities for vehicles are normally available, yet they may be provided. Mini-parks' service levels are 0.25 to 0.5 acres per thousand residents.

Size normally prescribes these parks to be passive, limited-activity park facilities. Common elements include benches, playgrounds and tables in an attractively landscaped setting. The



parks are sometimes themed to blend in with the surrounding neighborhood. Designs sometimes match the existing homes, fencing, sidewalk pavers, etc. A park of this size is not developed with fields for league play or community-wide events.

Neighborhood Park

Neighborhood parks are found in most county and city systems. The park normally has 2 to 10 acres and typically serves a population living within a half mile of the park. Neighborhood parks concentrate intense recreation activities and facilities into a limited amount of space. Facilities typical to this park include:

- Playing Fields
- Playgrounds
- Shelters
- Walking Paths
- Swimming Pool
- Parking Facilities
- Restrooms/Concessions

Parking is necessary for this type of facility due to its scope of activities and size. The standard for parking is a minimum of seven spaces for the first ten acres, and one additional space for each additional acre. This may vary based upon the activities and program appeal. If team sport facilities or special features such as a swimming pool are included, parking spaces in the range of 40 per field or greater will be needed.

Although the park is classified as a neighborhood park, the scope of people served can vary based upon densities and the number of other

parks available. Typically, one neighborhood park should serve between 10,000 to 20,000 residents, or one to two acres per 1,000 people.



Community Park

Community parks are needed within a system to ensure that all users' recreation needs and interests are addressed and included. This type of park expands beyond a local neighborhood and may sometimes include several neighborhoods. The concept behind community parks is to include essentially a one-stop-shop for all recreation users. It should include a mix of active and passive activities and attract users of all ages. From sports fields to a community center, the park should provide as many recreation and support services as possible. A park of this size and scope commonly has from 30 to 50 acres.



Community parks have both day and night activities. Large facilities, such as a large indoor fitness/recreation center or multi-field sports complex, can be placed in such a facility because of the amount of space available and the ability to buffer from the surrounding community.

The service area for such a facility can vary based upon the size and scope of activities offered. However, a facility of this type may serve anywhere from 50,000 to 80,000 people, or 5 to 8 acres per 1,000 people. User analyses are often based upon a service radius, while others in more urban areas may be based upon drive times.

Large Urban Park

A large urban park is typically the largest park within a system. These parks are normally found in large park systems, highly populated communities or in communities with pockets of high populations. The size of these parks varies from a minimum of 50 to 75 acres, up to several hundred acres, depending on the type of activities and the amount of use.

The service radius for this type of facility is tied to the facilities provided in the park and the overall community makeup. In many large urban systems where there are multiple large urban parks, each park will serve a five-mile or 15 to 30 minute drive time for core recreation services and may serve an entire community if a unique or one-of-a-kind facility is provided there.

Special-Use Park

Special-use parks are designed to meet the needs of a specific user group. An example of a special-use park would be a golf course, a zoo or a museum. A typical feature of these parks is that they are normally good revenue generators. If maintained and properly staffed, these parks can provide a substantial cash flow for the designated entity.

These facilities can vary in size according to the demand and type of layout. For example, a regulation size (par 72) golf course would need at least 140 acres, while an executive style (par 60) layout may only require 100 to 120 acres, based upon amenities such as driving range and practice facilities.

Natural Resource Area/Preserve

According to the NRPA, natural resource areas are defined as “lands set aside for preservation of significant natural resources, remnant landscapes, open space and visual aesthetics/buffering.” These lands consist of:

- Individual sites exhibiting natural resources
- Lands unsuitable for development but offering natural resource potential (examples: parcels with steep slopes and natural vegetation, drainage ways and ravines, surface water management areas and utility easements)
- Protected land, such as wetlands, lowlands and shorelines along waterways, lakes and ponds

Acquisition of natural resource areas and preserves serves to enhance the quality of the community by maintaining a portion of its natural amenities.



Greenways

Greenways have become one of the most popular family recreation amenities across the country. The value of greenways in terms of recreation, education and resource protection is invaluable. Greenways serve as linkages between cities, parks, schools, commercial areas and neighborhoods. They provide a safe mode of transportation that preserves the environment.



Typically, greenways can vary between 10 to 14 feet wide and can be paved or natural surface. When developing a greenway system, corridors where people will access the area easily should be identified. Greenways connect elements within the community and incorporate all the characteristics of the natural resource areas. Greenway corridors should be no less than 50 feet in width, except in neighborhoods, where 25 feet may be acceptable. Greenways can be located in a variety of settings and can be utilized

for active and passive recreation activities. In his article published in 1995, Julius Fabos, a former professor of Landscape Architecture at the University of Massachusetts, divides greenways into three categories: ecological, recreational and cultural.

Ecological greenways are typically located along natural environments such as rivers, ridgelines and coastal areas. These trails provide connections to nature, protect and maintain biodiversity, minimize development, and provide for wildlife migration across natural and manmade boundaries.

Recreational greenways commonly link elements that have diverse and significant landscapes. Many link rural areas to more urban locales and range from local trails to larger systems. Most are paved trails that accommodate pedestrians, skaters and bicycles.

Cultural greenways connect areas of significant historic value and culture. Economic benefits from these types of trails may be significant if linkages can be directed toward areas of commerce to provide an infrastructure for commuting.

Outdoor Facility Provision Targets

The 2011 Master Plan established standards for outdoor park facilities. **Table 3.1** below identifies those facilities and standards that were set in 2011. The table also includes a current inventory of facilities and determines the current and projected surplus or deficit of facilities based on population estimates and projections. The inventory includes only city-owned facilities, as these facilities are open for use by the general public. Not included are



facilities found on school properties, church properties or private facilities. While important in providing services to a community, public accessibility to these types of facilities is limited and is not counted in the city’s inventory for this master plan.

The information below provides the City with an understanding of the facilities that are needed in the short and long term so that it may appropriately anticipate and budget the expansion of the City’s park system.

Table 3.1: Outdoor Facility Provision Targets

Facility Type	Norcross-Specific Targets per Population	Current Facility Inventory - 2016	Norcross Facility Target Need Based on 2011 Population : 10,354	2011 Facility Target Deficit / Surplus	Norcross Facility Target Need Based on 2016 Population: 15,799	2016 Facility Target Deficit / Surplus	Norcross Facility Target Need Based on 2030 Population Estimates: 20,360	2030 Projected Facility Target / Deficit
Acres of Parkspace and Greenspace	6 per 1,000	81.61 acres	62.1 acres	19.51 acres	94.8 acres	-13.9 acres	122.2 acres	-40.59 acres
Informal Play Fields	1 per 3,000	1	4	-3	6	-5	7	-6
Basketball Courts	1 per 750 (ages 10-19)	1	2	-1	3	-2	5	-4
Splash Pads	1 per 1,000 (ages 0-9)	1	2	-1	3	-2	4	-3
Community Gardens	1 per 3,000	1	4	-3	6	-5	7	-6
Playground	Within 0.5 miles of every residential area	3	4 to 5	-1 to 2	5 to 6	-2 to 3	5 to 6	-2 to 3

Analysis of the chart above reveals that the city is currently deficient in each of the established facility targets. It is clear that additional parks and facilities are needed in the community. This is also consistent with the comments expressed during the public meeting and the community survey, indicating a desire for the above facilities. Without providing additional parkland and facilities, this deficit will only grow larger as the city’s population is anticipated to continue to increase.

Service Area Analyses

Park Gap Analysis

A gap analysis is an assessment of the service areas of facilities to determine if there are parts of a community that are being underserved, thus representing gaps in the overall service standard for each park category. The service area analysis begins by classifying



existing parks using the National Recreation and Park Association (NRPA) park categories, and identifying a service area for each.

Table 3.2: Park Acreage by Service Area

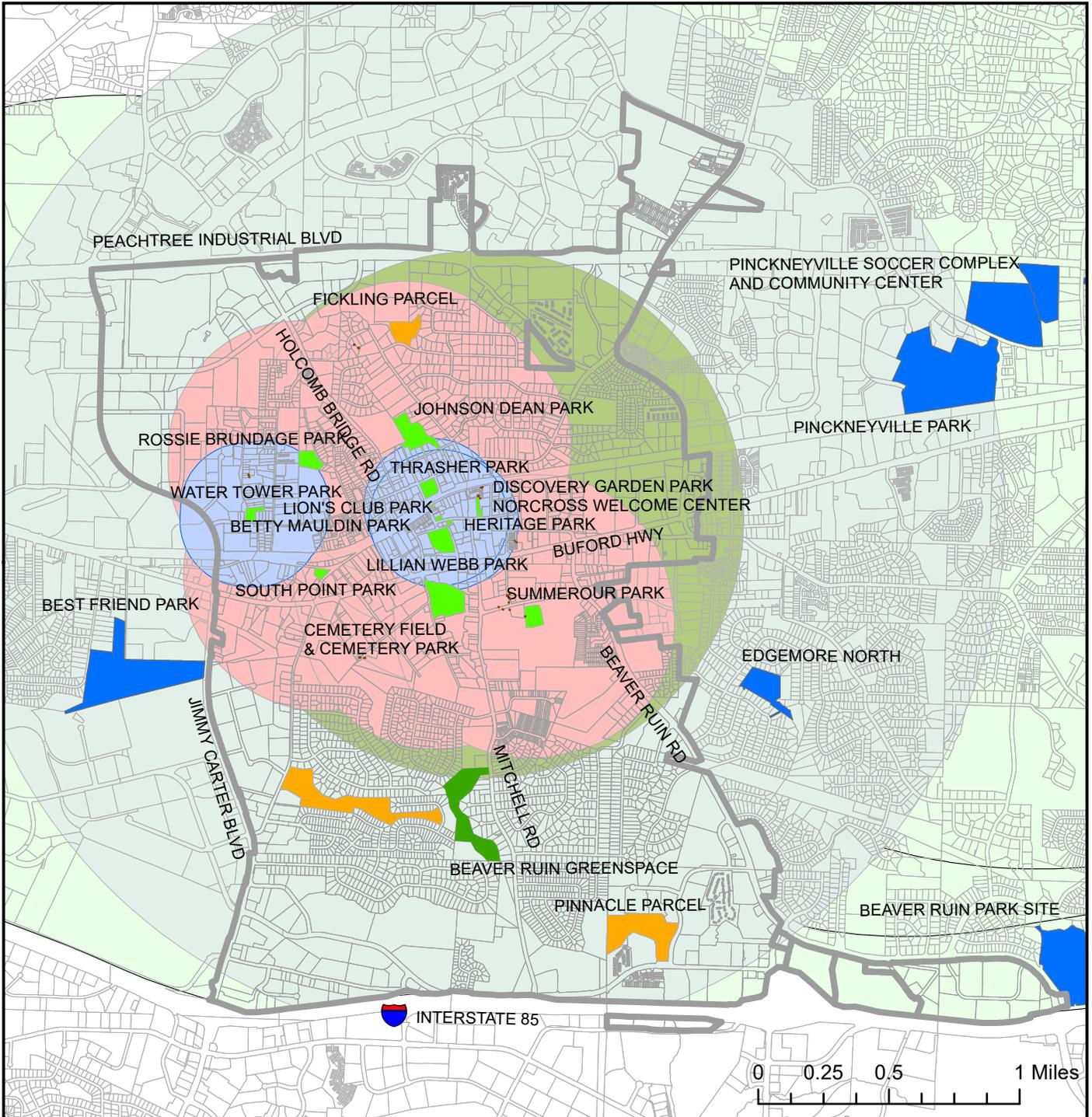
Service Areas	Classifications	Park Acreage	Total Park Acres
0.25 Miles	Mini-Parks / Playlots		0.72
	Betty Mauldin Park	0.32	
	Heritage Park	0.10	
	Lion's Club Park	0.10	
	Water Tower Park	0.20	
0.50 Miles	Neighborhood Parks		80.10
	Cemetery Field	7.00	
	Cemetery	4.75	
	Johnson-Dean Park	7.20	
	Lillian Webb Park	4.10	
	Rossie Brundage Park	4.00	
	South Point Park	1.00	
	Summerour Park	2.00	
	Thrasher Park	2.17	
	Undeveloped Neighborhood Park Properties		
	Fickling Parcel	6.46	
	Pinnacle Parcel	17.46	
	Margeson Parcels	23.96	
	Special Purpose Parks		0.79
2.0 miles	Discovery Garden	0.63	
1.0 miles	Welcome Center	0.16	
	Total Existing Acres		81.61

Figure 3.2 illustrates the service area analysis for *existing* parks, and is commonly called a gap analysis map. The service areas reflect the NRPA community park standard of .25 mile for mini parks and .5 mile for neighborhood parks. Norcross' Welcome Center reflects a 1.0-mile service area. A review of the map shows several areas in Norcross's city limits that are not covered by either the City-owned mini parks or neighborhood parks, thus leaving gaps in service. These areas are, however, covered by the County-owned community parks' 2.0-mile service area.

Playground Gap Analysis

Another analysis of the city's park facilities is a review of the distribution of playgrounds. The 2011 Master Plan set a target of a playground within a half-mile of every residence. There are currently three city-owned playgrounds in the parks system, located in Thrasher





Legend					
	City Boundary		City Owned Parks		County Owned Parks
	Undeveloped City Owned Open Space		Undeveloped County Owned Open Space		
	1/4 mile Mini Park Service Area		1/2 mile Neighborhood Park Service Area		2 mile County Park Service Area
	1 mile Special Purpose Park Service Area		2 mile Special Purpose Park Service Area		

Source:
City of Norcross



2016 Parks Master Plan Update
Figure 3.2 - Gap Analysis Map
Current Parks



Park, Rossie Brundage Park and Summerour Park. Considering the location of these three playgrounds, there are clearly gaps in the availability of such facilities throughout most of the city.

Gap Analyses Summary

A review of the gap analyses demonstrates areas where there are opportunities to provide park facilities to Norcross residents. Using the information provided in the community profile in **Section 1**, along with the gap analysis and established facility targets, the planning team recommends several new park facilities be provided in the newly annexed areas in the southern area of Norcross. The City should utilize the currently undeveloped City-owned open space of Pinnacle Park parcel for the development of a neighborhood park. Creation of a mini passive park with playground and pavilions should be developed on the west side of the Margeson parcel. **Figure 3.3** illustrates that by adding these parks to the Norcross parks system, the gaps in service to residents begins to close. However, gaps will remain in both coverage and facility targets even with these new parks.

In order for the city to address the gaps and facility target deficiencies, it is also recommended that the City undergo a feasibility study to investigate two additional areas of interest for lands that may be acquired to increase overall park system acreage and to provide capacity for additional facilities desired by the community. These parks would need to accommodate playfields, playgrounds, pavilions, splash pads and basketball courts, and will need to be large enough to accommodate the remaining facility deficiencies. The two areas recommended for further additional investigation, also shown on **Figure 3.3**, include the following:

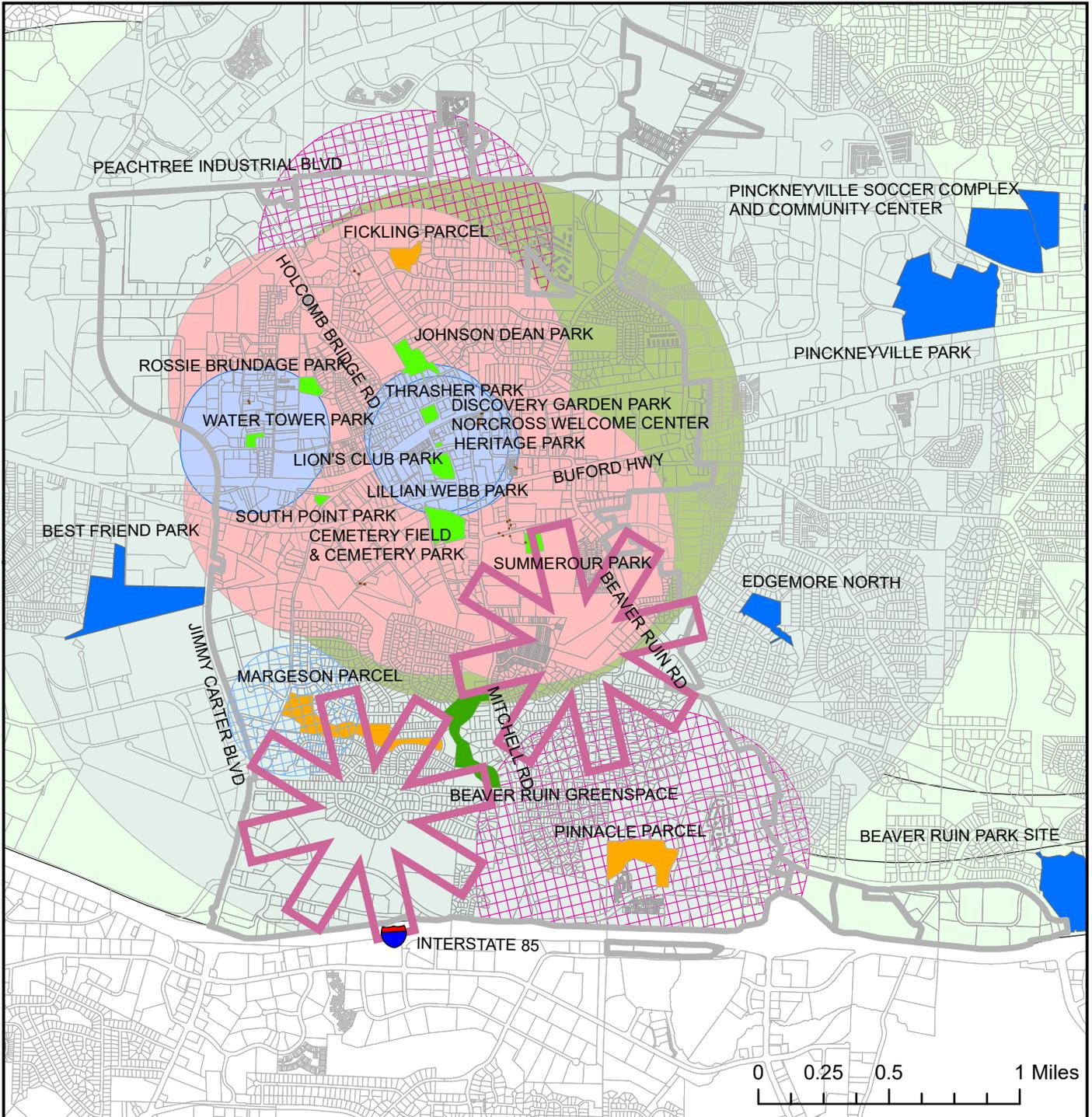
- East of Jimmy Carter Boulevard, southwest of Mitchell Road
- Northeast of Mitchell Road, north of the Pinnacle Parcel.

The addition of the parks and facilities will address both short and long term deficiencies in park facilities and parkland acreage, while also filling much-needed service gaps within the city.

Park Connectivity and Greenways

Several plans for connectivity within Norcross have been adopted in recent years. The 2011 Parks Master Plan established a connectivity plan for trails and greenways within Norcross and surrounding lands. It identified a number of connections and routes to link the City's parks in the-then city limits. In 2016, Norcross adopted the LCI Greenway Concept Study. This study identified potential bicycle and pedestrian routes to provide connections in the areas south of Downtown Norcross, while also addressing regional stormwater improvements. Additionally, Gwinnett County adopted its Open Space and Greenways Plan Update in 2014, which planned for greenway connections in and around Norcross to both City and County-owned properties. Incorporating these three plans, and locating gaps in the connectivity of the City's current and future parks and greenways, the planning team outlined additional routing to ultimately connect all pieces of the system.

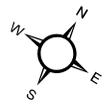




Legend

-  City Boundary
-  City Owned Parks
-  County Owned Parks
-  Undeveloped City Owned Open Space
-  Undeveloped County Owned Open Space
-  1/4 mile Mini Park Service Area
-  1/2 mile Neighborhood Park Service Area
-  1 mile Special Purpose Park Service Area
-  2 mile Special Purpose Park Service Area
-  2 mile County Park Service Area
-  1/4 mile Proposed Mini Park Service Area
-  1/2 mile Proposed Neighborhood Park Service Area
-  Proposed Search Area Neighborhood Park

Source:
City of Norcross



2016 Parks Master Plan Update
Figure 3.3 - Gap Analysis Map
Current and Future Parks



The development of these plans coincides with interest expressed by the community during the public input process of this 2016 Master Plan Update. Respondents consistently expressed a desire for greenways and trails, and noted Norcross's lack of such facilities as a reason that prevents individuals from using Norcross's parks. Survey respondents indicated they travel to other area communities for parks facilities due to the lack of greenways and trails in Norcross.

The following map, **Figure 3.4**, illustrates each of the routes identified in the 2011 Master Plan, the 2016 LCI Greenway Concept Study, and the Gwinnett County Open Space and Greenways Update. The gaps in connectivity are in the northwest and northeast sections of the city. Park connections can be made with sidewalk connectivity, utilizing the current sidewalk and adding additional sidewalk sections, also illustrated on the connectivity map. Once implemented, the existing City parks will be joined to one another, as well as to Norcross's neighborhoods, and to Downtown Norcross and other destinations. As new parks are added to the parks system, it is recommended that the City evaluate existing and potential routes to continue the connectivity.

Facility Recommendations

Assessing the information that has been gathered about the community, existing and recommended facilities, and public input, the following recommendations are presented. When viewed collectively, these recommendations reflect the development of a park system that is commonly found in other communities in the Metro Atlanta Region, and are also consistent with comments heard during the public input process and in the survey responses gathered during this master planning effort. Implementing these recommendations will allow the City to create, over time, a park system that reaches and serves all areas within the newly modified city boundary. The recommendations below and in the 2011 Parks Master Plan provide an adequate number of facilities to mitigate the outdoor facility target deficiencies that have been identified previously, and close existing gaps in service.

In implementing these recommendations for new parks and facilities, the City should take care in creating a unique park identity for each. While parks may offer some of the same types of facilities, such as a playground, the city can create environments that offer differing experiences for park visitors. This can be accomplished through the use of different styles of equipment, art installations, or by highlighting special park characteristics, such as a water feature or greenway trail.

Implement the Pinnacle Park Master Plan

The City has completed a master plan for Pinnacle Park, and has initiated construction on the drainage basin within the Pinnacle Park property. Development of this park in accordance with the adopted Pinnacle Park Master Plan will provide facilities to neighborhoods in the southeast section of Norcross, where no facilities currently exist. In addition to the facilities planned for in the master plan, it is recommended that a playground



be added to the park to meet the identified facility target of a playground within a half mile of each residential area. Incorporating land on the west side of this parcel, an area for an informal playfield can also be added.

New Neighborhood Parks

Two new neighborhood-level parks should be added to the City's parks system, not including the development of Pinnacle Park, discussed above. The size of these parks will need to be large enough to accommodate the remaining facility deficits for informal playfields, playgrounds, splash pads, and basketball courts, and will likely need to incorporate multiples of several of the facilities in order to eliminate the deficits identified in **Table 3.1**, above. The informal playfields would not need to be regulation size fields, but could be small or half-size fields. Associated amenities such as parking, pavilions, restrooms and park furnishings should also be included in any development of a new park. The parks should be located in the areas identified previously in order to provide park space and amenities to residents within the service area.

New Mini Park at the Margeson Parcel

The Margeson parcel provides opportunity to locate a small passive facility on the west side of this property, adjacent to Norcross Tucker Road. While the majority of this nearly 24-acre parcel is undevelopable due to the Beaver Ruin Creek tributary, there is area to accommodate a passive mini park containing a playground and pavilion that can serve the area neighborhoods. Utilization of the property in this manner allows the city to provide needed additional facilities, without additional land acquisition costs.

Examine Fickling Parcel for Park Site

As noted in the 2011 Parks Master Plan, the Fickling parcel is made up of a large detention basin and streams. In keeping with that plan, the City should examine the potential for utilizing the site for a City park, including a play area and other park amenities.

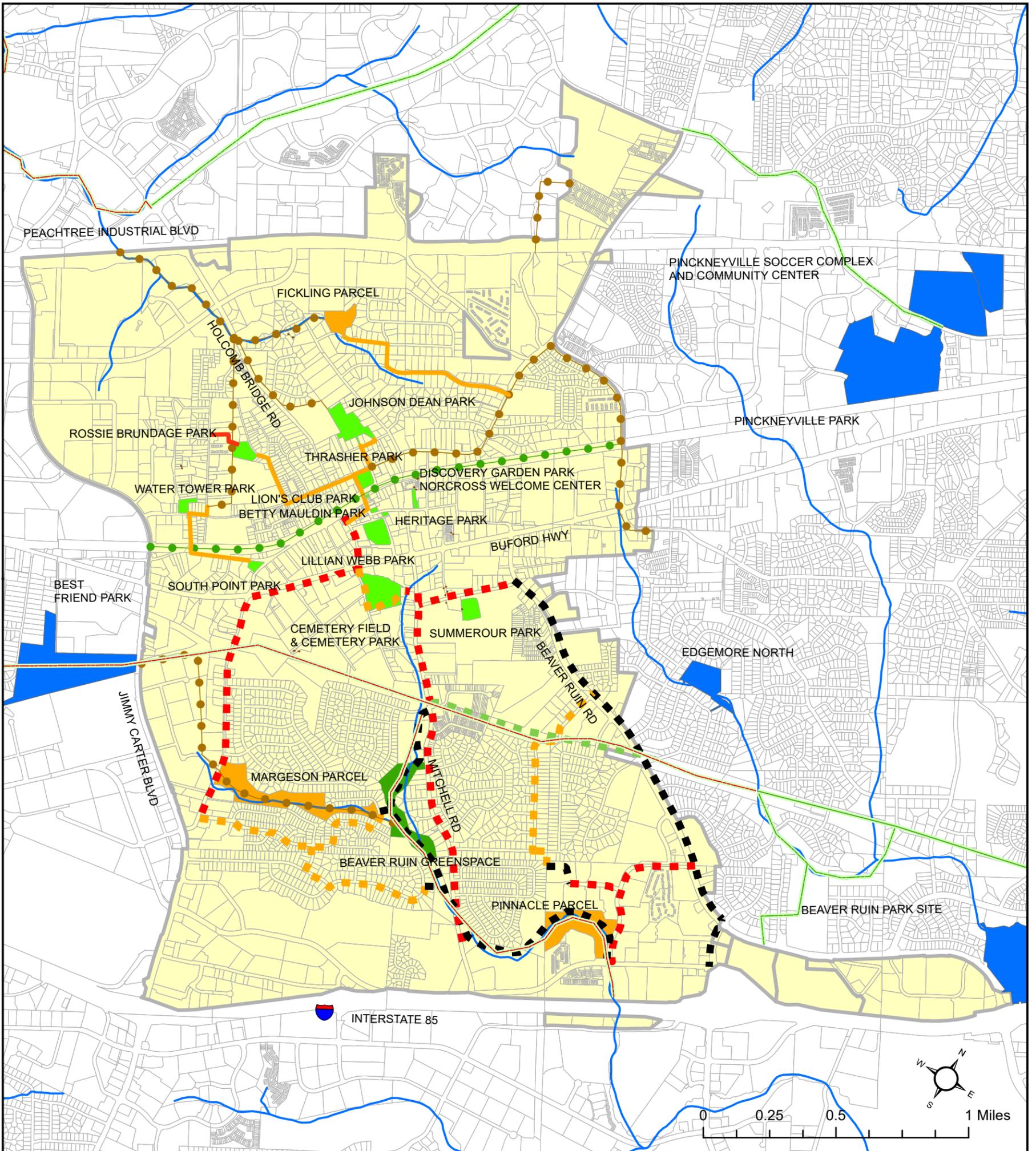
Complete Individual Park Recommendations

The 2011 Master Plan includes a series of recommendations for each of the current City parks. While a number of the recommendations have been implemented, as noted in **Table 4.1**, the City should continue to implement those remaining recommendations.

Implement Greenway Plans

Feedback gathered during the public input process indicated interest from the community in greenways and trails in Norcross. Implementation of the greenways plans will allow an additional means of recreation for Norcross's residents, and will provide a linear park system to connect residents to City parks and other community destinations.





Legend

- City Boundary
 - City Owned Parks
 - County Owned Parks
 - Undeveloped City Owned Open Space
 - Undeveloped County Owned Open Space
 - Rivers and Streams
- Gwinnett County Open Space & Greenway Master Plan**
- Gwinnett Proposed Greenway
 - Gwinnett Existing Greenway
- Norcross LCI Greenway Plan**
- Multi-Use Trail Adjacent to Roadway
 - Multi-Use Trail in Natural Area
 - Multi-Use Trail in Power Easement
 - Sidewalk & Sharrow
- 2011 Master Plan Proposed Connections**
- Proposed Greenway
 - Proposed Recreation Trail
- 2016 Master Plan Update Proposed Connections**
- Sidewalk
 - Proposed Trail

Source: City of Norcross and Gwinnett County



2016 Parks Master Plan Update
Figure 3.4 - Connectivity Plan





Section 4: Opinion of Probable Costs and Phasing

In order to develop a long term capital plan for improving and expanding the park system, opinions of probable cost for suggested park improvements are needed. Opinions of cost have been developed for the existing park facility recommendations of the 2011 Master Plan, as well as the recommended facilities of the 2016 Parks Master Plan Update, based on known costs. These opinions total just over \$13,743,000 in capital improvement needs for the next 10 years. A breakdown of these opinions of probable costs can be found in **Appendix A.3**.

The recommended facilities discussed in **Section 3: Facility Assessment and Recommendations** are needed to provide expanded recreation opportunities and improved service to Norcross's citizens, reducing overuse and overcrowding at existing parks. Land acquisition costs can vary greatly depending on a wide variety of factors. For this reason, City leadership will have to establish a reasonable goal over the coming years to determine how much of the recommended land acquisition mentioned in this report is feasible. However, the planning team has placed budgetary numbers for future parks based on known costs for comparably sized facilities with similar amenities.

The City is faced with a challenge in meeting the needs and desires of the community while maintaining a common sense approach to funding these goals. While public input indicated some opposition to raising taxes to improve the park system, survey findings indicate there is support to fund park improvements. Those who completed the survey funding question supported funding park improvements at a level of 70.3%, compared to 29.7% that did not support any type of funding. This is an indicator from the community that new or current funding sources should be directed to improving the parks.

Survey respondents also indicated support for tournaments and special events that generate tax revenues for the city and an increase in rental fees for facilities to increase revenues for park improvements. The City may wish to evaluate the current facilities and fee structure to determine if changes should be made. Evaluating current and future facilities for use for events and tournaments to generate revenues may also be considered by the city.



Status of 2011 Facility Recommendations

The 2011 Parks Master Plan included facility recommendations for the existing City parks. These recommendations include such items as installing directional signage, providing connections from neighborhoods to parks, and making repairs to existing structures. Since the adoption of that Parks Master Plan, the City has completed several of the recommendations, while others have not yet been completed or are in progress. A review of the recommendations by the City as a part of this 2016 Parks Master Plan Update resulted in the removal of two items from the list, due to information gathered since the 2011 plan was adopted, or due to changes near or around park facilities.

The planning team visited each City park and conducted an inventory of the recommendations to determine if those recommendations had been implemented, and confirmed with Department staff. **Table 4.1** below notes each of the 2011 facility recommendations for existing parks, the priority level assigned in 2011, and the status of those recommendations. Following the table is a discussion of changes that have been requested by Department staff.

Table 4.1: Status of 2011 Facility Recommendation Priorities

Facility Recommendation Priorities - 2011 Master Plan			
Park	Recommendation	2011 Priority	Current Status
Betty Mauldin Park			
	Add additional interpretive signage on elm tree.	Medium	In progress
	Install public art on newly constructed pad(s).	Medium	Not complete
Cemetery Field			
	Work with the County and utility owners to create additional parking in the power easement to the southeast and to light existing parking lots.	Medium	Not complete
City Cemetery			
	Refurbish the historical pavilion.	High	Complete
	Install fencing and gates around the site.	High	Complete
	Provide parking for cemetery.	Low	Not complete
Heritage Park			
	Install public art on provided pad.	High	Not complete
Johnson-Dean Park			
	In the short-term, secure the existing structures to assist with their future preservation.	High	Not Complete
	In the longer-term, implement the master plan recently proposed for this park.	Low	In progress (1-mile of trail, fencing, bike rack and park signage complete)



Lillian Webb Park			
	Install shade structures around splash pad.	High	Complete
	Provide sidewalk connection without steps to lower park from upper terrace.	Medium	Not complete
Lion's Club Park			
	Install shade trees.	Low	Not complete
Rossie Brundage Park			
	Install wayfinding and park signs at the corner of Autry and West Peachtree Street.	High	Not complete
	Consider options for improving access from neighborhoods to the west, including land acquisition and the development of a small bridge over the adjacent stream.	High	In progress
	Throughout the park, add rules and regulations signage for use of various facilities.	Low	Not complete
South Point Park			
	Install waste receptacle.	Medium	Complete
	Install public art and flowers at prominent gateway location.	Low	Not complete
Thrasher Park			
	Replace recently lost shade trees.	High	Complete
	Install missing benches on existing pads.	Low	Complete
	Install public art in locations supported by the Thrasher Park Master Plan	Medium	Complete
Water Tower Park			
	Install signage that matches with other City parks.	High	Not complete
	Provide parking at this park by reconfiguring existing land and fencing as needed.	Medium	Not complete

Among those recommendations in 2011 were two additional items. Department staff have requested these items be removed from the list of recommended improvements for various reasons. Those items are:

- **Rossie Brundage Park:** *Expand the development of the park into the wooded areas to include a trail or additional basketball court.*
 - The City has recently made repairs to the existing basketball court and replaced the basketball goals. Adding an additional court would require land acquisition and major earthwork.
 - A trail is being installed with the cooperation of a neighboring developer which will provide access from Hunter Street into the park property.
- **Water Tower Park:** *Along with residents and local organizations, consider establishing a small community garden at this site.*
 - Recent examination of the Water Tower Park revealed that the site was not appropriate for a community garden. Additionally, the City is currently



constructing the Discovery Garden Park in Downtown Norcross. This facility will contain multiple community garden plot, and is centrally located within the city.

Ten-Year Spending and Phasing Plan

Figure 4.1 shows a ten-year phasing plan that has been developed to implement the facility recommendations of the 2011 Parks Master Plan and the 2016 Parks Master Plan Update. Not included in the spending plan are costs associated with the City's proposed greenway and connectivity plan. The City has stated that funds for these projects are anticipated to be paid for with transportation funds, grants and other sources. While these facilities contribute to the city's overall open space, they can also serve as a means of alternative transportation.

Implementation of the ten-year spending plan is divided into three tiers to coincide with the facility recommendations discussed in **Section 3**. **Tier One** projects are to be completed in the next 24 months; **Tier Two** projects are to be completed within the next 72 months, in conjunction with the City's 6-year SPLOST program; and **Tier Three** projects are to be completed within 120 months.



Figure 4.1

EXISTING PARK RENOVATIONS	TIER 1		TIER 2				TIER 3				Future	TOTAL	
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026			
Betty Mauldin Park				\$23,000									\$23,000
Cemetary Field		\$128,500											\$128,500
City Cemetary		\$90,500											\$90,500
Discovery Garden Park*				\$350,000									\$350,000
Heritage Park				\$23,000									\$23,000
Johnson-Dean Park**			\$765,000										\$765,000
Lillian-Webb Park					\$122,500								\$122,500
Lion's Club Park	\$6,500												\$6,500
Rossie Brundage Park	\$86,000												\$86,000
South Point Park						\$26,500							\$26,500
Water Tower Park				\$122,000									\$122,000
RENOVATIONS TOTAL	\$92,500	\$219,000	\$765,000	\$518,000	\$122,500	\$26,500	\$0	\$0	\$0	\$0	\$0	\$0	\$1,743,500
NEW PARK, FACILITY CAPITAL COSTS													
New Neighborhood Park #1***								\$3,750,000					\$3,750,000
New Neighborhood Park #2***										\$3,750,000			\$3,750,000
New Mini Park at Margeson Parcel					\$1,000,000								\$1,000,000
Pinnacle Park*		\$2,000,000											\$2,000,000
Pinnacle Park Playground and Playfield - Program Expansion			\$1,500,000										\$1,500,000
New Park and Facility Total	\$0	\$2,000,000	\$1,500,000	\$0	\$1,000,000	\$0	\$0	\$3,750,000	\$0	\$3,750,000	\$0	\$0	\$12,000,000
LAND ACQUISITION COSTS													
Park Land Acquisition	TBD												
LAND ACQUISITION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
YEARLY TOTAL	\$92,500	\$2,219,000	\$2,265,000	\$518,000	\$1,122,500	\$26,500	\$0	\$3,750,000	\$0	\$3,750,000	\$0	\$0	\$13,743,500

* Discovery Garden Park and Pinnacle Parcel development costs per City of Norcross. ** Includes estimates from City of Norcross for historic building restoration. ***Estimates. Land acquisition not included.

Tier1 and Tier 2 TOTAL	\$6,243,500
Tier3 TOTAL	\$7,500,000
TOTAL	\$13,743,500
FUTURE	\$0
Existing Funding	
Total Funds Needed for Tier 1 and 2	\$6,243,500

GRAND TOTAL \$13,743,500

Ten Year Average Spending	\$1,374,350.00
Per Capita (15,799) Spending 2017	
Population (2016 estimate):	\$86.99
Per Household (5,487) Spending 2017	\$250.47
Monthly Spending Per Household	\$20.87



Appendix

A.1: Works Cited

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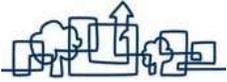
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A.2: Community Survey Questions





**Norcross Parks Master Plan Update
Community Survey**

Dear Resident:

Welcome to the Norcross Parks Master Plan Update Community Survey. The City of Norcross is updating the current Parks Master Plan to address parks needs in areas that have been annexed since the adoption of the 2011 Plan. A major component of this process is extensive public input, including this community survey.

Your participation in this survey is crucial in determining the future of parks facilities and programming in these newly annexed areas. Even if you do not currently participate in any park programs or utilize the park system in any way, your survey answers will still be important.

Thank you for your time and valuable input.

Sincerely,
Mary Beth Bender
Director
Public Works, Utilities and Parks/ACM
City of Norcross

-----English-Spanish Translation-----

Estimado Residente:

Bienvenida a los Norcross parque actualizacion del plan maestro comunidad encuesta. La ciudad de Norcross es la actualizacion de los parques actuales de plan maestro para hacer frente a las necesidades del parque en areas que se han adjuntado desde la aprobacion del plan de 2011. Un componente importante de este proceso es una amplia contribucion publica, que incluye esta encuesta en la comunidad.

Su participacion en esta encuesta es crucial para determinar el futuro de las instalaciones del parque y programacion en estas zonas recientemente anexados. . Incluso si usted no participa en ninguna manera las respuestas de la encuesta seguiran siendo importantes.

Gracias por su tiempo y valiosa aportacion.

Sinceramente

Mary Beth Bender
Director
Trabajos Publicos, Utilidades y Parques/ACM
Ciudad de Norcross



**Norcross Parks Master Plan Update
Community Survey**

* 1. In 2011 the City of Norcross completed its parks and recreation master plan. At the time, the City's boundaries did not extend to the newly annexed areas shown in the map below. The purpose of this current study is to determine how best to extend the 2011 Parks and Recreation Master Plan recommendations to the citizens living in the newly annexed areas.

Below is a Norcross map that identifies the study area that the update to the Parks Master Plan will address.

Do you live within the area highlighted in BLUE on the map below?

-----English-Spanish Translation:-----

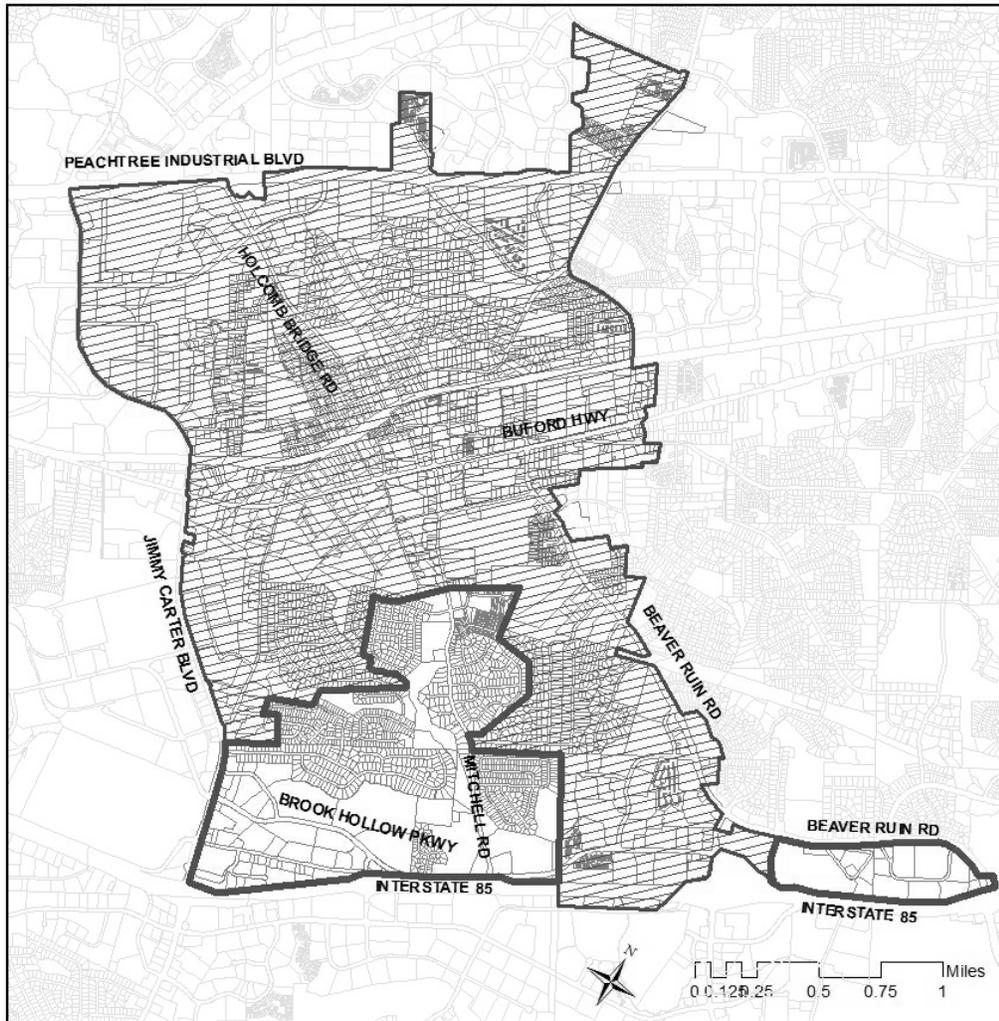
En 2011 la ciudad de Norcross termino sus parques y plan maestro de reconstruccion. En ese tiempo, las fronteras de la ciudad no se extendio a las zonas recién anexas mostrados en el siguiente mapa. El proposito de este estudio es determinar la mejor manera de ampliar los parques y 2011 parques y maestro de recreacion recomendaciones a los ciudadanos que viven en las zonas recientemente anexados.

A continuacion es un mapa de Norcross que indentifica el area de estudio que la actualizacion del plan maestro de parques

¿Vive usted dentro la zona resaltada en azul en el siguiente mapa?

- Yes (SI)
- No (No)
- I do not know (No se)

Norcross Parks Study Area Map
 (Norcross parques area de estudio)



Legend:
 Norcross City Limits Inside Study Area
 Norcross City Limits Outside Study Area

Source:
 City of Norcross



2016 Parks Master Plan Update
 Study Area Map





Norcross Parks Master Plan Update Community Survey

2. The 2011 Parks and Recreation Master Plan recommended several priorities for Norcross. They are listed below. Please help us determine the priority for the implementation of these recommendations for the newly annexed areas of Norcross, shown in blue in the map in Question #1. Rank these in order of the facilities you desire most, to those you desire least, with #1 being the facility you desire the most and #6 the facility you desire the least.

(El maestro de parques y recreacion plan de 2011 recomendo varias prioridades de Norcross. Que se enumeran a continuacion. Por favor, nos ayudan a determinar la prioridad para la aplicacion de estos areas recientemente anexados de Norcross, resultada en azul en el siguiente mapa en cuestion #1. Clasificar estos con el fin de las instalaciones que desea la mayoria y #6 que desea el menor.)

<input type="checkbox"/>	<input type="text"/>	Informal play fields (Corralitos informales)
<input type="checkbox"/>	<input type="text"/>	Basketball courts (Canchas de baloncesto)
<input type="checkbox"/>	<input type="text"/>	Volleyball courts (Canchas de voleibol)
<input type="checkbox"/>	<input type="text"/>	Playgrounds (Parques Infantiles)
<input type="checkbox"/>	<input type="text"/>	Splash pads (Almohadillas contra salpicaduras)
<input type="checkbox"/>	<input type="text"/>	Community gardens (Jardines de la comunidad)

3. In addition to the facilities listed above, are there any other facilities you would like to see in the newly annexed areas? If yes, please provide those below.

(¿Ademas de las instalaciones mencionadas anteriormente, hay otras instalaciones que le gustaria ver en la nueva zona anexa? En caso afirmativo proporcionar los de abajo.)



**Norcross Parks Master Plan Update
Community Survey**

4. How would you rate the events and facilities provided by Norcross Parks and Recreation?
(¿Como calificaria los eventos e instalaciones proporcionados por Norcross Parques y recreacion?)

- Consistently high quality (Todas son de una alta calidad)
- Consistently good (Son consistentemente buenas)
- Quality varies with programs (Cada programa varia en la calidad)
- Consistently poor quality (Son consistentemente malas)

5. Overall, how well do you think the following facilities, programs and activities provided by Norcross are currently meeting the needs of the community? Please check appropriate response. (En general que tan bien cree usted que las siguientes instalaciones, programas y actividades proporcionado por Norcross se estan satisfaciendo las necesidades de la comunidad, por favor marque la repuesta apropiada.)

	Not Enough (Insuficiente)	Almost Enough (Casi suficiente)	Enough (Suficiente)	Too Many (Demasiado)
Parks/Park Land (Parques / tierra del parque)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trails/Greenways (Senderos / vías verdes)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recreation Programs/Activities (Programas y actividades de recreación)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Athletic Facilities (Facilidades atléticas)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fitness Programs/Activities (Programas y actividades de mantenimiento fisico)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Senior/Active Adult Programs (Programas para adultos mayores en activo)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Special Events: Summer Concert Series, Red White and Boom Independence Day Celebration, BooFest Halloween Celebration (Eventos especiales como la serie de concierto de verano, Rojo blanco celebracion de la independencia, vispera de todos los Santos)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. Using the list below, indicate how often you take part in the following parks and recreation programs:
 (Usando la lista de abajo, indice con que frecuencia usa las siguientes programas de parque y recreación:)

Very Often (Con mucha frecuencia)	Often (A menudo)	Occasionally (De vez en cuando)	Never (Nunca)
---	---------------------	---------------------------------------	------------------

Individual Activity - walking, bicycling, picnicking, flying kites, instructional program, visiting a playground and/or skateboarding (Actividad individual: caminando, montando en bicicleta, haciendo un picnic, volando una cometa, asistiendo a un clase, visitando un patio de recreo, y / o andando en monopatín)

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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Organized Group Activity - soccer, t-ball, softball, creative arts, boxing, yoga and/or Actividad de grupo organizado- futbol, t-ball, softball, artes creativas, yoga, y/o el tenis)

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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Special Events: Summer Concert Series, Red White and Boom Independence Day Celebration, BooFest Halloween Celebration ((Eventos especiales como la serie de concierto de verano, Rojo blanco celebracion de la independencia, vispera de todos los

<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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**Norcross Parks Master Plan Update
Community Survey**

7. For each of the parks listed below, please indicate how often you and or members of your household have visited in the past year. (Usando la lista de abajo, indice la frecuencia con la que Usted o su familia ha visitado cada parque en el año pasado)

	1-5 visits (1-5 visites)	6-11 visits (6- 11 visites)	12 or more visits (12 o más visites)	No visits this year (No he visitado este año)	Not aware of this park (No sé acerca de este parque)
Betty Mauldin Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cemetery Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heritage Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Johnson-Dean Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lillian Webb Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lion's Club Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rossie Brundage Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
South Point Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thrasher Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Summerour Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water Tower Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

8. Please indicate if any of the following prevents you and/or members of your household from using Norcross' parks, facilities or trails. Please check all that apply.
(Por favor indique si alguno de los siguientes previene usted o miembros de su hogar desde utilizando Norcross's parques, instalaciones, o caminos. Marque todo lo que corresponda.)

- Not interested in recreation (No tengo / tenemos interés en recreación)
- Lack of money (No tengo / tenemos suficiente dinero)
- Not aware of facilities available (No sé / sabemos acerca de las facilidades disponibles)
- Accessibility concerns, i.e. lacks wheelchair access, lacks sidewalk or pedestrian access (Preocupaciones de accesibilidad, por ejemplo; sin acceso en silla de ruedas, sin aceras, sin acceso peatonal)
- Don't feel safe at the city's park facilities (No se siente seguro en las instalaciones del parque de la ciudad)
- Belong to private organization that meets my recreation needs (Soy / somos miembro(s) de un club privado que provee todos mis / nuestras necesidades recreos)
- Lack of amenities – please explain (Hay una falta de amenidades (favor de explicar abajo))



**Norcross Parks Master Plan Update
Community Survey**

9. Please place a check next to the Youth Sports that you OR members of your family have and/or would like to participate in, if it were available: (¿Cuáles son las deportes juveniles en que Usted o su familia ha jugado o quiere jugar? Favor de elegir todo lo que se aplica.)

	Have Participated (He/hemos jugado)	Would Like to Participate (Quiero/queremos jugar)
1. Youth Sports: Archery (Deportes Juveniles: Tiro con arco)	<input type="checkbox"/>	<input type="checkbox"/>
2. Youth Sports: Baseball League (Deportes juveniles: Liga de béisbol)	<input type="checkbox"/>	<input type="checkbox"/>
3. Youth Sports: Basketball League (Deportes juveniles: Liga de baloncesto)	<input type="checkbox"/>	<input type="checkbox"/>
4. Youth Sports: Cheerleading (Deportes juveniles: Porristas)	<input type="checkbox"/>	<input type="checkbox"/>
5. Youth Sports: Disc Golf League (Deportes juveniles: Liga de disc golf)	<input type="checkbox"/>	<input type="checkbox"/>
6. Youth Sports: Flag Football (Deportes juveniles: Flag football)	<input type="checkbox"/>	<input type="checkbox"/>
7. Youth Sports: Indoor Soccer (Deportes juveniles: Fútbol sala)	<input type="checkbox"/>	<input type="checkbox"/>
8. Youth Sports: Lacrosse League (Deportes juveniles: Liga de lacrosse)	<input type="checkbox"/>	<input type="checkbox"/>
9. Youth Sports: Select Soccer League (Deportes juveniles: Liga de fútbol selectivo)	<input type="checkbox"/>	<input type="checkbox"/>
10. Youth Sports: Skating/Skateboarding (Deportes juveniles: Patinaje / andando en monopatín)	<input type="checkbox"/>	<input type="checkbox"/>
11. Youth Sports: Soccer League (Deportes juveniles: Liga de fútbol)	<input type="checkbox"/>	<input type="checkbox"/>
12. Youth Sports: Softball - Fast Pitch (Deportes juveniles: Liga de softball de lanzamiento rápido)	<input type="checkbox"/>	<input type="checkbox"/>
13. Youth Sports: Special Needs League (Deportes juveniles: Liga de necesidades especiales)	<input type="checkbox"/>	<input type="checkbox"/>
14. Youth Sports: Sports Camp (Deportes juveniles: El Campo Deportivo)	<input type="checkbox"/>	<input type="checkbox"/>
15. Youth Sports: Swim Team (Deportes juveniles: Equipo de natación)	<input type="checkbox"/>	<input type="checkbox"/>
16. Youth Sports: Tackle Football (Deportes juveniles: Fútbol americano)	<input type="checkbox"/>	<input type="checkbox"/>
17. Youth Sports: Tennis Programs (Deportes juveniles: Programas de tenis)	<input type="checkbox"/>	<input type="checkbox"/>
18. Youth Sports: Track Team (Deportes juveniles: Equipo de atletismo)	<input type="checkbox"/>	<input type="checkbox"/>
19. Youth Sports: Travel Baseball League (Deportes juveniles: Liga de béisbol de viajes)	<input type="checkbox"/>	<input type="checkbox"/>
20. Youth Sports: Volleyball (Deportes juveniles: Voleibol)	<input type="checkbox"/>	<input type="checkbox"/>



**Norcross Parks Master Plan Update
Community Survey**

10. Please place a check next to the Adult Sports that you OR members of your family have and/or would like to participate in, if it were available. (¿Cuáles son las Deportes para Adultos en que Usted o su familia ha jugado o quiere jugar? Favor de elegir todo lo que se aplica.)

	Have Participated (He / hemos jugado)	Would Like to Participate (Quiero / queremos jugar)
21. Adult Sports: Baseball Leagues (Deportes para Adultos: Liga de béisbol)	<input type="checkbox"/>	<input type="checkbox"/>
22. Adult Sports: Co-ed Basketball (Deportes para Adultos: Liga coed de baloncesto)	<input type="checkbox"/>	<input type="checkbox"/>
23. Adult Sports: Co-ed Volleyball (Deportes para Adultos: Liga coed de Voleibol)	<input type="checkbox"/>	<input type="checkbox"/>
24. Adult Sports: Disc Golf Leagues (Deportes para Adultos: Liga de disc golf)	<input type="checkbox"/>	<input type="checkbox"/>
25. Adult Sports: Flag Football Leagues (Deportes para Adultos Liga de flag football)	<input type="checkbox"/>	<input type="checkbox"/>
26. Adult Sports: Indoor Soccer (Deportes para Adultos: Liga de fútbol sala)	<input type="checkbox"/>	<input type="checkbox"/>
27. Adult Sports: Kickball Leagues (Deportes para Adultos: Liga de kickball)	<input type="checkbox"/>	<input type="checkbox"/>
28. Adult Sports: Outdoor Fitness Classes (Deportes para Adultos: Clases de ejercicio al aire libre)	<input type="checkbox"/>	<input type="checkbox"/>
29. Adult Sports: Soccer (Deportes para Adultos: Fútbol)	<input type="checkbox"/>	<input type="checkbox"/>
30. Adult Sports: Softball Leagues (Deportes para Adultos: Liga de softball)	<input type="checkbox"/>	<input type="checkbox"/>
31. Adult Sports: Special Needs Leagues (Deportes para Adultos: Liga de necesidades especiales)	<input type="checkbox"/>	<input type="checkbox"/>
32. Adult Sports: Swim Team (Deportes para Adultos: Equipo de natación)	<input type="checkbox"/>	<input type="checkbox"/>
33. Adult Sports: Tennis (team) (Deportes para Adultos: Tenis (Equipo de))	<input type="checkbox"/>	<input type="checkbox"/>
34. Adult Sports: Ultimate Frisbee (Deportes para Adultos: Ultimate frisbee)	<input type="checkbox"/>	<input type="checkbox"/>
35. Adult Sports: Under 50 Basketball Leagues (Deportes para Adultos: Liga de baloncesto (meñores de 50 años))	<input type="checkbox"/>	<input type="checkbox"/>
36 Adult Sports: Volleyball Leagues (Deportes para Adultos: Liga de Voleibol)	<input type="checkbox"/>	<input type="checkbox"/>

11. Please place a check next to the Active Adult Programs (55+) that you OR members of your family have and/or would like to participate in, if it were available. (¿Cuáles son las Programa para Adultos Mayores en Activo (55+) en que Usted o su familia ha participado o quiere participar? Favor de elegir todo lo que se aplica.)

	Have Participated (He / hemos participado)	Would Like to Participate (Quiero / queremos participar)
37. Aerobics Classes (Clases de aeróbic)	<input type="checkbox"/>	<input type="checkbox"/>
38. Aquatic Aerobics (Aeróbic acuático)	<input type="checkbox"/>	<input type="checkbox"/>
39. Archery Classes/Team (Tiro con arco (clases o equipo))	<input type="checkbox"/>	<input type="checkbox"/>
40. Bingo (Bingo)	<input type="checkbox"/>	<input type="checkbox"/>
41. Board Game Tournaments (Torneo de juegos de mesa)	<input type="checkbox"/>	<input type="checkbox"/>
42. Bowling (Juego de bolos)	<input type="checkbox"/>	<input type="checkbox"/>
43. Card Tournaments (Torneo de juegos de cartas)	<input type="checkbox"/>	<input type="checkbox"/>
44. Computer Classes (Clases de la computación)	<input type="checkbox"/>	<input type="checkbox"/>
45. Cooking Classes (Clases de cocina)	<input type="checkbox"/>	<input type="checkbox"/>
46. Dance Classes (Clases de baile)	<input type="checkbox"/>	<input type="checkbox"/>
47. Fly Fishing Classes (Clases de pesca con mosca)	<input type="checkbox"/>	<input type="checkbox"/>
48. Gardening (Jardinería)	<input type="checkbox"/>	<input type="checkbox"/>
49. Geo-caching Classes (Clases de geo-caching)	<input type="checkbox"/>	<input type="checkbox"/>
50. Golf Tournaments (Torneo de golf)	<input type="checkbox"/>	<input type="checkbox"/>
51. Health/Fitness Classes (Clases de salud / ejercicio)	<input type="checkbox"/>	<input type="checkbox"/>
52. iPhone/mobile phone Classes (Clases de teléfonos celulares (como el iPhone))	<input type="checkbox"/>	<input type="checkbox"/>
53. Nature Programs (Actividades en la naturaleza)	<input type="checkbox"/>	<input type="checkbox"/>
54. Photography Classes (Clases de fotografía)	<input type="checkbox"/>	<input type="checkbox"/>
55. Quilting (Clases de acolchados)	<input type="checkbox"/>	<input type="checkbox"/>
56. Running Club (Club de corredores)	<input type="checkbox"/>	<input type="checkbox"/>
57. Senior Games (Torneos para adultos mayores)	<input type="checkbox"/>	<input type="checkbox"/>
58. Senior Trips (Viajes para adultos mayores)	<input type="checkbox"/>	<input type="checkbox"/>
59. Shuffle Board Leagues (Liga de juegos de tejo)	<input type="checkbox"/>	<input type="checkbox"/>
60. Walking Club (Club de caminar)	<input type="checkbox"/>	<input type="checkbox"/>



**Norcross Parks Master Plan Update
Community Survey**

12. Please place a check next to the Special Events, Classes and General Park Activities that you OR members of your family have and/or would like to participate in, if it were available. (¿Cuáles son los Eventos Especiales, Clases o Actividades Generales de la Sistema de Parques en que Usted o su familia ha participado o quiere participar? Favor de elegir todo lo que se aplica.)

	Have Participated (He / hemos participado)	Would Like to Participate (Quiero / queremos participar)
61. 5K Races/Triathlons (Carreras 5K / Triatlón)	<input type="checkbox"/>	<input type="checkbox"/>
62. Aerobics/Group Exercise (Aérobic / Ejercicio en grupo)	<input type="checkbox"/>	<input type="checkbox"/>
63. Aquatics Fitness Classes (Clases de Acuático)	<input type="checkbox"/>	<input type="checkbox"/>
64. Bicycle Safety (Seguridad en la bicicleta)	<input type="checkbox"/>	<input type="checkbox"/>
65. Bocce/Shuffleboard (Bocce / juegos de tejo)	<input type="checkbox"/>	<input type="checkbox"/>
66. Boxing Lessons (Clases de boxeo)	<input type="checkbox"/>	<input type="checkbox"/>
67. Cell Phone/Smart Phone Class (Clases de teléfonos celulares (como el iPhone))	<input type="checkbox"/>	<input type="checkbox"/>
68. Challenge/Ropes Course (Talleres de Cuerdas)	<input type="checkbox"/>	<input type="checkbox"/>
69. Classes for People with Special Needs (Clases para personas con necesidades especiales)	<input type="checkbox"/>	<input type="checkbox"/>
70. Computer Classes (Clases de la computación)	<input type="checkbox"/>	<input type="checkbox"/>
71. Cooking Classes (Clases de cocina)	<input type="checkbox"/>	<input type="checkbox"/>
72. Dance Classes -Ballet, Jazz, Hip-Hop, etc.) (Clases de baile -ballet, jazz, hip hop)	<input type="checkbox"/>	<input type="checkbox"/>
73. Disc Golf (Disc Golf)	<input type="checkbox"/>	<input type="checkbox"/>
74. Gardening (Jardinería)	<input type="checkbox"/>	<input type="checkbox"/>
75. Martial Arts Lessons (Artes marciales)	<input type="checkbox"/>	<input type="checkbox"/>
76. Pavilion Rental (Alquilar de pavilión)	<input type="checkbox"/>	<input type="checkbox"/>
77. Tai Chi or Qi Gong Classes (Clases de tai chi o qi gong)	<input type="checkbox"/>	<input type="checkbox"/>
78. Yoga (Yoga)	<input type="checkbox"/>	<input type="checkbox"/>
79. Zumba Fitness Class (Clases de zumba)	<input type="checkbox"/>	<input type="checkbox"/>



**Norcross Parks Master Plan Update
Community Survey**

13. Not counting MARTA or other large public transportation systems, do you have access to private vehicular transportation? Either your own private vehicle, or a shared vehicle with friends and relatives?
(¿ Tiene acceso a transporte privado (su propio automóvil o un que comparte con familia o amigos)? Favor de excluir MARTA u otro sistema público de transporte.)

Yes (SI)

No (No)

Other (please specify) Otra (favor de especificar)

14. Please indicate if you agree, disagree or do not know about the following statements (Favor de indicar si está de acuerdo, si no está de acuerdo o si falta una opinión sobre las siguientes declaraciones:)

	Agree (Estoy de acuerdo)	Disagree (No estoy de acuerdo)	No opinion (Falto una opinión)
Advertisements about upcoming events and programs are adequate (Anuncios sobre eventos y programas son suficientes)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Additional sport fields are needed (Se necesita más campos deportivos)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Additional meeting/program space is needed (Se necesita más aulas para clases y programas)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Additional cultural arts events are needed (Se necesita más eventos culturales y artísticos)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Norcross Parks and Recreation Department maintains a good image in the community (El Departamento de Parques y Recreación de la ciudad de Norcross mantiene una buena imagen en el comunidad.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Compared to other priorities (public safety, streets, utilities, schools), parks and recreation is important to a community (En comparación con con otras prioridades (seguridad publico, calles, servicios públicos, escuelas), los parques y el recreo son importantes a la comunidad)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand the role of Norcross Parks and Recreation Department in our community (Entiendo el papel del Departamento de Parques y Recreación en la ciudad de Norcross)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am able to contact parks and recreation staff for information easily (Es fácil obtener información del empleados del Departamento de Parques y Recreación)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel safe when visiting a park or recreation facility in the City of Norcross (Siento seguro(a) cuando visito parques o facilidades de recreo en la ciudad de Norcross)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel that I have good access to a park (Tengo buen acceso a un parque)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Parks are well distributed (Los parques son bien distribuidos por la ciudad)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am willing to be a volunteer to improve our parks (Estoy dispuesto(a) a ser un voluntario(a) para mejorar nuestros parques)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

15. How far would you be willing to walk, drive or ride a bicycle to parks and recreation facilities if safe multi-use trails, sidewalks or bicycle lanes were provided throughout the city? (¿Si había senderos, aceras, y ciclovías seguros, que distancia caminaría, andaría en bicicleta o conduciría a parques y facilidades de recreo?)

	Walk (Caminar)	Drive (Conducir)	Ride a Bike (Andar en bicicleta)
Check ONE choice per drop-down menu (Elija una respuesta por cada opción)	<input type="text"/>	<input type="text"/>	<input type="text"/>

If you would not walk or bicycle, why? (Si no caminaría o montaría en bicicleta, ¿porque no?)



**Norcross Parks Master Plan Update
Community Survey**

16. Do you travel outside Norcross to use parks and recreation facilities? (¿Viaja afuera de Norcross para usar parques y facilidades recreos?)

- Yes (SI)
- No (No)

If so, where? (Si la respuesta es "sí," ¿A donde viaja?)

17. If you answered "yes" to the question above, please check the factors that influence your decision to use these other facilities. (SI responde "SI" en la pregunta arriba, favor de elegir los factores que le influyen a su decisión a usar estas otras facilidades.)

	Yes (SI)	No (No)
They are closer to my residence (Son más cerca a mi casa)	<input type="radio"/>	<input type="radio"/>
They offer facilities that are not available through Norcross Parks and Recreation (Ofrecen facilidades que Norcross no ofrece)	<input type="radio"/>	<input type="radio"/>
They offer better quality facilities (Las facilidades son de una mejor calidad)	<input type="radio"/>	<input type="radio"/>
Their programs are better operated than public recreation programs (Sus programas son mejores que las que ofrece la ciudad de Norcross)	<input type="radio"/>	<input type="radio"/>

Other (please specify) Otra (favor de especificar)

18. Do you use recreation facilities offered by a church or other private providers? (¿Usa facilidades recreos que ofrece una iglesia u otra organización privada?)

	Yes (SI)	No (No)
Church (Iglesia)	<input type="radio"/>	<input type="radio"/>
YMCA (YMCA)	<input type="radio"/>	<input type="radio"/>
Military (Militar)	<input type="radio"/>	<input type="radio"/>
Private Club (Club privado)	<input type="radio"/>	<input type="radio"/>
Private School (Escuela privada)	<input type="radio"/>	<input type="radio"/>
Center for Pan Asian Community Services (Center for Pan Asian Community Services)	<input type="radio"/>	<input type="radio"/>
Latin American Association (Asociación Latino-Americano)	<input type="radio"/>	<input type="radio"/>



**Norcross Parks Master Plan Update
Community Survey**

19. Which method of funding for park land acquisition, greenway and park facility renovation and development would you prefer? (Hay varias opciones para financiar la compra de tierra para crear parques nuevos y para crear o renovar vías verdes y facilidades recreos. ¿Cuál prefiere usted?)

- Borrow money to make necessary improvements and pay back over a 20- or 25-year period. (Presta dinero para hacer las mejoras necesarias y paga el préstamo en 20 - 25 años.)
- Increase current property tax rate to fund capital projects and increase programming on a pay as you go approach. (Aumentar los impuestos de propiedad para financiar proyectos de capital y aumentar las programación cuando sea posible.)
- Combine borrowed funds with property tax increase to construct a large indoor facility and add smaller facilities to the system over time. (Combina fondos prestados con una aumentación en los impuestos de propiedad para construir una grande facilidad con amenidades adentro y construir otras facilidades más pequeños con el tiempo.)
- Build more facilities that generate revenue. (Construyen más facilidades que ggenerarán ingresos.)
- Establish a dedicated property tax to fund park operations and development. (Crea un impuesto de propiedad exclusivamente para financiar las operaciones y el desarrollo del parque.)
- I do not support any increase in funding. (No apruebo ningún incremento de la financiación.)

Other (please specify) Otra (favor de especificar)

20. In order to generate needed revenue to improve park facilities and recreation programs offered, please indicate all options that you would support for increasing funding for parks. (Hay varias opciones para generar ingresos necesarios para mejorar las facilidades recreos y las programas ofrecidas. ¿Cuál prefiere usted?)

- Charge parking fees in parks (Cobrar tarifas de estacionamiento.)
- Charge an annual park user fee per household (Cobrar una cuota anual a los usuarios a nivel hogar)
- Increase rental fees for park facilities (Subir las tasas de alquiler de las facilidades del parque)
- Increase program user fees (Subir las tasas usuarios de las programas)
- Charge non-city residents higher fees (Subir las tasas para visitantes que viven afuera de la ciudad de Chamblee)
- Build more facilities that generate revenue, such as a tournament facility (Construir más facilidades que generarán ingresos, como una facilidad de torneo)
- Sponsor more tournaments and special events that generate sales tax and hotel tax dollars (Presentar más torneos y eventos especiales que generarán impuestos sobra las ventas y del hotel)

Other (please specify) Otro (Favor de especificar).

21. How much would you be willing to spend per month per household to support improved park maintenance and recreation services? (Check ONE) (¿Cuanto dinero gastaría cada mes, por hogar, para mejorar el mantenimiento de parques y los servicios recreos? (Elija UNO)).

- \$15 or less (\$15 o menos)
- 16-\$25
- \$25-\$50
- \$50-\$75
- \$75 plus (\$75 o más)
- none (nada)



**Norcross Parks Master Plan Update
Community Survey**

22. Do you feel current marketing efforts by Norcross Parks and Recreation Department keeps you and your family informed about recreation program opportunities? (Considere las esfuerzos de márketing del Departamento de Parques y Recreación de la ciudad de Norcross. ¿Son efectivas en informarle a Usted y a su familia sobre las programas recreos?)

- Yes (SI)
- No (No)

23. Please indicate which of the following ways you currently get information and ways you prefer to get information about events and programs. (Favor de indicar como recibe información sobre eventos y programas actualmente y como prefiere recibir la misma información.)

	Currently (Actualmente)	Prefer (Preferencia)
Norcross Website (La sitio web de la ciudad de Norcross)	<input type="checkbox"/>	<input type="checkbox"/>
Flyers (Folletos)	<input type="checkbox"/>	<input type="checkbox"/>
Direct Mail Pieces (Correo directo)	<input type="checkbox"/>	<input type="checkbox"/>
Banner Signs in Parks (Los pósteres en parques)	<input type="checkbox"/>	<input type="checkbox"/>
Local Newspapers (Periódicos locales)	<input type="checkbox"/>	<input type="checkbox"/>
Local Television Channels (Canales de televisión locales)	<input type="checkbox"/>	<input type="checkbox"/>
Local Radio Station Announcements (Anuncios en la radio local)	<input type="checkbox"/>	<input type="checkbox"/>
Facebook, Twitter or other social media (Facebook, Twitter u otros medios sociales)	<input type="checkbox"/>	<input type="checkbox"/>
Schools (flyers, e-newsletter, play guide, etc.) (Escuelas (Folletos, boletín electrónico, guía de diversiones))	<input type="checkbox"/>	<input type="checkbox"/>
Email (Email)	<input type="checkbox"/>	<input type="checkbox"/>
Text Messages (Mensajes de texto)	<input type="checkbox"/>	<input type="checkbox"/>
Word of Mouth (Boca a boca)	<input type="checkbox"/>	<input type="checkbox"/>
Billboards (Vallas)	<input type="checkbox"/>	<input type="checkbox"/>

Other (please specify) Otra (favor de especificar)

24. Would you like to receive a monthly or quarterly newsletter via email to inform you and your family on classes, programs and special events? (¿Le gustaría a Usted y a su familia recibir un boletín electrónico cada mes o cada trimestre con información sobre clases, programas y eventos especiales?)

Yes (SI)

No (No)

Monthly (Cada mes)

Quarterly (Cada trimestre)



Norcross Parks Master Plan Update
Community Survey

25. Which of the following best describes your household? (¿En la lista de abajo, cuál es la mejor descripción de su hogar?)

- Single (Solo(a))
- Couple with no children (Pareja sin hijos)
- Single-parent household with children (Familia monoparental con hijos)
- Couple with children (Pareja con hijos)
- Couple with children but they do not live at household (Pareja con hijos que no viven en hogar)

Other, please specify (Otro, favor de especificar)

26. If you have children at home, how many children do you have in each of the following age groups? (¿Si tiene hijos en el hogar, cuantos tiene en las siguientes grupos de edad?)

Under 5 years of age (Menos de 5 años)	5 to 11 years of age (Entre 5 - 11 años)	12 to 19 years of age (Entre 12 - 19 años)	20 years + (Más de 20 años)
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*	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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**Norcross Parks Master Plan Update
Community Survey**

27. How long have you lived in Norcross? (¿Por cuanto años ha vivido en la ciudad de Norcross?)

- 0 - 5 Years (0 - 5 años)
- 6 - 10 Years (6 - 10 años)
- 11 - 20 Years (11 - 20 años)
- Over 20 Years (más de 20 años)
- I do not live in Norcross (No vivo en la ciudad de Norcross)

28. Please indicate your age. (Por favor, indice su edad).

- 14 and Under (menos de 14)
- 15-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65-74
- 75+

29. Please indicate your gender. (Por favor, indice su género.)

- Male (masculino)
- Female (femenino)

30. What is your total annual household income? (¿Que es el ingreso anual de su hogar?)

- Under \$20,000 (Menos de \$20,000)
- \$20,000 - \$34,999
- \$35,000 - \$49,999
- \$50,000 - \$74,999
- \$75,000 - \$99,999
- Over \$100,000 (Más de \$100,000)

31. Please check your housing status. (¿Es usted dueño(a) de la casa o arrendatario(a)?)

- Home Owner (Dueño(a) de la casa)
- Renter (Arrendatario(a))

32. Do you have any additional comments regarding Norcross parks and recreation? (¿Tiene otros comentarios sobre parques y recreación en la ciudad de Norcross?)

A.3: Opinions of Probable Cost

Norcross Parks And Recreation Department	
Opinion of Probable Cost- 8-9-16	
Item	Cost
Betty Mauldin Park	
Public art installation	\$10,000.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$12,600.00
Design Services	\$10,000.00
total	\$22,600.00
Recommended Budget	\$23,000.00
Cemetery Field Park	
Layout survey	\$2,000.00
Additional parking (30 spaces, curb & gutter), lighting	\$80,000.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$103,320.00
Design Services	\$25,000.00
total	\$128,320.00
Recommended Budget	\$128,500.00
Cemetery Park	
Layout survey	\$2,000.00
Parking (8 spaces - single row with drive aisle, curb & gutter, 1 light pole)	\$50,000.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$65,520.00
Design Services	\$25,000.00
total	\$90,520.00
Recommended Budget	\$90,500.00
Heritage Park	
Public art installation	\$10,000.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$12,600.00
Design Services	\$10,000.00
total	\$22,600.00
Recommended Budget	\$23,000.00



Johnson-Dean Park	
Layout survey	\$10,000.00
Parking spaces including 1 handicap space	\$50,000.00
Vehicular entrance gate	\$5,000.00
Pedestrian crosswalks at Barton Street	\$2,500.00
Wayfinding signage to park (2 signs)	\$2,000.00
Restroom Building	\$125,000.00
Small pavillion	\$75,000.00
Landscape screen	\$30,000.00
Park signage - rules and general park information	\$10,000.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$389,970.00
Design Services	\$70,000.00
total	\$459,970.00
Recommended Budget	\$460,000.00
Lillian-Webb Park	
Layout survey	\$2,000.00
Ramp connection to lower park from upper terrace	\$75,000.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$97,020.00
Design Services	\$25,000.00
total	\$122,020.00
Recommended Budget	\$122,500.00
Lion's Club Park	
Shade trees, purchase and installation	\$2,500.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$3,150.00
Design Services	\$3,000.00
total	\$6,150.00
Recommended Budget	\$6,500.00
Rossie Brundage Park	
Wayfinding signage to park	\$4,000.00
Trail connection to Hunter Street (Design complete)	\$60,000.00
Park rules and regulations signage	\$4,000.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$85,680.00
Design Services	\$0
total	\$85,680.00
Recommended Budget	\$86,000.00



South Point Park	
Public art	\$10,000.00
Landscaping	\$3,000.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$ 16,380.00
Design Services	\$10,000.00
total	\$26,380.00
Recommended Budget	\$26,500.00

Water Tower Park	
Layout survey	\$3,000.00
Park sign	\$10,000.00
Parking spaces (curb and gutter, lighting)	\$60,000.00
Subtotal with 5% Mobilization, Fees, Etc. and 20% Contingency	\$91,980.00
Design Services	\$25,000.00
total	\$116,980.00
Recommended Budget	\$122,000.00



A.4: Meeting Notes



Norcross Parks Master Plan Update
Public Meeting Notes
March 16, 2016

A public meeting was held at the Norcross Cultural Arts & Community Center on March 16, 2016 to discuss the Norcross Parks Master Plan Update, specifically to provide an overview the planning process, description of park-types, and to solicit input from the public. In conjunction with the meeting, public comment cards were distributed. The follow is a review of the comments and discussion from the meeting, and the comments from the comment cards.

There were approximately 23 people in attendance at the meeting, plus city staff. Several elected officials were in attendance as were interested citizens.

The recommendations from the public included the following:

- Make sure that new parks address the needs of older populations, rather than everything just for kids.
- Address maintenance in the CIP since SPLOST funds can't be used for O&M.
- Coordinate with the County's parks plans so that the recommendations in this plan aren't in conflict with the county's plans.
- Discussion about including the people that live in the newly annexed areas to be involved in the planning, and be able to have the opportunity to provide input. This population is a high Spanish speaking population, and there needs to be an outreach effort to include these residents.

Comment Cards included requests for the following:

- basketball courts
- volleyball
- rock climbing
- more nature areas
- soccer fields.

There was also a request to have a public meeting in Spanish or to have a translator at the next meeting.

Other general discussion included the acreage that is being developed behind the Summerour Middle School and if that would be counted in the park facilities in the plan.

One resident wanted to make sure that when the ½-mile service radius is applied to parks planning, that it doesn't include planning for parks in the commercial areas.

Questions about the process to acquire additional parkland in an area that is generally built-out.

One resident also requested that Johnson Dean Park be considered for an urban forest, and that the city work to with volunteer groups to get this park classified for protection.

Parks and Recreation

PUBLIC MEETING COMMENT CARD

Please write your comments on today's meeting in the space below.

Name: Charles McDaniel

Very good presentation
of a preliminary park plan.

Thank you for your comments.
Lose & Associates, Inc.

Norcross Public Mtg.
3-16-16

Parks and Recreation

PUBLIC MEETING COMMENT CARD

Please write your comments on today's meeting in the space below.

Name: Ms. Salazar y Ms. Gonzalez

Basketball Courts
Volley ball net
Rock climbing
Tour canopy.

More nature.
Soccer field.

It is possible to have a
meeting in Spanish or
have a translator.

Thank you.

Thank you for your comments.
Lose & Associates, Inc.

Norcross Public Mtg.
3-16-16



Parks Master Plan Update Public Meeting - March 16, 2016
Sign-In Sheet

Jon M. Davis

Charles McDaniel

John Register

Maria Salazar

Wayne Higgins

Eric Sorrell

Kevin Eldridge

Joshua Bare

Andrew Hicks

Maria Gonzalez

Tina Fowler

Charlotte Osborn

Terry Sutton

Vivian McDaniel



Parks Master Plan Update Public Meeting - March 16, 2016
Sign-In Sheet

Jill Swenson

Greg McFarland

PAT EIDT

Sean Casey

Lisa Briere

Charlie Kuhn

GENE RAMSAY

Craig Newton



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