



**LOUISVILLE
PARKS
AND RECREATION**

Louisville Aquatics Master Plan

November 7, 2022





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EXECUTIVE SUMMARY

THE NEED FOR A PLAN

Louisville has a population of approximately 790,000 as of 2022 and is continuing to grow. The demographics of the city are expected to continue to change with the city becoming older and more diverse (see Chapter 2 for demographics). While the population has continued to grow, the number of pools available to residents has been reduced, with many being converted to splash pads. The remaining pools were originally constructed between 1952 and 1968 and are well beyond their expected useful life. The most recent major renovation of any aquatic facility was completed over 24 years ago and a new liner was installed last year. The last aquatic improvements were at the Mary T. Meagher Aquatic Center in 1998 with the addition of the roof, warm water pool, and dry training room. Sun Valley has had the restrooms upgraded more recently.

Louisville sought proposals from qualified firms to provide services for the assessment of existing aquatic facilities to develop a long-range Master Plan for improvements. The analysis includes inspection, evaluation, and recommendation for renovation, redevelopment, and/or replacement of existing facilities as well as recommendations for the development of new facilities.

EXISTING CONDITIONS

The Louisville Parks and Recreation Department currently has four outdoor aquatic facilities of which three are operational, one indoor aquatic center, and 30 spraygrounds. Several aquatic facilities offered by others serve the Louisville area as well.

The Consultants performed a detailed assessment of the four remaining outdoor pools and the Mary T. Meagher Aquatic Center. Each of the outdoor pools is well beyond its expected life, with some nearly 70 years old. In that period, technology and the public's expectations have changed considerably. When these pools were developed, rectangle and "L" shaped pools with small wading pools and diving wells were the norm. These pools were great for experienced swimmers and swim lessons but are not

meeting the needs of children between the ages of two and ten. Accessibility was not much of an issue. Today, people expect pools that appeal to the entire family and are easily accessible to all.

As the pools have continued to age, the attendance and revenues have continued to diminish. Attendance at the five pools has reduced from over 75,000 in 2008 to just over 48,000 in 2018 (last year of full operation).

Norton Pool has been closed for the last four years. All of the pools have required extensive repairs to keep them open. Many have severe leaks. The diving boards have been taken away for risk management. Louisville Parks and Recreation estimates it will take at least \$6 million to fix what is broken to keep them operational, but even then, they will be outdated and not appealing to residents.

The Mary T. Meagher Aquatic Center was originally built in 1954 as an outdoor pool. The roof, a therapy pool, weight training room, and locker rooms were added later. This is the only public indoor pool in Louisville, but the facility is wrought with problems, such as not being conducive to spectators, air handling, and confusing circulation.

Service Areas

In order to compare the location of the pools in Louisville to the location of residents, service areas for each of the pools were determined to show the areas of the city that were located within a certain range of an aquatic facility. This analysis showed that most residents of the western half of Louisville are within a 10-minute drive of one of the five aquatic facilities offered by the city. Overall, only 9% of Louisville residents are within a 5-minute drive to a pool, and 45% are within a 10-minute drive. A total of 7% are within a 10-minute drive to two pools. This does not account for private pool, HOA pools, and pools offered by others. Service gaps for aquatic facilities (based on a 10-minute drive) appear in three notable areas.

- South central area (West of Dixie Highway, east of Cane Run Road and between I-264 on the north and Pleasure Ridge Park on the south)

- Fern Creek Area
- Eastern portion of Louisville-Jefferson County

Benchmarking

One method of evaluating the aquatic services offered in the community is to use benchmarking comparisons to other communities. Each year the Trust for Public Land publishes its "City Park Facts" which summarizes the characteristics of the top 100 cities in the United States in population. In that list, Louisville ranks 29th in population, but ranks 89th in the number of pools provided per 100,000 people at 0.8. In comparison, Cleveland and Cincinnati rank first and second at 10.7 and 7.7 pools per 100,000. Lexington is 50th at 1.9. Some regional communities are listed below.

City	Rank	Pools per 100,000
Cleveland	1	10.7
Cincinnati	2	7.7
Pittsburgh	4	6.2
Memphis	31	2.8
St. Louis	33	2.6
Lexington	50	1.9
Columbus	84	1.0
Louisville	89	0.8

WHAT LOUISVILLE CITIZENS TOLD US

Citizens were given the opportunity to provide their suggestions through several methods, including:

- Four public open houses held in April 2022
- A random sample statistically valid Mail Survey (sample size of 801)
- A web and handout survey available to all (completed by 330 respondents)

The public input process as a whole provided an abundance of information about the aquatic needs and desires of Louisville residents. Although data was gathered through a variety of methods, some trends were apparent throughout the process.

Results indicate that the community desires:

- More and improved features and are willing to pay higher fees for them
- New outdoor family aquatic centers
- Development of more splash pads/spraygrounds in neighborhoods without pools
- A lazy river
- Waterslides
- An indoor pool – Upgrade Mary T. Meagher or a new facility

- Family activity pool
- Warm water pool
- Additional lap lanes (indoor & outdoor)
- Upgraded restrooms and pool houses
- More shade
- Improved security
- More aquatic programs
 - Family Fun Nights
 - Aquatic sports
 - Scuba Diving
 - Water fitness
 - Senior programs
 - Therapeutic programs

RECOMMENDATIONS

It is recommended that all four remaining outdoor pools and pool houses be completely redeveloped to modern standards and codes with the exception of the Sun Valley restrooms which have recently been renovated.

Additionally, the filtration systems on all of the outdoor pools have had maintenance projects performed in the last few years. Complete replacement would reduce maintenance and improve water quality. Resizing of the systems would be required as uses change.

The pools should be remodeled or replaced with modern family oriented aquatic centers with zero depth entry, shallow water play areas, and water slides. The pool houses should be replaced with modern buildings that meet today's standards and expectations.

Concept plans for each pool are included in Chapter 5.

Algonquin Pool

Pool House – Replace at a cost of \$1.5 million.

Pool – Reconfigure as a modern family aquatic center and keeping the 50-meter lap lane length. Total cost: \$4.5 million.

Total Replacement Cost: \$6 million

A concept plan for Algonquin Pool includes a configuration which keeps some 50-meter lanes in one direction and 25-meters in the other but also adds some shallow water, zero-depth entry, shade, climbing walls, taller slides, and more.

Fairdale Pool

Pool House – Replace at a cost of \$1 million.

Pool – Replace at a cost of \$2.5 million or recondition in the current configuration at a cost of \$750,000. BCI recommends total replacement.

Total Replacement Cost: \$3.5 million

The concept plan for Fairdale Pool includes a new pool house with concessions, zero depth entry, tall slides, family slide, shade, lap lanes, and a lily pad bridge.

Norton Pool

Pool House – Replace at a cost of \$1 million.

Pool – Replace at a cost of \$2.5 million or recondition in the current configuration at a cost of \$750,000. BCI recommends total replacement.

Total Replacement Cost: \$3.5 million

The concept plan for Norton Pool includes a new pool house, zero depth entry, vortex, small lazy river, climbing walls, and lap lanes.

Sun Valley Pool

Pool House – Restrooms have been renovated. The city needs to substantially renovate the rest of the building including the guard room and ticket office. The entry should be relocated to allow families to enter together rather than split up and enter through the locker rooms. Pool house cost: \$500,000

Pool – Replace the pool with a modern family aquatic center. Pool cost: \$2.5 million.

Total Replacement Cost: \$3 million

The concept for Sun Valley Pool includes 6 lap lanes, zero depth entry, waterslide, shallow water play elements, and shade. Portions of the existing pool house could be reused and a separate filter building provided.

New Pools

Realizing that the city has limited funds for the development and operations of aquatic facilities, the analyses should be used to strategically develop facilities where they will meet the most need. Therefore, the following new facilities are recommended:

1. Develop a new family aquatic center in the area currently in a service gap in the south-central area (West of Dixie Highway, east of Cane Run Rd. and between I-264 on the north and Pleasure Ridge Park on the south). Total cost: \$5 – \$6 million
2. Develop a new family aquatic center in the Fern Creek area at a cost of \$5 – \$6 million.
 - Existing pools at E.P. Tom Sawyer State Park and Douglass Hills serve some of the northern

part of the eastern portion of the city. The new facility in the Fern Creek area would fill the gap in the southern part.

3. Consider additional aquatic facilities in the future in the eastern part of Louisville (east of I-265) as the population becomes more dense and further residential development is experienced.

Mary T. Meagher Aquatic Center

The Mary T. Meagher Aquatic Center has served Louisville and the surrounding area for many years. The pool was originally constructed as an outdoor 50-meter pool in 1954 and then a bubble was added. The permanent roof and ancillary rooms were added later. Now is the time to make a major upgrade to address the deficiencies in the facility and the user experience. If the city desires to continue providing indoor aquatics services, it makes the most sense to upgrade this facility in its current location rather than relocate it to another part of the community and develop a completely new facility. The basic pool is in good condition, it is mainly the surrounding facility that needs the most work. Therefore, the Consultants recommend the following:

1. Expand the facility to the south (toward Reservoir Ave.) with an elevated spectator seating area at the upper level and the main entry, restrooms, locker rooms, and weight room located on the first-floor level under the spectator area. This will require raising of the roof on the south half of the structure. The current facilities could remain in place while this work is being constructed and keeping the facility in operation much of the time.
2. Include restrooms and concessions for spectators at the upper level. An elevator will be required.
3. Remove the solar water heater as it has not worked and the roof may be raised for the spectator viewing.
4. Improve drainage on the north side of the building with removal of the facilities on that side and some remediation.
5. Relocate the playground and splash pad to make room for the expansion.
6. Relocate and expand the warm water therapy pool.

It is very roughly estimated to be a \$10 million project, but further programming and design is needed to further explore the options.

Programming

Once the pools are replaced with the new family-friendly designs, Louisville Parks and Recreation should implement additional programming at the

outdoor facilities as well as in the Mary T. Meagher Aquatic Center. The outdoor facilities should offer water fitness, senior aquatic programs, and family fun nights in addition to both adult and youth learn-to-swim programs. The Mary T. Meagher Aquatic Center should continue to provide the widest variety of programs due to its year-round use, central location, and the warm water pool which provide more opportunities for therapeutic programs. With the new designs, all of the pools could provide offerings for persons with special needs.

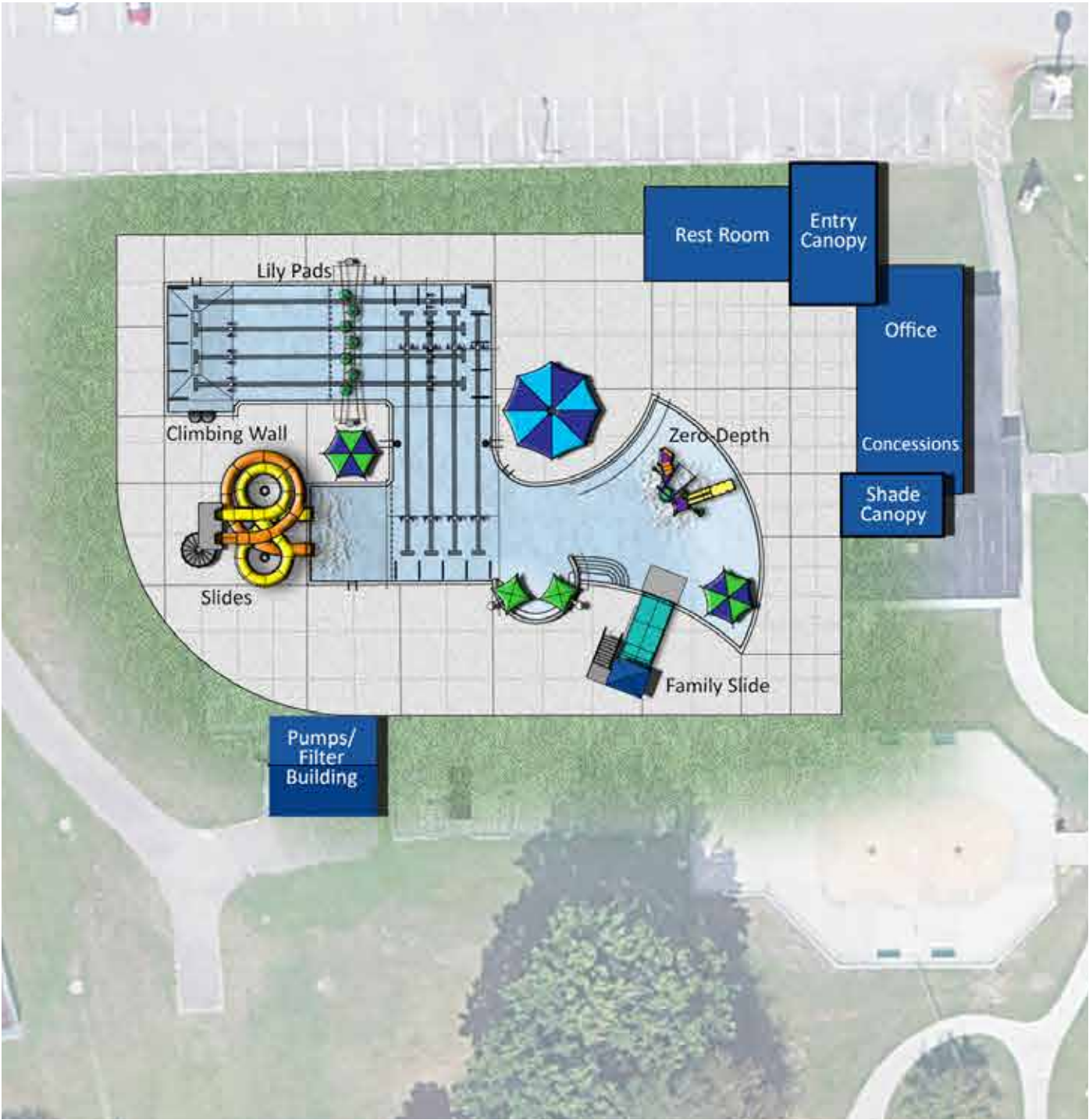
These new facilities and programs will need a robust marketing campaign to inform residents of the new facilities and programs to guarantee their success.

It is also recommended to consistently monitor residents' use, needs, and desires for various programs and to monitor the attendance of offered programs to gauge the interest and cost effectiveness of programs.

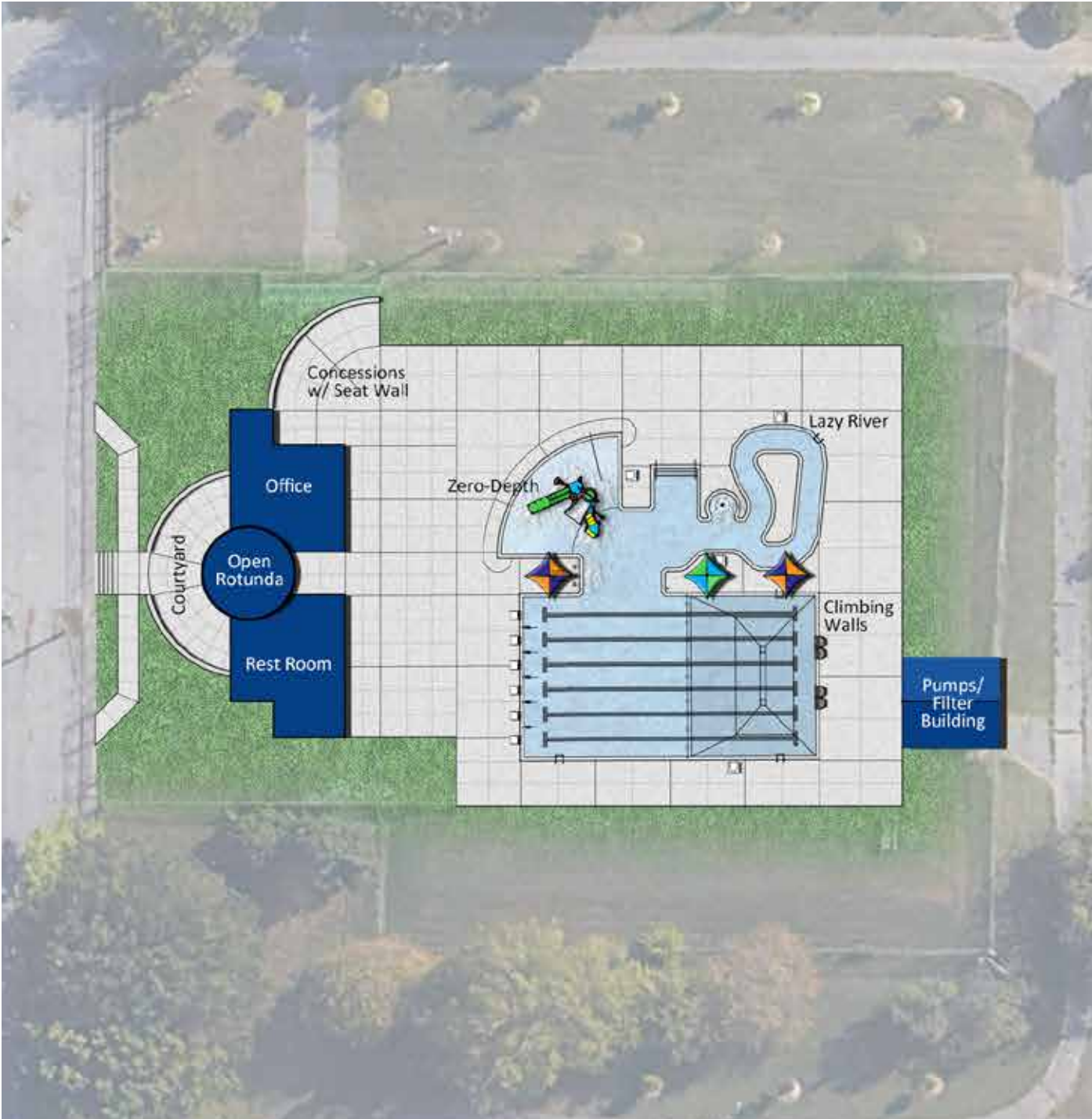
Algonquin Pool Concept



Fairdale Pool Concept



Norton Pool Concept



Sun Valley Pool Concept





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INTRODUCTION

1.1 PROJECT BACKGROUND

Louisville has a population of approximately 790,000 as of 2022. This population has grown considerably since 1970. Growth is expected to slow. The demographics of the city are expected to continue to change with the city becoming older and more diverse (see Chapter 2 for demographics). However, the city has never conducted a specific study of aquatic needs, and the most recent major renovation of any aquatic facility was completed over 24 years ago. The last aquatic improvements were at the Mary T. Meagher Aquatic Center in 1998 with the addition of the roof, warm water pool, and dry training room. Sun Valley has had the restrooms upgraded more recently.

Louisville sought proposals from qualified firms to provide services for the assessment of existing aquatic facilities to develop a long-range Master Plan for improvements. The analysis includes inspection, evaluation, and recommendation for renovation, redevelopment, and/or replacement of existing facilities as well as recommendations for the development of new facilities.

1.2 MASTER PLAN PROCESS

The Master Plan process consisted of several phases with frequent meetings between representatives of the City of Louisville and the Consultant. Each phase concluded with a presentation of findings to the Steering Committee. A summary of the process and details of each phase are outlined below.

1.3 PLANNING CONTEXT

The first phase of the Master Plan process launched with meetings with Louisville Park and Recreation staff to discuss the goals and existing conditions of the pools.

Master Plan Steering Committee – The City of Louisville appointed a committee of staff to work with the Consultants throughout the process. The Consultants met regularly with the committee with updates of findings from which the committee assisted in establishing the goals and priorities of this Master Plan.

1.3.1 Demographic Analysis

Using information from the U.S. Census and other sources, the Consultant performed an analysis of demographic and population characteristics of Louisville. The analysis included:

-
- Population characteristics (quantity, ages, race, etc.)
 - Demographic trends
 - Spatial variation and population change

1.3.2 Budget and Attendance

The budgets and attendance of the last several years were reviewed with a breakdown for each of the aquatic facilities in Louisville. This analysis compared revenue and expenses from all sources.

1.4 INVENTORY AND ANALYSIS

This phase of the Aquatics Master Plan process consisted of an analysis of facility and program offerings. This analysis was important in order to assess current conditions to compare against the desires of Louisville residents as expressed in the subsequent public input phase.

1.4.1 Aquatic Facilities Inventory and Location Analysis

This process entailed an inventory of the existing facilities for a comparison of the available amenities at each location with the other facilities in Louisville and later to those offered by other jurisdictions. The analysis evaluated the location of the existing facilities compared to the location of Louisville residents. Finally, the analysis included a description of each of the facilities with their amenities and facilities issues based on site assessments.

1.4.2 Programs and Events Inventory

The existing program offerings were analyzed with participation rates.

1.4.3 Staffing Analysis

The existing staffing rates, particularly for lifeguards, were reviewed, followed by a discussion of some of the issues facing the aquatic industry regarding lifeguard recruitment and retention.

1.4.4 Aquatic Trends

A brief description of aquatic trends was provided with a comparison to the Louisville offerings outlined previously.

1.4.5 Benchmarking Analysis

The benchmarking analysis summary of aquatic facilities offered by communities near Louisville and included availability of features and usage fees. The overall number of pools per population was compared to the largest 100 cities in the USA, provided by the Trust for Public Land.

1.5 PUBLIC INPUT

1.5.1 Public Workshops

Attendees of four events were given play money to spend on their recommended improvements and were given three blue dots and three green dots to place on boards indicating their preferences. Two boards provided photos of aquatic features, and two boards provided photos of aquatic programs. The activity requested that participants choose the features and programs most important to them and their households. Children were also invited to participate. Between the four events, 53 community members participated in the activities.

1.5.2 Aquatic Facilities Survey and Web Survey

A statistically valid Mail Survey (Mail Survey) was conducted by the ETC Institute with 801 responses from residents of Louisville. Surveys were mailed to 4,000 households. The survey was used to identify:

- Aquatic facilities currently used
- Current satisfaction levels with programs and facilities
- Participation and satisfaction with current programs
- Support for the development of new facilities

Additionally, a web-based and handout survey (Web Survey) was conducted that asked similar questions to the Aquatic Facilities Survey. Where the statistically valid Mail Survey reached a selected, random sample of residents, the goal of the Web Survey was to engage as many residents as possible. A total of 330 community members completed the survey.

1.6 RECOMMENDATIONS

Using the data collected throughout this Master Plan process, a series of recommendations were formulated to meet the aquatic needs for the City of Louisville. The recommendations were separated into the following four categories.

1.6.1 Recommendations for Existing Aquatic Facilities

Recommendations with concept plans were provided for each of the aquatic facilities. The recommendations included design and maintenance items that must be competed as well as capital improvements that are recommended to enhance the recreational experience at these facilities.

1.6.2 New Facility Recommendations

Recommendations for new facilities were developed to illustrate potential general locations for new outdoor aquatic facilities.

1.6.3 Project Implementation

A project implementation schedule was prepared to provide guidance for funding allocation and budgeting. Capital project cost estimates were provided for each improvement.

1.6.4 Operations and Budget Recommendations

This final portion of the recommendations included discussion of potential programs, projected attendance, annual budget numbers (after improvements), and ongoing maintenance costs.

1.7 DRAFT AND FINAL MASTER PLAN

Preliminary draft recommendations, public engagement summary, and conditions assessment will be presented to the Parks and Recreation Department and then to Metro Council.

PLANNING CONTEXT

2.1 INTRODUCTION

The Planning Context chapter provides a summary of factors and trends that may influence the delivery of aquatic services throughout Louisville Metro. Louisville Aquatics services Louisville Metro and therefore, this chapter begins with a summary of population and demographic trends in Jefferson County and concludes with a summary of the budget and attendance history for Louisville's aquatic facilities. Using information from the U.S. Census and other sources, the Consultant performed an analysis of demographic and population characteristics of Jefferson County and compared them to the state and the nation.

2.2 POPULATION AND DEMOGRAPHIC TRENDS

An overall understanding of population trends of Jefferson County is necessary to identify the present conditions and to anticipate future needs for aquatic services and facilities. Needs vary between demographic groups, and these needs also change over time. Each of the following demographic categories examines specific elements of the population.

2.2.1 Population Growth

Table 2.1 illustrates the population growth trends for Jefferson County from 2000-2027. This table uses U.S. Census Bureau data for historic figures and, ESRI Forecasts for 2022 and 2027 projections. Historic data shows that the population has grown substantially over each ten-year period, but projections indicate slower growth in the future.

The population of Jefferson County grew by 6.8% from 2000 to 2010, by 5.7% from 2010 to 2020, and is projected to continue to rise into 2027 though at a slower rate.

Table 2.1: Louisville Population History and Projections (2000-2027)

	Census			Esri Projections	
	2000	2010	2020	2022	2027
Jefferson County	693,604	741,096	782,969	793,917	803,579
Growth %		6.8%	5.7%	1.4%	1.2%
Source: U. S. Census Bureau (2000-2020), Esri Forecasts (2022 & 2027).					

2.2.2 Households

Table 2.2 shows the number of households in 2022 and household size from 2000 to 2027. The table indicates that for Jefferson County, the average household size has slowly decreased over the past two decades. The average household size in Jefferson County is lower than the State of Kentucky and the United States. Household size is overall decreasing for all geographies; however, Jefferson County households continue to be the smallest of the three comparisons.

Table 2.2: Household Size (2000 to 2027)

	Households	Average Household Size			
		2000	2010	2022	2027
USA	128,657,669	2.59	2.58	2.55	2.54
Kentucky	1,812,070	2.47	2.45	2.43	2.43
Jefferson County	33,025	2.37	2.35	2.34	2.33
Source: U.S. Census Bureau, ESRI Forecasts					

Table 2.3 shows the household composition by family in 2010 and in 2020, illustrating the aging trend seen across the nation. Jefferson County in comparison to Kentucky in 2010 had similar populations under 18 years old and had slightly lower numbers by 2020. Jefferson County's families with individuals under 18 continue to be lower than the nation. Families with individuals 60 or over are also similar to state figures, only differing by one percent. Following these trends, the single person household numbers have increased from 2010 to 2020 in all geographies.

Table 2.3: Household Composition (2000 to 2020)

Year	Jefferson County		Kentucky		USA	
	2010	2020	2010	2020	2010	2020
Household Type						
Families	61%	59%	67%	65%	66%	65%
With Individuals Under 18	31%	28%	32%	31%	33%	31%
With Individuals 60 or Over	33%	39%	34%	40%	34%	40%
Single Person	33%	34%	28%	29%	27%	28%
Source: U.S. Census Bureau						

2.2.3 Median Age

Table 2.4 shows the median age for Jefferson County, Kentucky, and the USA from 2000 through 2027. The trend at all geographic levels is an increase in the median age of residents. The median age in Jefferson County was 36.7 in 2000 and is expected to increase to 40.8 by 2027. The median age in Jefferson County was similar to Kentucky, but higher than the nation.

The estimated median age in 2020 was 38.4 in Louisville compared to 39.5 for Kentucky, and 38.6 for the USA. The age of the residents is important because Louisville needs to plan for the appropriate age groups that it will be serving, and these numbers indicate that the population of Louisville is older than the nation, and the median age of all geographies is increasing.

Table 2.4: Median Age (2000-2027)

	2000	2010	2020	2022	2027
USA	35.3	37.1	38.6	38.9	39.6
Kentucky	35.9	38.1	39.5	40.2	41.2
Jefferson County	36.7	37.7	38.4	40.0	40.8
Source: U.S. Census Bureau, ESRI Forecasts					

2.2.4 Seniors

Table 2.5 displays the population age 65 and over from 2000 to 2027 and shows that this age group increased in population over this period and is expected to continue to do so through 2027. The population over 65 in Jefferson County remained mostly the same from 13.5% to 13.4% from 2000 to 2010; however, from 2010 to 2020 the senior population increased from 13.4% to 16.1%. The percentage of the population over 65 increased more rapidly through 2020, and growth of this age cohort is expected to continue at a similar rate through 2027 (to about 20.3%), matching state and national trends. Accordingly, the importance of facilities and services for seniors will increase in the future.

Table 2.5: Population Age 65 and over (2000-2027)

	2000		2010		2020		2022		2027	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
USA	34,991,753	12.4%	40,267,984	13.0%	52,362,817	16.0%	58,748,882	17.5%	66,281,045	19.5%
Kentucky	504,793	12.5%	578,227	13.3%	729,928	16.4%	821,226	18.1%	932,233	20.4%
Jefferson County	93,539	13.5%	99,307	13.4%	123,988	16.1%	144,493	18.2%	163,127	20.3%

Source: U.S. Census Bureau, ESRI Forecasts

2.2.5 Children

Table 2.6 identifies the population under age 18 from 2000 to 2020. The percentage of the population in this age cohort has declined in all four geographic levels. The percentage of the population under age 18 in Jefferson County was the lowest of the geographies in 2000 but was similar to Kentucky and the nation in 2020. In 2020, approximately 22.1% of the population in Jefferson County were children, compared to 25.2% for Kentucky, and 22.3% nationwide.

The table indicates that in Jefferson County the percentage declined from 2000 to 2010 and continues into 2020. Esri forecasts for 2022 to 2027 are not included in this analysis because the projections are considered inaccurate due to the trends seen for the past two decades. Jefferson County is expected to maintain a lower percentage of the population in this age group than seen in the rest of the USA.

Table 2.6: Population Under Age 18 (2000-2027)

	2000		2010		2020		2022		2027	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
USA	72,293,812	26%	74,181,467	24%	73,837,675	22%	66,997,782	22%	72,739,198	21%
Kentucky	1,113,644	28%	1,146,204	26%	1,175,502	25%	966,415	21%	968,792	21%
Jefferson County	168,546	24%	171,934	23%	170,065	22%	166,723	21%	167,144	21%

Source: U.S. Census Bureau

2.2.6 Income and Education

Jefferson County experienced significant income growth from 2000 to 2022 (Table 2.7). The median household income increased from \$39,457 (not inflation adjusted) in 2000 to \$62,384 in 2022. However, after adjusting for inflation (to 2022 dollars), the median household income declined over that period. The median household income in Jefferson County has been lower than the nation over the past two decades but has been consistently higher than the state.

Per capita income numbers for Jefferson County were slightly higher than the national numbers in 2000, where the median household numbers were lower. Per capita income in all geographies have kept pace with inflation.

Table 2.7: Income (2000-2027)

	2000	2000 Adjusted	2022	2027
Median Household Income				
USA	\$41,994	\$69,944	\$72,414	\$84,445
Kentucky	\$33,672	\$56,083	\$57,014	\$66,117
Jefferson County	\$39,457	\$65,718	\$62,384	\$74,951
Per Capita Income				
USA	\$21,587	\$35,955	\$40,363	\$47,064
Kentucky	\$18,093	\$30,135	\$32,336	\$37,537
Jefferson County	\$22,352	\$37,229	\$38,012	\$44,490
Source: U.S. Census Bureau, Esri Projections				

Educational attainment has increased in Jefferson County, Kentucky, and the USA (Table 2.8). In 2020, 23.2% of Jefferson County residents age 25 and older had a Bachelor's Degree, while 17.1% had a Graduate Degree or above for a total of 40.3% with a Bachelor's Degree or above. These numbers increased since 2010 from 35.7% for Bachelor's Degree or above. The percentage of the population without a high school diploma has decreased in Jefferson county by about 3%. Overall, Jefferson County's education levels are higher than the state and the nation as of 2020.

Table 2.8: Educational Attainment of Residents Age 25 and Over (2000-2020)

	Jefferson County		Kentucky		USA	
Year	2010	2020	2010	2020	2010	2020
No High School Diploma	14.2%	10.9%	18.1%	12.8%	14.4%	11.5%
High School/GED	22.4%	21.1%	34.3%	32.6%	28.5%	26.7%
Some College, No Degree	21.4%	20.2%	20.2%	20.9%	21.3%	20.3%
Associates Degree	6.4%	7.7%	6.8%	8.6%	7.6%	8.6%
Bachelors Degree	21.2%	23.2%	12.4%	14.8%	17.7%	20.2%
Graduate/Professional/Doctorate Degree	14.5%	17.1%	8.1%	10.3%	10.4%	12.7%
Source: U.S. Census Bureau						

2.2.7 Population Diversity

Jefferson County has experienced a reduction in the proportion and number of the population consisting of White residents while the proportion of all other minority populations has increased (Table 2.9). As of 2020, the White population has declined slightly to 62.6% percent compared to 70.5% percent in 2010 and had the greatest change in absolute numbers (-32,310).

Over the same timeframe, minority populations have grown at a faster rate. The two or more races population has experienced the largest population increase as a percentage (138.9%). The Hispanic population had the second highest growth rate at 81.4% and the highest increase in absolute numbers.

Table 2.9: Race and Hispanic Origin 2010-2020

	Total Population	White Alone		Black Alone		Asian Alone		Other Race Alone		Two or More Races		Hispanic	
		#	%	#	%	#	%	#	%	#	%	#	%
2010	741,096	522,561	70.5%	152,451	20.6%	16,171	2.2%	3,150	0.4%	14,221	1.9%	32,542	4.4%
2020	782,969	490,251	62.6%	167,067	21.3%	26,944	3.4%	5,707	0.7%	33,979	4.3%	59,021	7.5%
# Change	41,873	-32,310		14,616		10,773		2,557		19,758		26,479	
% Change	5.7%	-6.2%		9.6%		66.6%		81.2%		138.9%		81.4%	
Source: U.S. Census Bureau													

This trend is expected to continue and will have substantial impacts on Louisville's future service needs. The preferences of these communities may be different from those of current residents and previous generations.

As a result, it will be important to continue to engage these growing communities to ensure that Louisville Parks and Recreation meets their aquatic needs.

2.2.8 Conclusion

Overall, these trends show an aging of the population of Jefferson County as well as changes to the composition of the population, both in terms of the types of households and the characteristics of the residents. The direction chosen for aquatics will determine the availability of opportunities for these residents and will help to enrich the quality of life in Jefferson County for current and future residents.

2.3 SOCIAL VULNERABILITY INDEX

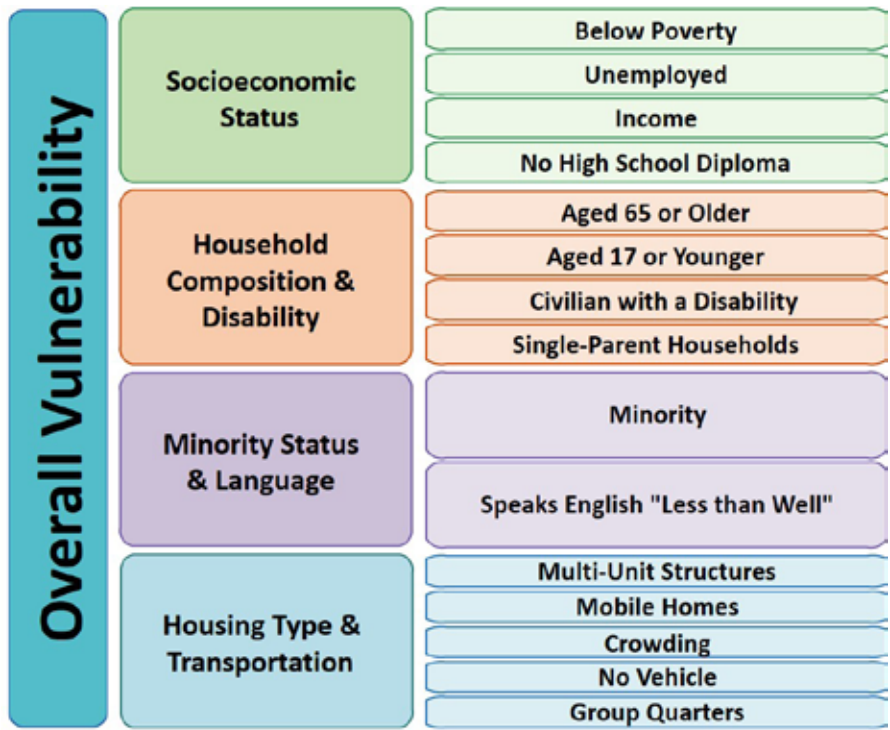
Analysis of demographic and socioeconomic characteristics is valuable to identify the location of populations throughout Jefferson County that are most likely to need or utilize public sector programs, services, and facilities. The product of this analysis can be applied to services beyond those related to parks and recreation services. These results indicate which portions of the county would most likely benefit from community services.

2.3.1 Methodology

Designed to identify communities most likely to need support before, during, or after a hazardous event, the Social Vulnerability Index (SVI) uses 15 social factors to calculate a score (between 0 and 1) that compares all census tracts in the USA to each other – a score of 0 being the least vulnerable and 1 being the most. The 15 facilities are places into four categories as seen in Figure 2.1, each with its own score that is used to determine the overall SVI score.¹

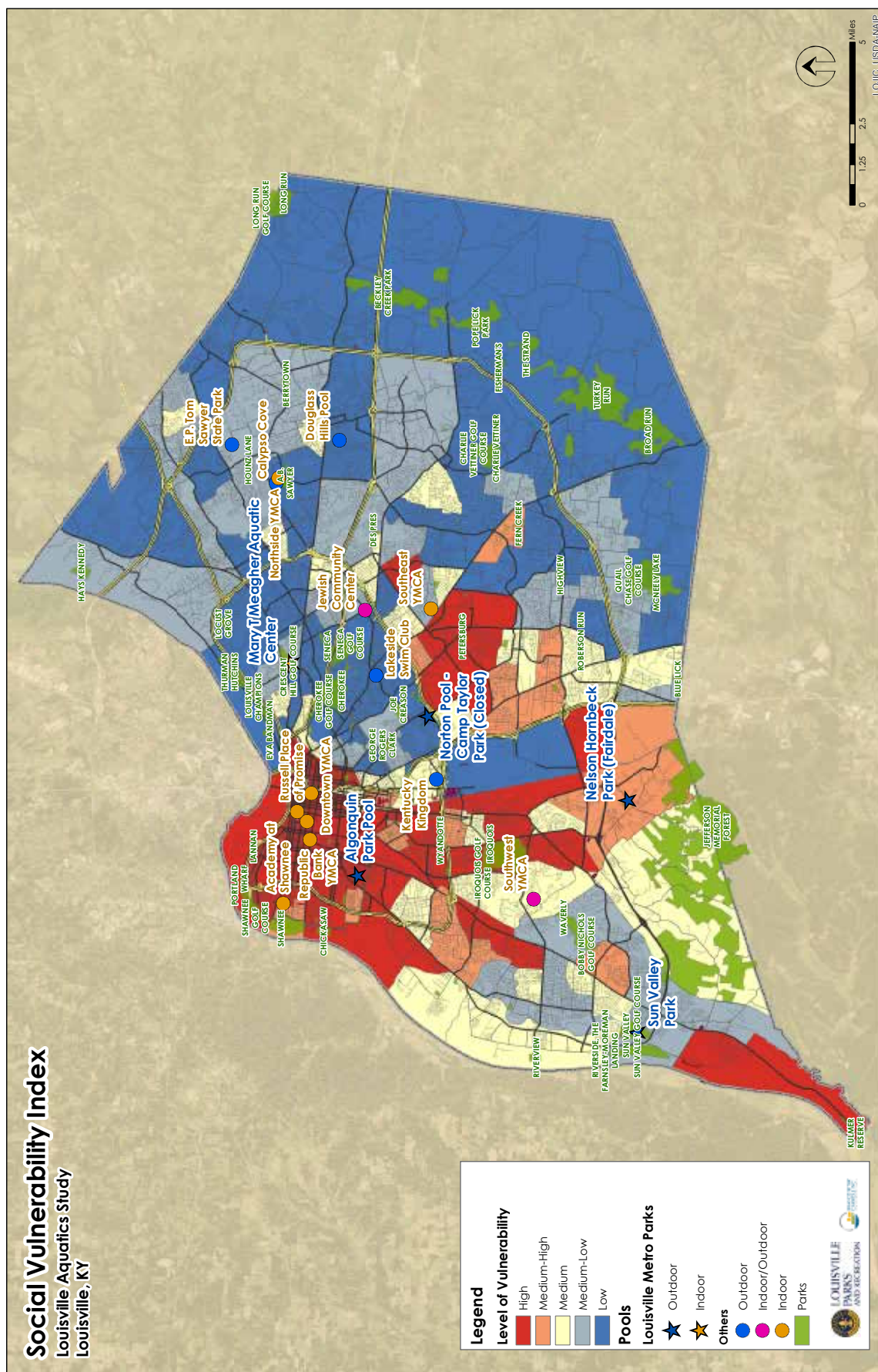
This information provides a valuable resource to identify the portions of a community that are most likely to need community services overall, including parks and recreation. The demographic data used for the 2018 SVI (the most recent available) comes from the American Community Survey (ACS) 5-year estimates from (2014-2018). Census tracts included in the analysis are those that are completely or partially within the boundary of Louisville.

Figure 2.1: Social Vulnerability Factors



¹ Agency for Toxic Substances and Disease Registry, "CDC/ATSDR Social Vulnerability Index," <https://www.atsdr.cdc.gov/placeandhealth/svi/index.html>

Figure 2.2: Social Vulnerability Index



2.3.2 Results

Once the SVI was collected for each census tract in Jefferson County, the results were divided into five categories based on percentiles which can be seen in Figure 2.2. This map shows areas with higher levels of social needs in red and areas with lower levels in blue; the deepest shades indicate the most and least vulnerable areas. Most of the census tracts on the east and north east side are within the low to medium-low categories. Areas with higher vulnerability are concentrated near downtown and Algonquin Park Pool and the west and south west side of the county.

2.4 POOL ATTENDANCE

A review of the budget and attendance numbers of the existing pools is required to provide an overview of the current usage rates and costs associated with the operation of Louisville's aquatic facilities. This information provides a reference from which the aquatic facilities operated by Parks and Recreation can be compared to each other and to facilities in other jurisdictions.

Table 2.10, Pool Attendance 2008-2021, summarizes the overall attendance over this 14-year period. This table does not include the pools that have been closed, repurposed, or changed to splash pads in that time, except for Norton Pool which was closed in 2019 and not reopened. The average annual attendance from 2008 to 2018 is shown on the far-right column. The years 2019 to 2021 were not included due to closures and Covid. As expected, Mary T. Meagher is the best attended because it is year-round and offers the most programs and opportunities for indoor swimming.

The overall attendance shows a significant variance from a high in 2008 to the low in 2017 when all four pools were open. This decline may be due to the deteriorating condition of the pools and/or the other opportunities available to residents. Of the outdoor pools, Fairdale attracts the highest attendance, followed by Algonquin, Sun Valley, and Norton (before it closed). The same trend has also been experienced at the Mary T. Meagher (MTM) Aquatic Center with the high in 2008 of 75,331 down to a low of 48,432 in 2018.

Table 2.10: Pool Attendance 2008-2021

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2008-2018 Average*
OUTDOOR POOLS															
Algonquin	12,793	7,050	8,971	6,521	6,408	3,320	3,407	2,735	2,949	3,107	4,019	Closed	807	4,999	5,571
Fairdale	11,871	8,717	11,632	9,921	9,827	7,991	7,020	6,861	3,993	4,262	7,031	Closed	895	6,255	8,102
Norton	8,591	4,884	6,604	5,232	5,055	4,295	3,828	3,435	3,400	4,329	4,478	Closed	Closed	Closed	4,921
Sun Valley	7,784	5,425	6,242	4,783	6,047	4,617	4,831	4,035	4,957	5,818	5,324	4,163	771	5,636	5,442
Total	41,039	26,076	33,449	26,457	27,337	20,223	19,086	17,066	15,299	17,516	20,852	4,163	2,473	16,890	24,036
INDOOR POOLS															
Mary T. Meagher	34,292	39,271	34,218	35,520	37,388	36,841	39,607	41,646	39,094	37,898	27,580	23,312	9,680	11,516	36,669
Total Indoor and Outdoor	75,331	65,347	67,667	61,977	64,725	57,064	58,693	58,712	54,393	55,414	48,432	27,475	12,153	28,406	60,705

* 2019 through 2021 were not included due to pool closings and Covid.

2.5 POOL REVENUES AND EXPENSES

Table 2.11 illustrates the revenue and expense summary from 2018 through 2021. The year 2018 is discussed here because it is the last full year of operations and years 2020 and 2021 operated at reduced rates. Income at the outdoor pools was \$49,420 and the MTM Center was \$581,781 for a total revenue of \$631,201 plus Council appropriations of over \$11,000. Expenses totaled \$460,094 for the four outdoor pools plus \$850,107 at MTM Center for a total expense of \$1,310,201. This results in a total operating deficit of \$667,548 for the year.

Table 2.11: Pool Revenue and Expenses

REVENUE SUMMARY	2018	2019	2020 ¹	2021 ¹
Outdoor Pools¹				
Algonguin	\$4,961.91	Closed	\$1,699.00	\$9,508.00
Fairdale	\$16,238.15	Closed	\$1,724.00	\$12,428.00
Norton	\$10,219.08	Closed	Closed	Closed
Sun Valley	\$11,557.00	\$10,089.00	\$1,836.00	\$10,458.00
Metro Camps	\$6,444.00			
Total Outdoor Pools	\$49,420.14	\$10,089.00	\$5,259.00	\$32,394.00
Indoor Pools				
Mary T. Meagher	\$581,781	\$591,300	\$439,797	\$412,599
Total All Pools	\$631,201	\$601,389	\$445,056	\$444,993
Council Appropriations				
Councilwoman Dorsey	\$4,092.00			
Councilwoman Fowler	\$4,480.00			
Councilwoman Welch	\$2,880.00			
Total	\$11,452.00			
Total Revenue	\$642,653	\$601,389	\$445,056	\$444,993

1- Charged \$2 for Outdoor Pools in 2020 and 2021. Fees were waived at Algonquin in 2020 and paid by Council Appropriations.

EXPENSE SUMMARY	2018	2019	2020	2021
Outdoor Pools				
Personnel	-\$345,136	-\$274,180		
Contractual Services	-\$49,387	-\$19,401		-\$69,003
Supplies	-\$65,571	-\$22,124		-\$120,520
Equipment Rental				
Utility Services ²		-\$15,889		-\$2,982
Total Outdoor Pools	-\$460,094	-\$331,594	\$0	-\$192,505
2 - 2018 utilities expenditure is the average of 2019, 2021, and 2022.				
Mary T. Meagher Aquatic Center				
	2018	2019	2020	2021
Personnel	-\$406,568	-\$537,913	-\$511,819	-\$601,505
Contractual Services	-\$215,261	-\$33,444	-\$22,977	-\$66,937
Supplies	-\$29,470	-\$48,864	-\$51,737	-\$68,084
Equipment/Capital Outlay	-\$338	-\$4,229	-\$250	-\$1,155
Utilities ³	-\$198,470	-\$189,933	-\$195,566	-\$233,091
Total Indoor Pools	-\$850,107	-\$814,383	-\$782,349	-\$970,772
3 - 2018 utilities expenditure is the average of 2019 through 2022.				
Total Expenses	-\$1,310,201	-\$1,145,977	-\$782,349	-\$1,163,277
Total Deficit⁴	-\$667,548	-\$544,588	-\$337,293	-\$718,284

Source - Combination of files provided by Louisville Parks and Recreation from the 10 - Year Summer Season Revenue Summary and the annual LeAP Unit Activity Reports.



INVENTORY AND ANALYSIS

3.1 INTRODUCTION

The Inventory and Analysis chapter consists of the following elements:

- An inventory of existing pools
- A location analysis of pools
- A description of the existing conditions of each pool
- An inventory of aquatic programs offered by Louisville Parks and Recreation
- A review of trends in aquatics
- A benchmarking analysis of Louisville aquatics to other jurisdictions

3.2 AQUATICS INVENTORY

3.2.1 Facilities Offered by Louisville Metro

The Louisville Parks and Recreation Department currently has four outdoor aquatic facilities of which three are operational, one indoor aquatic center, and 30 spraygrounds. The Norton Pool has been closed for the last four years. Several aquatic facilities offered by others serve the Louisville area as well. Table 3.1 presents the city's four outdoor aquatic facilities plus the Mary T. Meagher Aquatic Center with the total size in gallons (sum of all waterbodies) and available features. The location of these five aquatic facilities can be seen in Figure 3.1 represented by blue stars for the city operated outdoor pools, a yellow star for the Mary T. Meagher Aquatic Center, blue circles for outdoor pools operated by others, pink circles for facilities with both indoor and outdoor pools, and yellow circles for indoor pools operated by others.

Table 3.1: Aquatic Facility Features

Facility Name	Year Built	Total Gallons	Square Feet	Lap Lanes	Small Waterslides
Aquatic Facilities					
Outdoor Pools					
Algonquin	1954	595,764	15,770	0	1
Fairdale	1968	271,440	6,900	0	1
Norton	1964	249,600	6,704	0	
Sun Valley	1952	184,860	4,875	0	1
Total - Outdoor Pools		1,301,664	34,249	0	3
Indoor Pools					
Mary T. Meagher - Olympic Pool ¹	1954*	608,306	16,102	12	
Mary T. Meagher - Small Warm Water Pool	1970	137,155	704	0	
Total - Indoor		745,461	16,806	12	0
Total Indoor and Outdoor		2,047,125	51,055	12	3

¹Originally constructed as an outdoor pool. Renovated in 1998.

² Outdoor pools do not include shallow water play, wading pools, zero depth entry, diving boards, or splash pads in the pool fence.

3.2.2 Aquatic Facilities Offered by Others

Public Pools by Others:

- E.P. Tom Sawyer State Park
- Douglass Hills Pool
- Kentucky Kingdom

Private Pools:

- Lakeside Swim Club
- Calypso Cove Water Park (Northeast YMCA)
- Southwest YMCA
- Private Swim Clubs
- Homeowners Association Pools
- Neighborhood Pools with Membership Required
- Country Clubs
- Jewish Community Center

Outside of Louisville:

- Oldham County Aquatic Center
- Clarksville Cove Family Aquatic Center
- Juniper Hill Family Aquatic Center (Frankfort)
- Mount Washington Public Pool
- South Harrison Park Pool (Laconia IN)
- Jeffersonville Aquatic Center
- River Run Family Waterpark (New Albany, IN)

[illegible]

Indoor Facilities by Others:

- Louisville JCC
- Private Club or Fitness Facility
- Republic Bank Foundation YMCA
- Southeast Family YMCA
- Downtown Family YMCA
- Northeast Family YMCA
- Southwest Family YMCA

Universities:

- Ralph Wright Natatorium at the University of Louisville

JCPS Pools:

- Central High School
- Academy @ Shawnee

3.3 LOCATION ANALYSIS

In order to compare the location of the pools in Louisville to the location of residents, service areas for each of the pools were determined to show the areas of the city that were located within a certain range of an aquatic facility. Figure 3.2 illustrates the pool service areas for the city pools based on drive times. The dark blue areas represent portions of the city within a 5-minute drive of any of the four outdoor pools operated by the city. The light blue areas represent a 10-minute drive, while the purple areas represent portions of the city within a 5-minute drive of the Mary T. Meagher (MTM) Indoor Aquatic Center, and the pink area indicates a 10-minute drive to the MTM Center.

Based on this figure, most residents of the western half of Jefferson County are within a 10-minute drive of one of the five aquatic facilities offered by the city. Table 3.2 shows the number of residents that can reach a pool within a 5-minute drive. Overall, only 9% of Louisville residents are within a 5-minute drive to a pool, and 45% are within a 10-minute drive. A total of 7% are within a 10-minute drive to two pools. This does not account for private pools, HOA pools, and pools offered by others. Service gaps for aquatic facilities (based on a 10-minute drive) appear in three notable areas.

Table 3.2: Population by Service Area

Aquatic Facility	5-Minute Total		10-Minute Total	
	Population	%	Population	%
Existing Locations				
Nelson Hornbeck Park (Fairdale)	8,396	1%	44,817	6%
Sun Valley Pool	7,568	1%	48,046	6%
Algonquin Park Pool	16,297	2%	60,958	8%
Norton Pool	14,164	2%	105,976	13%
Mary T. Meagher Aquatic Center	21,880	3%	44,271	6%
Service Overlap				
Algonquin & Norton		N/A	26,334	3%
Mary T Meagher & Norton		N/A	18,902	2%
Nelson Hornbeck & Sun Valley		N/A	2,119	0.3%
Nelson Hornbeck & Norton		N/A	5,682	1%
Jefferson County Residents	68,305	9%	357,105	45%

-
- South central area (West of Dixie Highway, east of Cane Run Road and between I-264 on the north and Pleasure Ridge Park on the south)
 - Newburg to Fern Creek area
 - Eastern portion of Louisville-Jefferson County

Figure 3.3, Priority Areas, illustrates those areas that have low levels of access to pools from Figure 3.2 and High Social Vulnerability (potential need for social services) from Figure 2.2 (Chapter 2) in shades of red, with the darker areas being the higher priority areas. Note that some of the red is on the riverfront, in industrial areas, and the airport where no residents live.

Areas in dark red are areas in which it takes 10-minutes or more to drive to a pool while the light red indicates a 5-minute or more driving, plus high levels of social vulnerability. Priority areas include those nearest downtown Louisville, near Shively, near Wyandote, near Petersburg, and south of Sun Valley Park.

3.4 EXISTING CONDITIONS AT EACH POOL

The ensuing text provides a general description of the conditions of each of the aquatic facilities operated by Louisville Parks and Recreation. See Appendix B – Qualitative Assessment for a detailed analysis of each facility, including the sites, pools, and structures.

3.4.1 Algonquin Pool

Algonquin Pool is located in the northwestern part of Louisville and has the largest percentage of residents within a 10-minute drive of the open pools at 8%. The pool was originally opened in 1954. And is the only outdoor 50-meter pool.

Site Location

Algonquin Park and Pool are located in the block bordered by Cypress Street to the east, Burwell Avenue on the south, Beech Street on the west, and West Gaulbert Avenue to the north.

Existing Pool Features

The facility the following features:

- 50-meter pool
- Small waterslide

Facility Issues

Main issues include:

- Aging facility is in need of repairs.
- The fence is often cut for illegal entry.
- The building needs many repairs and portions are not ADA accessible.

3.4.2 Fairdale Pool

Fairdale Pool is an L-shaped pool located in Nelson Hornbeck Park and was originally opened in 1968 and includes 6,900 square feet of pool.

Site Location

Fairdale Pool is located in the south-central portion of Louisville. The main access is from Fairdale Road.

Figure 3.2: Pool Service Areas

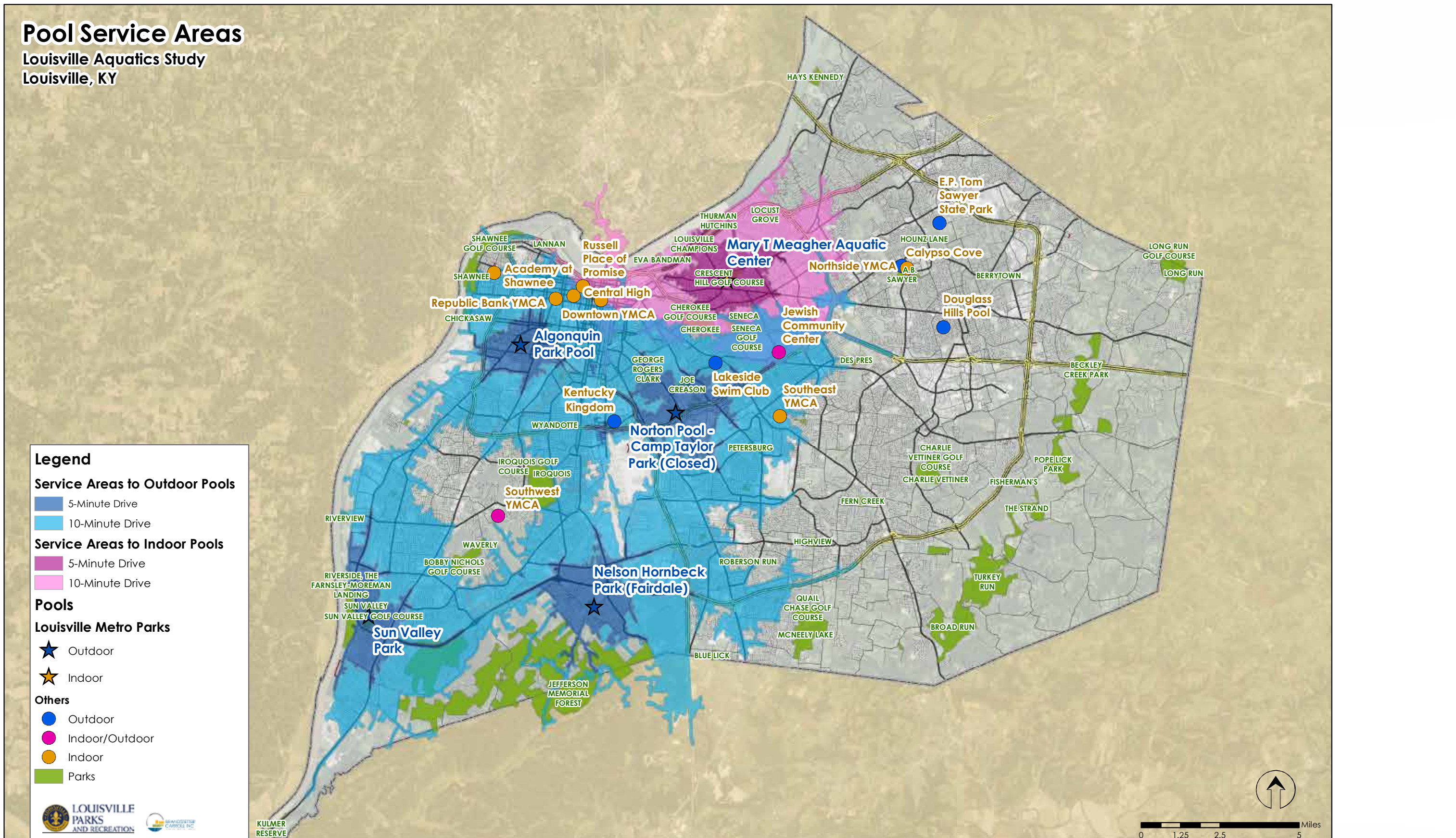
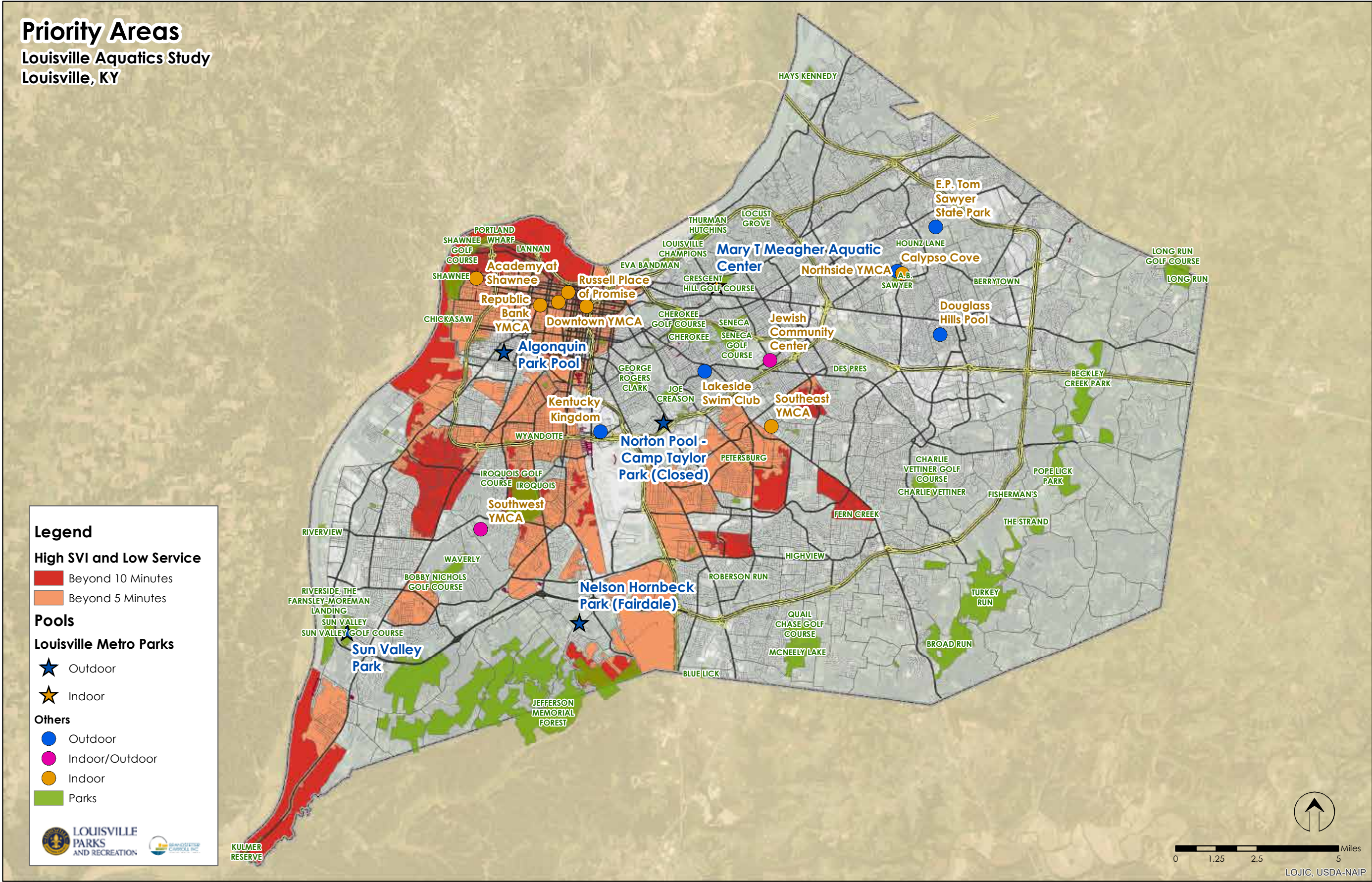


Figure 3.3: Priority Areas



Existing Pool Features

- Main pool (50 meters – no lane markings)
- Small waterslide
- Splash pad

Facility Issues

- Limited number of family-oriented features
- No zero-depth access
- No shade
- No grass area
- Expand filtration system

3.4.3 Norton Pool

Norton Pool is an L-shaped pool located in Camp Taylor Memorial Park. The pool was originally constructed in 1964 and has seen no major renovations since that time. The pool has been closed for the last four years due to leaks and other issues.

Site Location

Norton Pool is located just northwest of the intersection of Poplar Level Road and I-264 with access from Lee Avenue, Taylor Avenue, and Lincoln Avenue.

Existing Pool Features

The facility includes the following features:

- Main pool L-shaped

Facility Issues

- Age of facility
- Poor condition of pool walls
- Lack of family-oriented features
- Minimal parking along the street

3.4.4 Sun Valley Pool

Sun Valley Pool was originally constructed in 1952, which makes it the oldest of the Louisville Pools. It is also the smallest of the current pools. Of the remaining pools, it serves the smallest number of residents within a 5-minute drive.

Site Location

Sun Valley Pool is located in Sun Valley Park, adjacent to the Sun Valley Community Center, in southwest Louisville. Access is from Bethany Lane off of the Greenbelt Highway.

Existing Pool Features

The facility includes the following features:

- Main pool (100 feet)
- Small waterslide

Facility Issues

- Age of facility
- Portions of pool house not ADA accessible

-
- Lack of family-friendly features
 - No zero-depth access
 - Limited shade
 - No grass beach area

3.4.5 Mary T. Meagher Aquatic Center

The Mary T. Meagher Aquatic Center was originally built as a 50-meter outdoor pool, similar to Algonquin Pool, in 1954 and the roof and surrounding spaces were added in 1998. A new liner was installed in 2021.

Site Location

The Mary T. Meagher Aquatic Center is located off of Reservoir Avenue and adjacent to the Crescent Hill Golf Course. Access is from Brownsboro Road and Frankfort Ave.

Existing Pool Features

The facility includes the following features:

- Main pool (50-meter)
- Warm water therapy pool
- Weight training room
- Party room/classroom

Facility Issues

- Age of facility
- Lack of spectator space for meets
- Therapy pool not level
- Humidification and air quality issues
- Solar heat system not working

3.5 PROGRAM INVENTORY

Louisville Parks and Recreation hosts a variety of aquatic programs that are listed below. Swim lessons are offered at all pools.

Staff Trainings

- Lifeguard Instructor Trainer
- Lifeguard Instructor
- First Aid/CPR/AED Instructor
- CPR/AED for Professional Rescuer Instructor
- Certified Pool Operator (CPO)
- Lifeguard Class

Staff-Directed Programs

Aqua Exercise Class, Aqua Cardio Class, M.S. and Related Conditions Aqua Class, Aqua Bootcamp, Warm Water Aqua Class, Silver Sneakers Aqua Class, Land Boot Camp, Silver Sneakers Classic, Silver Sneakers Cardio Fit, Silver Sneakers Yoga, Baby Splash, Preschool Swim Lessons, Grade School Swim Lessons, Adult Swim Lessons, Swim to Win Triathlon Swim Training, Family Fun Nights, Trunk-R-Treat, Camp Quality Toy Drive

Partner-lead programs

USA Masters Adult Learn to Swim, LMPD Dive Team, LMPR River Patrol USA Masters Swim Team, NAVY Seals Training, Air Force Special Operations Training, Bellarmine University Swim Team, Bellarmine University Swim Meets, Lakeside Seahawks Swim Team, Lakeside Seahawks Swim Meets, SCUBA Training, LMPD SWAT Team, Louisville Fire and Rescue.

Partner-Outside Agencies

Summer Swim Club – Louisville Sports Commission, Camp Quality Events

Department Goals (Provided by staff)

Increase Lifeguard Training, Increase Swim Lessons, Increase Summer Swim Lessons at Outdoor Pools, Increase Cleanliness of all Outdoor Pools, Improve Staff Trainings, Increase Staff Trainings

Surrounding communities are hosting a wide variety of programs such as:

- Dive in Movies
- Inclusive Swim and Play Days / Adapted Aquatics
- Fathers Day at the Pool
- Boat Regattas
- Doggy Splash Day
- Stroke Clinics
- Kids Triathlon
- Aquatic Fitness (Zumba/Aerobics)
- Paddle Boarding
- Snorkeling/Scuba

3.6 AQUATIC TRENDS

3.6.1 Outdoor Family Oriented Aquatics

In recent years, older rectangle and L-shaped swimming pools have experienced a declining level of appeal to aquatics patrons. The desire to have 3½ foot depths of water for flip turns, or competition swimming, dictated a deeper water depth of the pool, leading to a lack of shallow water. As a result, younger children were relegated to a “baby” pool, which generally only appeals to babies and toddlers. Inadequate amenities for 4 – 10-year-olds limit the draw of these older pools.

The newer family aquatic centers are geared toward the entire family with zero depth access, shallow water, interactive water spray activities, along with the traditional competition lanes and diving boards. Newer aquatic facilities are often incorporating lazy rivers, which are popular with people of all ages. The newer facilities also provide large waterslides. These elements, along with a generous amount of shade structures, larger grass beach areas, and quality concessions, have resulted in a complete turnaround in the net operating costs for the aquatic facilities of many municipalities.



Whereas the older pools were a drain on the budget, newer facilities are more likely to generate funds to cover the operations cost, and many even show a surplus, which can be used to pay off some of the debt service for the capital construction. When older pools have been renovated to include the newer features, some

communities have seen as much as a 200% increase in attendance. This demand provides an opportunity for charging higher fees, potentially yielding increased income. Louisville's aquatic facilities operate at a deficit, generating less revenue than they cost to operate (as outlined in Chapter 2). The facilities that perform better are those that have incorporated many of these amenities, although some of these features are currently lacking at Louisville pools.

3.7 BENCHMARKING ANALYSIS

One method of evaluating the aquatic services offered in the community is to use benchmarking comparisons to other communities. Each year the Trust for Public Land publishes its "City Park Facts" which summarizes the characteristics of the top 100 cities in the United States in population. In that list, Louisville ranks 29th in population, but ranks 89th in the number of pools provided per 100,000 people at 0.8. In comparison, Cleveland and Cincinnati rank 1st and 2nd at 10.7 and 7.7 pools per 100,000. Lexington is 50th at 1.9. Below is a table of regional communities:

Table 3.3: TPL Pool Benchmarking Comparison

City	Rank	Pools per 100,000
Cleveland	1	10.7
Cincinnati	2	7.7
Pittsburgh	4	6.2
Memphis	31	2.8
St. Louis	33	2.6
Lexington	50	1.9
Columbus	84	1.0
Louisville	89	0.8

Louisville ranks much higher in the splash pad category at 12th with 6.2 splash pads per 100,000 residents.



PUBLIC INPUT

4.1 INTRODUCTION

The Public Input chapter consists of the following elements:

- A summary of the public meetings
- A summary of Web and Mail Surveys

4.2 PUBLIC MEETINGS

4.2.1 On-Site Engagement – April 18th, 2022 through April 28th, 2022

Attendees of the public meetings were given three red and three green dots to place on boards indicating their preferences. One board provided photos of aquatic features, and one board provided photos of aquatic programs. The activity requested that participants choose the features and programs most important to them and their households. Children were also invited to participate. Between the four events, approximately 50 community members participated in these activities. Counts of the selections by event are presented in Tables 4.1 and 4.2.



On the feature boards (Table 4.1), an indoor lap pool received the largest number of dots (28), followed by lap lanes (24) and lazy river (22). All options received some support, indicating that all of these amenities are important to some Louisville residents. On the program boards (Table 4.2), swim teams received the largest number of dots (30), followed by swim lessons and snorkeling/scuba diving (22). Most options received some support; however, innertube water polo and synchronized swimming did not receive any dots. It should be noted that the open house at Mary T. Meagher Aquatic Center engaged several swim team members that were using the facility which skewed the percentages toward swim teams and lap lanes.

Table 4.1: Feature Preference Results

Aquatic Features	Event				Total	%
	Open House 4/18/2022	Open House 4/21/2022	Open House 4/26/2022*	Open House 4/28/2022		
Indoor Lap Pool		1	27		28	18%
Lap Lanes	2	3	19		24	15%
Lazy River	2		18	2	22	14%
Warm Water Therapy Pool			8	6	14	9%
Tall Waterslide			8	2	10	6%
Indoor Family Activity Pool			3	7	10	6%
Climbing Wall			8	1	9	6%
Poolhouses		2	2	2	6	4%
Splash Pad	1	1		4	6	4%
Shallow Water Play	2	1	1	2	6	4%
Shade	2		1	3	6	4%
Dumping Bucket		2	2	1	5	3%
Family Aquatic Center			3	2	5	3%
Concession Area	1		1	2	4	3%
Vortex				3	3	2%
Family Slide			1		1	1%
Total	10	10	102	37	159	
Participants	3	3	34	12	53	

* Included several swim team participants at Mary T. Meagher Aquatic Center

Table 4.2: Program Preference Results

Programs	Event				Total	%
	Open House 4/18/2022	Open House 4/21/2022	Open House 4/26/2022*	Open House 4/28/2022		
Swim Teams	1	1	28		30	19%
Swim Lessons	3	2	9	8	22	14%
Snorkeling/scuba Diving		1	18	3	22	14%
Water Fitness		1	8	8	17	11%
Lifeguard Training	3		8	3	14	9%
Lap Swim Times		1	11		12	8%
Movie Nights		1	4	7	12	8%
Water Volleyball	1	1	1	4	7	4%
Senior Programs	2		2	2	6	4%
Water Basketball	1	1		2	4	3%
Paddleboard Yoga			4		4	3%
Log Rolling			2	1	3	2%
Paddleboarding			2		2	1%
Kayaking				1	1	1%
Innertube Water Polo					0	0%
Synchronized Swimming					0	0%
Total	11	9	97	39	156	
Participants	4	3	32	13	52	

* Included several swim team participants at Mary T. Meagher Aquatic Center

4.2.2 Dollar Voting

Participants at on-site events were given \$1,000 in play money to distribute how they felt the city should allocate funds for various aspects of aquatics. Table 4.3 shows the totals for the various categories. Participants could also purchase “other” cards to request specific items not provided on one of the



provided boxes. The combined results for the 41 participants at the events are listed below with the dollars for each aquatic improvement option and the percentage of the total allocated for the improvement.

Table 4.3: Dollar Voting Improvement Allocations

Action (Box Title)	Event				Total
	Open House 4/18/2022	Open House 4/21/2022	Open House 4/26/2022*	Open House 4/28/2022	
Lazy river	\$200	\$300	\$5,600	\$1,700	\$7,800
	8%	12%	22%	37%	19%
Outdoor lap lanes	\$200	\$600	\$6,300	\$400	\$7,500
	8%	23%	24%	9%	19%
Indoor lap pool	\$100	\$200	\$6,100	\$600	\$7,000
	4%	8%	23%	13%	17%
Tall waterslides	\$0	\$0	\$3,900	\$1,600	\$5,500
	0%	0%	15%	35%	14%
Improved pool houses	\$300	\$700	\$3,100	\$1,300	\$5,400
	12%	27%	12%	28%	13%
Indoor family activity pool	\$400	\$500	\$1,700	\$2,200	\$4,800
	16%	19%	7%	48%	12%
Waterslides for small children	\$400	\$300	\$1,300	\$1,300	\$3,300
	16%	12%	5%	28%	8%
Shade	\$400	\$100	\$1,600	\$1,100	\$3,200
	16%	4%	6%	24%	8%
Climbing walls	\$100	\$0	\$2,500	\$200	\$2,800
	4%	0%	10%	4%	7%
Shallow water/zero depth entry	\$600	\$200	\$1,000	\$700	\$2,500
	24%	8%	4%	15%	6%
Spraygrounds/Splash pads	\$300	\$400	\$700	\$1,000	\$2,400
	12%	15%	3%	22%	6%
Total	\$2,500	\$2,600	\$26,000	\$4,600	\$40,400

* Included several swim team participants at Mary T. Meagher Aquatic Center

Of the options provided, the largest allocation was given to the development of a lazy river with 19% of the funding allocations or \$7,800. The development of new outdoor lap lanes (19%) and indoor lap pool (17%) received the second largest allocation of these options. Tall waterslides and improved pool houses were next.

4.2.3 Common Themes from the Public Workshops and the Stakeholder Groups during the Aquatics Master Plan (Not in Order)

- Update parks – meet current needs
- Upgraded indoor pool
- Increase number of lap lanes
- New outdoor aquatic centers
- More shade
- More aquatic programs

4.3 SURVEYS

4.3.1 Statistically Valid Survey - Overview and Methodology

The Consultants subcontracted with ETC Institute to conduct a Pools and Aquatics Survey (Mail Survey) in spring of 2022 to help establish priorities for the future development of aquatic facilities, programs, and services within the community. The survey was designed to obtain statistically valid results from households throughout the Louisville Metro Area. The survey was administered by mail with the option to either complete and mail back or complete it online.

City of Louisville officials worked with members of the Brandstetter Carroll Inc. project team and ETC Institute to develop the survey questionnaire. This collaboration allowed the survey to be tailored to issues of strategic importance to effectively plan the future of aquatics in Louisville.

The survey packet was mailed to a random sample of households throughout the Louisville Metro Area. The goal was to obtain a total of at least 800 completed surveys. This goal was met with a total of 802 surveys completed. The results of the random sample of 802 households had 95% level of confidence with a precision rate of at least +/- 3.5%.

The ETC Institute provided cross tabulations of the results by income levels, by the four planning areas, and by household types (families with children, with seniors, etc.). Where significant differences were identified, those are included in the text.

Figure 4.1 illustrates the approximate locations of the respondents as well as identifies the four planning areas for the survey.

4.3.2 Web Survey

In addition to the Mail Survey, Louisville Aquatics and Brandstetter Carroll Inc. prepared a handout and web-based survey (Web Survey) using Survey Monkey. A total of 340 local residents completed this survey. Of these respondents, 254 (76%) were residents of Louisville, and 86 were either from outside of the city or chose not to respond to the question.¹ Many of the surveys were completed on handout versions that were available at the public workshops, stakeholder meetings, and park facilities throughout the community and were manually entered into the computer. In the charts on the following pages, the results of the Web Survey and the Mail Survey were combined into one figure where possible for comparison of the results.

4.3.3 Survey Results

The following pages summarize the major findings of the surveys. The results of both surveys are presented in this text for comparison. Because the Mail Survey results were collected using a statistically valid random sample, the results are intended to represent the residents of Louisville Metro as a whole, both users and non-users. The Web Survey was available to be completed by any resident who chose to be involved in the process. The figures summarizing survey responses below were sorted based on the results of the Mail Survey.

4.3.4 Visitation to Aquatic Facilities

Visitation to Outdoor Aquatic Facilities

Respondents to the Mail Survey were asked about their visitation to outdoor aquatic facilities in or near Louisville in the last two years. Figure 4.2 shows the proportion of respondents for both surveys that reported that a member of their household visited aquatic facilities in the past two years while Figure 4.3 shows their frequency of visitation during the past year which was dominated by mostly 1 to 5 visits. According to the statistically valid Mail Survey, the most visited outdoor facility was Kentucky Kingdom (23%), followed by other private pools (20%). The Mail Survey, (Figure 4.5), shows that the visitation to spraygrounds or splash pads is similar to the visitation to Louisville's aquatic facilities overall (Figure 4.2).

Not surprisingly, respondents were more likely to attend the pool closest to their residences and households with children were much more likely to visit an aquatic facility and to visit more frequently. A high percentage of lower income families attend Algonquin Pool and the higher income families showed higher visits to the private clubs, HOA pools, country clubs, and YMCAs. Respondents from the east planning area were less likely to visit a city pool.

Visitation to the Mary T. Meagher Aquatic Center was fairly evenly distributed among the planning areas with slightly higher percentage from the north planning area.

¹ 79 respondents skipped the question

Figure 4.1: Survey Respondent Household Distribution

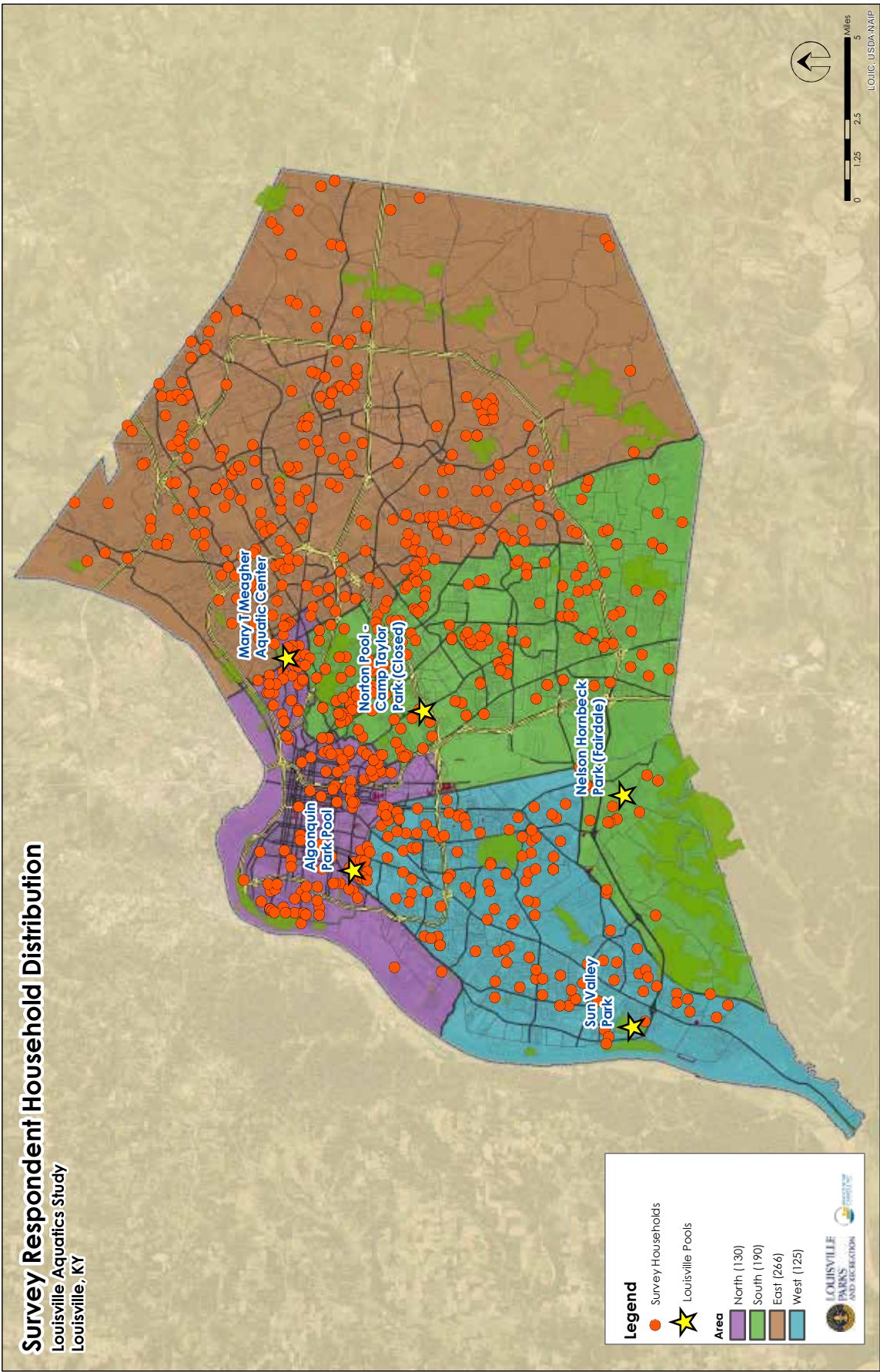


Figure 4.2: Visitation of Aquatic Facilities

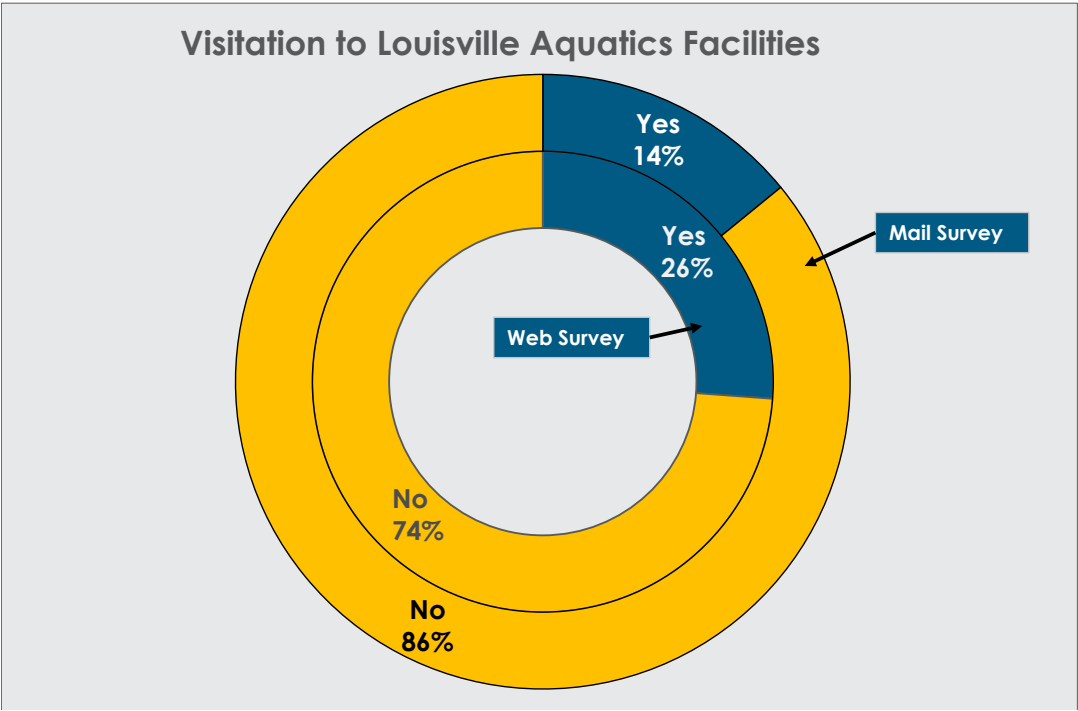


Figure 4.3: Frequency of Visitation to Louisville Aquatics Facilities

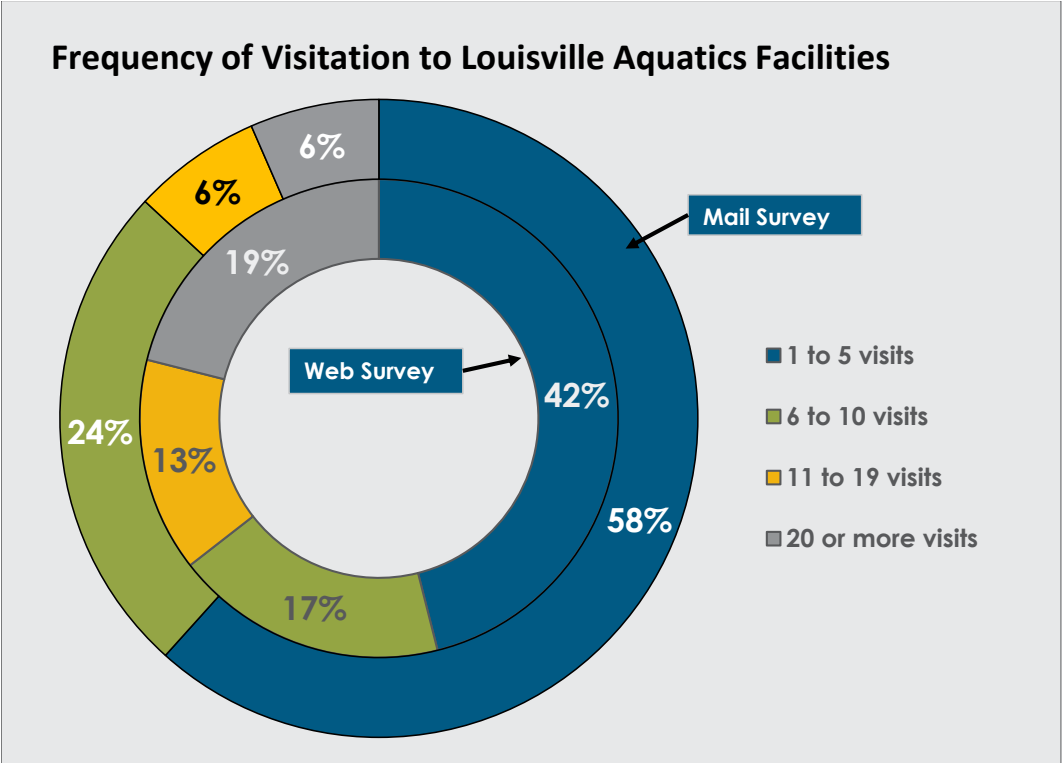
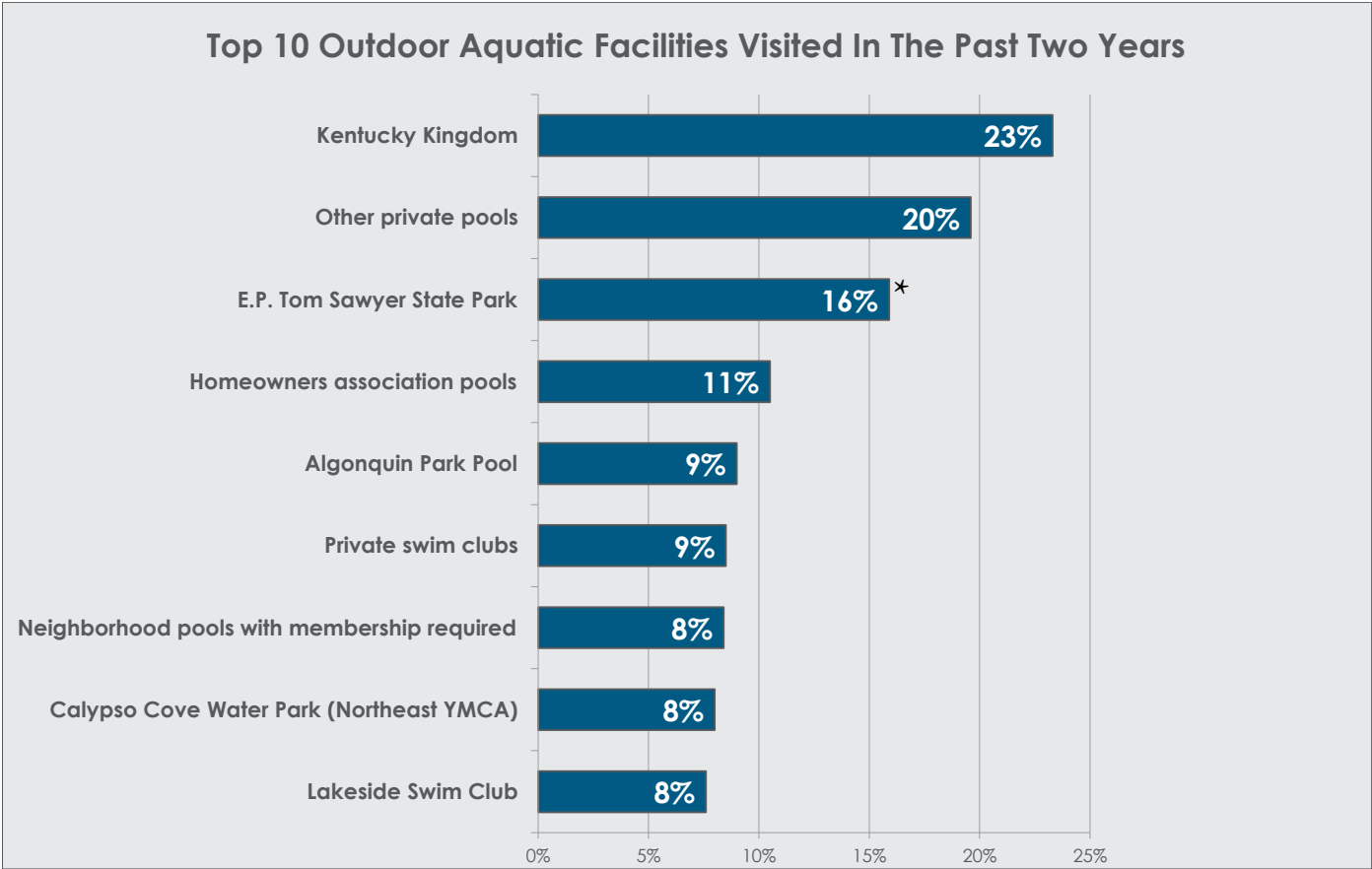
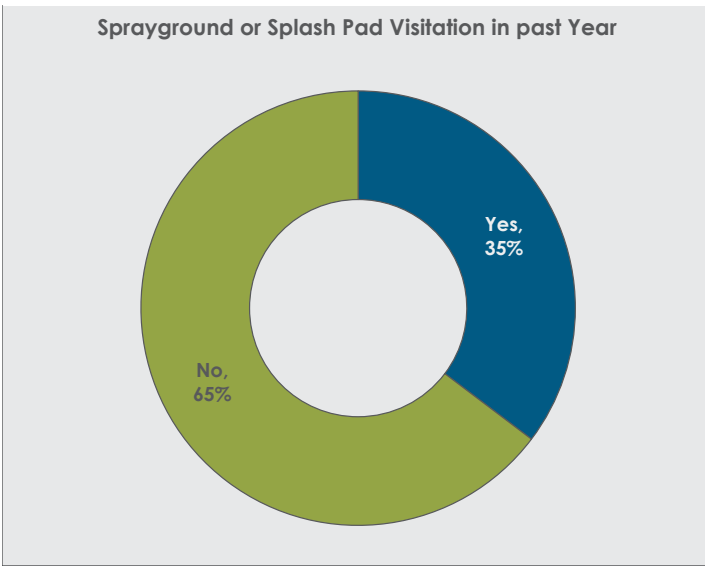


Figure 4.4: Visitation of Outdoor Aquatic Facilities (Mail Survey)



*E.P. Tom Sawyer State Park Pool has been closed the past two years and plans to reopen in the future.

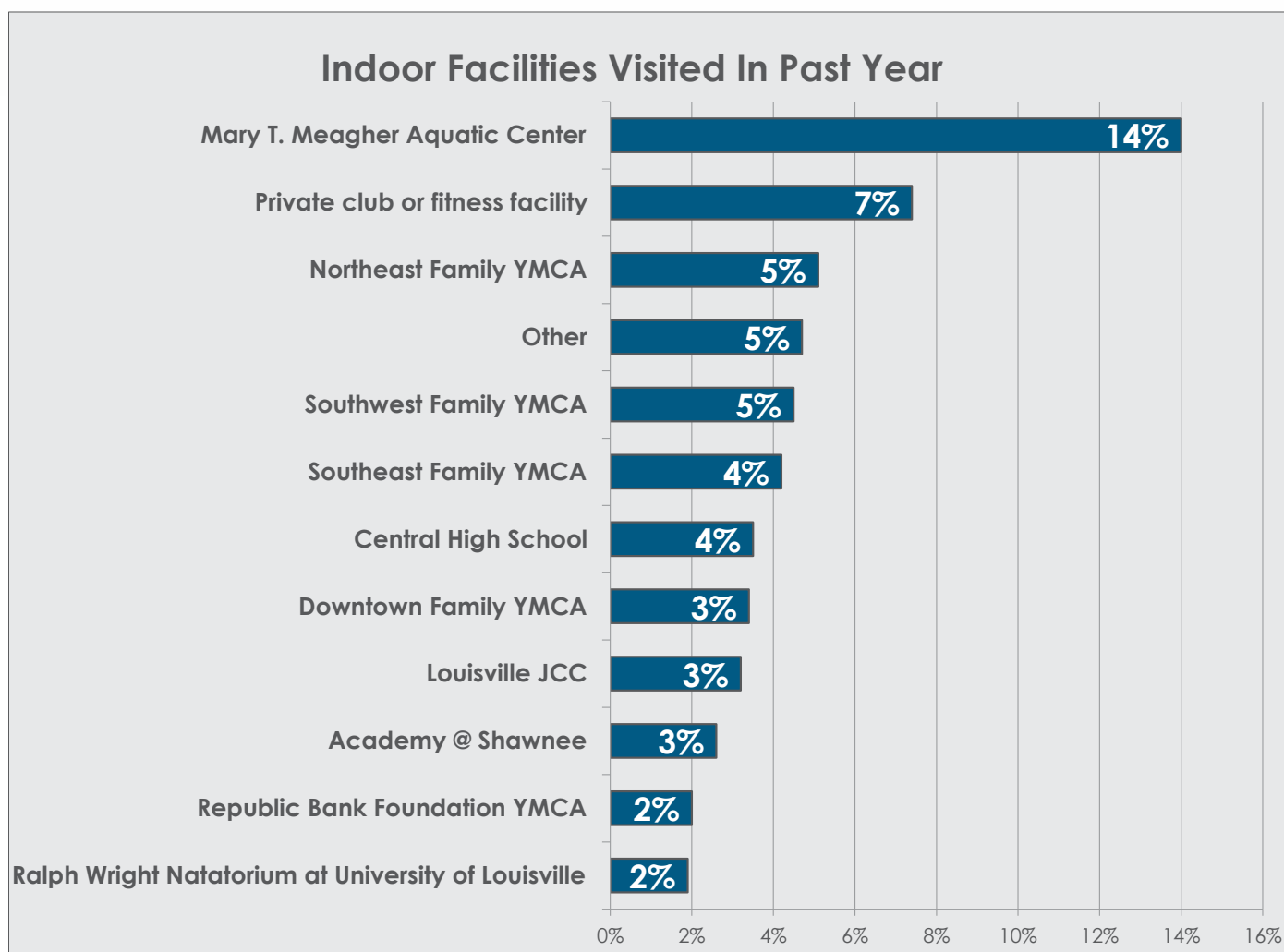
Figure 4.5: Visitation to a Sprayground/Splash Pad (Mail Survey)



Visitation to Indoor Aquatic Facilities

Respondents to the Mail Survey were asked about their visitation to indoor aquatic facilities in or near Louisville in the last 2 years. Figure 4.6 shows the proportion of respondents that reported that a member of their household visited each aquatic facility over that time. According to the survey, the most visited indoor facility was the Mary T Meagher Aquatic Center (14%).

Figure 4.6: Visitation of Indoor Aquatic Facilities (Mail Survey)



4.3.5 Proximity of Aquatic Facilities

Figure 4.7 shows the facility closest to respondents' homes. E.P. Tom Sawyer State Park was the closest to the most homes (9%), while Algonquin Park Pool and Kentucky Kingdom followed, both at 8%. The areas that the top three facilities in this question are located also coincide with the areas identified as top priority for investment. Other pools and aquatic facilities that follow are all for private use and require memberships.

Figure 4.8 identifies the distance respondents are willing to travel to get to an aquatic facility. The majority of respondents said they were willing to travel 10-15 minutes (34%), while 28% said they were willing to travel 15-30 minutes. Only 6% were willing to travel longer than 30 minutes to reach an aquatic facility.

Figure 4.7: Proximity of Facility Closest to Home (Mail Survey)

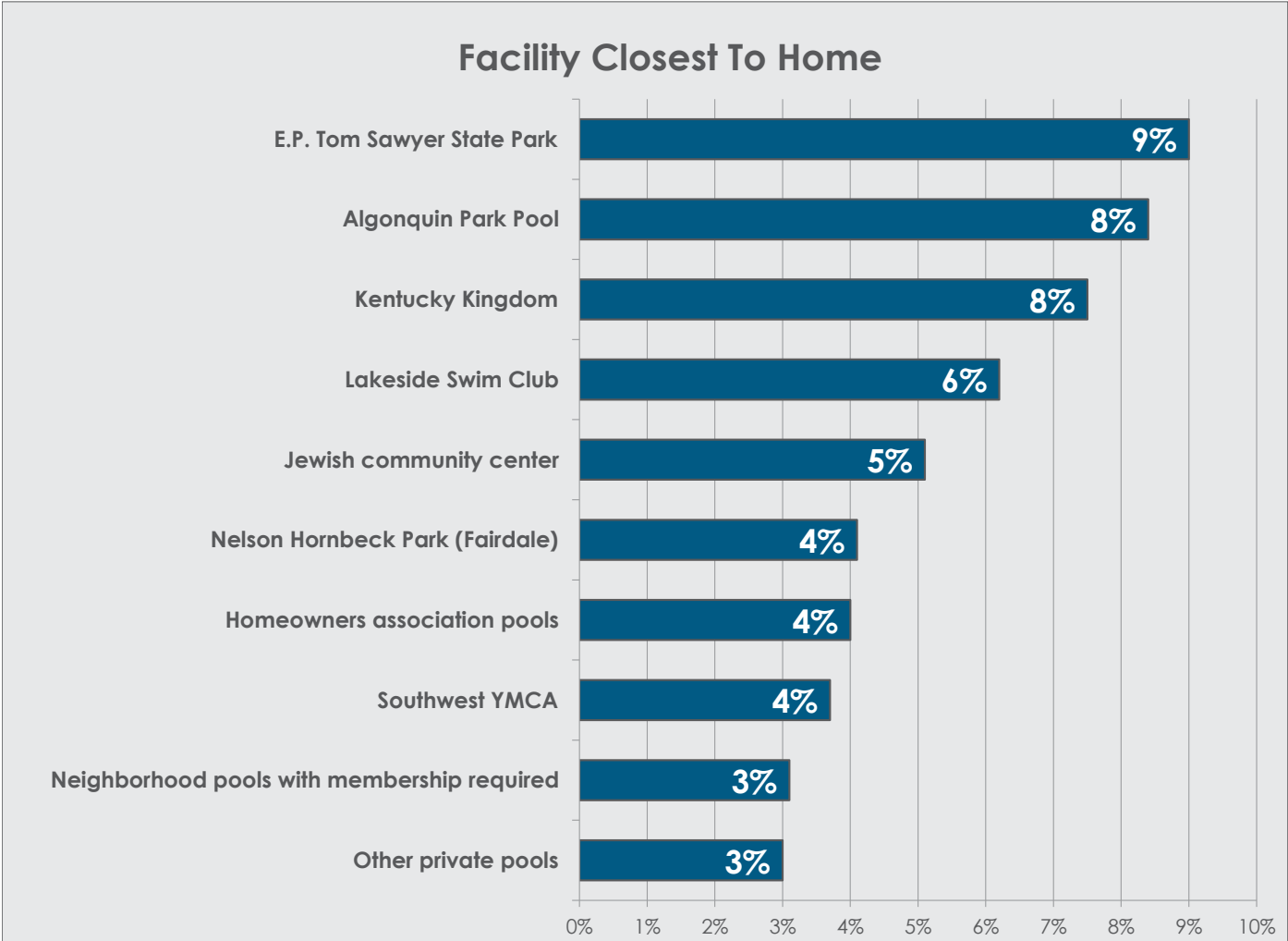
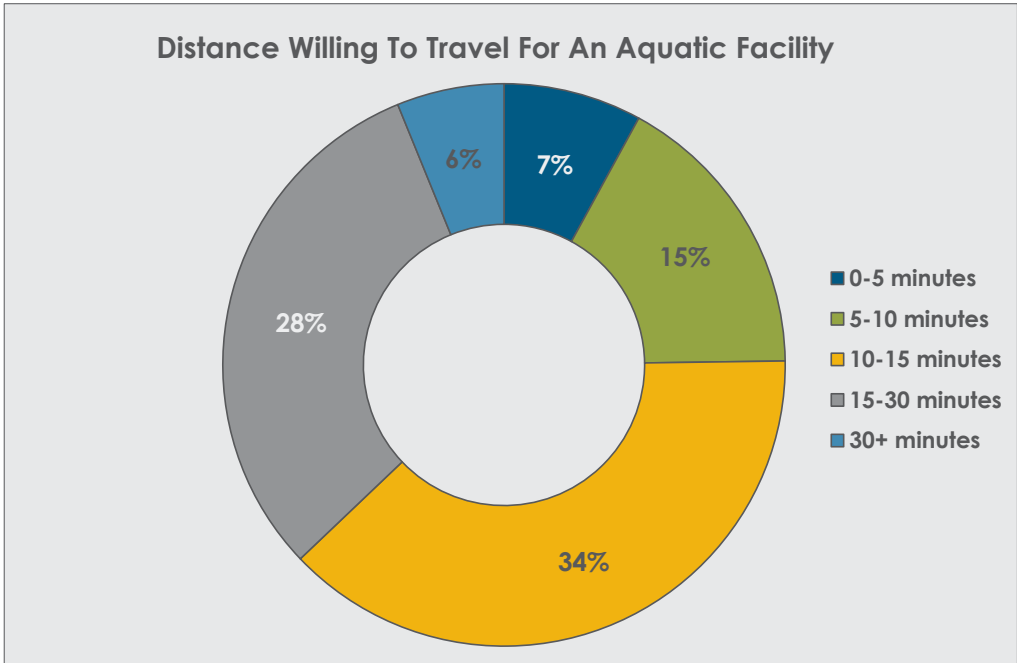


Figure 4.8: Distance Willing to Travel (Mail Survey)



4.3.6 Condition of Pools Offered by the City of Louisville

Respondent households were asked for their assessment of the condition of the pools operated by Louisville Aquatics (Figure 4.9). The largest percentage of respondents for both surveys rated the facilities they visited as good to fair. The Mail Survey respondents were more likely to rate the facilities' condition as good (43%), but only 26% of Web Survey respondents rated the facilities as good (43% rated as fair). These results indicate that households are generally satisfied with the condition of the facilities but would like to see some improvements. The Web Survey asked respondents specifically about the condition of the Mary T Meagher Indoor Pool. The majority of respondents rated the pool as either good (28%) or fair (25%).

Figure 4.9: Condition of Louisville Pools

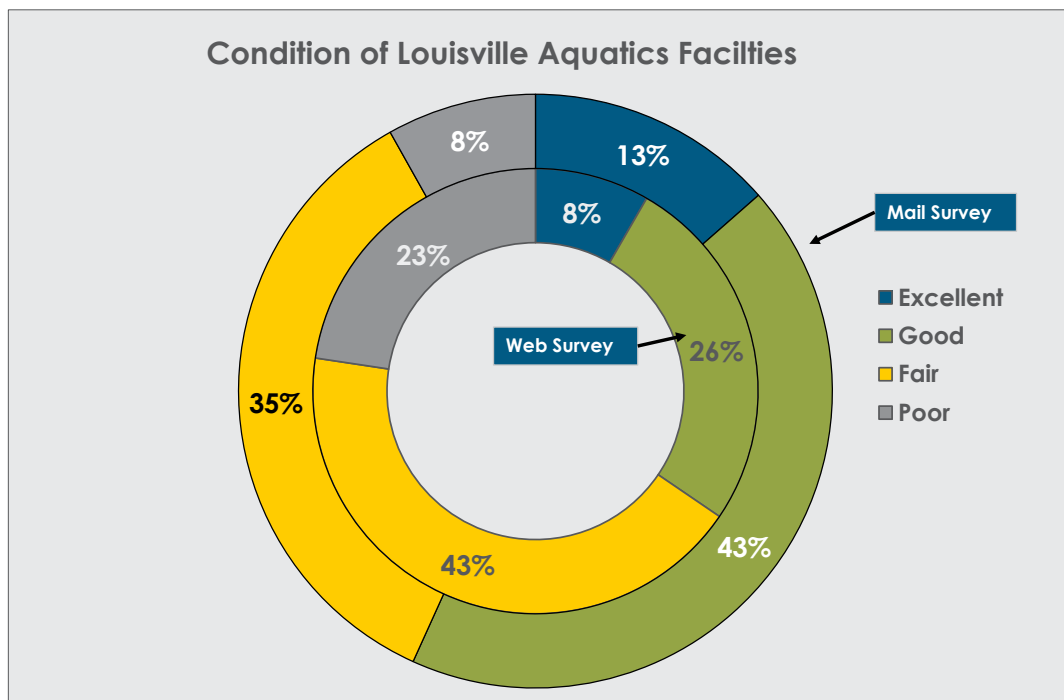
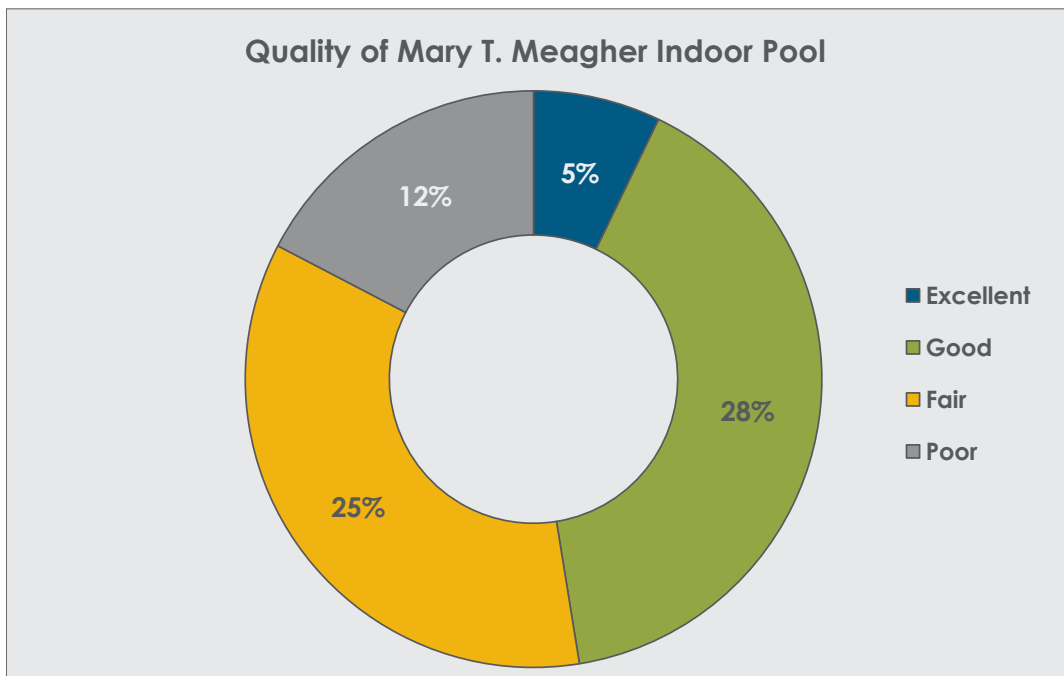


Figure 4.10: Condition of Louisville Pools (Web Survey)



4.3.7 Participation in Aquatic Programs Offered by Louisville Aquatics

Respondents were asked whether members of their households participated in aquatic programs offered by the City of Louisville over the past 12 months (Figure 4.11). According to the Mail Survey, only 5% of households participated in programs over the past 12 months, and 96% did not. According to Web Survey respondents, 23% participated. Figure 4.12 shows the top 10 programs attended over the past year.

Figure 4.11: Participation in Aquatic Programs Offered by Louisville Aquatics

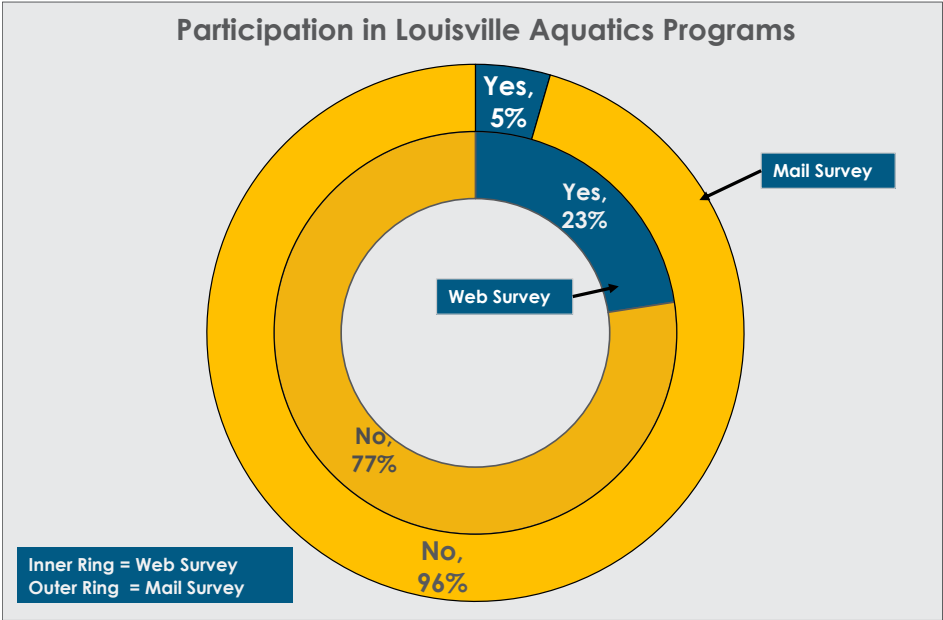
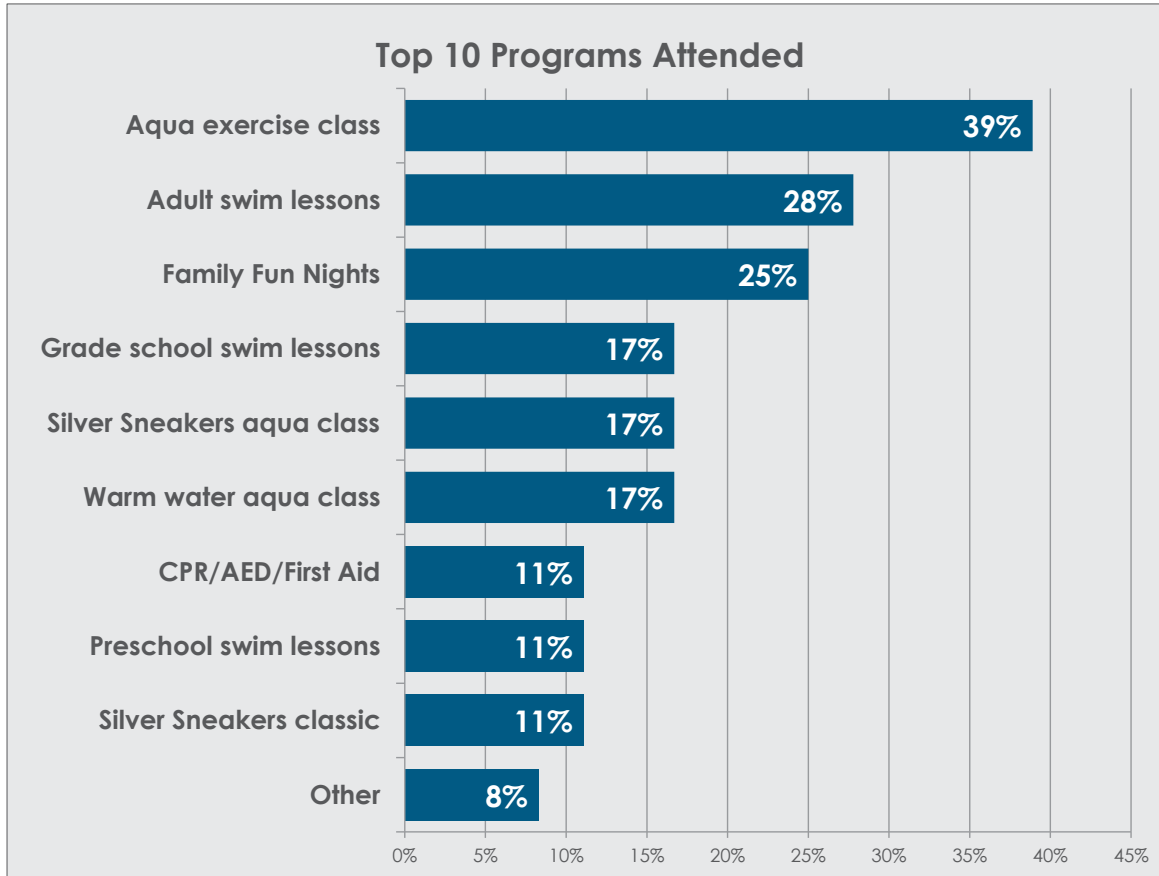


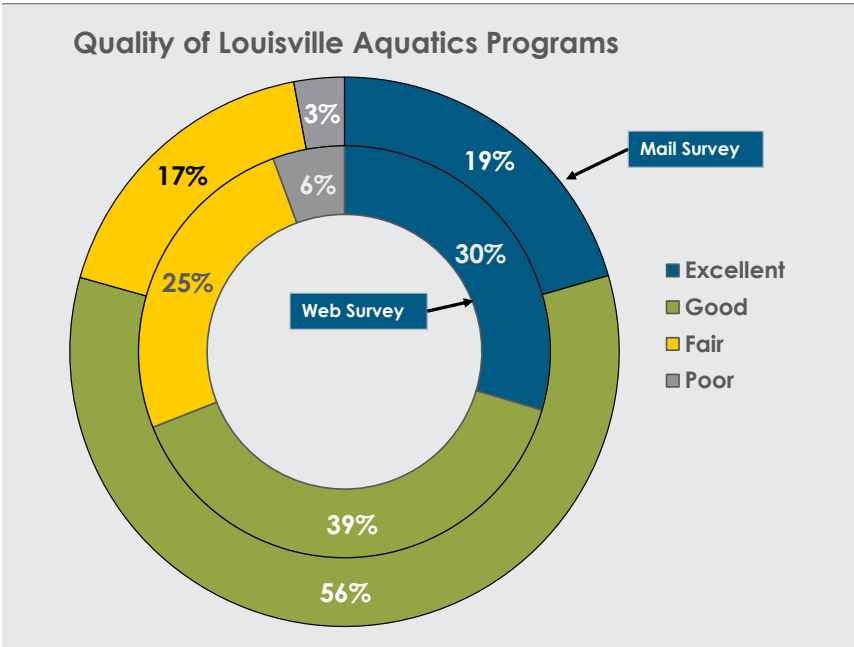
Figure 4.12: Top 10 Programs Attended



4.3.8 Quality of Aquatic Programs Offered by Louisville Aquatics

Respondents who participated in aquatic programs offered by Louisville Aquatics over the past 12 months were asked to rate the quality of those programs. Figure 4.13 shows the results for household ratings of programs in Louisville. According to the Mail Survey, 56% of households rated those programs as good. Nineteen percent (19%) rated programs as excellent, and 17% rated programs as fair. According to the Web Survey, results were still good, however. These were distributed a little differently with 39% rating as good, 30% rated as excellent, and 17% as fair. Overall, these numbers indicate that participants are generally satisfied with the quality of aquatic programs in Louisville, but more than a quarter would like to see some improvement.

Figure 4.13: Quality of Louisville Aquatic Programs



4.3.9 Program Needs

The Mail Survey asked households if they attended aquatic programs and if they had a need for any specific programs. Figure 4.14 presents the most needed aquatic programs to respondent households. The most important programs for Mail Survey households were water fitness classes, followed by youth learn to swim programs. Family fun nights, therapeutic programs, and senior aquatic programs round out the top five.

Families with children indicated a higher need for swim lessons, swim teams, aquatic events, and family fun nights while households with seniors indicated a higher need for senior aquatics, water fitness, and therapeutic recreation programs. Respondents in the north planning area indicated stronger need or adult swim lessons, water fitness and lifeguard training. Respondents in the north and west indicated a higher need for diving, first aid training, and family fun nights. Adult swim teams were more important to households in the west and east. Households in the west indicated a stronger need for youth swim teams, aquatic events, diving, and therapeutic recreation.

4.3.10 Feelings Regarding Fees at Pools Offered by Louisville Aquatics

Households were asked how they felt about the fees to use the pools offered by Louisville Aquatics. Figure 4.15 present the feelings regarding these fees. Currently, Louisville Aquatics charges \$3/day entrance fees for adults and \$2/day entrance fees for children to outdoor pools.

The largest percentage of respondents to the Mail Survey indicated that the existing fees are about right for each of the rates. The numbers in these figures indicate that residents are, in general, satisfied with the fees associated with using these facilities. Lower income respondents were more likely to respond that the fees are too high.

Respondents were asked in both surveys if they were willing to pay more for the daily user fees to receive the improvements desired in which most responded with yes (70%). A follow-up question on both the Web and Mail Surveys asked how much more they were willing to pay. Results shown in Figure 4.16 show that 46% of respondents would pay \$5 or more additional, while over two-thirds would pay \$3 more or above (71%). Households with children and with higher incomes are more supportive of higher fees.

Figure 4.14: Most Needed Aquatic Programs (Mail Survey)



Figure 4.15: Feelings Regarding Fees at Pools (Mail Survey)

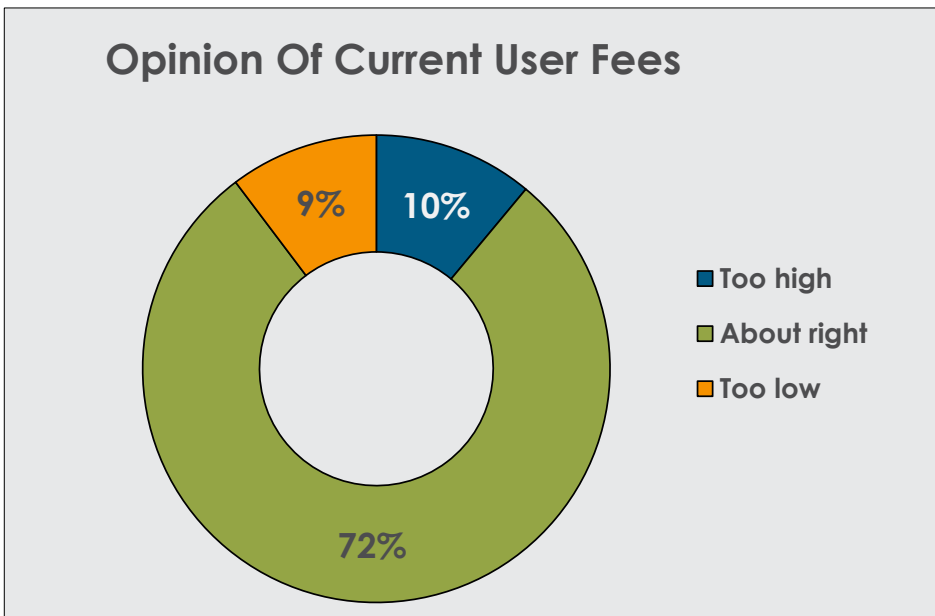
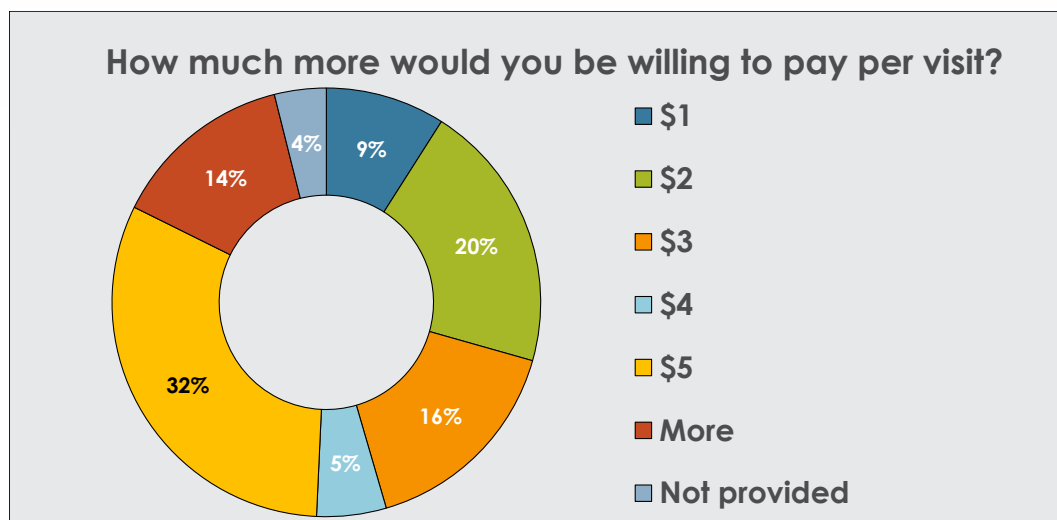


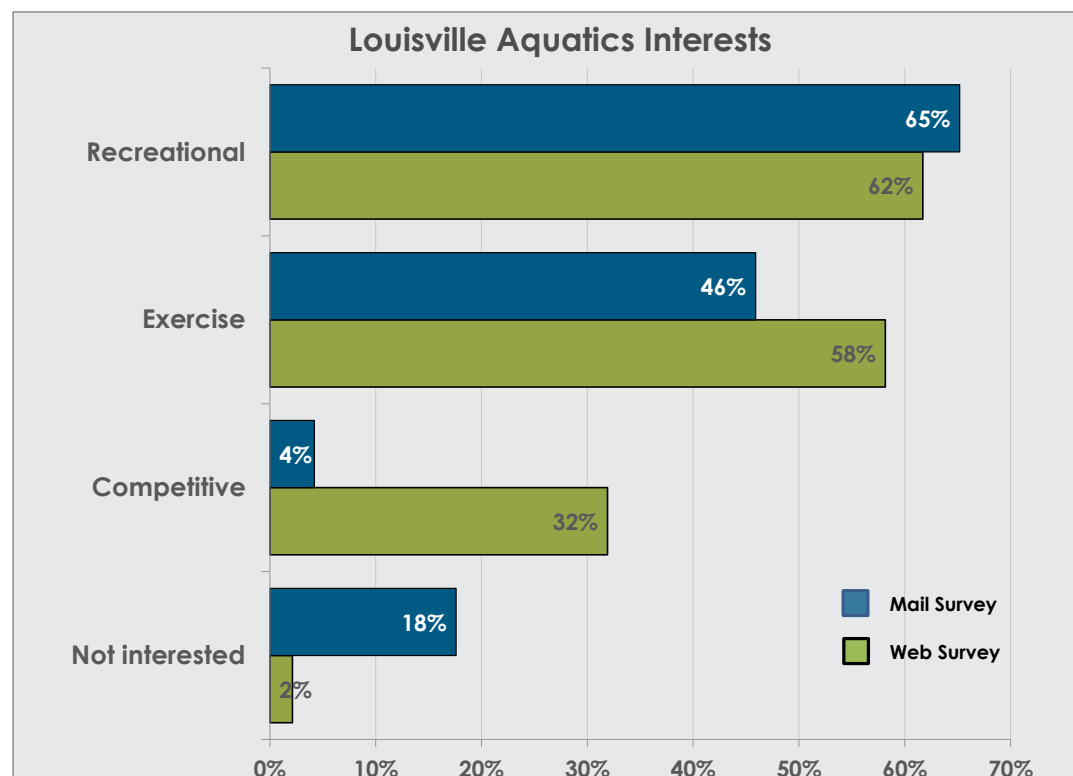
Figure 4.16: User Fee Increase (Mail & Web Survey)



4.3.11 Type of Interest in Aquatic Facilities

The surveys asked households to select the options that best represent their interest in aquatic facilities: recreational, competitive, both, or not interested. Figure 4.17 presents the results of this survey question. In both surveys, the largest percentage of respondents, by a large margin, indicate that their interest in aquatics was best described as recreational (65% Mail Survey, 62% Web Survey). The second largest percentage of respondents selected exercise, 58% of Web Survey respondents and 46% of Mail Survey respondent. In contrast to the Mail Survey, 32% of the Web Survey respondents selected competitive as their preferred interest compared to only 4%. These results indicate that most of households in Louisville are interested in recreational aquatics and aquatics for exercise.

Figure 4.17: Type of Interest in Aquatic Facilities



4.3.12 Support for Actions to Improve Aquatics

Survey respondents were presented with a series of potential actions Louisville could pursue to improve aquatics in Louisville. For each of these options, respondents selected whether they were very supportive, somewhat supportive, not supportive, or not sure. Figure 4.18 shows the combination of very and somewhat supportive for the Web Survey.

The lowest ranked item in the Web Survey (develop a current channel) received support from 56% of respondents. The two actions with the highest levels of support (very or somewhat supportive) in the Web Survey were upgrade the pools and bath houses and develop a new family aquatic center with modern amenities (both 90%), followed by add security cameras.

The top ranked action in the Mail Survey was add security cameras (84%), followed by upgrading pool houses/bath houses and providing shade (82%). The order of the actions was similar between the two surveys; however, Mail Survey respondents' choices were a bit more dispersed. Respondents to the Mail Survey ranked providing landscaping at pools as the lowest option at 64%. The actions with the highest levels of support in the Mail Survey were similar to that of the Web Survey with upgrading pool houses/bathhouses and adding security cameras in the top three in both surveys.

Households with children were more likely to indicate higher support for improving aquatic facilities. Respondents in the east planning area indicated less support for improving aquatic facilities. Support for new outdoor family aquatic centers and for an indoor aquatic center with shallow water, play features and slides was higher in the north and west planning areas and support for splash pads was higher in the north and south planning areas.

Figure 4.20 presents support for actions to improve indoor aquatics. Develop a warm water therapy pool (water aerobics, water fitness, etc.) (74%) was the top chosen action followed by develop a recreational pool (shallow water, play features, slides) at 70%.

4.3.13 Learning of Aquatic Programs

The Mail Survey asked households to identify (from a list) the ways from which they learn about aquatic programs in Louisville. The results can be seen in Figure 4.21. Respondents rated word of mouth/referred by a friend as the top way to learn about aquatic programs/activities. Social media and the Parks and Recreation Department website ranked second and third.

4.3.14 Reasons for Not Using Aquatic Facilities and Programs More Often

Respondents to the Mail and Web Survey were asked to select all barriers to their households' use of aquatic facilities and programs. Figure 4.22 shows these results sorted by the Mail Survey and only showing the top ten choices. Respondents' top reasons for not using facilities were that the facilities are too crowded, or not close enough to their homes. Results indicate a need for not only additional aquatic facilities but also, updated existing facilities.

Lower income households indicated a higher rate of lack of transportation or fees are too high as reasons for not using the pools more often. Households with children indicated a higher level for not using pools more often due to programs not offered, fees are too high, pool not close to home, pools not well maintained, safety concerns, too crowded, outdated facilities, and pools are not clean.

Figure 4.18: Support for Actions to Improve Aquatics (Web Survey)

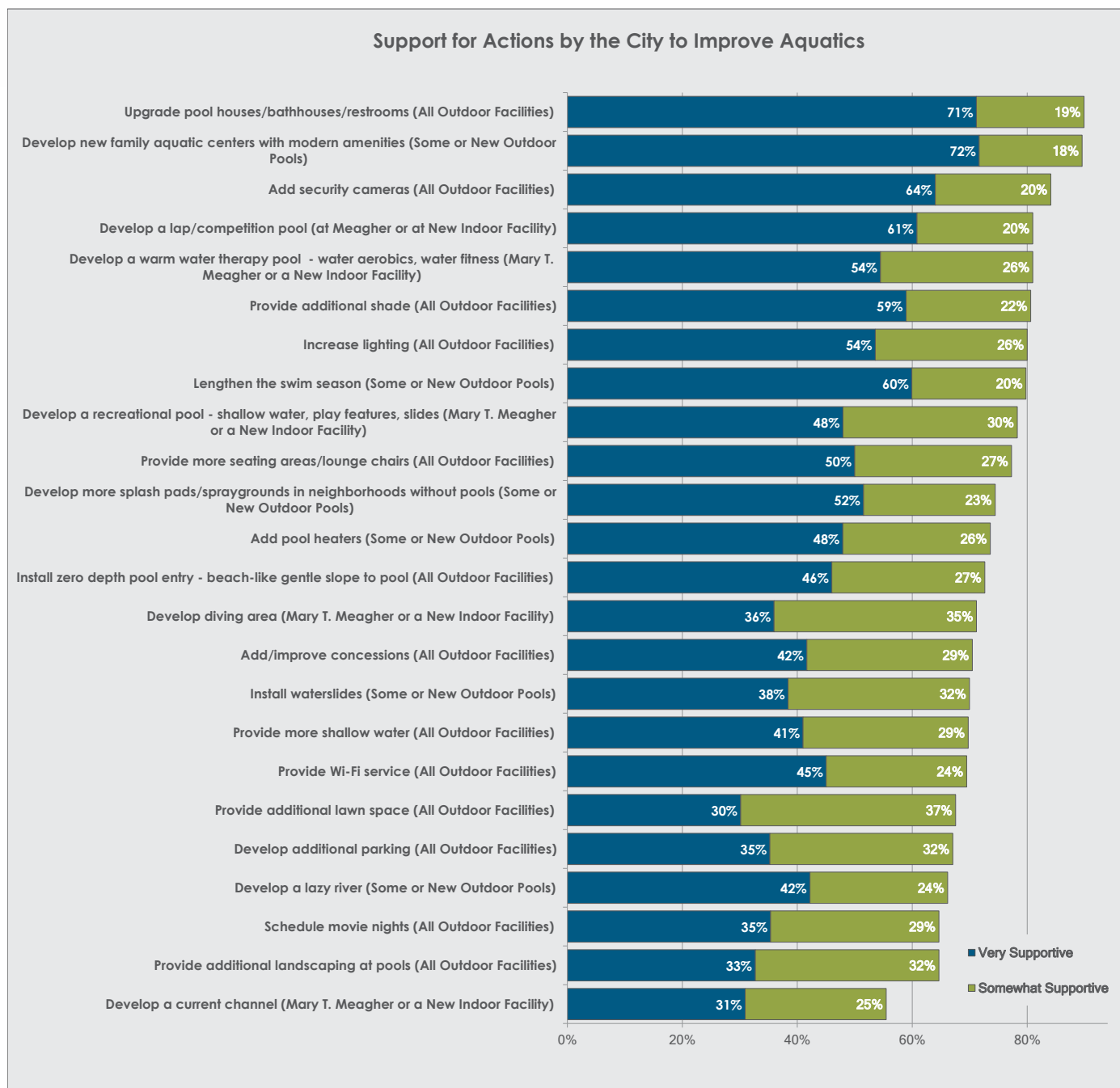


Figure 4.19: Support for Actions to Improve Aquatics (Outdoor) (Mail Survey)

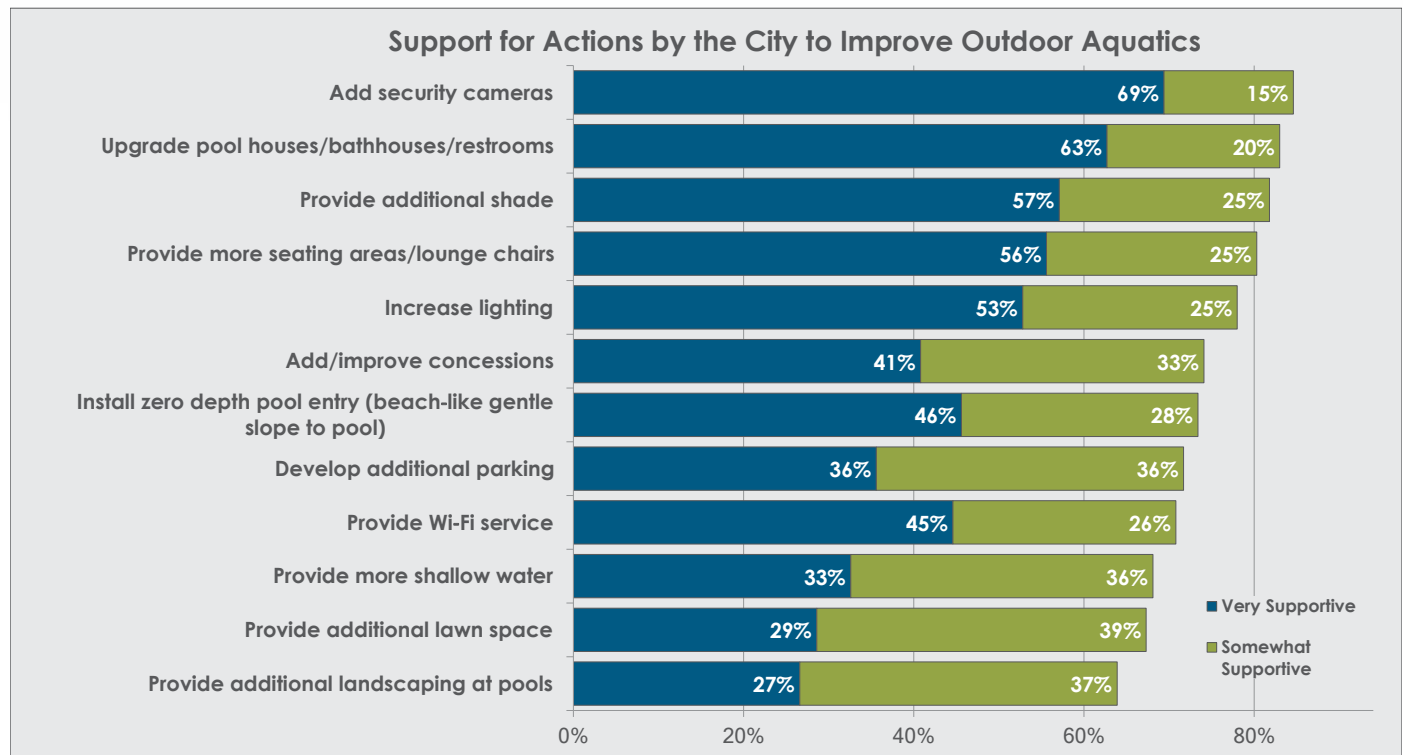


Figure 4.20: Support for Actions to Improve Aquatics (Indoor) (Mail Survey)

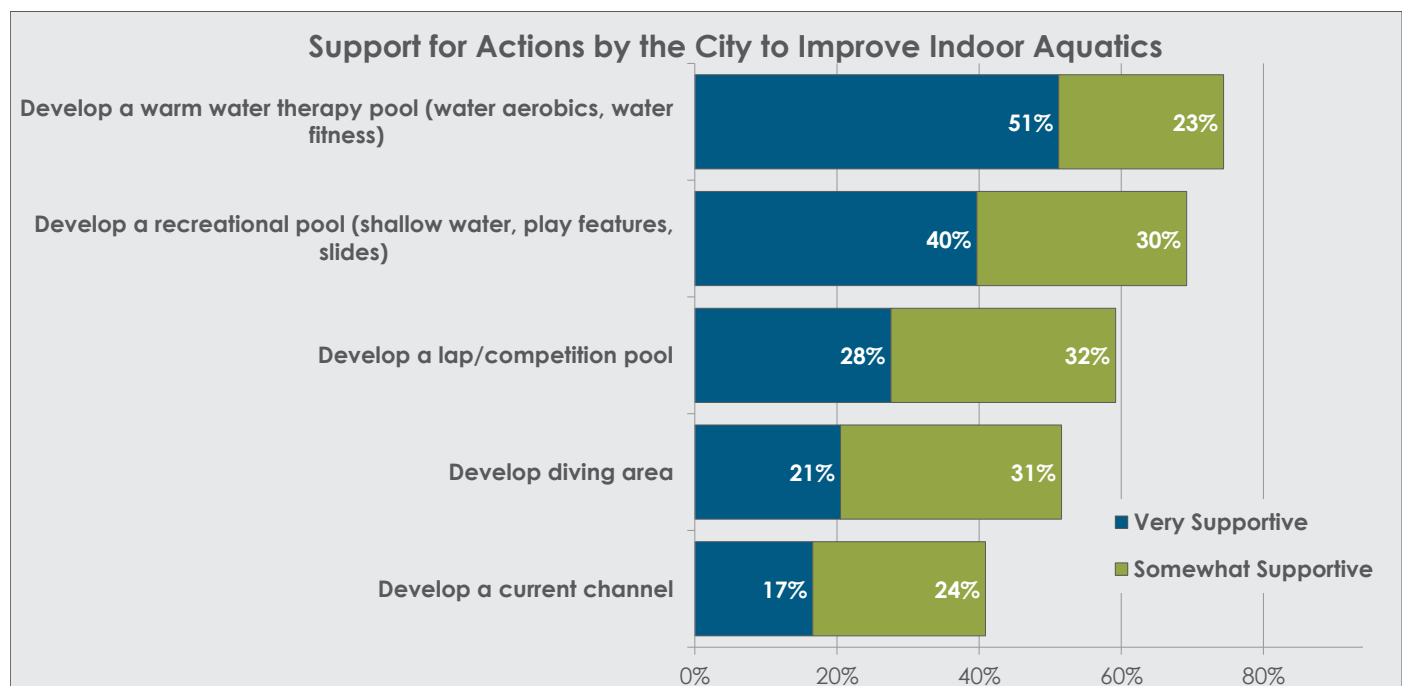


Figure 4.21: Ways Households Learn of Aquatic Programs (Mail Survey)

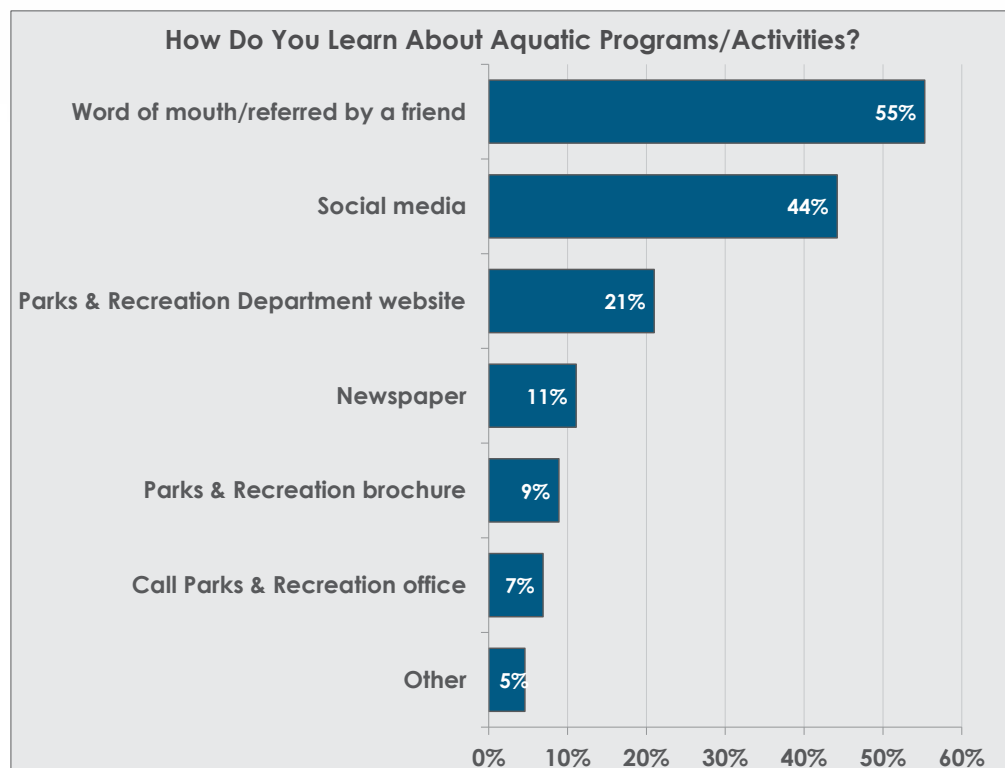
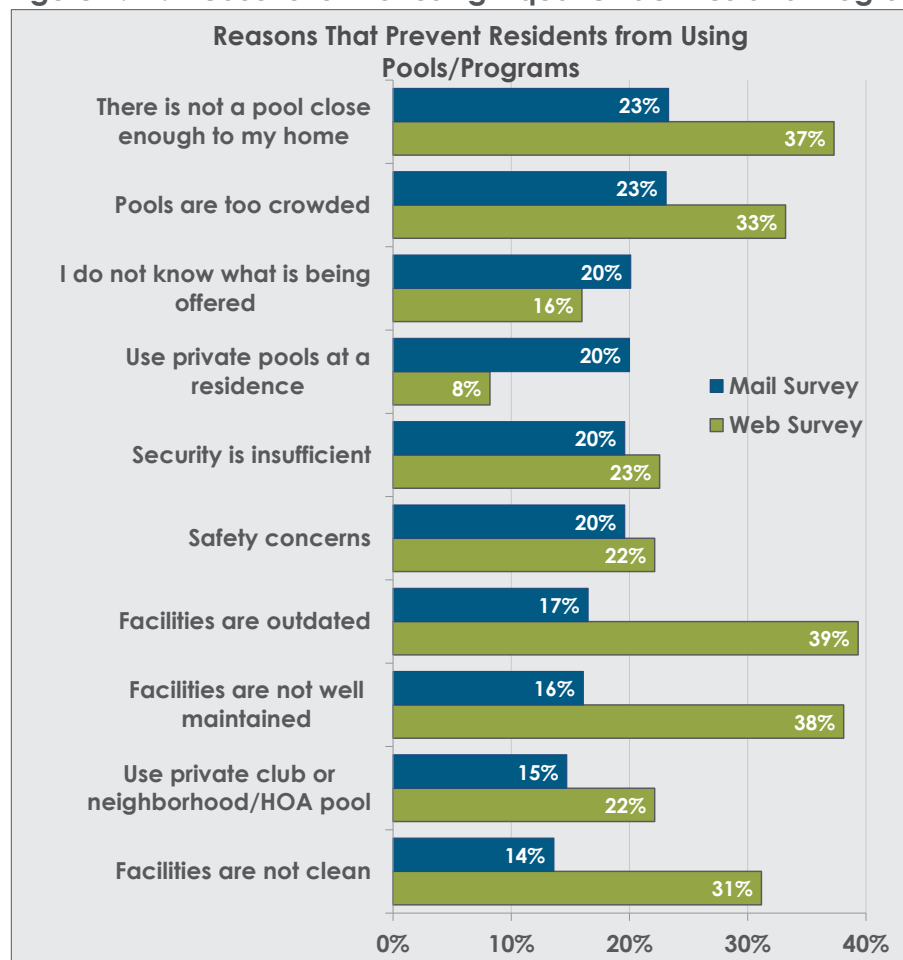


Figure 4.22: Reasons for Not Using Aquatic Facilities and Programs More Often

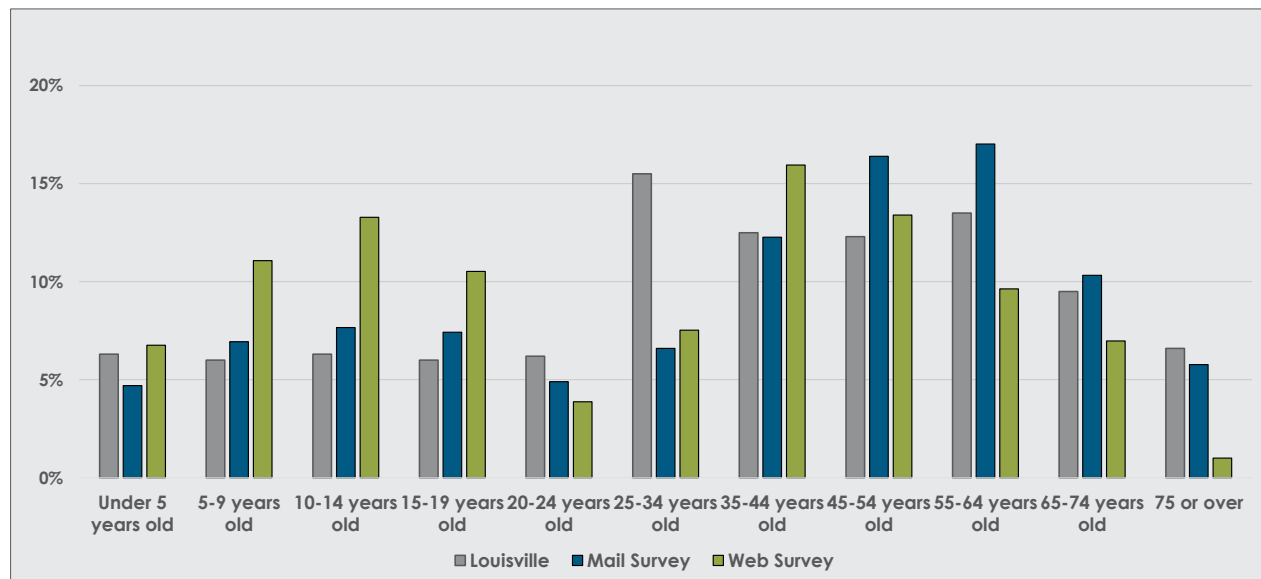


4.3.15 Survey Household Demographics

In an effort to compare the demographic representation of the survey responses with that of the population of the City of Louisville, respondents were asked for some background information about their households. The following text compares the age, household income, and race or ethnicity of respondent households to the actual representation in the City of Louisville.²

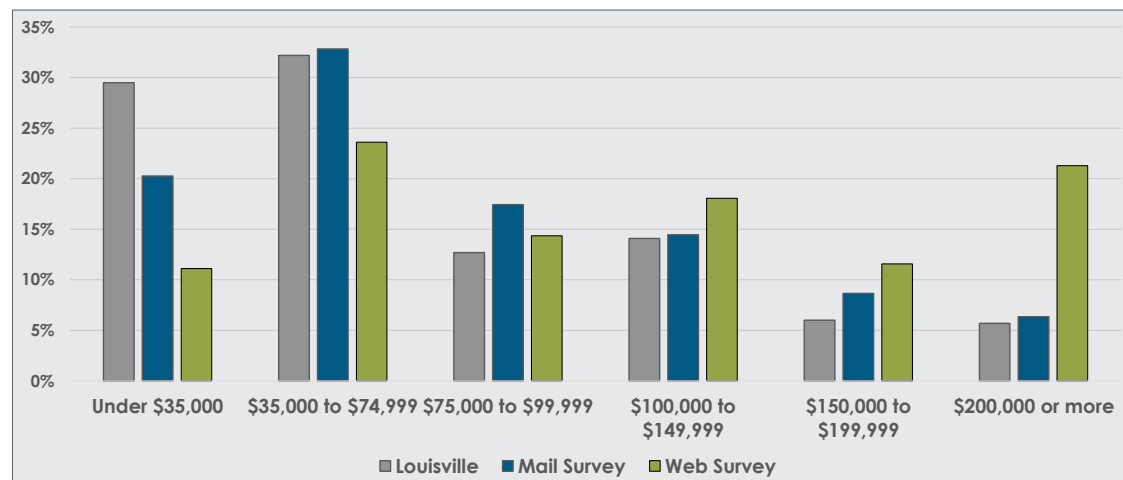
The distribution of age groups of respondent households was compared to the most recent population estimates. Figure 4.23 shows the representation by age group of survey respondent households as well as the Louisville population of each group. Based on this comparison, the respondents of the Mail Survey were fairly closely aligned with the age demographics of the Louisville population. However, residents between 25 and 34 were underrepresented and residents 45 to 64 were overrepresented in the Mail Survey. The Web Survey was also somewhat closely aligned with the age demographics but was over representative of those between 5 and 19 years old and 35 to 44 years old (their parents).

Figure 4.23: Survey Household Demographics - Age



The median household income for respondents to the surveys and the City of Louisville as a whole can be seen in Figure 4.24. These numbers indicate that the respondents to both surveys were somewhat consistent however, the under \$35,000 and \$35,000 to \$74,999 were underrepresented in both surveys. The \$150,000 to \$200,000 or more groups were overrepresented, especially in the Web Survey.

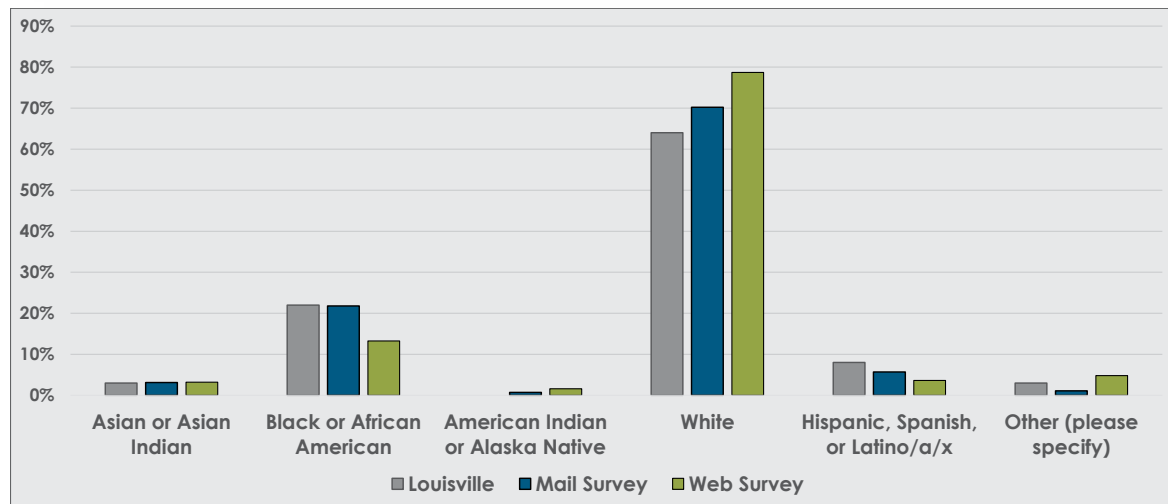
Figure 4.24: Survey Household Demographics - Income



² 2020 ACS 5-Year Estimates Subject Tables

Race and Hispanic origin of respondents to the surveys and the City of Louisville as a whole can be seen in Figure 4.25. The results show that both surveys gathered information from households that were similar to Louisville as a whole. White populations were overrepresented especially in the Web Survey, while Black or African American populations were underrepresented in the Web Survey but fairly represented in the statistically valid Mail Survey.

Figure 4.25: Survey Household Demographics - Race or Ethnicity



4.4 CONCLUSION

The public input process as a whole provided an abundance of information about the aquatic needs and desires of Louisville residents. Although data was gathered through a variety of methods, some trends were apparent throughout the process.

Results indicate that the community desires:

- More and improved features and are willing to pay higher fees for them
- New outdoor family aquatic centers
- More splash pads/spray grounds in neighborhoods without pools
- A lazy river
- Waterslides
- An indoor pool
- Family activity pool
- Warm water pool
- Additional lap lanes (indoor & outdoor)
- Upgraded restrooms and pool houses
- More shade
- Improved security
- More aquatic programs
- Learn to Swim – child and adult
- Family fun nights
- Aquatic sports
- Scuba diving
- Water fitness
- Senior programs
- Therapeutic programs



RECOMMENDATIONS

The assessment summaries from the four outdoor pools and the Mary T. Meagher Aquatic Center are included in Appendix B. Each of the outdoor pools is well beyond their expected life, with some being nearly 70 years old. In that period, technology and the public's expectations have changed considerably. When these pools were developed, rectangle and "L" shaped pools with small wading pools and diving wells were the norm. These pools were great for experienced swimmers and swim lessons but are not meeting the needs of children between the ages of two and ten. Accessibility was not a consideration when the pools were constructed. Today, people expect pools that appeal to the entire family and are easily accessible to all.

Norton Pool has been closed for the last four years. All of the pools have required extensive repairs to keep them open, and many have severe leaks. The diving boards have been taken away for risk management. Louisville Parks and Recreation estimates it will take at least \$6 million to fix what is broken and just keep them operational. Even then, they will still be outdated and not appealing to residents.

The Mary T. Meagher Aquatic Center was originally built in 1954 as an outdoor pool. The roof, a therapy pool, weight training room, and locker rooms were added later. This is the only public indoor pool in Louisville, but the facility is wrought with problems, such as not being conducive to spectators, air handling, and confusing circulation.

5.1 OUTDOOR POOLS

It is recommended that all four outdoor pools and the pool houses be completely redeveloped to modern standards and codes. The Sun Valley restrooms have recently been renovated, but the public entrance, offices, and lifeguard rooms need to be reconfigured.

Additionally, the filtration systems on all of the outdoor pools have had maintenance projects performed in the last few years. Complete replacement would reduce maintenance and improve water quality. Resizing of the systems would be required as uses change.

The pools should be remodeled or replaced with modern family oriented aquatic centers with zero depth entry, shallow water play areas, waterslides, and the pool houses replaced with modern buildings that meet today's standards and expectations.

5.1.1 Algonquin Pool

Pool House – Replace at a cost of \$1.5 million.

Pool – Reconfigure as a modern family aquatic center and keeping the 50-meter lap lane length. Total cost of \$5.5 million.

Total replacement cost: \$7 million

Figure 5.1 illustrates a concept plan for Algonquin Pool showing configuration that keeps some 50-meter lanes in one direction and 25-meters in the other but also adds some shallow water, zero-depth entry, shade, climbing walls, taller slides, and more.

Figure 5.1: Algonquin Pool Concept



5.1.2 Fairdale Pool

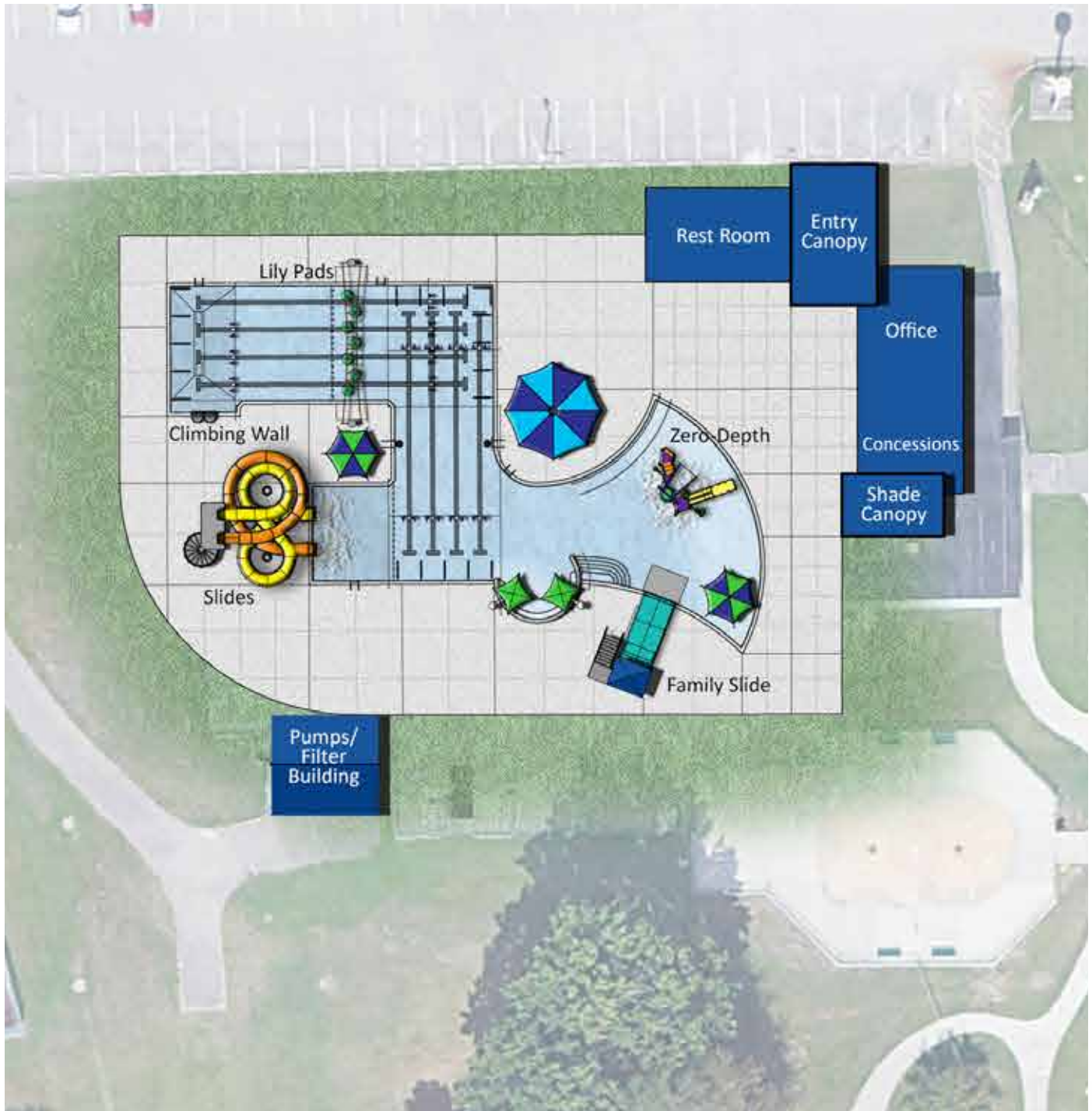
Pool House – Replace at a cost of \$1 million.

Pool – Replace at a cost of \$2.5 million or recondition in the current configuration at a cost of \$750,000. BCI recommends total replacement.

Total replacement cost: \$3.5 million

Figure 5.2 provides a concept for Fairdale Pool that includes a new pool house with concessions, zero depth entry, tall slides, family slide, shade, lap lanes, and a lily pad bridge.

Figure 5.2: Fairdale Pool Concept



5.1.3 Norton Pool

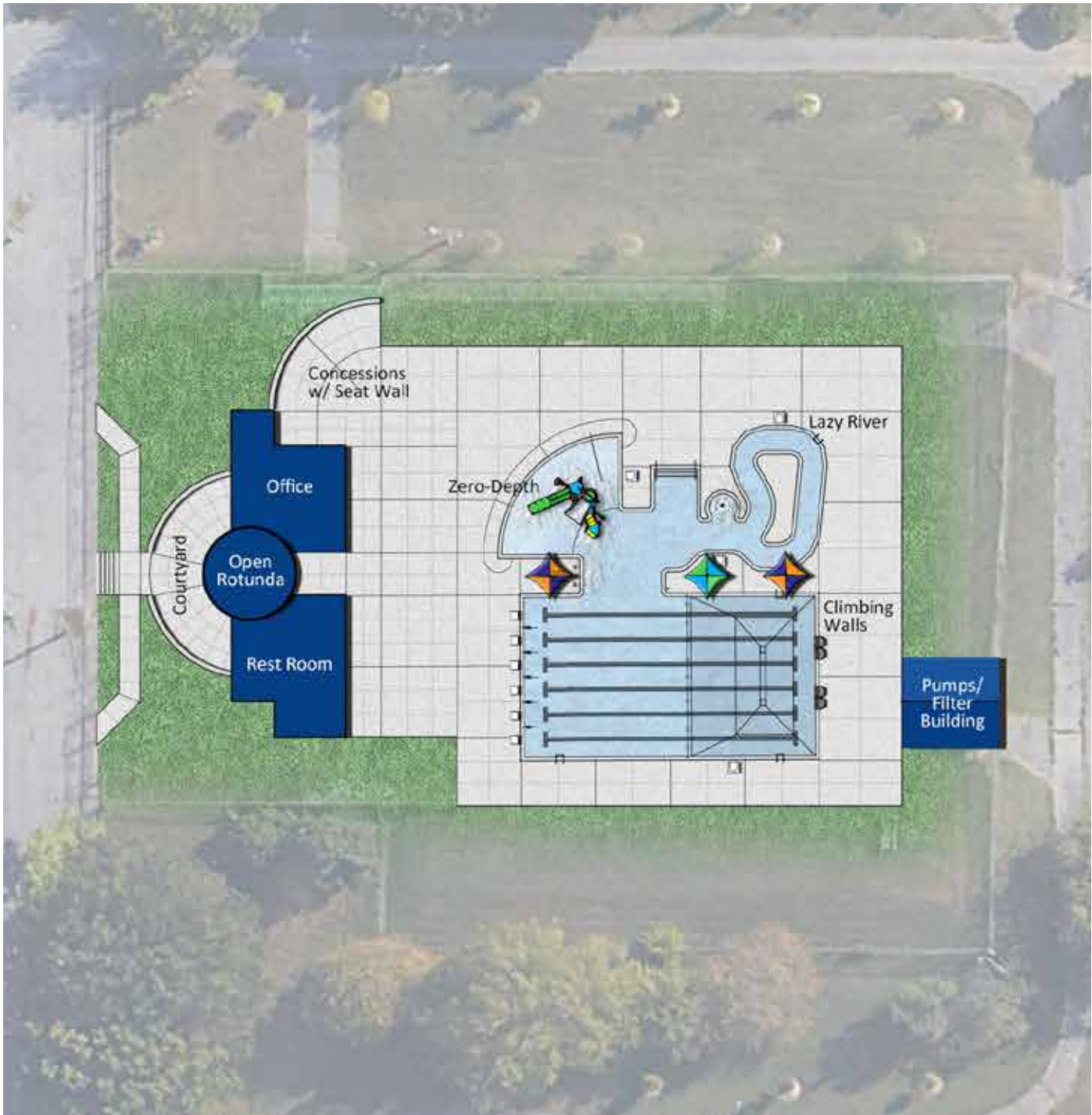
Pool House – Replace at a cost of \$1 million.

Pool – Replace at a cost of \$2.5 million or recondition in the current configuration at a cost of \$750,000. BCI recommends total replacement.

Total replacement cost: \$3.5 million

Figure 5.3 illustrates a concept for Norton Pool which includes a new pool house, zero depth entry, vortex, small lazy river, climbing walls, and lap lanes.

Figure 5.3: Norton Pool Concept



5.1.4 Sun Valley Pool

Pool House – Restrooms have been renovated. Need to substantially renovate the rest of the building including the guard room and ticket office. The entry should be relocated to allow families to enter together rather than split up and enter through the locker rooms. Pool house cost: \$500,000.

Pool – Replace the pool with a modern family aquatic center. Pool cost: \$2.5 million.

Total replacement cost: \$3 million

Figure 5.4 is a concept for Sun Valley Pool which includes 6 lap lanes, zero depth entry, waterslide, shallow water play elements, and shade. Portions of the existing pool house could be reused, and a separate filter building provided.

Figure 5.4: Sun Valley Pool Concept



5.1.5 New Pools

Realizing that the city has limited funds for the development and operations of aquatic facilities, the analyses should be used to strategically determine facility locations where they will meet the most needs. Therefore, the following new facilities are recommended:

1. Develop a new family aquatic center in the area currently in a service gap in the south-central area (West of Dixie Highway, east of Cane Run Rd. and between I-264 on the north and Pleasure Ridge Park on the south). Total cost: \$6 million.
2. Develop a new family aquatic center in the Fern Creek area at a cost of \$6 million. A site toward Fern Creek could also be considered to allow the service area to reach further east.
3. Consider additional aquatic facilities in the future in the eastern portion of Louisville (east of I265) as the area becomes further developed and the population density increases.

5.2 INDOOR POOL

5.2.1 Mary T. Meagher Aquatic Center

The Mary T. Meagher Aquatic Center has served Louisville and the surrounding area for many years. The pool was originally constructed as an outdoor 50-meter pool in 1954, and then a bubble was added. The permanent roof and ancillary rooms were added later. Now is the time to make a major upgrade to address the deficiencies in the facility and the user experience. If the city desires to continue providing indoor aquatics services, it makes the most sense to upgrade this facility in its current location rather than relocate it to another part of the community and develop a completely new facility. The basic pool is in good condition, but the surrounding facility needs the most work. Therefore, the Consultants recommend the following:

1. Expand the facility to the south (toward Reservoir Ave.) with an elevated spectator seating area at the upper level and the main entry, restrooms, locker rooms, and weight room located on the first-floor level under the spectator area. This will require raising of the roof on the south half of the structure. The current facilities could remain in place while this work is being constructed and keeping the facility in operation much of the time.
2. Include restrooms and concessions for spectators at the upper level. An elevator will be required.
3. Remove the solar water heater as it has not worked and the roof may be raised for the spectator viewing.
4. Improve drainage on the north side of the building with removal of the facilities on that side and some remediation.
5. Relocate the playground and splash pad to make room for the expansion.
6. Relocate and expand the warm water therapy pool.

It is very roughly estimated to be a \$10 million project but further programming and design is needed to further explore the options.

5.3 PROGRAMMING RECOMMENDATIONS

Section 3.5 provided a summary of the programs offered at Louisville Aquatic facilities. The list of programs offered that was provided by the Louisville Parks and Recreation Aquatic Staff also indicated goals to increase swim lessons, lifeguard training, and staff training.

Chapter 4 described the findings of the various methods of public engagement, and according to these findings, several program needs are currently unmet. The survey results indicate some specific programs that are both currently met to a limited degree and have a large number of households reporting an unmet need. Additionally, due to the location of the existing aquatic facilities, some Louisville residents have to travel substantial distances (more than a 10-minute drive) for aquatic programming.

Figure 5.5: Mary T. Meagher Aquatic Center Level 1

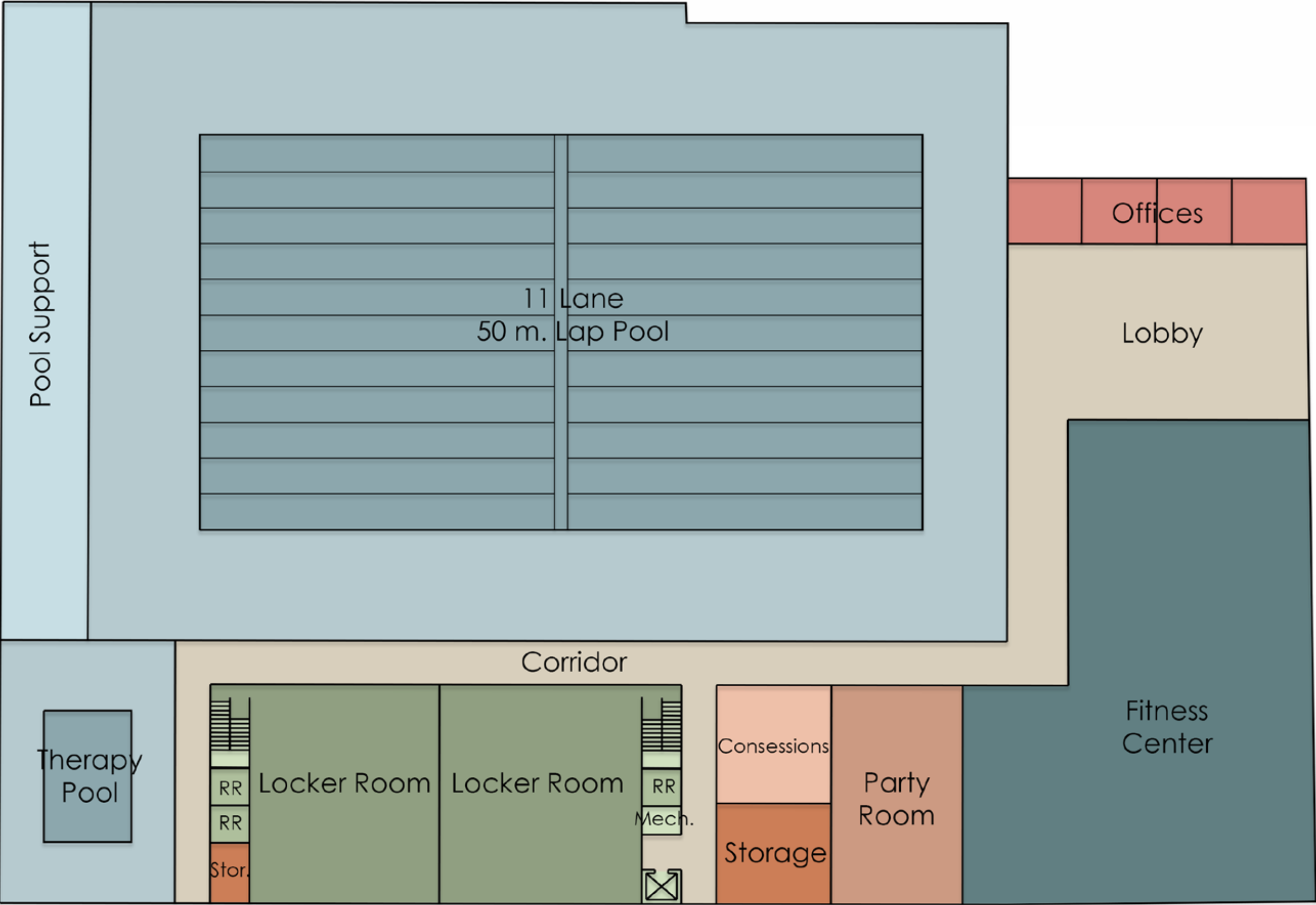
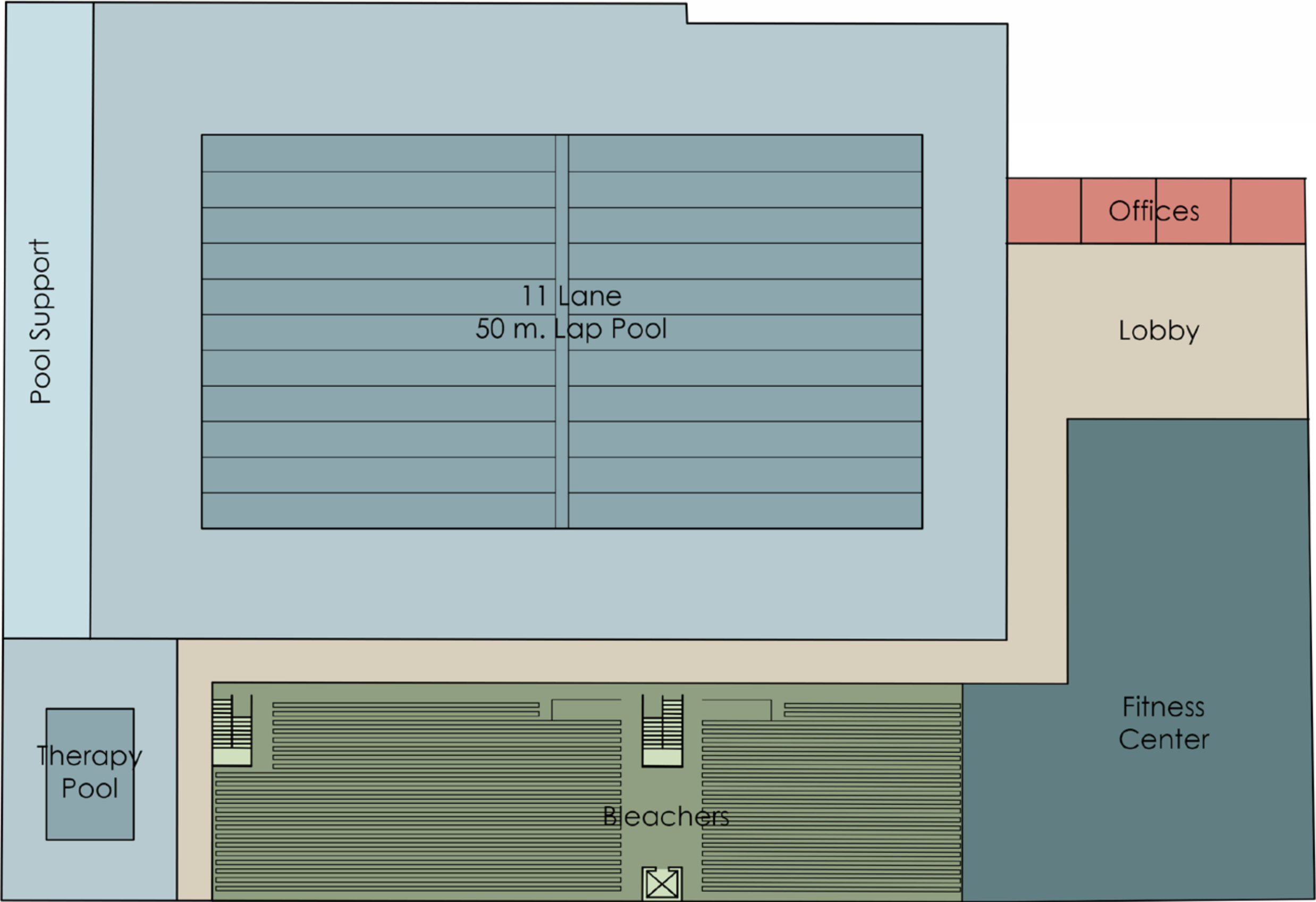


Figure 5.6: Mary T. Meagher Aquatic Center Level 2



The mail surveys indicated that the vast majority of visitors to aquatic facilities are recreational swimmers (65%), with another 46% for exercise, 4% competitive, and 18% were not interested in swimming. The web survey indicated a much higher percentage interested in competitive swimming, which was likely due to the survey being promoted by current swim team members and families. The programs with the highest level of unmet needs, according to the surveys, include:

- Water fitness classes
- Family fun nights
- Therapeutic programs
- Youth learn-to-swim programs
- Senior aquatic programs
- Adult learn-to-swim programs

The location with the most programs and variety of program types is the Mary T. Meagher Aquatic Center, mainly because it is an indoor-year-round facility. Swim lessons are provided at the three remaining outdoor pools also.

Implementation of the recommendations for improved and new facilities in this plan will provide opportunities for the increase in programming desired by residents. Currently the outdoor pools lack much for a child under the age of eight to ten years old to do. The addition of shallow water, slides, zero depth entry, lazy rivers, and other features will attract more users and provide fun opportunities for children of all ages. These new and improved facilities will likely attract more participants to programs held at all pools, not just the indoor pool at Mary T. Meagher.

Once the pools are replaced with the new family-friendly designs, Louisville Parks and Recreation should implement additional programming at the outdoor facilities as well as in the Mary T. Meagher Aquatic Center. The outdoor facilities should offer water fitness, senior aquatic programs, and family fun nights in addition to both adult and youth learn-to-swim programs. The Mary T. Meagher Aquatic Center should continue to provide the widest variety of programs due to its year-round use, central location, and the warm water pool which provide more opportunities for therapeutic programs. With the new designs, all of the pools could provide offerings for persons with special needs.

These new facilities and programs will need a robust marketing campaign to inform residents of the new facilities and programs to guarantee their success.

It is also recommended to consistently monitor residents' use, needs, and desires for various programs and to monitor the attendance of offered programs to gauge the interest and cost effectiveness of programs.

One ultimate goal is to result in more residents comfortable and safe around water, especially in a river city. The addition of new pools and updated facilities will provide the opportunity to work toward that goal for many years.



**LOUISVILLE
PARKS
AND RECREATION**

2022 POOLS & AQUATICS SURVEY

Findings Report

Prepared By
ETC INSTITUTE
OLATHE, KS

Presented To The
LOUISVILLE PARKS &
RECREATION DEPARTMENT
OF LOUISVILLE, KY

JUNE 2022



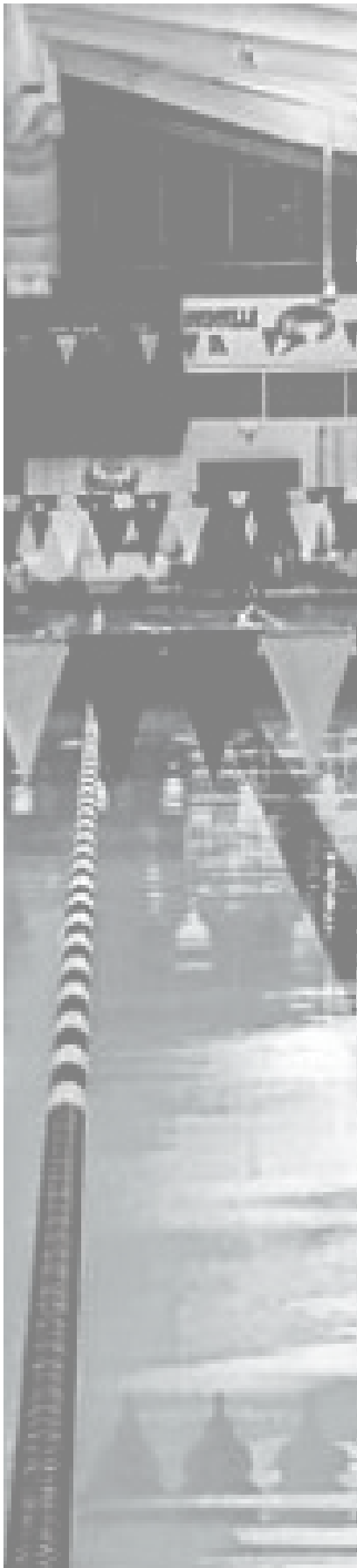


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01

Executive Summary

Louisville Parks & Recreation Pools & Aquatic Survey

Purpose

ETC Institute administered an aquatic program and pool facility needs assessment for Louisville Parks and Recreation. The survey is a part of Louisville Metro's efforts to establish and prioritize improvements to the aquatics and pools available to Louisville residents. The survey and its results will guide Louisville Parks and Recreation in taking a resident-driven approach to making decisions that will enrich the future of the community and positively affect the lives of all residents.

Methodology

ETC Institute mailed a survey packet to a random sample of households in Louisville Metro (Kentucky). Each survey packet contained a cover letter, a copy of the survey, and a postage-paid return envelope. Residents who received the survey were given the option of returning the survey by mail or completing it online at LouisvillePoolSurvey.org.

After households received the mailed survey, ETC Institute sent emails and text messages to encourage participation. The emails and texts contained a link to the online version of the survey to make it easy for residents to complete. To prevent people who were not residents from participating, everyone who completed the survey online was required to enter their home address prior to submitting the survey. ETC Institute then matched the addresses that were entered online with the addresses that were originally selected for the random sample. If the address from a survey completed online did not match one of the addresses selected for the sample, the online survey was not counted.

The goal was to obtain a total of 800 completed surveys and the goal was met with a total of 802 households completing the survey. The overall results for the sample of 802 households has a precision of at least $\pm 3.5\%$ at the 95% level of confidence.

This report contains the following:

- Charts showing the overall results of the survey
- Priority Investment Rating (PIR) that identifies the priorities for recreation programs
- Tabular data showing the overall results for all questions on the survey
- A copy of the survey instrument

Key survey findings are shown on the following pages.

Recreation Programs Needs in Louisville Metro

Households were asked to identify if they had a need for 20 recreation programs and rate how well their needs for each were currently being met. Based on this analysis, ETC Institute was able to estimate the number of households in the Louisville Metro service area that had the greatest “unmet” need for various recreation programs. The four programs with the highest percentage of households whose needs are currently not being met (0%), somewhat met (25%), or partly met (50%) are listed below.

- Water fitness classes – 79,341 households (31.5%)
- Family Fun Nights – 60,190 households (23.9%)
- Therapeutic programs – 53,733 households (21.3%)
- Youth Learn to Swim programs – 52,941 households (21.0%)

The estimated number of households that have unmet needs for each of the 20 programs are shown in the graph below.

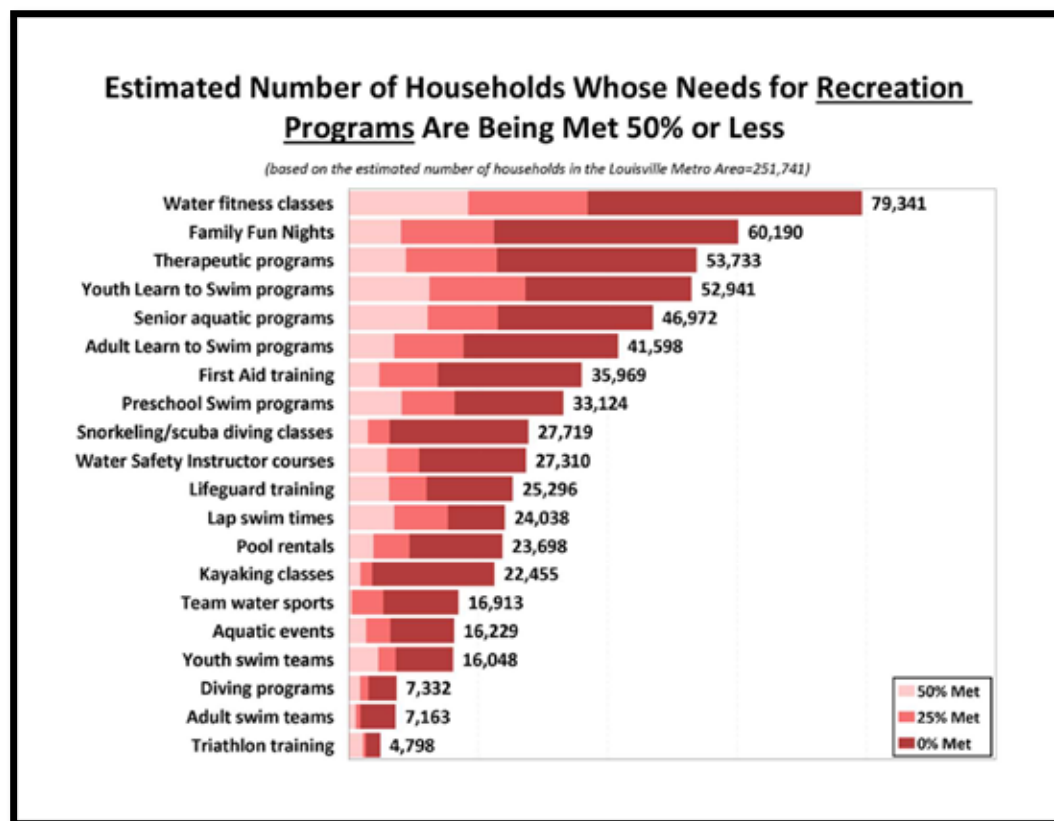


Figure 1: Estimated Number of Households in the Louisville Metro Area with Unmet Recreation Program Needs

Importance of Recreation Programs in Louisville Metro

In addition to assessing the needs for each program, ETC Institute also evaluated the importance that households placed on each one. Based on the sum of households' top three choices, the two most important Parks and Recreation programs to households are listed below.

- Water fitness classes (28.4%)
- Youth Learn to Swim programs (28.0%)

The percentage of households that selected each program as one of their top three choices is shown in the graph below.

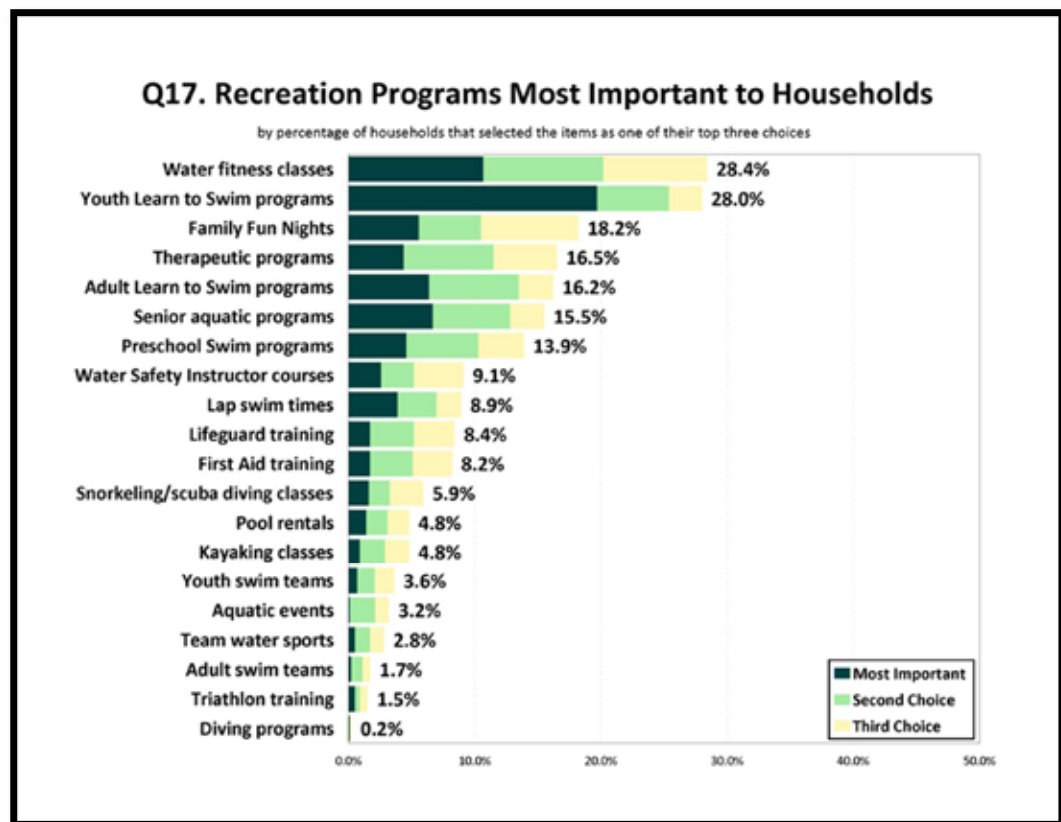


Figure 2: Level of Importance of Recreation Programs to Households in the Louisville Metro Area

Priorities for Recreation Program Investments in the Louisville Metro Area

The Priority Investment Rating (PIR) was developed by ETC Institute to provide organizations with an objective tool for evaluating the priority that should be placed on Parks and Recreation investments. The Priority Investment Rating (PIR) equally weighs:

- the importance that households place on each program
- how many households have unmet needs for the program

Details regarding the methodology for this analysis are provided in Section 3 of this report. Based on the Priority Investment Rating (PIR), the six programs that were rated as high priorities for investment are listed in the table to the right (Table 1).

The Priority Investment Ratings for each recreation program is shown in the graph below.

Program	Priority Investment Rating (PIR)
Water fitness classes	200.0
Youth Learn to Swim programs	165.3
Family Fun Nights	139.9
Therapeutic programs	125.8
Senior aquatic programs	113.8
Adult Learn to Swim programs	109.5

Table 1: Programs Considered High Priorities of Investment Based on Priority Investment Rating (PIR)

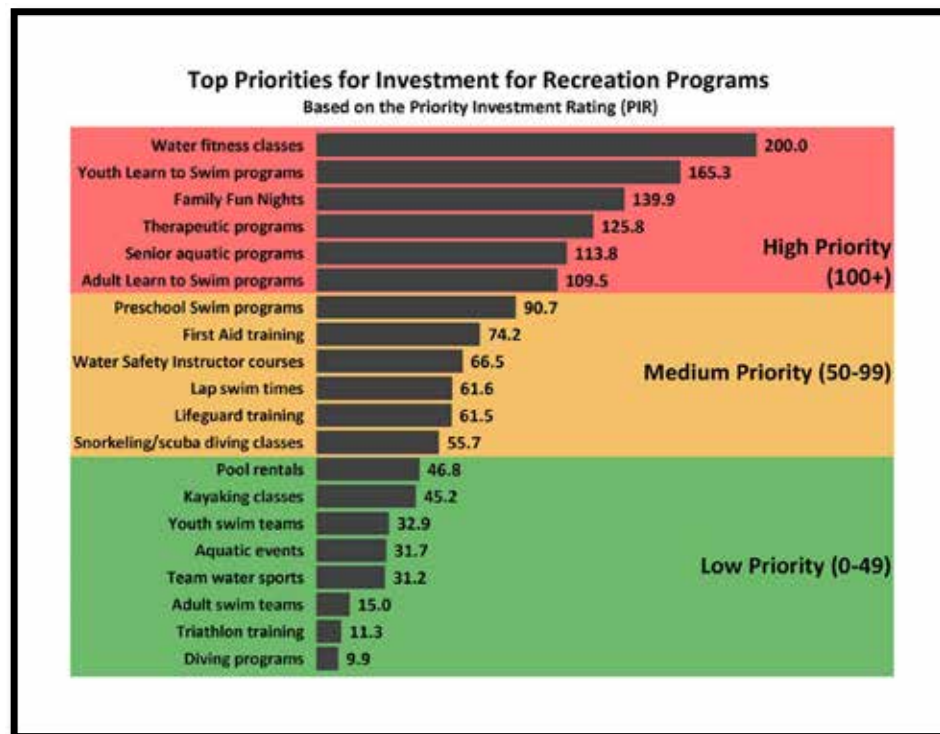


Figure 3: Priority Investment Rating for Recreation Programs in the Louisville Metro Area

Additional Survey Findings

In the past two years, at least one out of five households have visited E.P. Tom Sawyer State Park (23.5%), other private pools (29.4%), and Kentucky Kingdom (35.4%). Households were least likely to visit Mount Washington Public Pool (2.1%), Juniper Hill Family Aquatic Center of Frankfort (0.8%), and South Harrison Park Pool of Laconia, Indiana (0.4%). Twenty percent (20.2%) of households indicated that they visited Kentucky Kingdom the most in the last two years.

An interesting finding is that 4.2% of households indicated that other private pools are closest to their home and 14.8% of households indicated that, in the last two years, they had visited these facilities most often. *[Other private pools were one of the top three facilities visited “most often” in the last two years.]*

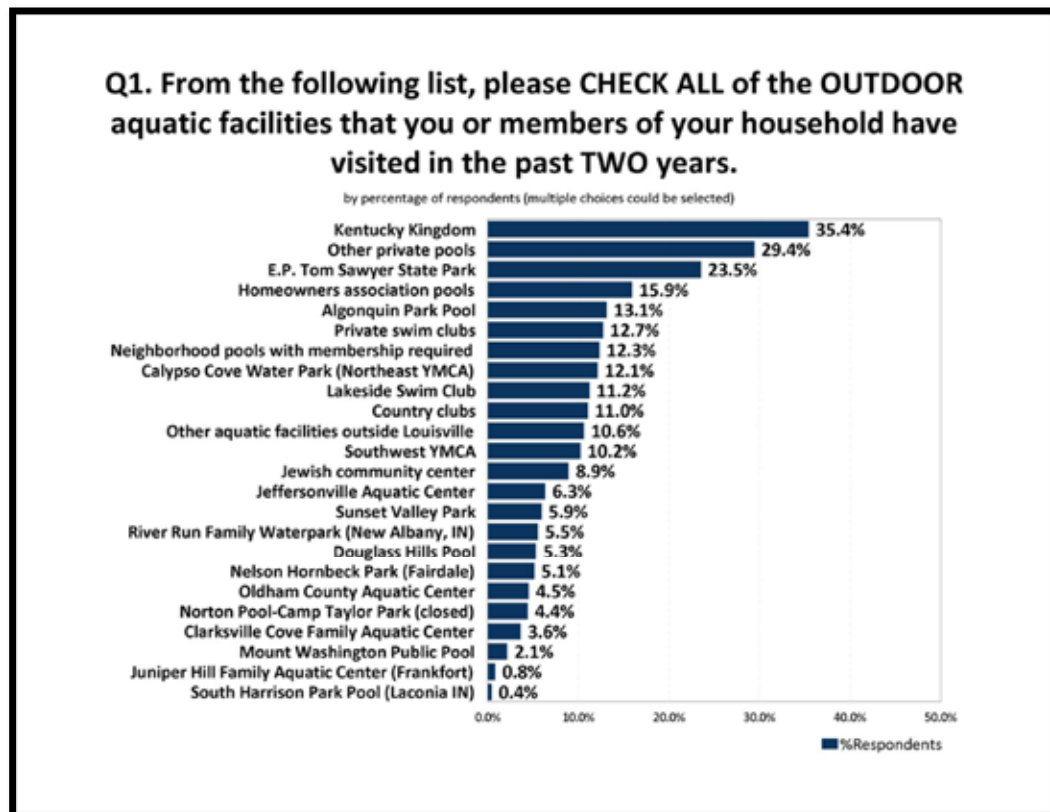


Figure 4: Outdoor Aquatic Facilities Visited by Households

Nearly all (82.3%) of households drive, 15.2% walk, 8.4% bike, and 5.6% use public transportation most often to travel. Over three-quarters (76.6%) of households would be willing to travel five to thirty minutes to attend aquatic programs or use swimming pools. Almost a quarter (23.3%) of households indicated that a reason that prevents them/their household from using swimming pools and programs more often is because there is not a pool close enough to their home.

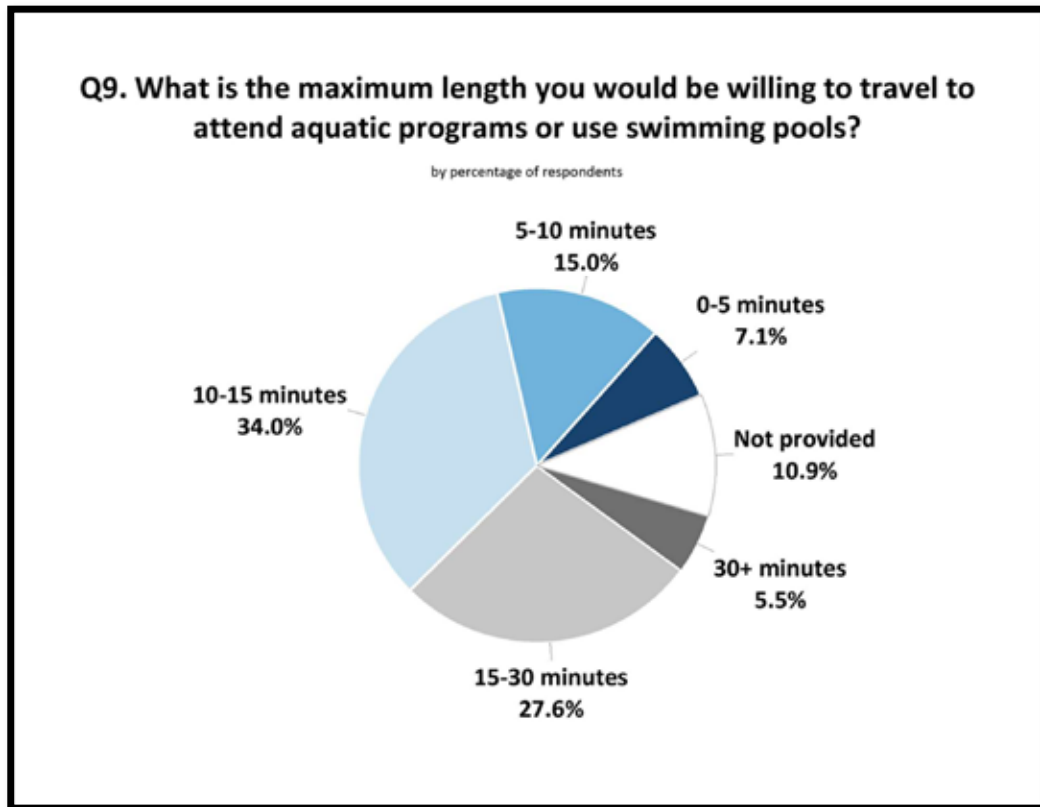


Figure 5: Length of Travel by Households

During the past two years, 14.1% of households visited aquatic facilities offered by Louisville Parks and recreation (Algonquin, Nelson Hornbeck (Fairdale), Sun Valley, Norton Pool (Camp Taylor Park)). Of these households, nearly all (87.0%) visited these facilities one to ten times during the past year and the majority (56.7%) rated the physical condition as either “excellent” or “good”.

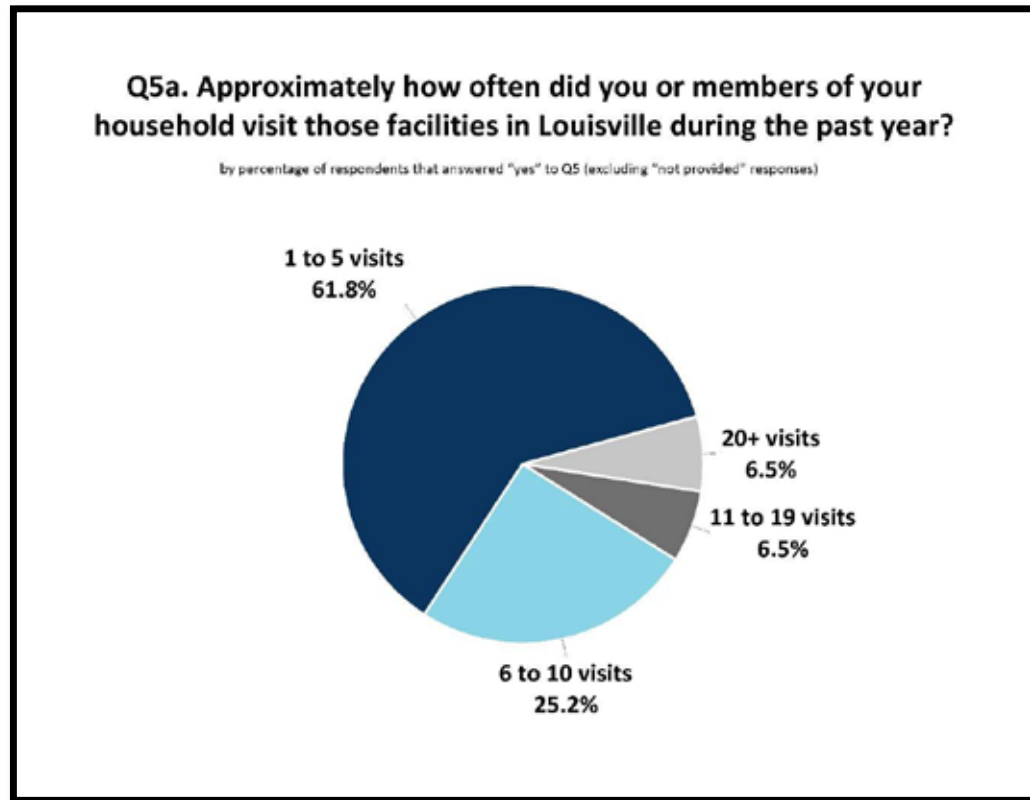


Figure 6: Frequency Households Visited Louisville Facilities During the Past Year

Currently, 78.7% of households feel that the fees, of \$3 per visit for adults and \$2 per visit for children, are about right, 11.1% feel they are too high and 10.2% feel they are too low. Over two-thirds (69.5%) of households would be willing to pay higher fees for a facility that includes improvements that they think are most important for the City to provide. These actions include:

- Upgrading pool houses/bathhouses/restrooms (46.5%)
- Adding security cameras (35.5%)
- Developing new family aquatic centers with modern amenities (18.0%)
- Providing additional shade (17.6%)

Of the 69.5% of households that would be willing to pay higher fees, 52.3% would be willing to pay between one to three dollars more per visit

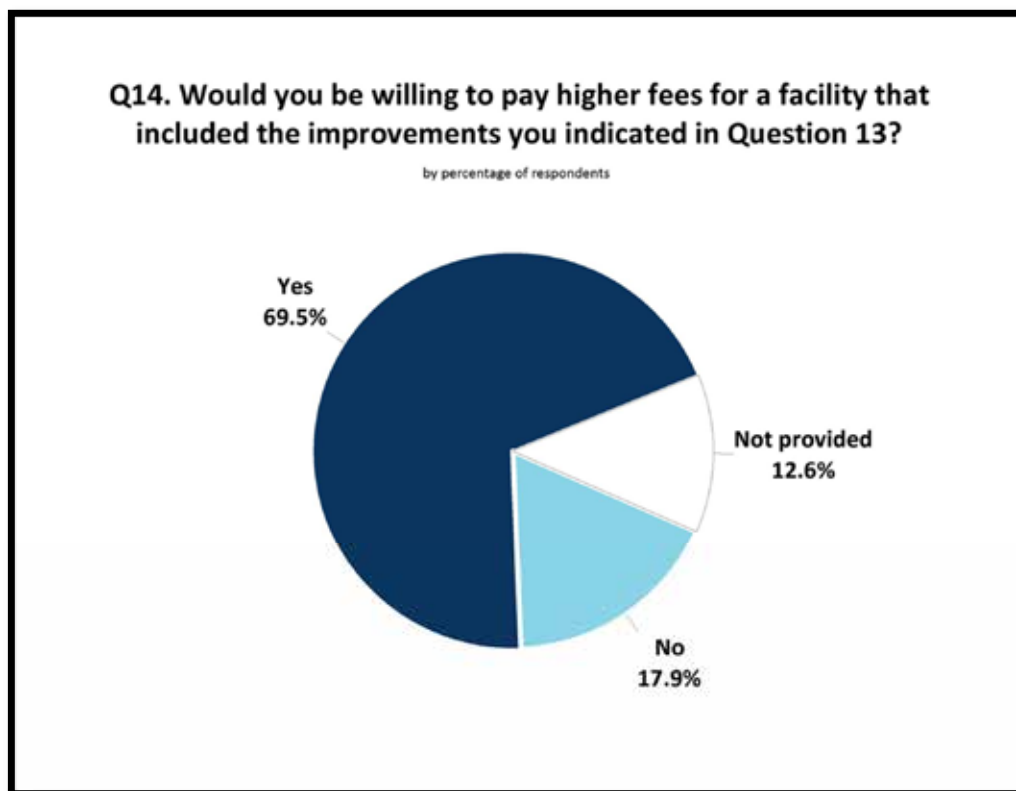


Figure 7: Willingness to Pay Higher Fees or Not

The majority (55.3%) of households use word of mouth and 44.2% of households use social media to learn about aquatic programs or activities. One out of five households (20.1%) indicated that a reason that prevents them/their household from using swimming pools and programs more often is because they do not know what is being offered.

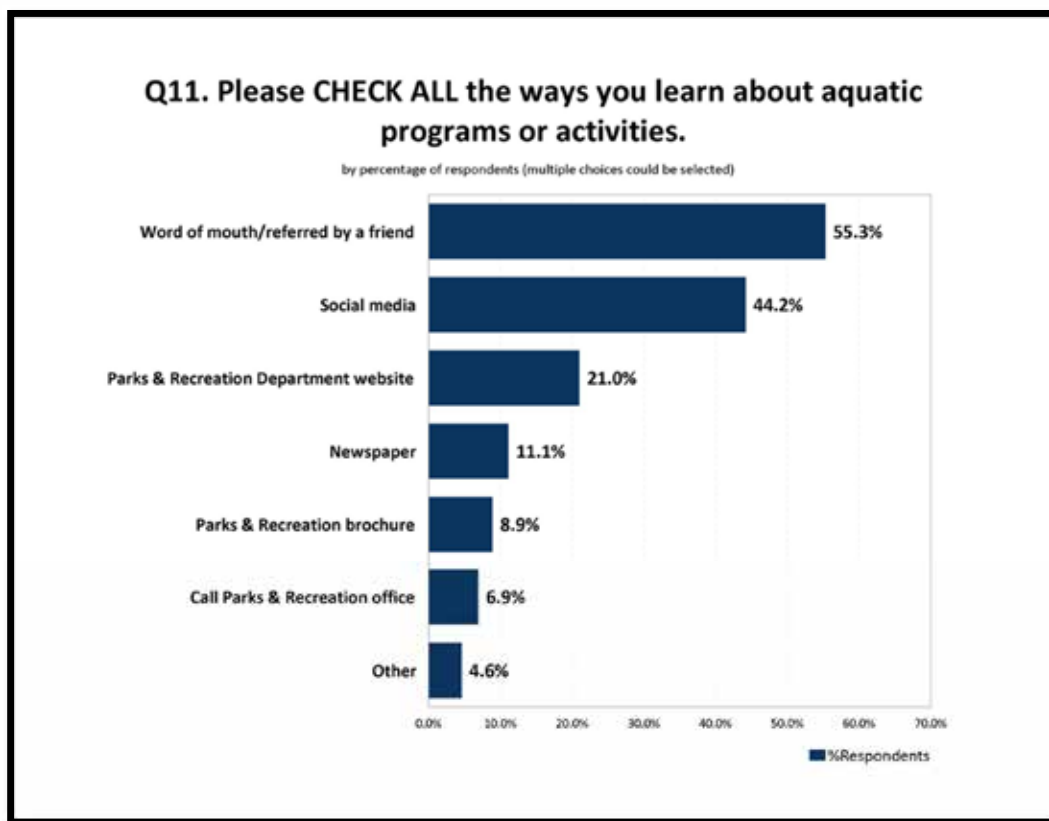


Figure 8: Methods of Communication

In order to ensure that Louisville Parks and Recreation continues to meet the needs and expectations of their service area, ETC Institute recommends that they sustain and/or improve the performance in areas that were identified as “high priorities” by the Priority Investment Rating (PIR). The recreation programs with the highest PIR ratings are listed below.

Program Priorities

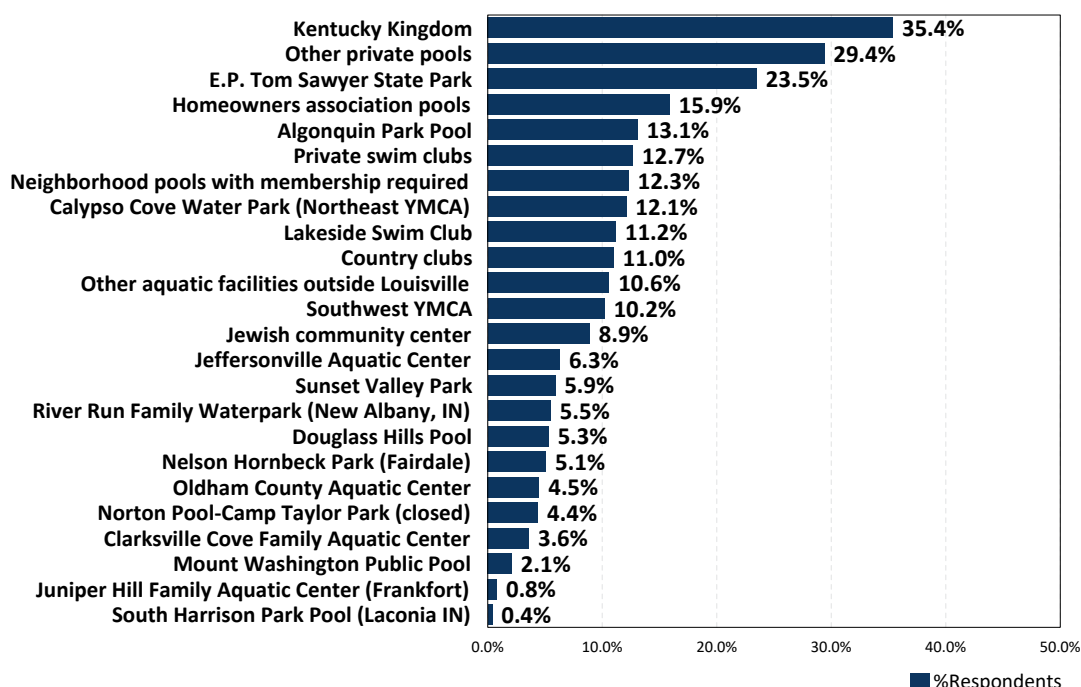
- Water fitness classes (PIR=200.0)
- Youth Learn to Swim programs (PIR=165.3)
- Family Fun Nights (PIR=139.9)
- Therapeutic programs (PIR=125.8)
- Senior aquatic programs (PIR=113.8)
- Adult Learn to Swim programs (PIR=109.5)

02

Charts & Graphs: Survey Results

Q1. From the following list, please CHECK ALL of the OUTDOOR aquatic facilities that you or members of your household have visited in the past TWO years.

by percentage of respondents (multiple choices could be selected)



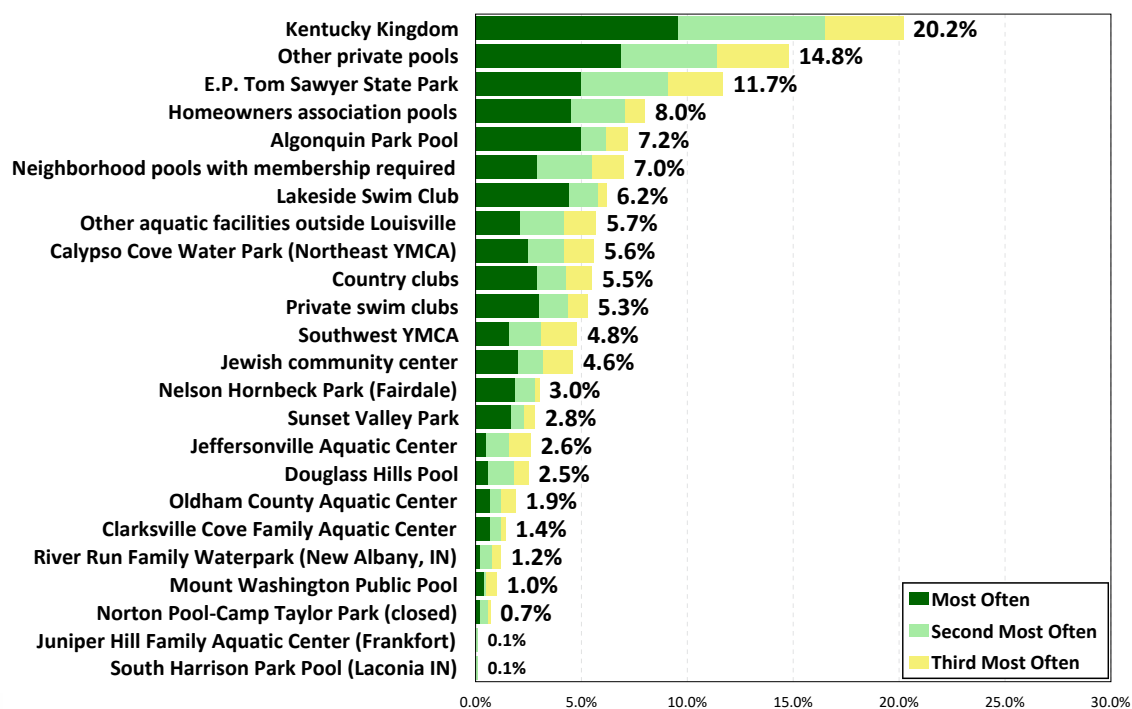
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Q2. Which three of the facilities from the list in Question 1 did you VISIT THE MOST in the last 2 years?

by percentage of respondents that selected the items as one of their top three choices

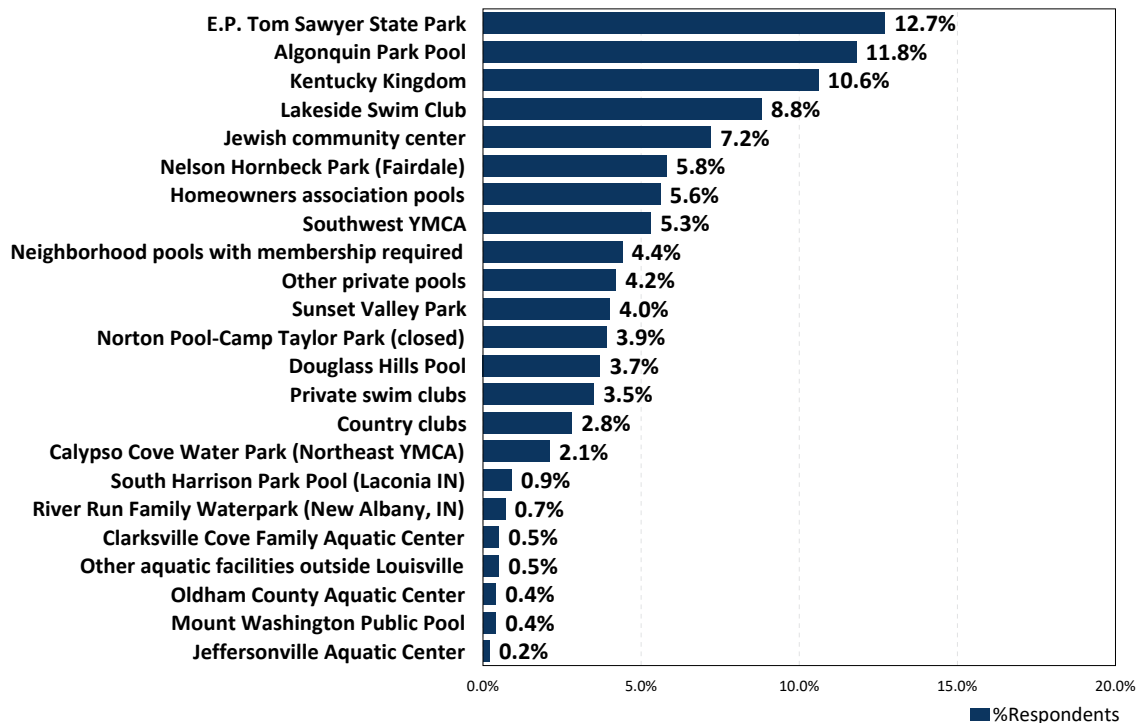


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Q3. Which of the outdoor aquatic facilities is closest to your home?

by percentage of respondents (multiple choices could be selected) (excluding "none" or "not provided" responses)



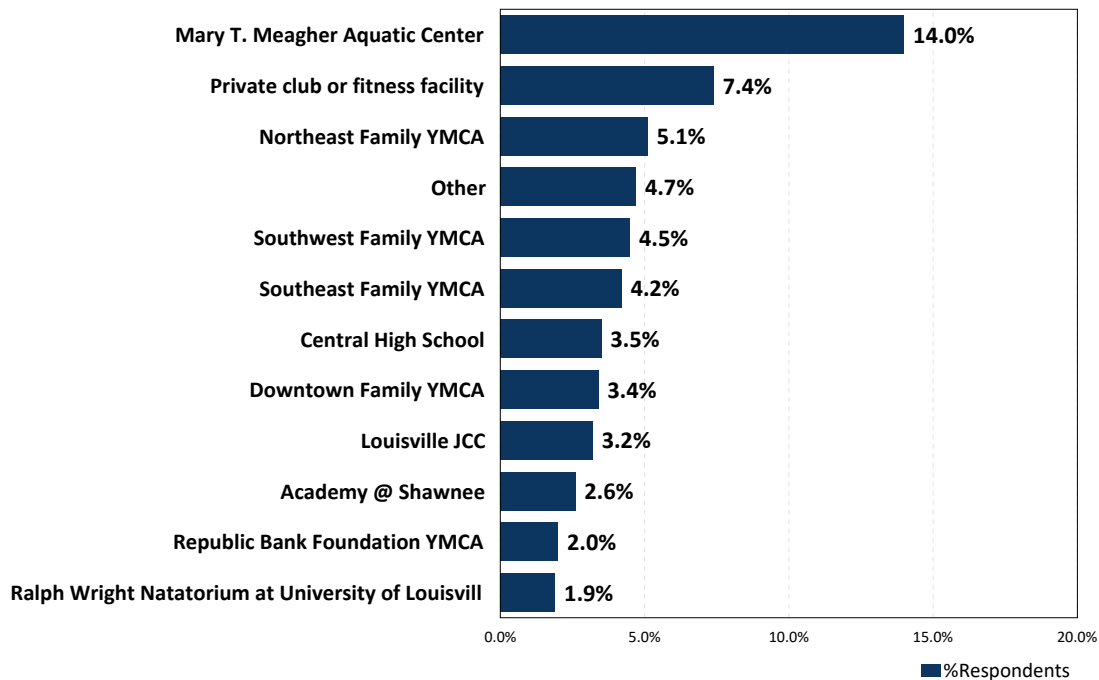
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

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Q4. From the following list, please CHECK ALL of the INDOOR aquatic facilities that you or members of your household have visited in the past 12 months.

by percentage of respondents (multiple choices could be selected)

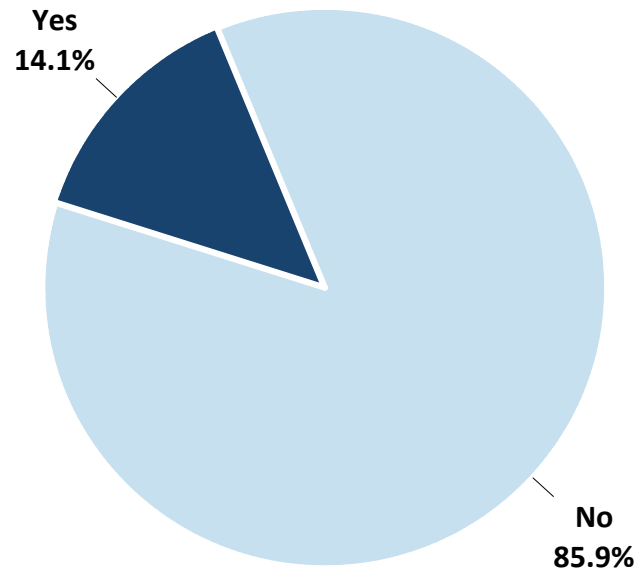


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Q5. Have you or any member of your household visited any of the outdoor aquatic facilities offered by Louisville Parks and Recreation (Algonquin, Nelson Hornbeck (Fairdale), Sun Valley, Norton Pool (Camp Taylor Park)) during the past 2 years?

by percentage of respondents



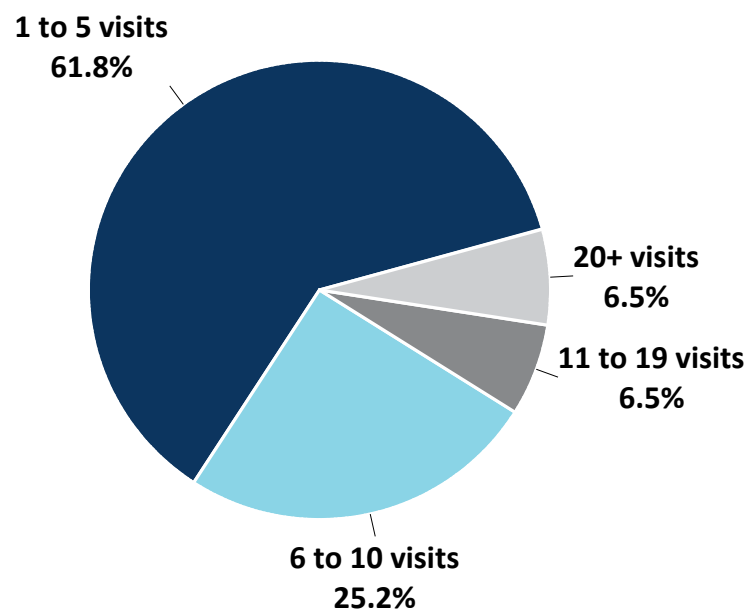
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Q5a. Approximately how often did you or members of your household visit those facilities in Louisville during the past year?

by percentage of respondents that answered "yes" to Q5 (excluding "not provided" responses)

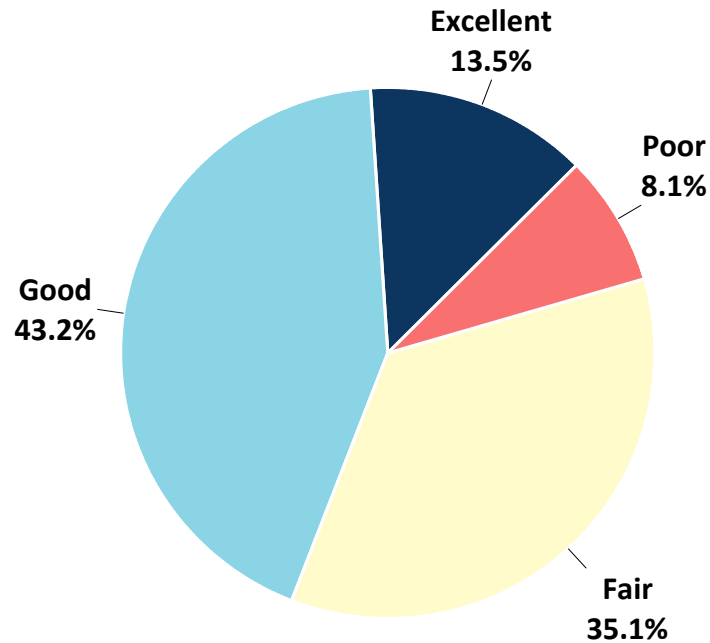


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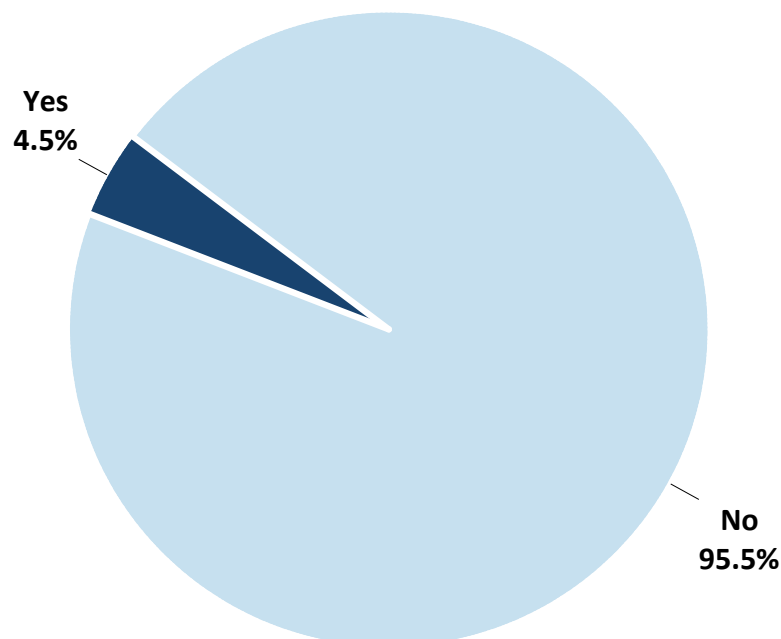
Q5b. Overall, how would you rate the physical condition of the facilities you have visited?

by percentage of respondents that answered "yes" to Q5 (excluding "not provided" responses)



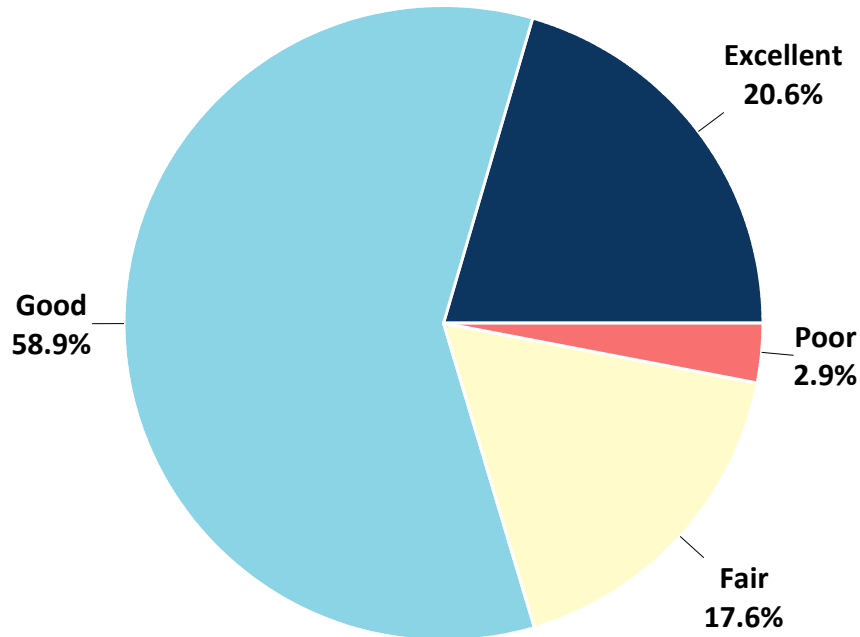
Q6. Have you or members of your household participated in any aquatic programs offered by Louisville Parks and Recreation over the past 12 months?

by percentage of respondents



Q6a. How would you rate the quality of the programs in which you or members of your household participated?

by percentage of respondents who answered "yes" to Q6 (excluding "not provided" responses)



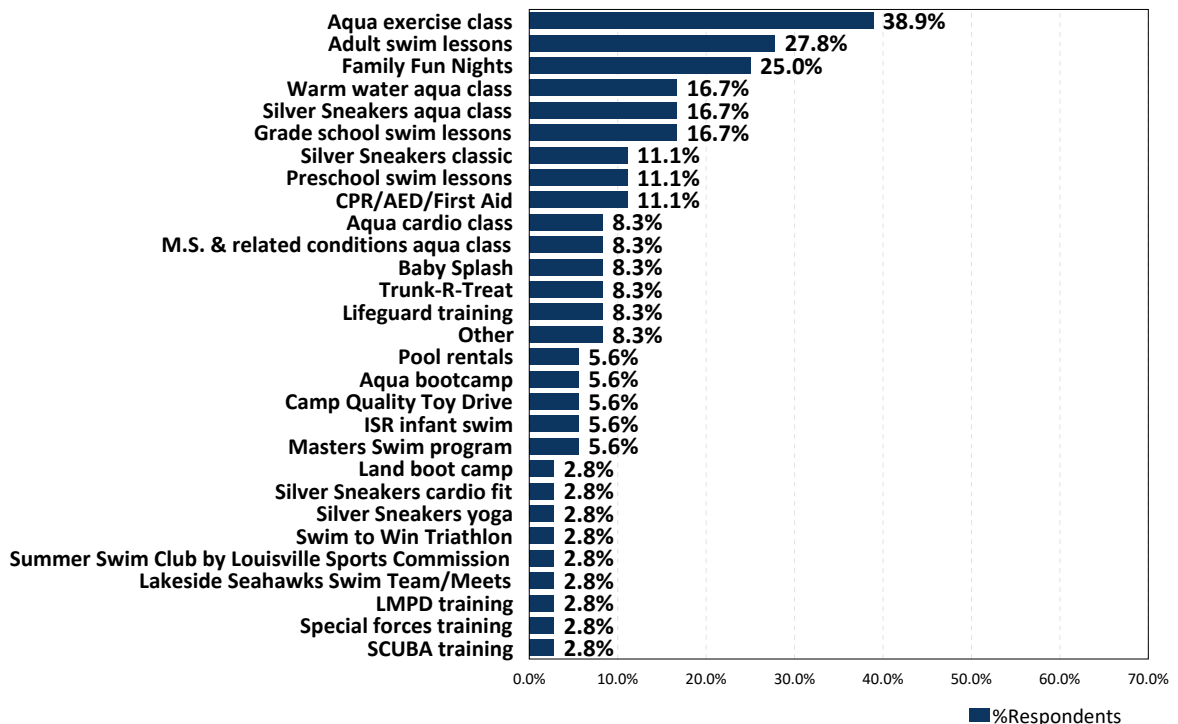
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Q6b. Please indicate which programs or services you or family members attended.

by percentage of respondents (multiple choices could be selected)

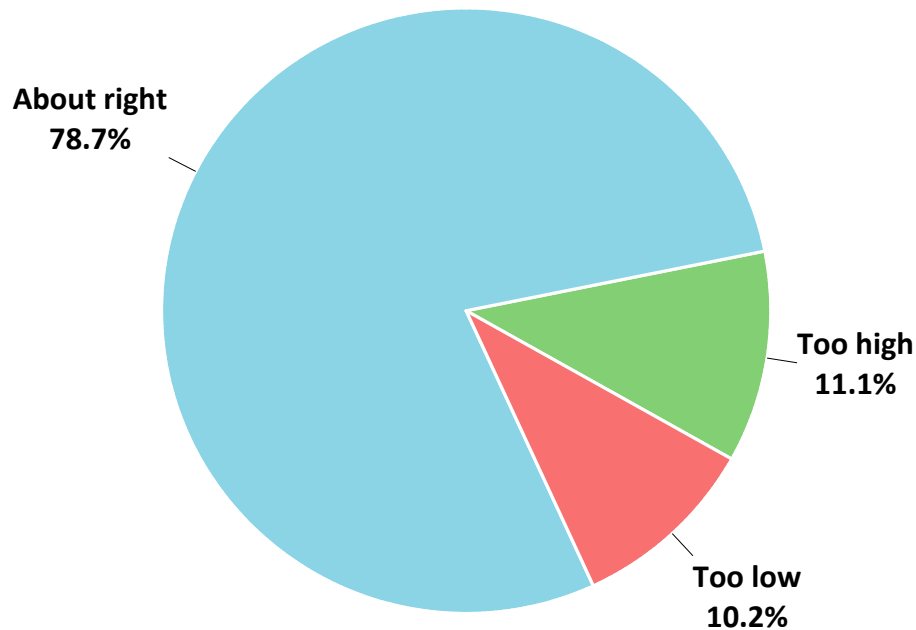


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Q7. Louisville charges daily user fees of \$3 per visit for adults and \$2 for children at the Outdoor pools. Please check the statement that best indicates your feelings about these fees.

by percentage of respondents (excluding "not provided" responses)

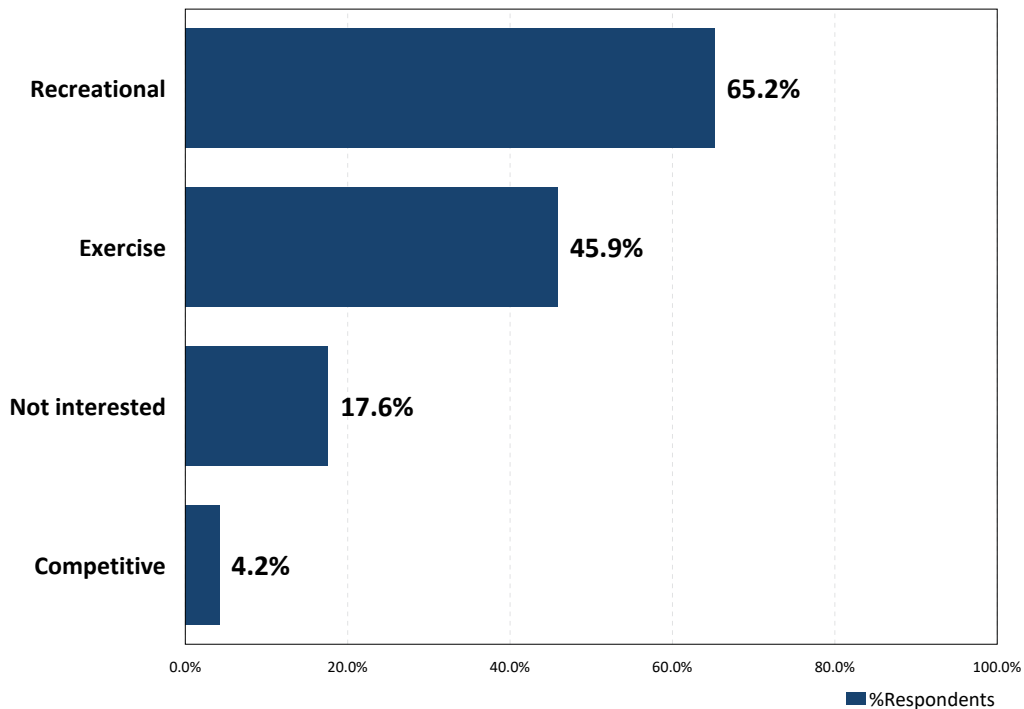


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Q8. Which of the following options best describes your interest in swimming pools and programs?

by percentage of respondents (multiple choices could be selected)

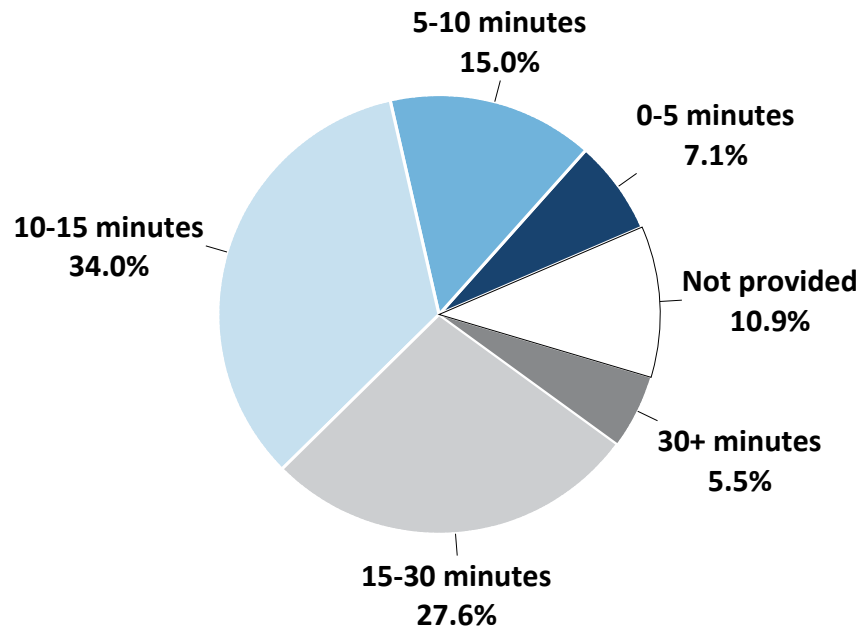


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Q9. What is the maximum length you would be willing to travel to attend aquatic programs or use swimming pools?

by percentage of respondents



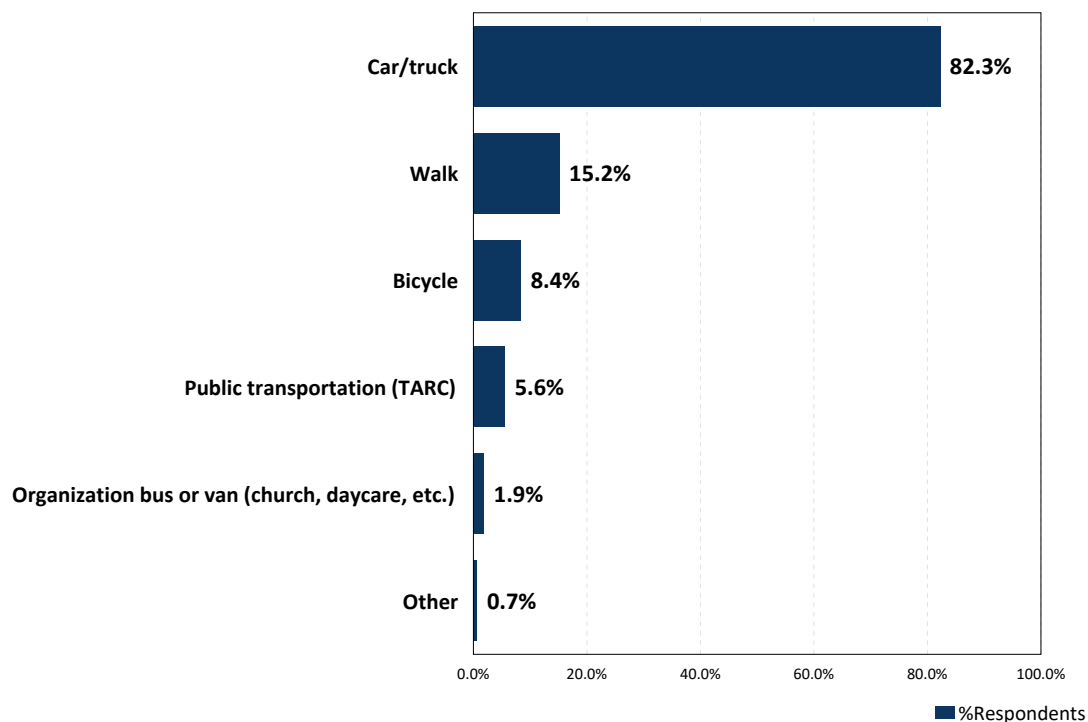
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Q10. Please CHECK ALL the ways in which you or other members of your household travel to swimming pools in Louisville most often.

by percentage of respondents (multiple choices could be selected)

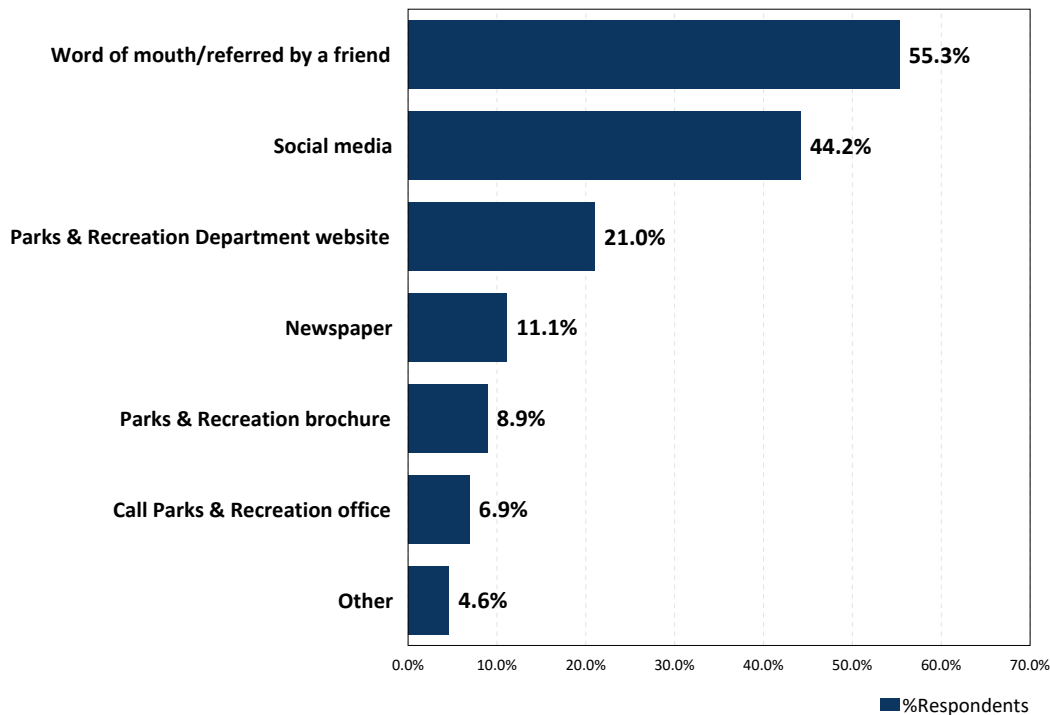


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Q11. Please CHECK ALL the ways you learn about aquatic programs or activities.

by percentage of respondents (multiple choices could be selected)



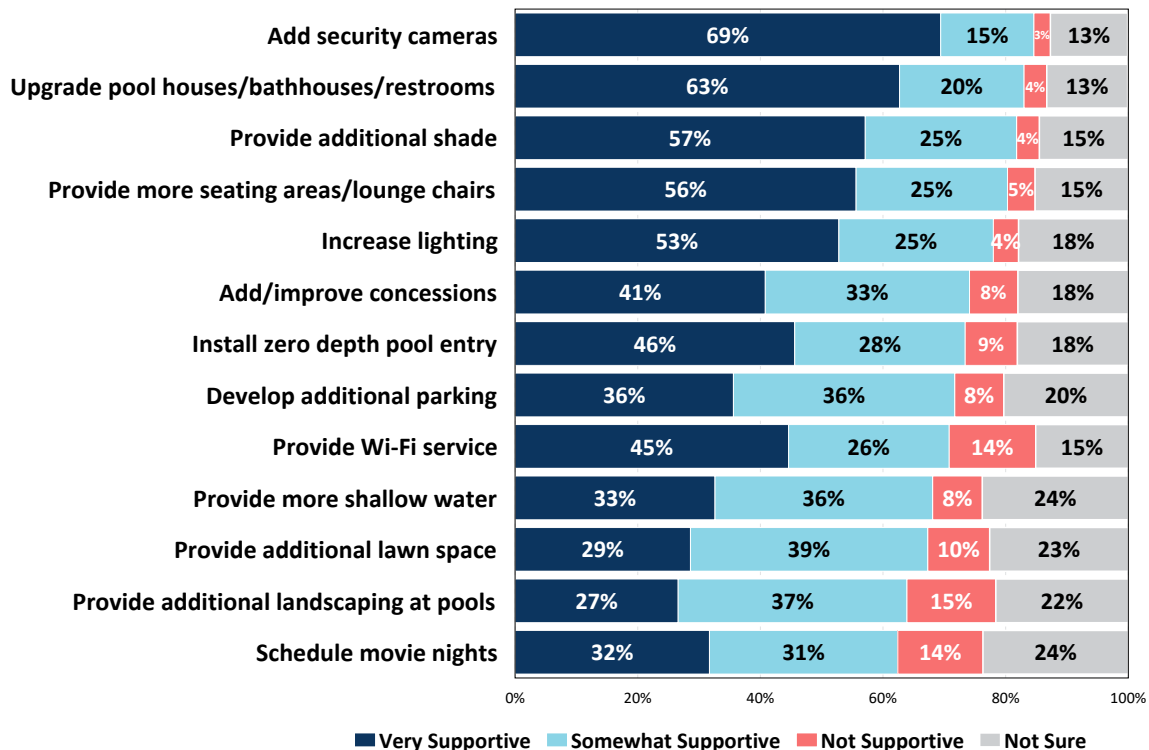
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Q12(1-13). Level of Support for Improvements at All Outdoor Pools

by percentage of respondents, using a 4-point scale, where 4 means "very supportive" and 1 means "not sure"

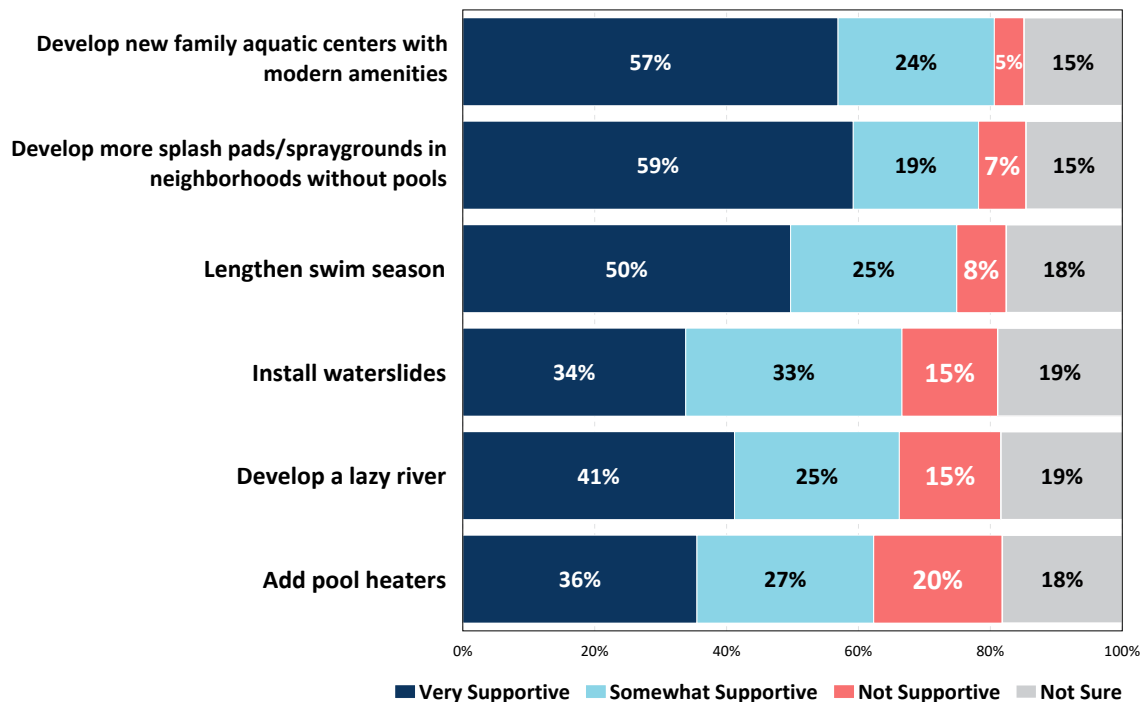


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Q12(14-19). Level of Support for Improvements at Some or New Outdoor Pools

by percentage of respondents, using a 4-point scale, where 4 means "very supportive" and 1 means "not sure"



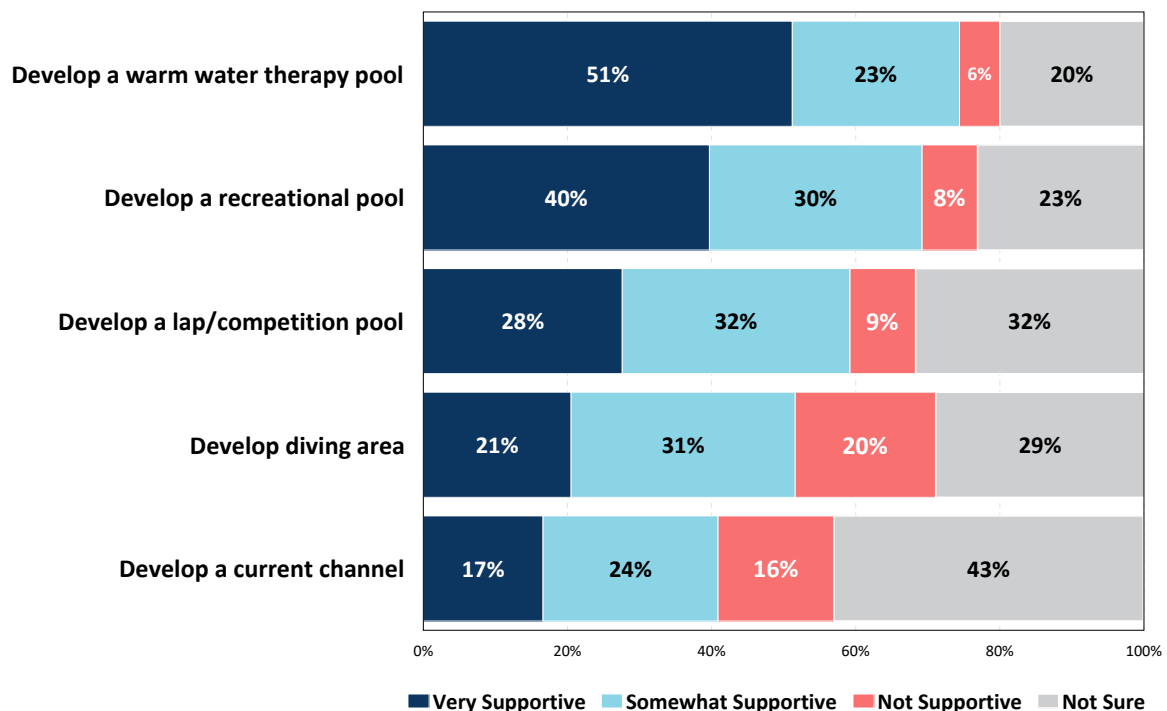
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Q12(20-24). Level of Support for Indoor Facilities: Mary T. Meagher or a New Facility

by percentage of respondents, using a 4-point scale, where 4 means "very supportive" and 1 means "not sure"

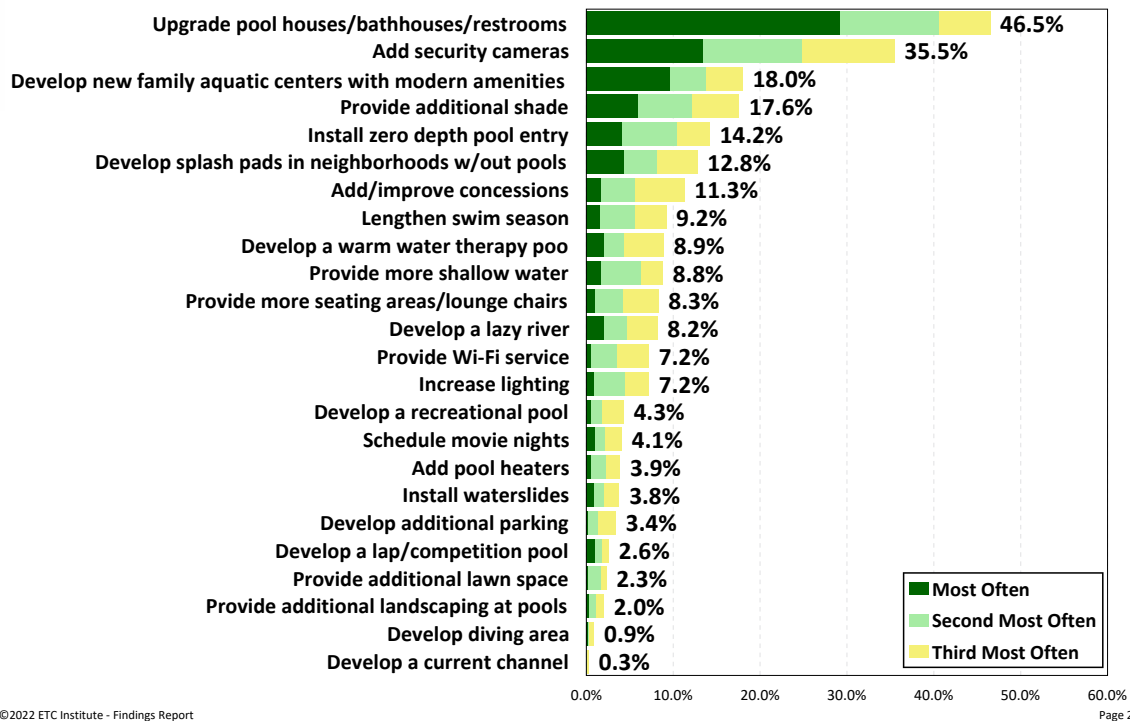


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Q13. Which THREE of the actions listed in Question 12 do you think should be the most important for the City of Louisville to provide?

by percentage of respondents that selected the items as one of their top three choices

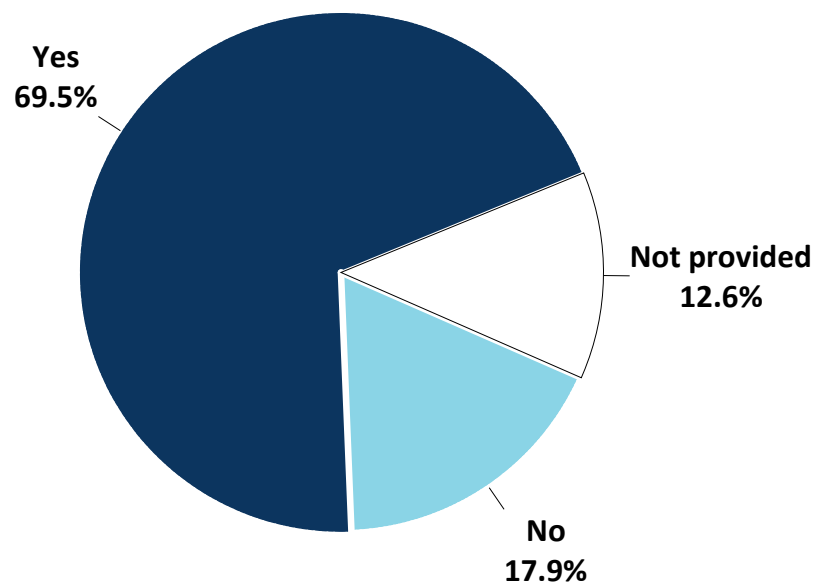


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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Q14. Would you be willing to pay higher fees for a facility that included the improvements you indicated in Question 13?

by percentage of respondents

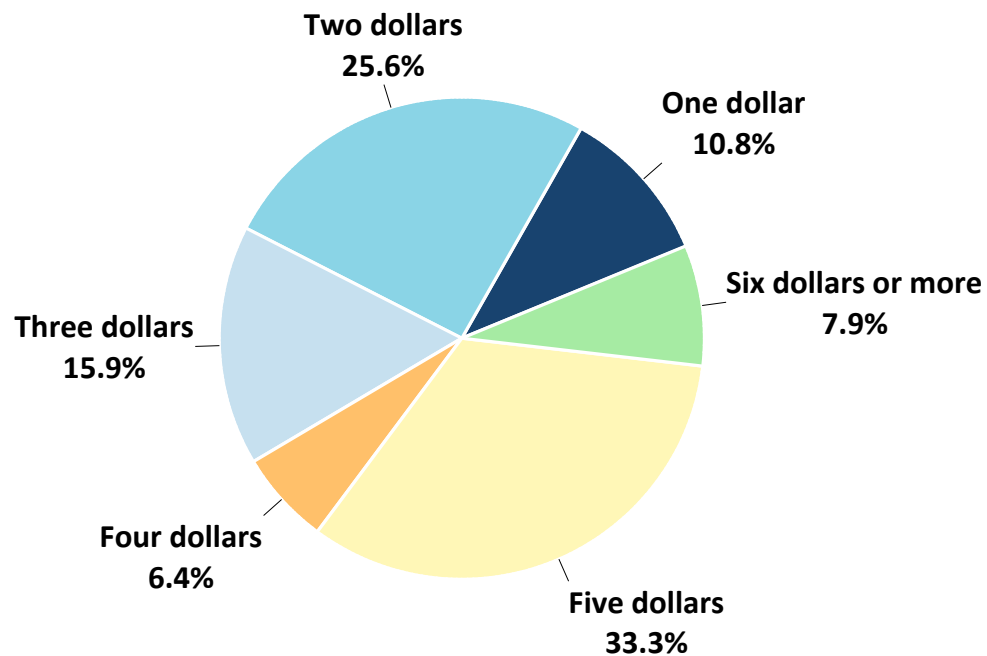


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Q14a. How much more would you be willing to pay per visit?

by percentage of respondents who answered "yes" to Q14 (excluding "not provided" responses)



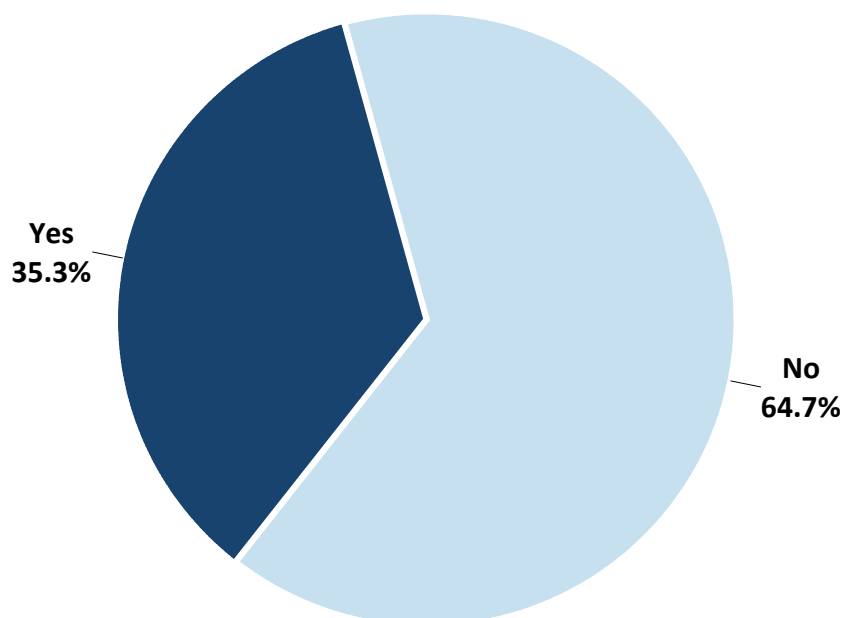
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Q15. Have you or members of your household visited a sprayground/splash pad (a water play area with spray features and no standing water) over the past 12 months?

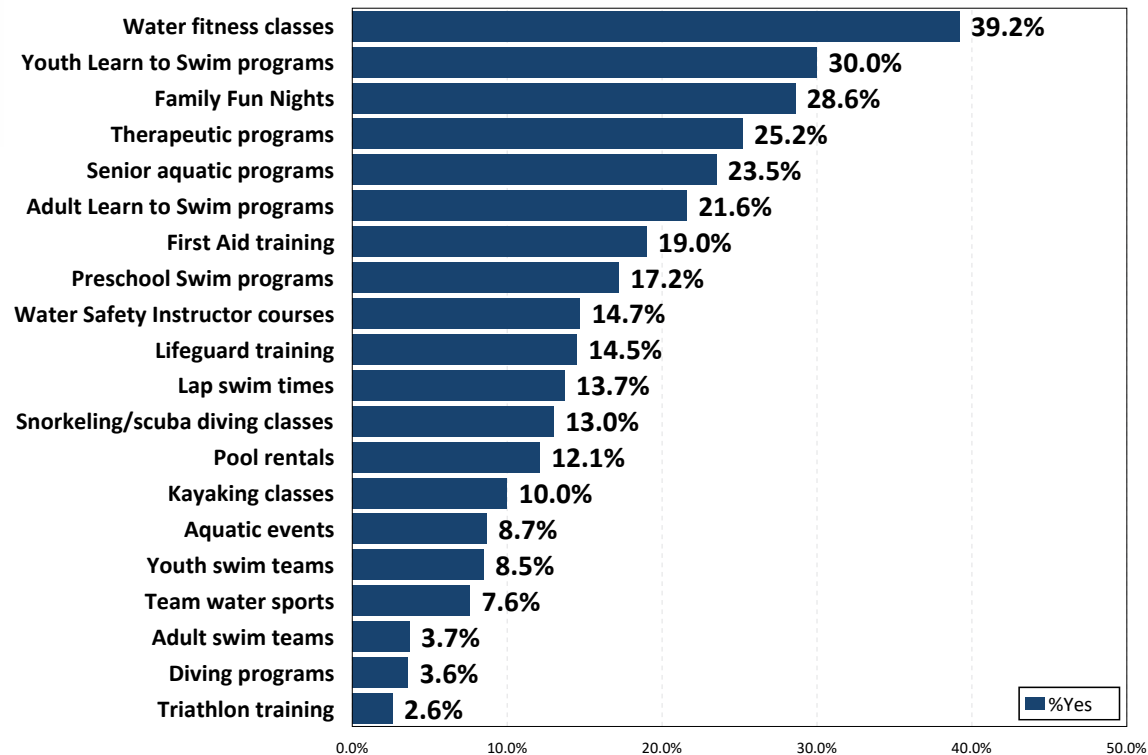
by percentage of respondents



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Q16. Percentage of Households With a Need for Various Recreation Programs



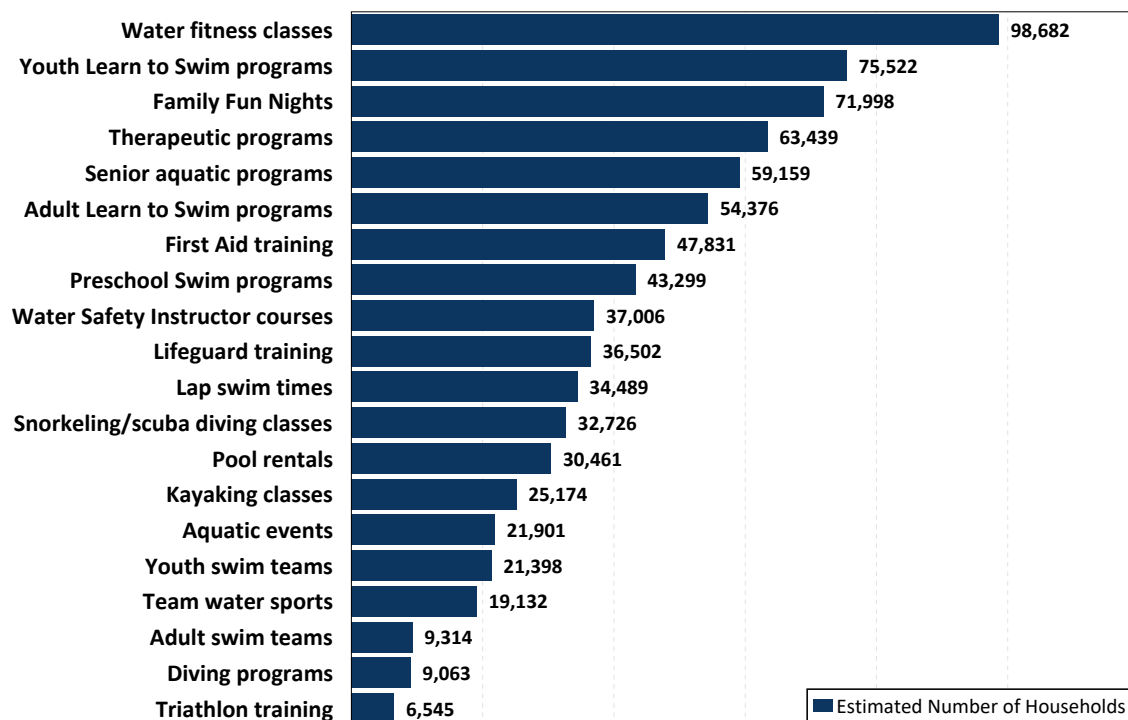
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Estimated Number of Households With a Need for Recreation Programs

(based on the estimated number of households in the Louisville Metro Area=251,741)

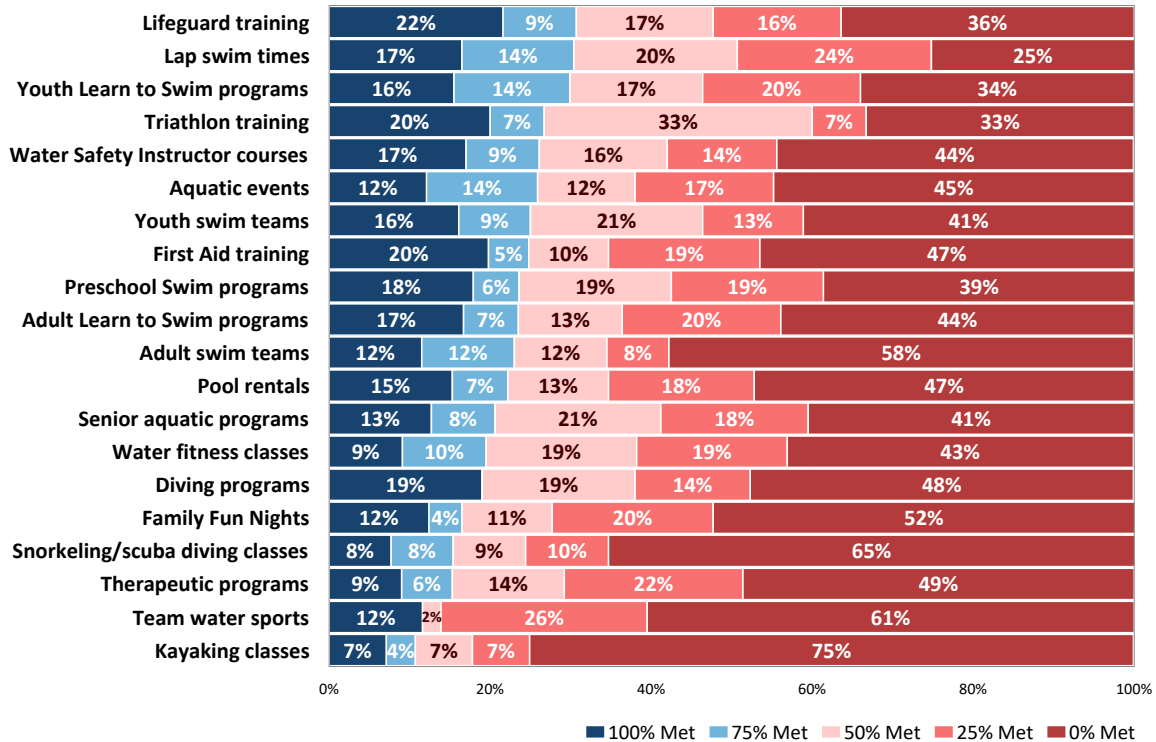


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Q16. How Well Households Need for Recreation Programs Are Being Met

by percentage of households that have a need for recreation programs, using a 5-point scale, where 5 means 100% met and 1 means 0% met



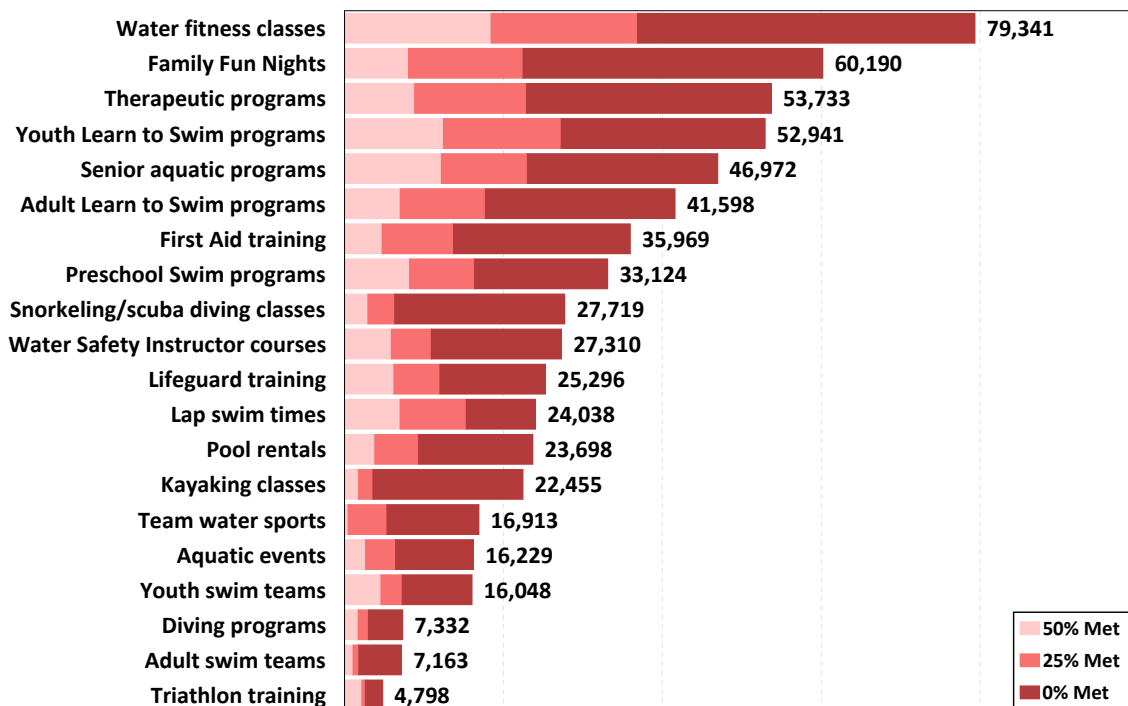
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Estimated Number of Households Whose Needs for Recreation Programs Are Being Met 50% or Less

(based on the estimated number of households in the Louisville Metro Area=251,741)

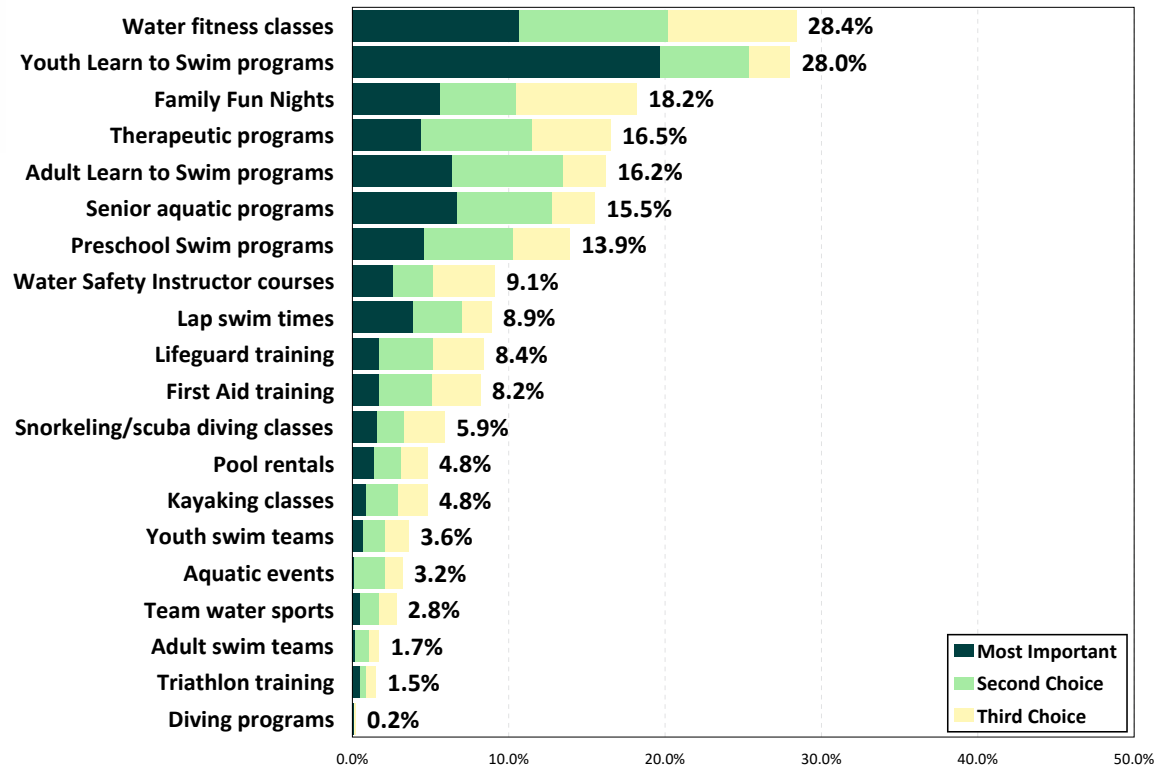


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Q17. Recreation Programs Most Important to Households

by percentage of households that selected the items as one of their top three choices



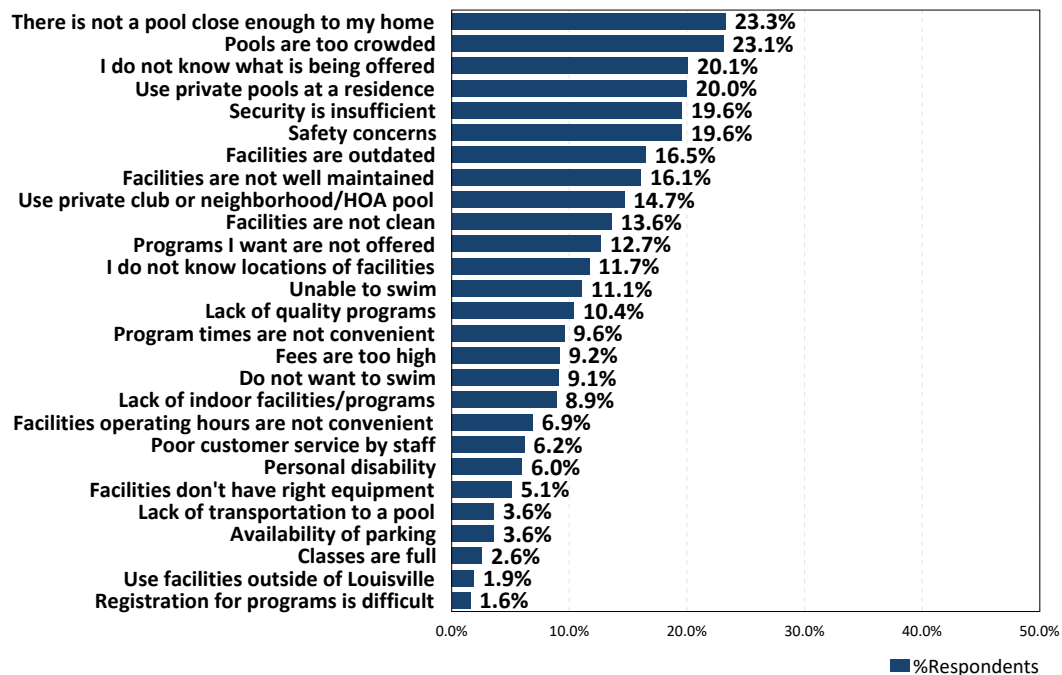
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Q18. Please CHECK ALL the reasons that prevent you or other members of your household from using swimming pools and programs offered by Louisville Parks and Recreation more often.

by percentage of respondents (multiple choices could be selected)

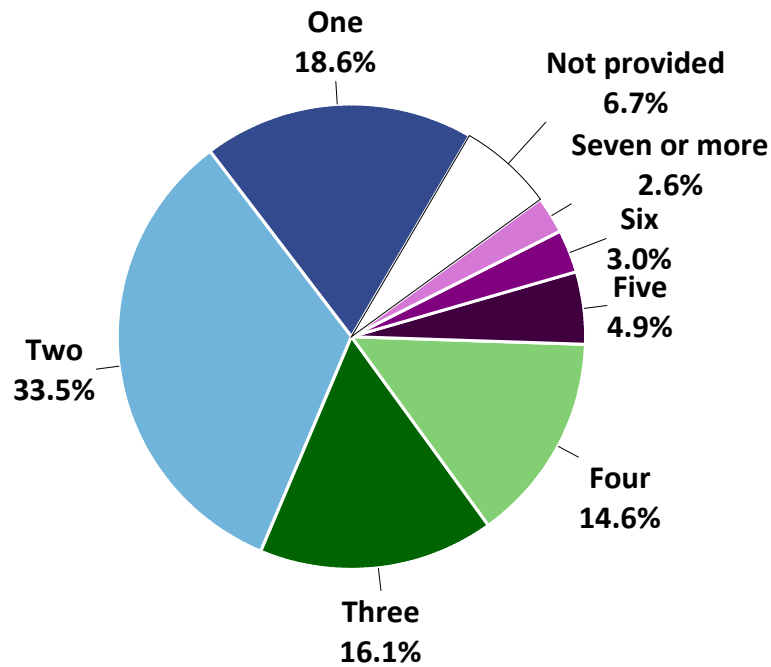


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Demographics: Q19. Counting yourself, how many people live in your household?

by percentage of respondents



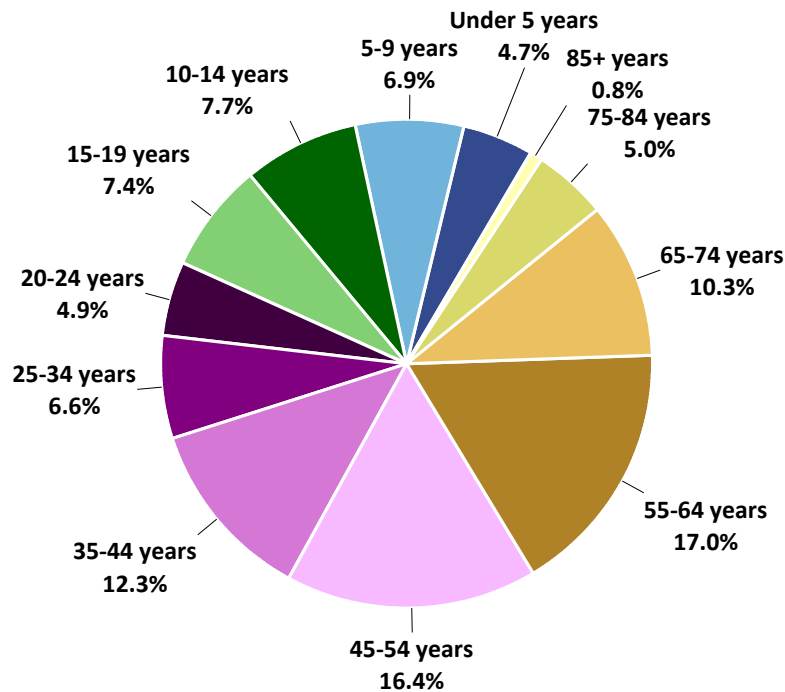
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Demographics: Q20. Counting yourself, how many people in your household are of the following ages?

by percentage of respondents

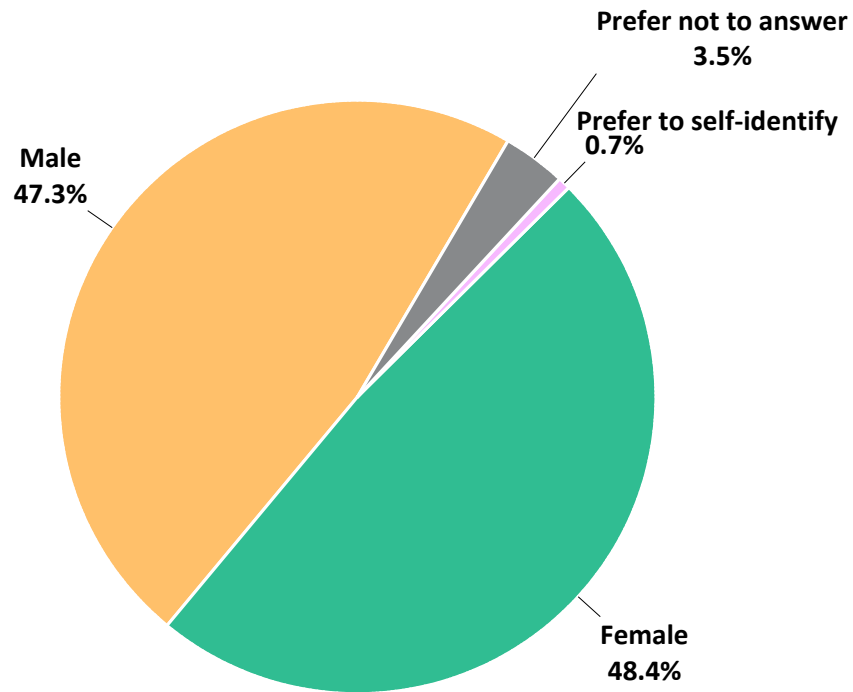


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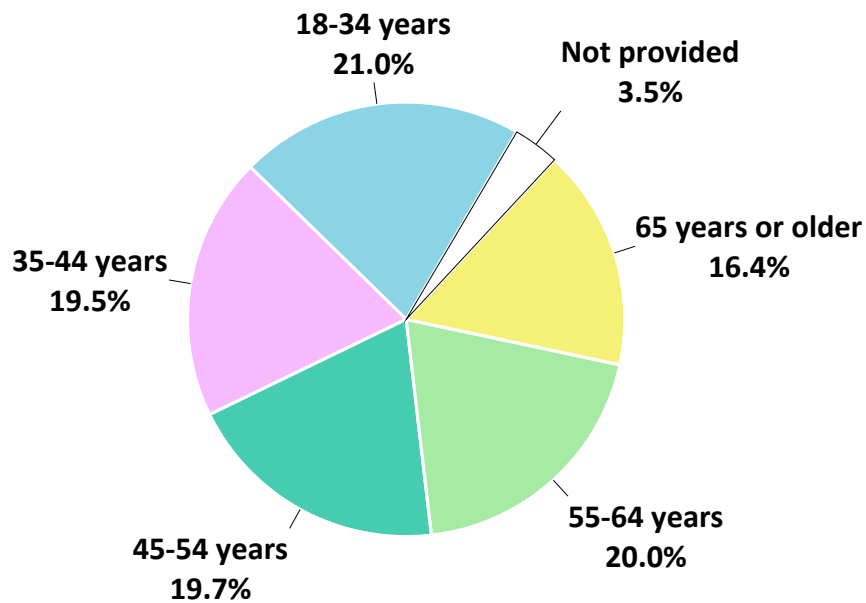
Demographics: Q21. Your gender:

by percentage of respondents



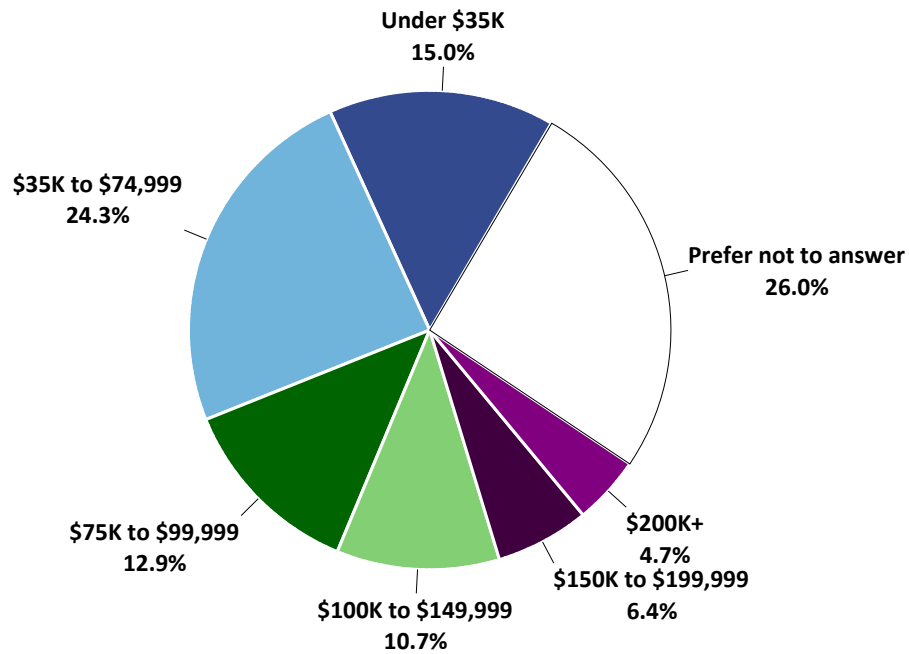
Demographics: Q22. What is your age?

by percentage of respondents



Demographics: Q23. Which of the following best describes the total annual income of everyone in your household combined?

by percentage of respondents



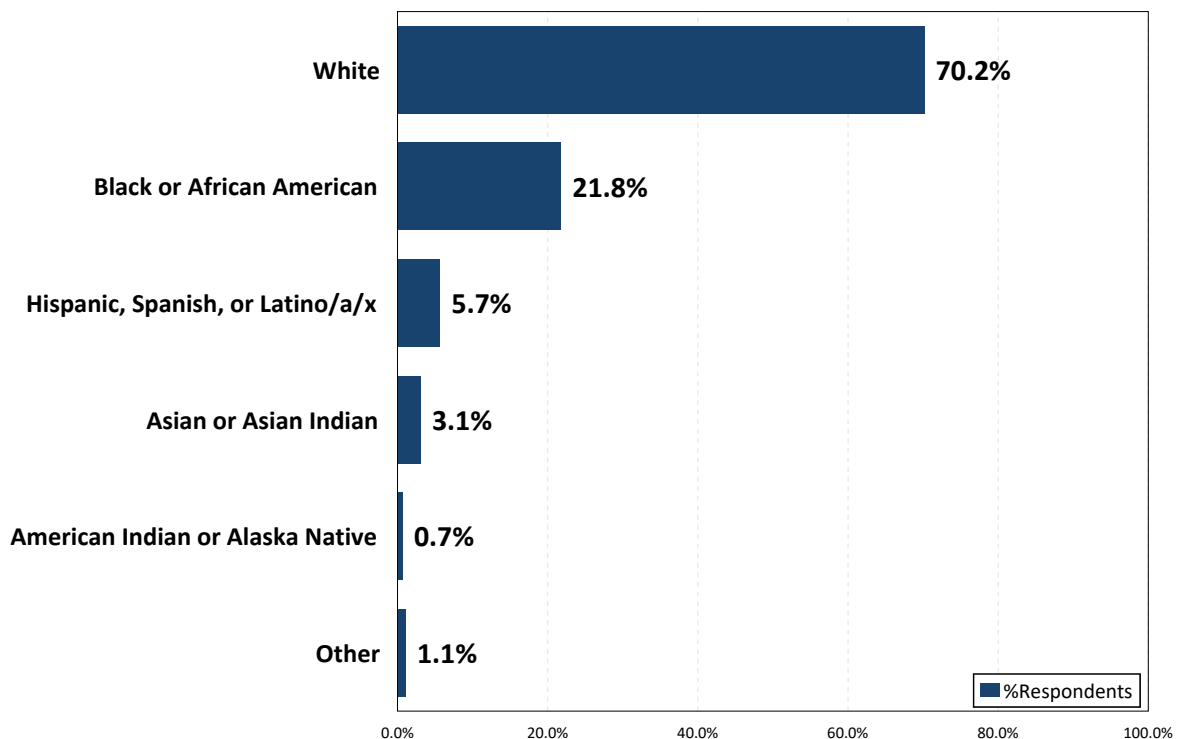
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Demographics: Q24. Which of the following best describes your race?

by percentage of respondents

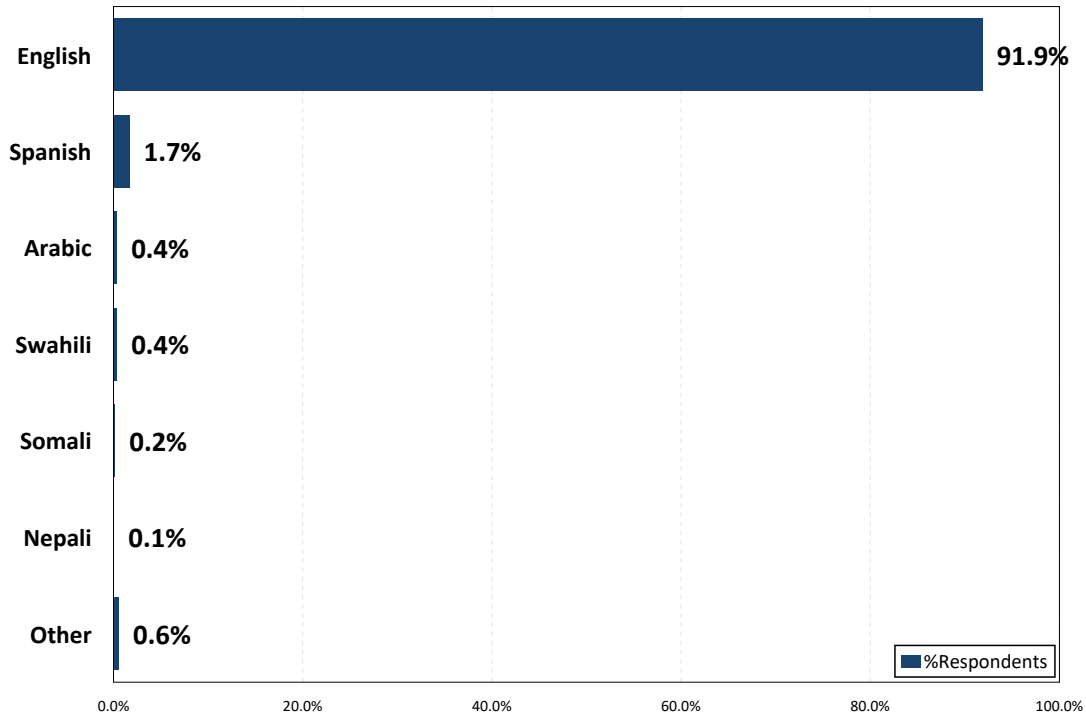


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Demographics: Q25. What are the predominant languages spoken in your household?

by percentage of respondents



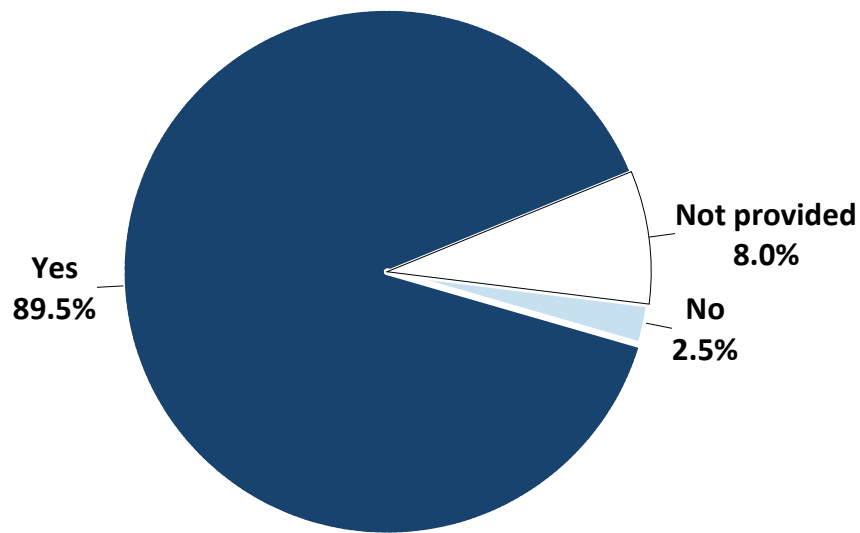
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2022 Louisville Parks & Recreation Pools & Aquatics Survey

Demographics: Q26. Do you own or have access to a car whenever you need it?

by percentage of respondents



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03

Priority Investment Analysis

Priority Investment Ratings Analysis

Summary

The Priority Investment Rating (PIR) was developed by ETC Institute to provide government leaders with an objective tool for evaluating the priority that should be placed on parks and recreation investments. The primary purpose of the Priority Investment Rating is to identify the facilities, amenities, and programs households think should receive the highest priority for investment. The Priority Investment Rating has two components:

- the importance households place on items (sum of top four choices) and
- households' unmet needs (needs that are only being 50% or less).

Since decisions related to future investments should consider both the level of unmet need and the importance of facilities, amenities, and programs, the Priority Investment Rating weights each of these components equally. Essentially, the equation for the Priority Investment Rating is the sum of the Unmet Needs Rating (UNR) and the Importance Rating (IR) as shown in the equation below:

$$\text{PIR} = \text{UNR} + \text{IR}$$

For example, suppose the Unmet Needs Rating for beaches is 100.0 (out of 100) and the Importance Rating for beaches is 74.7 (out of 100), therefore the Priority Investment Rating for beaches is 174.7 (out of 200). A Priority Investment Rating of 174.7 would indicate that cultural events are a High Priority for investment.

How to Analyze the Charts:

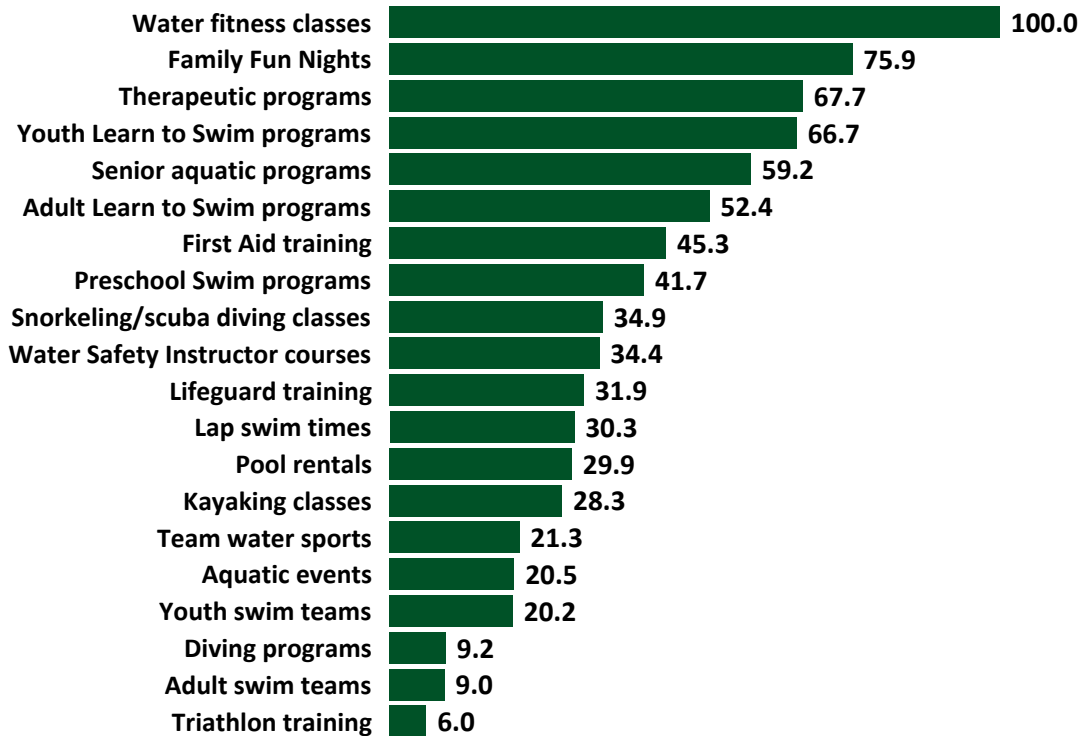
- **High Priority Areas** are those with a PIR of at least 100. A rating of 100 or above generally indicates there is a relatively high level of unmet need and households generally think it is important to fund improvements in these areas. Improvements in this area are likely to have a positive impact on the greatest number of households.
- **Medium Priority Areas** are those with a PIR of 50-99. A rating in this range generally indicates there is a medium to high level of unmet need or a significant percentage of households generally think it is important to fund improvements in these areas.
- **Low Priority Areas** are those with a PIR below 50. A rating in this range generally indicates there is a relatively low level of unmet need and households do not think it is important to fund improvements in these areas. Improvements may be warranted if the needs of very specialized populations are being targeted.

The following pages show the Unmet Needs Rating, Importance Rating, and Priority Investment Rating (PIR) for recreation programs

Unmet Needs Rating for Recreation Programs

the rating for the item with the most unmet need=100

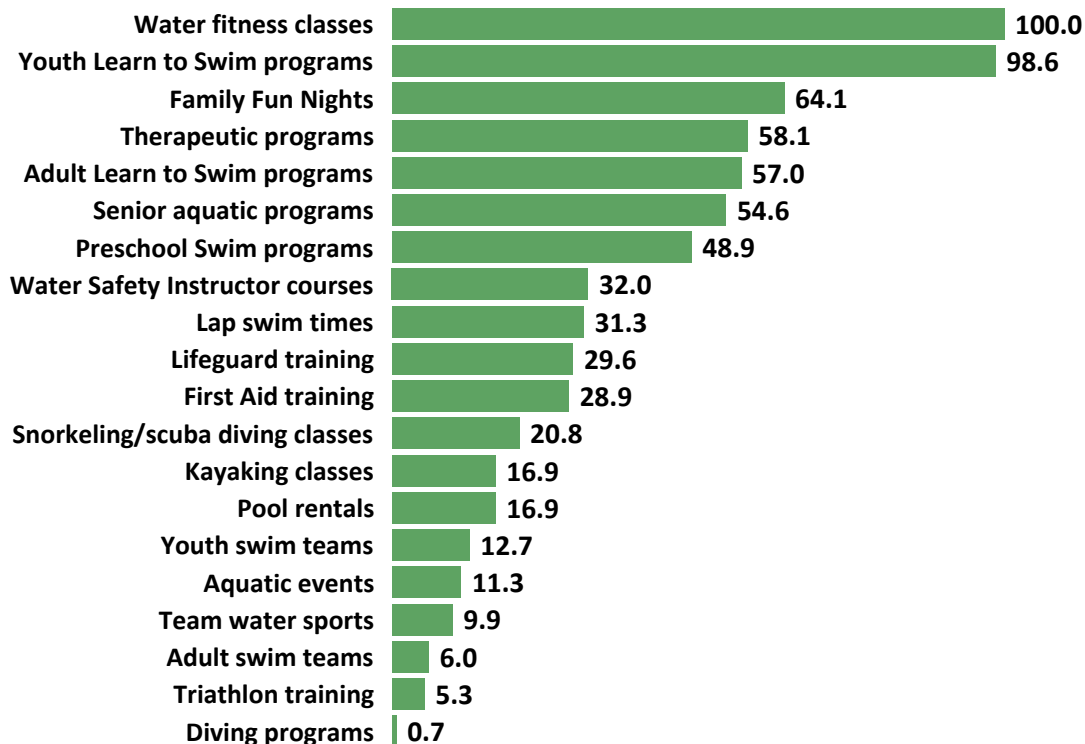
the rating of all other items reflects the relative amount of unmet need for each item compared to the item with the most unmet need



Importance Rating for Recreation Programs

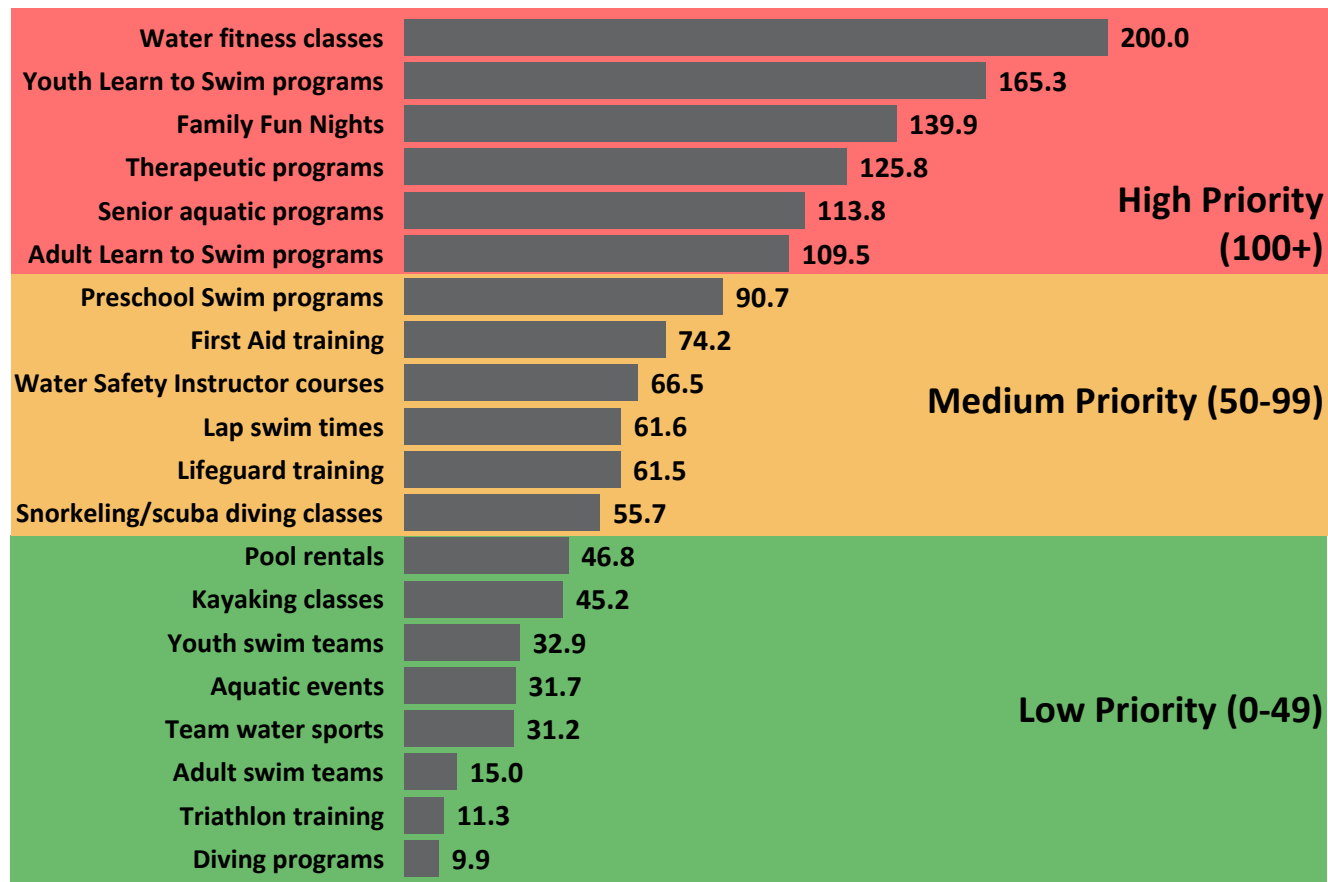
the rating for the item with the most unmet need=100

the rating of all other items reflects the relative amount of unmet need for each item compared to the item with the most unmet need



Top Priorities for Investment for Recreation Programs

Based on the Priority Investment Rating (PIR)



04

Tabular Data

Q1. From the following list, please CHECK ALL of the OUTDOOR aquatic facilities that you or members of your household have visited in the past TWO years.

Q1. All outdoor aquatic facilities your household has visited in past two years	Number	Percent
Algonquin Park Pool	72	9.0 %
Nelson Hornbeck Park (Fairdale)	29	3.6 %
Sunset Valley Park	32	4.0 %
Norton Pool-Camp Taylor Park (closed)	24	3.0 %
E.P. Tom Sawyer State Park	127	15.9 %
Douglass Hills Pool	28	3.5 %
Kentucky Kingdom	187	23.3 %
Lakeside Swim Club	61	7.6 %
Calypso Cove Water Park (Northeast YMCA)	64	8.0 %
Southwest YMCA	54	6.7 %
Private swim clubs	68	8.5 %
Homeowners association pools	84	10.5 %
Neighborhood pools with membership required	67	8.4 %
Country clubs	60	7.5 %
Jewish community center	49	6.1 %
Other private pools	157	19.6 %
Oldham County Aquatic Center	24	3.0 %
Clarksville Cove Family Aquatic Center	19	2.4 %
Juniper Hill Family Aquatic Center (Frankfort)	4	0.5 %
Mount Washington Public Pool	11	1.4 %
South Harrison Park Pool (Laconia IN)	2	0.2 %
Jeffersonville Aquatic Center	33	4.1 %
River Run Family Waterpark (New Albany, IN)	30	3.7 %
Other aquatic facilities outside Louisville	59	7.4 %
None	273	34.1 %
Total	1618	

Q2. Which three of the facilities from the list in Question 1 did you VISIT THE MOST in the last 2 years?

<u>Q2. Top choice</u>	<u>Number</u>	<u>Percent</u>
Algonquin Park Pool	40	5.0 %
Nelson Hornbeck Park (Fairdale)	15	1.9 %
Sunset Valley Park	14	1.7 %
Norton Pool-Camp Taylor Park (closed)	2	0.2 %
E.P. Tom Sawyer State Park	40	5.0 %
Douglass Hills Pool	5	0.6 %
Kentucky Kingdom	77	9.6 %
Lakeside Swim Club	35	4.4 %
Calypso Cove Water Park (Northeast YMCA)	20	2.5 %
Southwest YMCA	13	1.6 %
Private swim clubs	24	3.0 %
Homeowners association pools	36	4.5 %
Neighborhood pools with membership required	23	2.9 %
Country clubs	23	2.9 %
Jewish community center	16	2.0 %
Other private pools	55	6.9 %
Oldham County Aquatic Center	6	0.7 %
Clarksville Cove Family Aquatic Center	6	0.7 %
Mount Washington Public Pool	3	0.4 %
Jeffersonville Aquatic Center	4	0.5 %
River Run Family Waterpark (New Albany, IN)	2	0.2 %
Other aquatic facilities outside Louisville	17	2.1 %
None	116	14.5 %
None chosen	209	26.1 %
Total	801	100.0 %

Q2. Which three of the facilities from the list in Question 1 did you VISIT THE MOST in the last 2 years?

<u>Q2. 2nd choice</u>	<u>Number</u>	<u>Percent</u>
Algonquin Park Pool	10	1.2 %
Nelson Hornbeck Park (Fairdale)	7	0.9 %
Sunset Valley Park	5	0.6 %
Norton Pool-Camp Taylor Park (closed)	3	0.4 %
E.P. Tom Sawyer State Park	33	4.1 %
Douglass Hills Pool	10	1.2 %
Kentucky Kingdom	55	6.9 %
Lakeside Swim Club	11	1.4 %
Calypso Cove Water Park (Northeast YMCA)	14	1.7 %
Southwest YMCA	12	1.5 %
Private swim clubs	11	1.4 %
Homeowners association pools	21	2.6 %
Neighborhood pools with membership required	21	2.6 %
Country clubs	11	1.4 %
Jewish community center	10	1.2 %
Other private pools	36	4.5 %
Oldham County Aquatic Center	4	0.5 %
Clarksville Cove Family Aquatic Center	4	0.5 %
Juniper Hill Family Aquatic Center (Frankfort)	1	0.1 %
Mount Washington Public Pool	1	0.1 %
South Harrison Park Pool (Laconia IN)	1	0.1 %
Jeffersonville Aquatic Center	9	1.1 %
River Run Family Waterpark (New Albany, IN)	5	0.6 %
Other aquatic facilities outside Louisville	17	2.1 %
None	28	3.5 %
<u>None chosen</u>	<u>461</u>	<u>57.6 %</u>
Total	801	100.0 %

Q2. Which three of the facilities from the list in Question 1 did you VISIT THE MOST in the last 2 years?

Q2. 3rd choice	Number	Percent
Algonquin Park Pool	8	1.0 %
Nelson Hornbeck Park (Fairdale)	2	0.2 %
Sunset Valley Park	4	0.5 %
Norton Pool-Camp Taylor Park (closed)	1	0.1 %
E.P. Tom Sawyer State Park	21	2.6 %
Douglass Hills Pool	6	0.7 %
Kentucky Kingdom	30	3.7 %
Lakeside Swim Club	3	0.4 %
Calypso Cove Water Park (Northeast YMCA)	11	1.4 %
Southwest YMCA	14	1.7 %
Private swim clubs	7	0.9 %
Homeowners association pools	7	0.9 %
Neighborhood pools with membership required	12	1.5 %
Country clubs	10	1.2 %
Jewish community center	11	1.4 %
Other private pools	27	3.4 %
Oldham County Aquatic Center	6	0.7 %
Clarksville Cove Family Aquatic Center	2	0.2 %
Mount Washington Public Pool	4	0.5 %
Jeffersonville Aquatic Center	8	1.0 %
River Run Family Waterpark (New Albany, IN)	3	0.4 %
Other aquatic facilities outside Louisville	12	1.5 %
None	22	2.7 %
None chosen	570	71.2 %
Total	801	100.0 %

SUM OF TOP 3 CHOICES**Q2. Which three of the facilities from the list in Question 1 did you VISIT THE MOST in the last 2 years? (top 3)**

Q2. Sum of Top 3 Choices	Number	Percent
Algonquin Park Pool	58	7.2 %
Nelson Hornbeck Park (Fairdale)	24	3.0 %
Sunset Valley Park	23	2.9 %
Norton Pool-Camp Taylor Park (closed)	6	0.7 %
E.P. Tom Sawyer State Park	94	11.7 %
Douglass Hills Pool	21	2.6 %
Kentucky Kingdom	162	20.2 %
Lakeside Swim Club	49	6.1 %
Calypso Cove Water Park (Northeast YMCA)	45	5.6 %
Southwest YMCA	39	4.9 %
Private swim clubs	42	5.2 %
Homeowners association pools	64	8.0 %
Neighborhood pools with membership required	56	7.0 %
Country clubs	44	5.5 %
Jewish community center	37	4.6 %
Other private pools	118	14.7 %
Oldham County Aquatic Center	16	2.0 %
Clarksville Cove Family Aquatic Center	12	1.5 %
Juniper Hill Family Aquatic Center (Frankfort)	1	0.1 %
Mount Washington Public Pool	8	1.0 %
South Harrison Park Pool (Laconia IN)	1	0.1 %
Jeffersonville Aquatic Center	21	2.6 %
River Run Family Waterpark (New Albany, IN)	10	1.2 %
Other aquatic facilities outside Louisville	46	5.7 %
None	166	20.7 %
None chosen	209	26.1 %
Total	1372	

Q3. Which of the outdoor aquatic facilities is closest to your home?

Q3. Which outdoor aquatic facility is closest to your home	Number	Percent
Algonquin Park Pool	67	8.4 %
Nelson Hornbeck Park (Fairdale)	33	4.1 %
Sunset Valley Park	23	2.9 %
Norton Pool-Camp Taylor Park (closed)	22	2.7 %
E.P. Tom Sawyer State Park	72	9.0 %
Douglass Hills Pool	21	2.6 %
Kentucky Kingdom	60	7.5 %
Lakeside Swim Club	50	6.2 %
Calypso Cove Water Park (Northeast YMCA)	12	1.5 %
Southwest YMCA	30	3.7 %
Private swim clubs	20	2.5 %
Homeowners association pools	32	4.0 %
Neighborhood pools with membership required	25	3.1 %
Country clubs	16	2.0 %
Jewish community center	41	5.1 %
Other private pools	24	3.0 %
Oldham County Aquatic Center	2	0.2 %
Clarksville Cove Family Aquatic Center	3	0.4 %
Mount Washington Public Pool	2	0.2 %
South Harrison Park Pool (Laconia IN)	5	0.6 %
Jeffersonville Aquatic Center	1	0.1 %
River Run Family Waterpark (New Albany, IN)	4	0.5 %
Other aquatic facilities outside Louisville	3	0.4 %
None	16	2.0 %
Not provided	217	27.1 %
Total	801	100.0 %

Q4. From the following list, please CHECK ALL of the INDOOR aquatic facilities that you or members of your household have visited in the past 12 months.

Q4. All indoor aquatic facilities your household has visited in past 12 months	Number	Percent
Mary T. Meagher Aquatic Center	112	14.0 %
Louisville JCC	26	3.2 %
Private club or fitness facility	59	7.4 %
Republic Bank Foundation YMCA	16	2.0 %
Southeast Family YMCA	34	4.2 %
Downtown Family YMCA	27	3.4 %
Northeast Family YMCA	41	5.1 %
Southwest Family YMCA	36	4.5 %
Ralph Wright Natatorium at University of Louisville	15	1.9 %
Central High School	28	3.5 %
Academy @ Shawnee	21	2.6 %
Other	38	4.7 %
Total	453	

Q5. Have you or any member of your household visited any of the outdoor aquatic facilities offered by Louisville Parks and Recreation (Algonquin, Nelson Hornbeck (Fairdale), Sun Valley, Norton Pool (Camp Taylor Park)) during the past 2 years?

Q5. Has your household visited any outdoor aquatic facilities during past two years	Number	Percent
Yes	113	14.1 %
No	688	85.9 %
Total	801	100.0 %

Q5a. Approximately how often did you or members of your household visit those facilities in Louisville during the past year?

Q5a. How often did your household visit those facilities during past year	Number	Percent
1 to 5 visits	66	58.4 %
6 to 10 visits	27	23.9 %
11 to 19 visits	7	6.2 %
20+ visits	7	6.2 %
Don't know	6	5.3 %
Total	113	100.0 %

WITHOUT DON'T KNOW

Q5a. Approximately how often did you or members of your household visit those facilities in Louisville during the past year? (without "don't know")

Q5a. How often did your household visit those facilities during past year	Number	Percent
1 to 5 visits	66	61.7 %
6 to 10 visits	27	25.2 %
11 to 19 visits	7	6.5 %
20+ visits	7	6.5 %
Total	107	100.0 %

Q5b. Overall, how would you rate the physical condition of the facilities you have visited?

Q5b. How would you rate overall physical
condition of the facilities

	Number	Percent
Excellent	15	13.3 %
Good	48	42.5 %
Fair	39	34.5 %
Poor	9	8.0 %
Not provided	2	1.8 %
Total	113	100.0 %

WITHOUT NOT PROVIDED**Q5b. Overall, how would you rate the physical condition of the facilities you have visited? (without "not provided")**

Q5b. How would you rate overall physical
condition of the facilities

	Number	Percent
Excellent	15	13.5 %
Good	48	43.2 %
Fair	39	35.1 %
Poor	9	8.1 %
Total	111	100.0 %

Q6. Have you or members of your household participated in any aquatic programs offered by Louisville Parks and Recreation over the past 12 months?

Q6. Has your household participated in any aquatic programs over past 12 months	Number	Percent
Yes	36	4.5 %
No	765	95.5 %
Total	801	100.0 %

Q6a. How would you rate the quality of the programs in which you or members of your household participated?

Q6a. How would you rate quality of programs in which your household participated	Number	Percent
Excellent	7	19.4 %
Good	20	55.6 %
Fair	6	16.7 %
Poor	1	2.8 %
Not provided	2	5.6 %
Total	36	100.0 %

WITHOUT NOT PROVIDED

Q6a. How would you rate the quality of the programs in which you or members of your household participated? (without "not provided")

Q6a. How would you rate quality of programs in which your household participated	Number	Percent
Excellent	7	20.6 %
Good	20	58.8 %
Fair	6	17.6 %
Poor	1	2.9 %
Total	34	100.0 %

Q6b. Please indicate which programs or services you or family members attended.

Q6b. Which programs or services you or your family members attended	Number	Percent
Pool rentals	2	5.6 %
Aqua exercise class	14	38.9 %
Aqua cardio class	3	8.3 %
M.S. & related conditions aqua class	3	8.3 %
Aqua bootcamp	2	5.6 %
Warm water aqua class	6	16.7 %
Silver Sneakers aqua class	6	16.7 %
Land boot camp	1	2.8 %
Silver Sneakers classic	4	11.1 %
Silver Sneakers cardio fit	1	2.8 %
Silver Sneakers yoga	1	2.8 %
Baby Splash	3	8.3 %
Preschool swim lessons	4	11.1 %
Grade school swim lessons	6	16.7 %
Adult swim lessons	10	27.8 %
Swim to Win Triathlon	1	2.8 %
Family Fun Nights	9	25.0 %
Trunk-R-Treat	3	8.3 %
Camp Quality Toy Drive	2	5.6 %
Lifeguard training	3	8.3 %
CPR/AED/First Aid	4	11.1 %
Summer Swim Club by Louisville Sports Commission	1	2.8 %
ISR infant swim	2	5.6 %
Lakeside Seahawks Swim Team/Meets	1	2.8 %
LMPD training	1	2.8 %
Special forces training	1	2.8 %
SCUBA training	1	2.8 %
Masters Swim program	2	5.6 %
Other	3	8.3 %
Total	100	

Q6b-30. Other:

Q6b-30. Other	Number	Percent
Hike, bike, and paddle, Garvin Brown Rowing Center	1	33.3 %
Lap swim	1	33.3 %
Water spray park at Shively park, City Hall	1	33.3 %
Total	3	100.0 %

Q7. Louisville charges daily user fees of \$3 per visit for adults and \$2 for children at the Outdoor pools.
Please check the statement that best indicates your feelings about these fees.

Q7. Which best indicates your feelings about these

fees	Number	Percent
Too high	81	10.1 %
About right	576	71.9 %
Too low	75	9.4 %
Not provided	69	8.6 %
Total	801	100.0 %

WITHOUT NOT PROVIDED

Q7. Louisville charges daily user fees of \$3 per visit for adults and \$2 for children at the Outdoor pools.
Please check the statement that best indicates your feelings about these fees. (without "not provided")

Q7. Which best indicates your feelings about these

fees	Number	Percent
Too high	81	11.1 %
About right	576	78.7 %
Too low	75	10.2 %
Total	732	100.0 %

Q8. Which of the following options best describes your interest in swimming pools and programs?

Q8. Which options best describe your interest in swimming pools & programs

	Number	Percent
Recreational	522	65.2 %
Competitive	34	4.2 %
Exercise	368	45.9 %
Not interested	141	17.6 %
Total	1065	

Q9. What is the maximum length you would be willing to travel to attend aquatic programs or use swimming pools?

Q9. Maximum length you would be willing to travel to attend aquatic programs or use swimming pools

	Number	Percent
0-5 minutes	57	7.1 %
5-10 minutes	120	15.0 %
10-15 minutes	272	34.0 %
15-30 minutes	221	27.6 %
30+ minutes	44	5.5 %
Not provided	87	10.9 %
Total	801	100.0 %

WITHOUT NOT PROVIDED**Q9. What is the maximum length you would be willing to travel to attend aquatic programs or use swimming pools? (without "not provided")**

Q9. Maximum length you would be willing to travel to attend aquatic programs or use swimming pools

	Number	Percent
0-5 minutes	57	8.0 %
5-10 minutes	120	16.8 %
10-15 minutes	272	38.1 %
15-30 minutes	221	31.0 %
30+ minutes	44	6.2 %
Total	714	100.0 %

Q10. Please CHECK ALL the ways in which you or other members of your household travel to swimming pools in Louisville most often.

Q10. All the ways in which your household travel to swimming pools in Louisville most often

	Number	Percent
Car/truck	659	82.3 %
Public transportation (TARC)	45	5.6 %
Bicycle	67	8.4 %
Walk	122	15.2 %
Organization bus or van (church, daycare, etc.)	15	1.9 %
Other	6	0.7 %
Total	914	

Q10-6. Other:

Q10-6. Other	Number	Percent
Golf cart	2	33.3 %
Motorcycle	1	16.7 %
Rideshare	1	16.7 %
Skateboard	1	16.7 %
Uber	1	16.7 %
Total	6	100.0 %

Q11. Please CHECK ALL the ways you learn about aquatic programs or activities.

Q11. All the ways you learn about aquatic programs or activities

	Number	Percent
Newspaper	89	11.1 %
Parks & Recreation brochure	71	8.9 %
Word of mouth/referred by a friend	443	55.3 %
Parks & Recreation Department website	168	21.0 %
Social media	354	44.2 %
Call Parks & Recreation office	55	6.9 %
Other	37	4.6 %
Total	1217	

Q12(1-13). Improvements at All Outdoor Pools: The following are actions that Louisville Parks and Recreation may consider to improve aquatic facilities and services. Please rate your level of support for each action using a scale of 1 to 3, where 3 is "Very Supportive" and 1 is "Not Supportive."

(N=801)

	Very supportive	Somewhat supportive	Not supportive	Not sure
Q12-1. Upgrade pool houses/bathhouses/restrooms	62.7%	20.3%	3.7%	13.2%
Q12-2. Provide additional shade	57.1%	24.7%	3.7%	14.5%
Q12-3. Provide more shallow water	32.6%	35.5%	8.1%	23.8%
Q12-4. Provide additional landscaping at pools	26.6%	37.3%	14.5%	21.6%
Q12-5. Provide additional lawn space	28.6%	38.7%	10.1%	22.6%
Q12-6. Install zero depth pool entry (beach-like gentle slope to pool)	45.6%	27.8%	8.5%	18.1%
Q12-7. Add/improve concessions	40.8%	33.3%	7.9%	18.0%
Q12-8. Develop additional parking	35.6%	36.1%	8.0%	20.3%
Q12-9. Schedule movie nights	31.7%	30.7%	13.9%	23.7%
Q12-10. Add security cameras	69.4%	15.2%	2.7%	12.6%
Q12-11. Provide Wi-Fi service	44.6%	26.2%	14.1%	15.1%
Q12-12. Increase lighting	52.8%	25.2%	4.1%	17.9%
Q12-13. Provide more seating areas/lounge chairs	55.6%	24.7%	4.5%	15.2%

Q12(14-19). Improvements at Some or New Outdoor Pools: The following are actions that Louisville Parks and Recreation may consider to improve aquatic facilities and services. Please rate your level of support for each action using a scale of 1 to 3, where 3 is "Very Supportive" and 1 is "Not Supportive."

(N=801)

	Very supportive	Somewhat supportive	Not supportive	Not sure
Q12-14. Develop new family aquatic centers with modern amenities	56.9%	23.7%	4.5%	14.9%
Q12-15. Install waterslides	33.8%	32.8%	14.5%	18.9%
Q12-16. Develop a lazy river	41.2%	25.0%	15.4%	18.5%
Q12-17. Lengthen swim season	49.7%	25.2%	7.5%	17.6%
Q12-18. Add pool heaters	35.5%	26.8%	19.5%	18.2%
Q12-19. Develop more splash pads/spraygrounds in neighborhoods without pools	59.2%	19.0%	7.2%	14.6%

Q12(20-24). Indoor Facilities-Mary T. Meagher or a New Facility: The following are actions that Louisville Parks and Recreation may consider to improve aquatic facilities and services. Please rate your level of support for each action using a scale of 1 to 3, where 3 is "Very Supportive" and 1 is "Not Supportive."

(N=801)

	Very supportive	Somewhat supportive	Not supportive	Not sure
Q12-20. Develop a lap/competition pool	27.6%	31.6%	9.1%	31.7%
Q12-21. Develop a recreational pool (shallow water, play features, slides)	39.7%	29.5%	7.7%	23.1%
Q12-22. Develop a warm water therapy pool (water aerobics, water fitness)	51.2%	23.2%	5.6%	20.0%
Q12-23. Develop diving area	20.5%	31.1%	19.5%	29.0%
Q12-24. Develop a current channel	16.6%	24.3%	16.1%	42.9%

Q13. Which THREE of the actions listed in Question 12 do you think should be the most important for the City of Louisville to provide?

<u>Q13. Top choice</u>	<u>Number</u>	<u>Percent</u>
Upgrade pool houses/bathhouses/restrooms	234	29.2 %
Provide additional shade	48	6.0 %
Provide more shallow water	14	1.7 %
Provide additional landscaping at pools	3	0.4 %
Provide additional lawn space	2	0.2 %
Install zero depth pool entry (beach-like gentle slope to pool)	33	4.1 %
Add/improve concessions	14	1.7 %
Develop additional parking	2	0.2 %
Schedule movie nights	8	1.0 %
Add security cameras	108	13.5 %
Provide Wi-Fi service	4	0.5 %
Increase lighting	7	0.9 %
Provide more seating areas/lounge chairs	8	1.0 %
Develop new family aquatic centers with modern amenities	78	9.7 %
Install waterslides	7	0.9 %
Develop a lazy river	17	2.1 %
Lengthen swim season	13	1.6 %
Add pool heaters	5	0.6 %
Develop more splash pads/spraygrounds in neighborhoods without pools	35	4.4 %
Develop a lap/competition pool	8	1.0 %
Develop a recreational pool (shallow water, play features, slides)	5	0.6 %
Develop a warm water therapy pool (water aerobics, water fitness)	16	2.0 %
Develop diving area	2	0.2 %
<u>None chosen</u>	<u>130</u>	<u>16.2 %</u>
Total	801	100.0 %

Q13. Which THREE of the actions listed in Question 12 do you think should be the most important for the City of Louisville to provide?

<u>Q13. 2nd choice</u>	<u>Number</u>	<u>Percent</u>
Upgrade pool houses/bathhouses/restrooms	91	11.4 %
Provide additional shade	50	6.2 %
Provide more shallow water	37	4.6 %
Provide additional landscaping at pools	6	0.7 %
Provide additional lawn space	12	1.5 %
Install zero depth pool entry (beach-like gentle slope to pool)	51	6.4 %
Add/improve concessions	31	3.9 %
Develop additional parking	10	1.2 %
Schedule movie nights	10	1.2 %
Add security cameras	91	11.4 %
Provide Wi-Fi service	25	3.1 %
Increase lighting	29	3.6 %
Provide more seating areas/lounge chairs	26	3.2 %
Develop new family aquatic centers with modern amenities	33	4.1 %
Install waterslides	10	1.2 %
Develop a lazy river	21	2.6 %
Lengthen swim season	32	4.0 %
Add pool heaters	14	1.7 %
Develop more splash pads/spraygrounds in neighborhoods without pools	30	3.7 %
Develop a lap/competition pool	7	0.9 %
Develop a recreational pool (shallow water, play features, slides)	10	1.2 %
Develop a warm water therapy pool (water aerobics, water fitness)	19	2.4 %
Develop diving area	2	0.2 %
Develop a current channel	1	0.1 %
None chosen	153	19.1 %
Total	801	100.0 %

Q13. Which THREE of the actions listed in Question 12 do you think should be the most important for the City of Louisville to provide?

Q13. 3rd choice	Number	Percent
Upgrade pool houses/bathhouses/restrooms	47	5.9 %
Provide additional shade	43	5.4 %
Provide more shallow water	20	2.5 %
Provide additional landscaping at pools	7	0.9 %
Provide additional lawn space	5	0.6 %
Install zero depth pool entry (beach-like gentle slope to pool)	30	3.7 %
Add/improve concessions	46	5.7 %
Develop additional parking	16	2.0 %
Schedule movie nights	15	1.9 %
Add security cameras	85	10.6 %
Provide Wi-Fi service	29	3.6 %
Increase lighting	22	2.7 %
Provide more seating areas/lounge chairs	33	4.1 %
Develop new family aquatic centers with modern amenities	34	4.2 %
Install waterslides	14	1.7 %
Develop a lazy river	28	3.5 %
Lengthen swim season	29	3.6 %
Add pool heaters	13	1.6 %
Develop more splash pads/spraygrounds in neighborhoods without pools	38	4.7 %
Develop a lap/competition pool	6	0.7 %
Develop a recreational pool (shallow water, play features, slides)	20	2.5 %
Develop a warm water therapy pool (water aerobics, water fitness)	36	4.5 %
Develop diving area	4	0.5 %
Develop a current channel	2	0.2 %
None chosen	179	22.3 %
Total	801	100.0 %

SUM OF TOP 3 CHOICES**Q13. Which THREE of the actions listed in Question 12 do you think should be the most important for the City of Louisville to provide? (top 3)**

Q13. Sum of Top 3 Choices	Number	Percent
Upgrade pool houses/bathhouses/restrooms	372	46.4 %
Provide additional shade	141	17.6 %
Provide more shallow water	71	8.9 %
Provide additional landscaping at pools	16	2.0 %
Provide additional lawn space	19	2.4 %
Install zero depth pool entry (beach-like gentle slope to pool)	114	14.2 %
Add/improve concessions	91	11.4 %
Develop additional parking	28	3.5 %
Schedule movie nights	33	4.1 %
Add security cameras	284	35.5 %
Provide Wi-Fi service	58	7.2 %
Increase lighting	58	7.2 %
Provide more seating areas/lounge chairs	67	8.4 %
Develop new family aquatic centers with modern amenities	145	18.1 %
Install waterslides	31	3.9 %
Develop a lazy river	66	8.2 %
Lengthen swim season	74	9.2 %
Add pool heaters	32	4.0 %
Develop more splash pads/spraygrounds in neighborhoods without pools	103	12.9 %
Develop a lap/competition pool	21	2.6 %
Develop a recreational pool (shallow water, play features, slides)	35	4.4 %
Develop a warm water therapy pool (water aerobics, water fitness)	71	8.9 %
Develop diving area	8	1.0 %
Develop a current channel	3	0.4 %
None chosen	130	16.2 %
Total	2071	

Q14. Would you be willing to pay higher fees for a facility that included the improvements you indicated in Question 13?

Q14. Would you be willing to pay higher fees for a facility

	Number	Percent
Yes	557	69.5 %
No	143	17.9 %
Not provided	101	12.6 %
Total	801	100.0 %

WITHOUT NOT PROVIDED

Q14. Would you be willing to pay higher fees for a facility that included the improvements you indicated in Question 13? (without "not provided")

Q14. Would you be willing to pay higher fees for a facility

	Number	Percent
Yes	557	79.6 %
No	143	20.4 %
Total	700	100.0 %

Q14a. How much more would you be willing to pay per visit?

Q14a. How much more would you be willing to

pay per visit	Number	Percent
\$1	59	10.6 %
\$2	140	25.1 %
\$3	87	15.6 %
\$4	35	6.3 %
\$5	182	32.7 %
More	43	7.7 %
Not provided	11	2.0 %
Total	557	100.0 %

WITHOUT NOT PROVIDED**Q14a. How much more would you be willing to pay per visit? (without "not provided")**

Q14a. How much more would you be willing to

pay per visit	Number	Percent
\$1	59	10.8 %
\$2	140	25.6 %
\$3	87	15.9 %
\$4	35	6.4 %
\$5	182	33.3 %
More	43	7.9 %
Total	546	100.0 %

Q14a-6. How much more?

<u>Q14a-6. What amount would you be willing to pay</u>	<u>Number</u>	<u>Percent</u>
1	1	2.6 %
6	3	7.9 %
7	6	15.8 %
8	5	13.2 %
10	20	52.6 %
12	1	2.6 %
15	1	2.6 %
25	1	2.6 %
Total	38	100.0 %

Q15. Have you or members of your household visited a sprayground/splash pad (a water play area with spray features and no standing water) over the past 12 months?

<u>Q15. Has your household visited a sprayground/ splash pad over past 12 months</u>	<u>Number</u>	<u>Percent</u>
Yes	283	35.3 %
No	518	64.7 %
Total	801	100.0 %

Q16. Please indicate if you or any member of your household has a need for each of the recreation programs listed below.

(N=801)

	Yes	No
Q16-1. Youth Learn to Swim programs	30.0%	70.0%
Q16-2. Adult Learn to Swim programs	21.6%	78.4%
Q16-3. Preschool Swim programs	17.2%	82.8%
Q16-4. Triathlon training	2.6%	97.4%
Q16-5. Snorkeling/scuba diving classes	13.0%	87.0%
Q16-6. Water Safety Instructor courses	14.7%	85.3%
Q16-7. Lifeguard training	14.5%	85.5%
Q16-8. Lap swim times	13.7%	86.3%
Q16-9. Pool rentals	12.1%	87.9%
Q16-10. Adult swim teams	3.7%	96.3%
Q16-11. Youth swim teams	8.5%	91.5%
Q16-12. Water fitness classes	39.2%	60.8%
Q16-13. Aquatic events	8.7%	91.3%
Q16-14. Senior aquatic programs	23.5%	76.5%
Q16-15. Therapeutic programs	25.2%	74.8%
Q16-16. Diving programs	3.6%	96.4%
Q16-17. Kayaking classes	10.0%	90.0%
Q16-18. Team water sports (basketball, polo, volleyball, etc.)	7.6%	92.4%
Q16-19. First Aid training	19.0%	81.0%
Q16-20. Family Fun Nights	28.6%	71.4%
Q16-21. Other	1.2%	98.8%

Q16. If "Yes," please rate the following recreation programs using a scale of 1 to 5, where 5 means the needs of your household are "100% Met" and 1 means "0% Met."

(N=634)

	100% met	75% met	50% met	25% met	0% met
Q16-1. Youth Learn to Swim programs	15.5%	14.4%	16.5%	19.6%	34.0%
Q16-2. Adult Learn to Swim programs	16.7%	6.8%	12.9%	19.7%	43.9%
Q16-3. Preschool Swim programs	17.9%	5.7%	18.9%	18.9%	38.7%
Q16-4. Triathlon training	20.0%	6.7%	33.3%	6.7%	33.3%
Q16-5. Snorkeling/scuba diving classes	7.7%	7.7%	9.0%	10.3%	65.4%
Q16-6. Water Safety Instructor courses	17.0%	9.1%	15.9%	13.6%	44.3%
Q16-7. Lifeguard training	21.6%	9.1%	17.0%	15.9%	36.4%
Q16-8. Lap swim times	16.5%	13.9%	20.3%	24.1%	25.3%
Q16-9. Pool rentals	15.3%	6.9%	12.5%	18.1%	47.2%
Q16-10. Adult swim teams	11.5%	11.5%	11.5%	7.7%	57.7%
Q16-11. Youth swim teams	16.1%	8.9%	21.4%	12.5%	41.1%
Q16-12. Water fitness classes	9.1%	10.4%	18.7%	18.7%	43.0%
Q16-13. Aquatic events	12.1%	13.8%	12.1%	17.2%	44.8%
Q16-14. Senior aquatic programs	12.7%	7.9%	20.6%	18.3%	40.5%
Q16-15. Therapeutic programs	9.0%	6.3%	13.9%	22.2%	48.6%
Q16-16. Diving programs	19.0%	0.0%	19.0%	14.3%	47.6%
Q16-17. Kayaking classes	7.1%	3.6%	7.1%	7.1%	75.0%
Q16-18. Team water sports (basketball, polo, volleyball, etc.)	11.6%	0.0%	2.3%	25.6%	60.5%
Q16-19. First Aid training	19.8%	5.0%	9.9%	18.8%	46.5%
Q16-20. Family Fun Nights	12.4%	4.1%	11.2%	20.0%	52.4%
Q16-21. Other	22.2%	0.0%	0.0%	0.0%	77.8%

Q16-21. Other:

<u>Q16-21. Other</u>	<u>Number</u>	<u>Percent</u>
More pools	1	14.3 %
Movie night	1	14.3 %
Neighborhood community space	1	14.3 %
Rentals for private events	1	14.3 %
Safe driving classes	1	14.3 %
Spend money on police	1	14.3 %
Walking lanes	1	14.3 %
Total	7	100.0 %

Q17. Which THREE of the programs from the list in Question 16 are MOST IMPORTANT to your household?

<u>Q17. Top choice</u>	<u>Number</u>	<u>Percent</u>
Youth Learn to Swim programs	158	19.7 %
Adult Learn to Swim programs	51	6.4 %
Preschool Swim programs	37	4.6 %
Triathlon training	4	0.5 %
Snorkeling/scuba diving classes	13	1.6 %
Water Safety Instructor courses	21	2.6 %
Lifeguard training	14	1.7 %
Lap swim times	31	3.9 %
Pool rentals	11	1.4 %
Adult swim teams	2	0.2 %
Youth swim teams	6	0.7 %
Water fitness classes	86	10.7 %
Aquatic events	1	0.1 %
Senior aquatic programs	54	6.7 %
Therapeutic programs	35	4.4 %
Diving programs	1	0.1 %
Kayaking classes	7	0.9 %
Team water sports (basketball, polo, volleyball, etc.)	4	0.5 %
First Aid training	14	1.7 %
Family Fun Nights	45	5.6 %
Other	9	1.1 %
None chosen	197	24.6 %
Total	801	100.0 %

Q17. Which THREE of the programs from the list in Question 16 are MOST IMPORTANT to your household?

Q17. 2nd choice	Number	Percent
Youth Learn to Swim programs	46	5.7 %
Adult Learn to Swim programs	57	7.1 %
Preschool Swim programs	46	5.7 %
Triathlon training	3	0.4 %
Snorkeling/scuba diving classes	14	1.7 %
Water Safety Instructor courses	21	2.6 %
Lifeguard training	28	3.5 %
Lap swim times	25	3.1 %
Pool rentals	14	1.7 %
Adult swim teams	7	0.9 %
Youth swim teams	11	1.4 %
Water fitness classes	76	9.5 %
Aquatic events	16	2.0 %
Senior aquatic programs	49	6.1 %
Therapeutic programs	57	7.1 %
Kayaking classes	16	2.0 %
Team water sports (basketball, polo, volleyball, etc.)	10	1.2 %
First Aid training	27	3.4 %
Family Fun Nights	39	4.9 %
Other	4	0.5 %
None chosen	235	29.3 %
Total	801	100.0 %

Q17. Which THREE of the programs from the list in Question 16 are MOST IMPORTANT to your household?

Q17. 3rd choice	Number	Percent
Youth Learn to Swim programs	21	2.6 %
Adult Learn to Swim programs	22	2.7 %
Preschool Swim programs	29	3.6 %
Triathlon training	5	0.6 %
Snorkeling/scuba diving classes	21	2.6 %
Water Safety Instructor courses	31	3.9 %
Lifeguard training	26	3.2 %
Lap swim times	15	1.9 %
Pool rentals	14	1.7 %
Adult swim teams	5	0.6 %
Youth swim teams	12	1.5 %
Water fitness classes	66	8.2 %
Aquatic events	9	1.1 %
Senior aquatic programs	22	2.7 %
Therapeutic programs	40	5.0 %
Diving programs	1	0.1 %
Kayaking classes	15	1.9 %
Team water sports (basketball, polo, volleyball, etc.)	9	1.1 %
First Aid training	25	3.1 %
Family Fun Nights	62	7.7 %
Other	2	0.2 %
None chosen	349	43.6 %
Total	801	100.0 %

SUM OF TOP 3 CHOICES**Q17. Which THREE of the programs from the list in Question 16 are MOST IMPORTANT to your household? (top 3)**

<u>Q17. Sum of Top 3 Choices</u>	<u>Number</u>	<u>Percent</u>
Youth Learn to Swim programs	225	28.1 %
Adult Learn to Swim programs	130	16.2 %
Preschool Swim programs	112	14.0 %
Triathlon training	12	1.5 %
Snorkeling/scuba diving classes	48	6.0 %
Water Safety Instructor courses	73	9.1 %
Lifeguard training	68	8.5 %
Lap swim times	71	8.9 %
Pool rentals	39	4.9 %
Adult swim teams	14	1.7 %
Youth swim teams	29	3.6 %
Water fitness classes	228	28.5 %
Aquatic events	26	3.2 %
Senior aquatic programs	125	15.6 %
Therapeutic programs	132	16.5 %
Diving programs	2	0.2 %
Kayaking classes	38	4.7 %
Team water sports (basketball, polo, volleyball, etc.)	23	2.9 %
First Aid training	66	8.2 %
Family Fun Nights	146	18.2 %
Other	15	1.9 %
None chosen	197	24.6 %
Total	1819	

Q18. Please CHECK ALL the reasons that prevent you or other members of your household from using swimming pools and programs offered by Louisville Parks and Recreation more often.

Q18. All the reasons that prevent your household from using swimming pools & programs more often	Number	Percent
Do not want to swim	73	9.1 %
Unable to swim	89	11.1 %
Use private pools at a residence	160	20.0 %
Use private club or neighborhood/HOA pool	118	14.7 %
Programs I want are not offered	102	12.7 %
Facilities don't have right equipment	41	5.1 %
Security is insufficient	157	19.6 %
Lack of quality programs	83	10.4 %
There is not a pool close enough to my home	187	23.3 %
Lack of transportation to a pool	29	3.6 %
Classes are full	21	2.6 %
Fees are too high	74	9.2 %
Program times are not convenient	77	9.6 %
Personal disability	48	6.0 %
Use facilities outside of Louisville	15	1.9 %
Facilities are not well maintained	129	16.1 %
Poor customer service by staff	50	6.2 %
I do not know locations of facilities	94	11.7 %
I do not know what is being offered	161	20.1 %
Facilities operating hours are not convenient	55	6.9 %
Registration for programs is difficult	13	1.6 %
Availability of parking	29	3.6 %
Safety concerns	157	19.6 %
Pools are too crowded	185	23.1 %
Lack of indoor facilities/programs	71	8.9 %
Facilities are not clean	109	13.6 %
Facilities are outdated	132	16.5 %
Other	53	6.6 %
Total	2512	

Q19. Counting yourself, how many people live in your household?

<u>Q19. How many people live in your household</u>	<u>Number</u>	<u>Percent</u>
1	149	18.6 %
2	268	33.5 %
3	129	16.1 %
4	117	14.6 %
5	39	4.9 %
6	24	3.0 %
7+	21	2.6 %
Not provided	54	6.7 %
Total	801	100.0 %

WITHOUT NOT PROVIDED**Q19. Counting yourself, how many people live in your household? (without "not provided")**

<u>Q19. How many people live in your household</u>	<u>Number</u>	<u>Percent</u>
1	149	19.9 %
2	268	35.9 %
3	129	17.3 %
4	117	15.7 %
5	39	5.2 %
6	24	3.2 %
7+	21	2.8 %
Total	747	100.0 %

Q20. Counting yourself, how many people in your household are of the following ages?

	Mean	Sum
number	2.76	2062
Under 5 years	0.13	97
5-9 years	0.19	143
10-14 years	0.21	158
15-19 years	0.20	153
20-24 years	0.14	101
25-34 years	0.18	136
35-44 years	0.34	253
45-54 years	0.45	338
55-64 years	0.47	351
65-74 years	0.29	213
75-84 years	0.14	103
85+ years	0.02	16

Q21. Your gender:

Q21. Your gender	Number	Percent
Male	379	47.3 %
Female	388	48.4 %
Non-binary	6	0.7 %
Prefer not to disclose	28	3.5 %
Total	801	100.0 %

Q22. What is your age?

<u>Q22. Your age</u>	<u>Number</u>	<u>Percent</u>
18-34	168	21.0 %
35-44	156	19.5 %
45-54	158	19.7 %
55-64	160	20.0 %
65+	131	16.4 %
Not provided	28	3.5 %
Total	801	100.0 %

WITHOUT NOT PROVIDED**Q22. What is your age? (without "not provided")**

<u>Q22. Your age</u>	<u>Number</u>	<u>Percent</u>
18-34	168	21.7 %
35-44	156	20.2 %
45-54	158	20.4 %
55-64	160	20.7 %
65+	131	16.9 %
Total	773	100.0 %

Q23. Which of the following best describes the total annual income of everyone in your household combined?

Q23. Total annual income of everyone in your household combined	Number	Percent
Under \$35K	120	15.0 %
\$35K to \$74,999	195	24.3 %
\$75K to \$99,999	103	12.9 %
\$100K to \$149,999	86	10.7 %
\$150K to \$199,999	51	6.4 %
\$200K+	38	4.7 %
Prefer not to answer	208	26.0 %
Total	801	100.0 %

Q24. Which of the following best describes your race?

Q24. Which following best describes your race	Number	Percent
Asian or Asian Indian	25	3.1 %
Black or African American	175	21.8 %
American Indian or Alaska Native	6	0.7 %
White	562	70.2 %
Hispanic, Spanish, or Latino/a/x	46	5.7 %
Other	9	1.1 %
Total	823	

Q24-6. Self-describe your race:

Q24-6. Self-describe your race	Number	Percent
Caucasian	1	11.1 %
European	1	11.1 %
Irish	1	11.1 %
Mixed	2	22.2 %
More than one	1	11.1 %
Multi-racial	1	11.1 %
Scot/Irish	1	11.1 %
White/Indian	1	11.1 %
Total	9	100.0 %

Q25. What are the predominant languages spoken in your household?

Q25. Predominant languages spoken in your household	Number	Percent
English	736	91.9 %
Spanish	14	1.7 %
Arabic	3	0.4 %
Somali	2	0.2 %
Swahili	3	0.4 %
Nepali	1	0.1 %
Other	5	0.6 %
Total	764	

Q25-7. Other:

Q25-7. Other	Number	Percent
Bulgarian and Russian	1	20.0 %
German and Finnish	1	20.0 %
Hebrew/Yiddish	1	20.0 %
Russian	1	20.0 %
Vietnamese	1	20.0 %
Total	5	100.0 %

Q26. Do you own or have access to a car whenever you need it?

Q26. Do you own or have access to a car whenever you need it	Number	Percent
Yes	717	89.5 %
No	20	2.5 %
Not provided	64	8.0 %
Total	801	100.0 %

WITHOUT NOT PROVIDED**Q26. Do you own or have access to a car whenever you need it? (without "not provided")**

Q26. Do you own or have access to a car whenever you need it	Number	Percent
Yes	717	97.3 %
No	20	2.7 %
Total	737	100.0 %

05

Survey Instrument



***A Few Minutes of Your Time Will Help Make Louisville a
Better Place to Live, Work and Play!***

Dear Louisville Resident:

This year, Louisville Metro is undertaking a comprehensive study of its **pools and aquatic facilities** to establish an Aquatics Master Plan. We will be looking at our current pools, facilities and programs and planning for future needs.

The enclosed survey is a crucial part of the Master Plan process and will serve as a tool in helping us make the best decisions regarding the needs and desires of the community.

Your household was one of a limited number selected at random to receive it. The survey take only about 10 minutes to complete. *Your response will remain confidential.*

We have selected ETC Institute, an independent consulting company, to compile the confidential data received, and present the results to the Louisville Parks and Recreation Department. ***Please return your completed survey within 2 weeks*** in the enclosed postage-paid envelope addressed to ETC Institute, 725 W. Frontier Circle, Olathe, KS 66061.

If you would like to take the survey online, you may do so at www.LouisvillePoolSurvey.org.

For more information, please contact Louisville Parks and Recreation Assistant Director, Jason Canuel, at 502/574-6086.

Sincerely,

Margaret Brosko
Acting Director
Louisville Parks and Recreation Department

Si usted tiene preguntas o no habla ingles, por favor llame al 1-844-811-0411. Usted tambi'en puede tomar la revisio'on en linea en www.LouisvillePoolSurvey.org.

Louisville Parks and Recreation would like your input to help determine priorities for swimming pools and programs for the City of Louisville. The survey results will be used in the Louisville Aquatics Master Plan, along with the results from several public workshops, to determine our residents' needs and priorities. This survey will take approximately 10 minutes to complete. When you are finished, please return your survey in the enclosed postage-paid, return-reply envelope. We greatly appreciate your time.

1. **From the following list, please CHECK ALL of the OUTDOOR aquatic facilities that you or members of your household have visited in the past TWO years.**

City of Louisville Outdoor Pools:

- ____ (01) Algonquin Park Pool
 ____ (02) Nelson Hornbeck Park (Fairdale)
 ____ (03) Sun Valley Park
 ____ (04) Norton Pool - Camp Taylor Park (Closed)

Public Pools by Others:

- ____ (05) E.P. Tom Sawyer State Park
 ____ (06) Douglass Hills Pool
 ____ (07) Kentucky Kingdom

Private Pools:

- ____ (08) Lakeside Swim Club
 ____ (09) Calypso Cove Water Park (Northeast YMCA)
 ____ (10) Southwest YMCA
 ____ (11) Private Swim Clubs
 ____ (12) Homeowners Association Pools

- ____ (13) Neighborhood Pools with Membership Required
 ____ (14) Country Clubs
 ____ (15) Jewish Community Center
 ____ (16) Other: _____

Outside of Louisville:

- ____ (17) Oldham County Aquatic Center
 ____ (18) Clarksville Cove Family Aquatic Center
 ____ (19) Juniper Hill Family Aquatic Center (Frankfort)
 ____ (20) Mount Washington Public Pool
 ____ (21) South Harrison Park Pool (Laconia IN)
 ____ (22) Jeffersonville Aquatic Center
 ____ (23) River Run Family Waterpark (New Albany, IN)
 ____ (24) Other: _____
 ____ (25) None

2. **Which three of the facilities from the list in Question #1 did you VISIT THE MOST in the last 2 years?** *[Write in your answers below using the numbers from the list in Question 1, or circle "NONE."]*

1st: _____ 2nd: _____ 3rd: _____ NONE

3. **Which of the outdoor aquatic facilities is closest to your home?** *[Please write in the number of the pool listed in Question 1 that is closest to your home.]*

Outdoor Pool: _____

4. **From the following list, please CHECK ALL of the INDOOR aquatic facilities that you or members of your household have visited in the past 12 months.**

City of Louisville Indoor Aquatics:

- ____ (01) Mary T. Meagher Aquatic Center

Private Indoor Pools:

- ____ (02) Louisville JCC
 ____ (03) Private Club or Fitness Facility
 ____ (04) Republic Bank Foundation YMCA
 ____ (05) Southeast Family YMCA
 ____ (06) Downtown Family YMCA

- ____ (07) Northeast Family YMCA
 ____ (08) Southwest Family YMCA

Universities:

- ____ (09) Ralph Wright Natatorium at the University of Louisville

JCPS Pools:

- ____ (10) Central High School
 ____ (11) Academy @ Shawnee
 ____ (12) Other: _____

- 5. Have you or any member of your household visited any of the outdoor aquatic facilities offered by Louisville Parks and Recreation (Algonquin, Nelson Hornbeck (Fairdale), Sun Valley, Norton Pool (Camp Taylor Park)) during the past 2 years?**

____(1) Yes [Answer Q5a-c.] ____ (2) No [Skip to Q6.]

- 5a. Approximately how often did you or members of your household visit those facilities in Louisville during the past year?**

____(1) 1 to 5 visits ____ (3) 11 to 19 visits ____ (9) Don't know
____(2) 6 to 10 visits ____ (4) 20 or more visits

- 5b. Overall, how would you rate the physical condition of the facilities you have visited?**

____(4) Excellent ____ (3) Good ____ (2) Fair ____ (1) Poor

- 5c. Do you have any comments concerning the physical condition of the facilities you have visited?**

- 6. Have you or members of your household participated in any aquatic programs offered by Louisville Parks and Recreation over the past 12 months?**

____(1) Yes [Answer Q6a-b.] ____ (2) No [Skip to Q7.]

- 6a. How would you rate the quality of the programs in which you or members of your household participated?**

____(4) Excellent ____ (3) Good ____ (2) Fair ____ (1) Poor

- 6b. Please indicate which programs or services you or family members attended.**

____ (01) Pool Rentals	____ (17) Family Fun Nights
____ (02) Aqua Exercise Class	____ (18) Trunk-R-Treat
____ (03) Aqua Cardio Class	____ (19) Camp Quality Toy Drive
____ (04) M.S. & Related Conditions Aqua Class	____ (20) Lifeguard Training
____ (05) Aqua Bootcamp	____ (21) CPR/AED/First Aid
____ (06) Warm Water Aqua Class	
____ (07) Silver Sneakers Aqua Class	Partner Led Programs:
____ (08) Land Boot Camp	____ (22) Summer Swim Club by Louisville Sports Commission
____ (09) Silver Sneakers Classic	____ (23) ISR Infant Swim
____ (10) Silver Sneakers Cardio fit	____ (24) Bellarmine University Swim Team / Meets
____ (11) Silver Sneakers Yoga	____ (25) Lakeside Seahawks Swim Team / Meets
____ (12) Baby Splash	____ (26) LMPD Training
____ (13) Preschool Swim Lessons	____ (27) Special Forces Training
____ (14) Grade School Swim Lessons	____ (28) SCUBA Training
____ (15) Adult Swim Lessons	____ (29) Masters Swim Program
____ (16) Swim to Win Triathlon	____ (30) Other: _____

- 7. Louisville charges daily user fees of \$3 per visit for adults and \$2 for children at the Outdoor Pools. Please check the statement that best indicates your feelings about these fees.**

____(1) Too high ____ (2) About right ____ (3) Too low

- 8. Which of the following options best describes your interest in swimming pools and programs? [Check all that apply.]**

____(1) Recreational ____ (2) Competitive ____ (3) Exercise ____ (4) Not interested

9. What is the maximum length you would be willing to travel to attend aquatic programs or use swimming pools?

- ☐ (1) 0-5 minutes ☐ (3) 10-15 minutes ☐ (5) Over 30 minutes
☐ (2) 5-10 minutes ☐ (4) 15-30 minutes

10. Please CHECK ALL the ways in which you or other members of your household travel to swimming pools in Louisville most often.

- ☐ (1) Car/Truck ☐ (4) Walk
☐ (2) Public transportation (TARC) ☐ (5) Organization bus or van (church, daycare, etc.)
☐ (3) Bicycle ☐ (6) Other: _____

11. Please CHECK ALL the ways you learn about aquatic programs or activities.

- ☐ (1) Newspaper ☐ (5) Social media
☐ (2) Parks and Recreation brochure ☐ (6) Call the Parks and Recreation office
☐ (3) Word of mouth/referred by a friend ☐ (7) Other : _____
☐ (4) Parks and Recreation Department website

12. The following are actions that Louisville Parks and Recreation may consider to improve aquatic facilities and services. Please rate your level of support for each action using a scale of 1 to 3, where 3 is "Very Supportive" and 1 is "Not Supportive."

Improvements at All Outdoor Pools:		Very Supportive	Somewhat Supportive	Not Supportive	Not Sure
01. Upgrade pool houses/bathhouses/restrooms		3	2	1	9
02. Provide additional shade		3	2	1	9
03. Provide more shallow water		3	2	1	9
04. Provide additional landscaping at pools		3	2	1	9
05. Provide additional lawn space		3	2	1	9
06. Install zero depth pool entry (beach-like gentle slope to pool)		3	2	1	9
07. Add/improve concessions		3	2	1	9
08. Develop additional parking		3	2	1	9
09. Schedule movie nights		3	2	1	9
10. Add security cameras		3	2	1	9
11. Provide Wi-Fi service		3	2	1	9
12. Increase lighting		3	2	1	9
13. Provide more seating areas/lounge chairs		3	2	1	9
Improvements at Some or New Outdoor Pools					
14. Develop new family aquatic centers with modern amenities		3	2	1	9
15. Install waterslides		3	2	1	9
16. Develop a lazy river		3	2	1	9
17. Lengthen the swim season		3	2	1	9
18. Add pool heaters		3	2	1	9
19. Develop more splash pads/spraygrounds in neighborhoods without pools		3	2	1	9
Indoor Facilities - Mary T. Meagher or a New Facility:					
20. Develop a lap/competition pool		3	2	1	9
21. Develop a recreational pool (shallow water, play features, slides)		3	2	1	9
22. Develop a warm water therapy pool (water aerobics, water fitness)		3	2	1	9
23. Develop diving area		3	2	1	9
24. Develop a current channel		3	2	1	9
Indoor or Outdoor:					
25. Other: _____		3	2	1	9

13. Which **THREE** of the actions listed in Question 12 do you think should be the most important for the City of Louisville to provide? [Write in your answers below using the numbers from the list in Question 12, or circle "NONE."]

1st: ____ 2nd: ____ 3rd: ____ NONE

14. Would you be willing to pay higher fees for a facility that included the improvements you indicated in Question #13?

____(1) Yes [Answer Q14a.] ____ (2) No [Skip to Q15.]

- 14a. How much more would you be willing to pay per visit?

____(1) \$1 ____ (2) \$2 ____ (3) \$3 ____ (4) \$4 ____ (5) \$5 ____ (6) More: ____

15. Have you or members of your household visited a sprayground/splash pad (a water play area with spray features and no standing water) over the past 12 months?

____(1) Yes ____ (2) No

16. Please indicate if you or any member of your household has a need for each of the recreation programs listed below by circling either "Yes" or "No" next to the recreation program. If "Yes," please rate the following recreation programs using a scale of 1 to 5, where 5 means the needs of your household are "100% Met" and 1 means "0% Met."

Type of Program		Do you have a need for this program?		If "Yes," how well are your needs being met by programs?				
		Yes	No	100% Met	75% Met	50% Met	25% Met	0% Met
01.	Youth Learn to Swim programs	Yes	No	5	4	3	2	1
02.	Adult Learn to Swim programs	Yes	No	5	4	3	2	1
03.	Preschool Swim programs	Yes	No	5	4	3	2	1
04.	Triathlon training	Yes	No	5	4	3	2	1
05.	Snorkeling/scuba diving classes	Yes	No	5	4	3	2	1
06.	Water Safety Instructor courses	Yes	No	5	4	3	2	1
07.	Lifeguard training	Yes	No	5	4	3	2	1
08.	Lap swim times	Yes	No	5	4	3	2	1
09.	Pool rentals	Yes	No	5	4	3	2	1
10.	Adult swim teams	Yes	No	5	4	3	2	1
11.	Youth swim teams	Yes	No	5	4	3	2	1
12.	Water Fitness classes	Yes	No	5	4	3	2	1
13.	Aquatic events	Yes	No	5	4	3	2	1
14.	Senior aquatic programs	Yes	No	5	4	3	2	1
15.	Therapeutic programs	Yes	No	5	4	3	2	1
16.	Diving programs	Yes	No	5	4	3	2	1
17.	Kayaking classes	Yes	No	5	4	3	2	1
18.	Team water sports (basketball, polo, volleyball, etc.)	Yes	No	5	4	3	2	1
19.	First Aid Training	Yes	No	5	4	3	2	1
20.	Family Fun Nights	Yes	No	5	4	3	2	1
21.	Other: _____	Yes	No	5	4	3	2	1

17. Which **THREE** of the programs from the list in Question 16 are **MOST IMPORTANT** to your household? [Write in your answers below using the numbers from the list in Question 16, or circle "NONE."]

1st: ____ 2nd: ____ 3rd: ____ NONE

18. Please CHECK ALL the reasons that prevent you or other members of your household from using swimming pools and programs offered by Louisville Parks and Recreation more often.

- | | |
|---|---|
| <input type="checkbox"/> (01) Do not want to swim | <input type="checkbox"/> (15) Use facilities outside of Louisville |
| <input type="checkbox"/> (02) Unable to swim | <input type="checkbox"/> (16) Facilities are not well maintained |
| <input type="checkbox"/> (03) Use private pools at a residence | <input type="checkbox"/> (17) Poor customer service by staff |
| <input type="checkbox"/> (04) Use private club or neighborhood/HOA pool | <input type="checkbox"/> (18) I do not know locations of facilities |
| <input type="checkbox"/> (05) Programs I want are not offered | <input type="checkbox"/> (19) I do not know what is being offered |
| <input type="checkbox"/> (06) Facilities don't have the right equipment | <input type="checkbox"/> (20) Facilities operating hours are not convenient |
| <input type="checkbox"/> (07) Security is insufficient | <input type="checkbox"/> (21) Registration for programs is difficult |
| <input type="checkbox"/> (08) Lack of quality programs | <input type="checkbox"/> (22) Availability of parking |
| <input type="checkbox"/> (09) There is not a pool close enough to my home | <input type="checkbox"/> (23) Safety concerns |
| <input type="checkbox"/> (10) Lack of transportation to a pool | <input type="checkbox"/> (24) Pools are too crowded |
| <input type="checkbox"/> (11) Classes are full | <input type="checkbox"/> (25) Lack of indoor facilities/programs |
| <input type="checkbox"/> (12) Fees are too high | <input type="checkbox"/> (26) Facilities are not clean |
| <input type="checkbox"/> (13) Program times are not convenient | <input type="checkbox"/> (27) Facilities are outdated |
| <input type="checkbox"/> (14) Personal disability | <input type="checkbox"/> (28) Other : _____ |

The following demographic information is being requested to validate the survey; all responses will remain confidential.

- 19. Counting yourself, how many people live in your household?** _____ people
- 20. Counting yourself, how many people in your household are of the following ages?**
- | | | | |
|----------------------|----------------------|----------------------|--------------------|
| Under 5 years: _____ | 15 - 19 years: _____ | 35 - 44 years: _____ | 65-74 years: _____ |
| 5 - 9 years: _____ | 20 - 24 years: _____ | 45 - 54 years: _____ | 75-84 years: _____ |
| 10 - 14 years: _____ | 25 - 34 years: _____ | 55 - 64 years: _____ | 85+ years: _____ |
- 21. Your gender:** _____(1) Male _____(2) Female _____(3) Non-binary _____(4) Prefer not to disclose
- 22. What is your age?** _____ years
- 23. Which of the following best describes the total annual income of everyone in your household combined?**
- | | | |
|---|---|---|
| <input type="checkbox"/> (1) Under \$35,000 | <input type="checkbox"/> (4) \$100,000 to \$149,999 | <input type="checkbox"/> (9) Prefer not to answer |
| <input type="checkbox"/> (2) \$35,000 to \$74,999 | <input type="checkbox"/> (5) \$150,000 to \$199,999 | |
| <input type="checkbox"/> (3) \$75,000 to \$99,999 | <input type="checkbox"/> (6) \$200,000 or more | |
- 24. Which of the following best describes your race? [Check all that apply.]**
- | | |
|--|--|
| <input type="checkbox"/> (01) Asian or Asian Indian | <input type="checkbox"/> (04) White |
| <input type="checkbox"/> (02) Black or African American | <input type="checkbox"/> (05) Hispanic, Spanish, or Latino/a/x |
| <input type="checkbox"/> (03) American Indian or Alaska Native | <input type="checkbox"/> (99) Other: _____ |
- 25. What are the predominant languages spoken in your household? [Check all that apply.]**
- | | | | |
|--------------------------------------|-------------------------------------|--------------------------------------|---|
| <input type="checkbox"/> (1) English | <input type="checkbox"/> (3) Arabic | <input type="checkbox"/> (5) Swahili | <input type="checkbox"/> (7) Other: _____ |
| <input type="checkbox"/> (2) Spanish | <input type="checkbox"/> (4) Somali | <input type="checkbox"/> (6) Nepali | |
- 26. Do you own or have access to a car whenever you need it?** _____(1) Yes _____(2) No

This concludes the survey. Thank you for your time.

Please return your completed survey in the enclosed return-reply envelope addressed to:

ETC Institute, 725 W. Frontier Circle, Olathe, KS 66061

Your responses will remain completely confidential. The information printed to the right will ONLY be used to help identify needs in different parts of the metro area. Thank you.

APPENDIX B - PUBLIC MEETING SUMMARIES

CONFERENCE MEMORANDUM LOUISVILLE AQUATIC STUDY PROJECT NO. 22021

Present: Keith Rodenhauer, Brandstetter Carroll Inc.
Patrick D. Hoagland, ASLA, Brandstetter Carroll Inc.



May 17, 2022

Four open houses were held on April 18, 21, 27 and 28 at four different locations. Approximately 50 residents attended these meetings. As people entered, they were given a dot to place on a map to illustrate where they lived. They were shown to three stations where they could provide input and then given dots to vote on their most important park features and programs (3 each). Participants were also given \$1,000 in play money to vote for improvements that should be made to parks. The following are the responses to the write in comments at each of the three stations. A ✓ indicates where a person agreed with a comment. BCI staff prepared the materials and facilitated the meetings.

Open House #1 – April 18, 2022 – Sun Valley Recreation Center

1. What makes Louisville pools great now?
 - They are open for the most part
 - Access for special needs
 - Mary T. Meagher is indoor and has therapy pool; most are outdoors
2. What would make them better?
 - More programming access
 - More pools for more neighborhoods, walkable, bikeable, accessible by bus
 - Swimming lessons
 - Low/no cost
 - Life guard training

Open House #2 – April 21, 2022 – Southwick Community Center

1. What makes Louisville pools great now?
 - Water fitness – music (R&B)
 - Swim lessons, baby classes
2. What would make them better?
 - Taylor Berry has no pool or anything good for family and kids off 7th Street Road
 - Longer pool hours/weeks into September if possible
 - Open on weekends in May/September
 - More lessons and team opportunities
 - Special area – special needs kids

Open House #3 – April 26, 2022 – Mary T. Meagher Aquatic Center

1. What makes Louisville pools great now?
 - Louisville pools provide a public place for water exercise/recreation
2. What would make them better?
 - Updated equipment to relieve constant maintenance

- Learn to swim for elementary kids (old Star Fish program)

Open House #4 – April 28, 2022 – Newburg Community Center

1. What makes Louisville pools great now?
 - Swimming lessons – for safety and fun
2. What would make them better?
 - Pool back in the east end
 - More pools in more neighborhoods
 - Community centers, parks, waterparks, all around the world for many people to discover, participate, enjoy to be

Dollar Voting

Participants were given \$1,000 in play money to place in boxes with the following categories:

Action (Box Title)	Event				Total
	Open House 4/18/2022	Open House 4/21/2022	Open House 4/26/2022	Open House 4/28/2022	
Waterslides for small children	\$400 16%	\$300 12%	\$1,300 5%	\$1,300 28%	\$2,900 8%
Tall waterslides	\$0 0%	\$0 0%	\$3,900 15%	\$1,600 35%	\$5,500 15%
Spraygrounds/Splash pads	\$300 12%	\$400 15%	\$700 3%	\$1,000 22%	\$2,100 6%
Climbing walls	\$100 4%	\$0 0%	\$2,500 10%	\$200 4%	\$2,700 7%
Shallow water/zero depth entry	\$600 24%	\$200 8%	\$1,000 4%	\$700 15%	\$1,900 5%
Lazy river	\$200 8%	\$300 12%	\$5,600 22%	\$1,700 37%	\$7,600 20%
Outdoor lap lanes	\$200 8%	\$600 23%	\$6,300 24%	\$400 9%	\$7,300 19%
Shade	\$400 16%	\$100 4%	\$1,600 6%	\$1,100 24%	\$2,800 7%
Improved pool houses	\$300 12%	\$700 27%	\$3,100 12%	\$1,300 28%	\$5,100 13%
Indoor lap pool	\$100 4%	\$200 8%	\$6,100 23%	\$600 13%	\$6,900 18%
Indoor family activity pool	\$400 16%	\$500 19%	\$1,700 7%	\$2,200 48%	\$4,400 12%
Total	\$2,500	\$2,600	\$26,000	\$4,600	\$37,900

Features Boards

Participants were given three red dots to place on 16 park amenities (represented by pictures). The results are presented in the table below.

Open House April 18, 2022

Park Features	Total	%
Indoor Lap Pool	0	0%
Lap Lanes	2	20%
Lazy River	2	20%
Warm Water Therapy Pool	0	0%
Tall Waterslide	0	0%
Indoor Family Activity Pool	0	0%
Climbing Wall	0	0%
Poolhouses	0	0%
Splash Pad	1	10%
Shallow Water Play	2	20%
Shade	2	20%
Dumping Bucket	0	0%
Family Aquatic Center	0	0%
Concession Area	1	10%
Vortex	0	0%
Family Slide	0	0%
Total	10	
Participants	3	



Open House April 21, 2022

Park Features	Total	%
Indoor Lap Pool	1	10%
Lap Lanes	3	30%
Lazy River	0	0%
Warm Water Therapy Pool	0	0%
Tall Waterslide	0	0%
Indoor Family Activity Pool	0	0%
Climbing Wall	0	0%
Poolhouses	2	20%
Splash Pad	1	10%
Shallow Water Play	1	10%
Shade	0	0%
Dumping Bucket	2	20%
Family Aquatic Center	0	0%
Concession Area	0	0%
Vortex	0	0%
Family Slide	0	0%
Total	10	
Participants	3	



Open House April 26, 2022

Park Features	Total	%
Indoor Lap Pool	27	26%
Lap Lanes	19	19%
Lazy River	18	18%
Warm Water Therapy Pool	8	8%
Tall Waterslide	8	8%
Indoor Family Activity Pool	3	3%
Climbing Wall	8	8%
Poolhouses	2	2%
Splash Pad	0	0%
Shallow Water Play	1	1%
Shade	1	1%
Dumping Bucket	2	2%
Family Aquatic Center	3	3%
Concession Area	1	1%
Vortex	0	0%
Family Slide	1	1%
Total	102	
Participants	34	



Open House April 28, 2022

Park Features	Total	%
Indoor Lap Pool	0	0%
Lap Lanes	0	0%
Lazy River	2	5%
Warm Water Therapy Pool	6	16%
Tall Waterslide	2	5%
Indoor Family Activity Pool	7	19%
Climbing Wall	1	3%
Poolhouses	2	5%
Splash Pad	4	11%
Shallow Water Play	2	5%
Shade	3	8%
Dumping Bucket	1	3%
Family Aquatic Center	2	5%
Concession Area	2	5%
Vortex	3	8%
Family Slide	0	0%
Total	37	
Participants	12	



Combined Pool Features Board

Park Features	Event				Total	%
	Open House 4/18/2022	Open House 4/21/2022	Open House 4/26/2022	Open House 4/28/2022		
Indoor Lap Pool		1	27		28	18%
Lap Lanes	2	3	19		24	15%
Lazy River	2		18	2	22	14%
Warm Water Therapy Pool			8	6	14	9%
Tall Waterslide			8	2	10	6%
Indoor Family Activity Pool			3	7	10	6%
Climbing Wall			8	1	9	6%
Poolhouses		2	2	2	6	4%
Splash Pad	1	1		4	6	4%
Shallow Water Play	2	1	1	2	6	4%
Shade	2		1	3	6	4%
Dumping Bucket		2	2	1	5	3%
Family Aquatic Center			3	2	5	3%
Concession Area	1		1	2	4	3%
Vortex				3	3	2%
Family Slide			1		1	1%
Total	10	10	102	37	159	

Programs Boards

Participants were given three green dots to place on 16 park programs (represented by pictures). The results are presented in the table below.

Open House April 18, 2022

Programs	Total	%
Swim Teams	1	9%
Swim Lessons	3	27%
Snorkeling/scuba Diving	0	0%
Water Fitness	0	0%
Lifeguard Training	3	27%
Lap Swim Times	0	0%
Movie Nights	0	0%
Water Volleyball	1	9%
Senior Programs	2	18%
Water Basketball	1	9%
Paddleboard Yoga	0	0%
Log Rolling	0	0%
Paddleboarding	0	0%
Kayaking	0	0%
Innertube Water Polo	0	0%
Synchronized Swimming	0	0%
Total	11	
Participants	4	



Open House April 21, 2022

Programs	Total	%
Swim Teams	1	11%
Swim Lessons	2	22%
Snorkeling/scuba Diving	1	11%
Water Fitness	1	11%
Lifeguard Training	0	0%
Lap Swim Times	1	11%
Movie Nights	1	11%
Water Volleyball	1	11%
Senior Programs	0	0%
Water Basketball	1	11%
Paddleboard Yoga	0	0%
Log Rolling	0	0%
Paddleboarding	0	0%
Kayaking	0	0%
Innertube Water Polo	0	0%
Synchronized Swimming	0	0%
Total	9	
Participants	3	



Open House April 26, 2022

Programs	Total	%
Swim Teams	28	29%
Swim Lessons	9	9%
Snorkeling/scuba Diving	18	19%
Water Fitness	8	8%
Lifeguard Training	8	8%
Lap Swim Times	11	11%
Movie Nights	4	4%
Water Volleyball	1	1%
Senior Programs	2	2%
Water Basketball	0	0%
Paddleboard Yoga	4	4%
Log Rolling	2	2%
Paddleboarding	2	2%
Kayaking	0	0%
Innertube Water Polo	0	0%
Synchronized Swimming	0	0%
Total	97	
Participants	32	



Open House April 28, 2022

Programs	Total	%
Swim Teams	0	0%
Swim Lessons	8	21%
Snorkeling/scuba Diving	3	8%
Water Fitness	8	21%
Lifeguard Training	3	8%
Lap Swim Times	0	0%
Movie Nights	7	18%
Water Volleyball	4	10%
Senior Programs	2	5%
Water Basketball	2	5%
Paddleboard Yoga	0	0%
Log Rolling	1	3%
Paddleboarding	0	0%
Kayaking	1	3%
Innertube Water Polo	0	0%
Synchronized Swimming	0	0%
Total	39	
Participants	13	



Combined Programs Boards

Programs	Event				Total	%
	Open House 4/18/2022	Open House 4/21/2022	Open House 4/26/2022	Open House 4/28/2022		
Swim Teams	1	1	28		30	19%
Swim Lessons	3	2	9	8	22	14%
Snorkeling/Scuba Diving		1	18	3	22	14%
Water Fitness		1	8	8	17	11%
Lifeguard Training	3		8	3	14	9%
Lap Swim Times		1	11		12	8%
Movie Nights		1	4	7	12	8%
Water Volleyball	1	1	1	4	7	4%
Senior Programs	2		2	2	6	4%
Water Basketball	1	1		2	4	3%
Paddleboard Yoga			4		4	3%
Log Rolling			2	1	3	2%
Paddleboarding			2		2	1%
Kayaking				1	1	1%
Innertube Water Polo					0	0%
Synchronized Swimming					0	0%
Total	11	9	97	39	156	
Participants	4	3	32	13	52	

Summary

The Dollar Voting indicates that the top priorities of those participating include:

1. Lazy Rivers
2. Outdoor Lap Lanes
3. Indoor Lap Pool
4. Tall Water Slides
5. Improved Pool Houses

The Features Dot Voting top items include:

1. Indoor Lap Pool
2. Lap Lanes
3. Lazy River
4. Warm Water Therapy Pool
5. Tall Water Slides

The Programs Dot Voting top items include:

1. Swim Teams
2. Swim Lessons
3. Snorkeling/Scuba Diving
4. Water Fitness
5. Lifeguard Training

If you should disagree with any information contained herein, please kindly notify our office in writing within 10 days of receipt of this memorandum.



Keith E. Rodenhauser, AICP, GISP, SITES AP
KER/ker

05/18/2022

c:

Patrick Hoagland

