



PARKS FOR ALL

AN EQUITY INITIATIVE LED BY
PARKS ALLIANCE OF LOUISVILLE

FINAL REPORT

2023



LOUISVILLE
PARKS
AND RECREATION



PARKS FOR ALL

ACKNOWLEDGMENTS

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MISSION

Parks For All will collect new data, listen to new voices, share new information, and create a roadmap for equitable and transparent investment in our public parks.



LOUISVILLE PARKS FOR ALL

Images courtesy of Louisville Parks and Recreation.

FORWARD

The *Parks For All* initiative owes deep gratitude to the Parks Alliance of Louisville (the Alliance) and Metro Council for funding and championing the *Parks For All* project. The Alliance's President & CEO, Brooke Pardue, has championed this work since 2019, insisting that Louisville Parks needed an equitable investment action plan and then successfully raised funds for the project. Metro Council members Cindi Fowler and Jecorey Arthur also ensured this project was funded and supported by Metro Government. It is because of these three individuals that this project saw not only the light of day but resulted in unanimous support for the *Parks For All Action Plan* by the Louisville Metro Council in December 2022 and implementation support from Mayor Craig Greenberg.

Parks For All is a data-driven initiative. The consultant team had ready access to a range of demographic, socio-economic, health, environmental, and community-related datasets. The same was not true, however, for site-specific data on the quality and condition of recreation facilities, parks, and the many assets and amenities across the Louisville Parks and Recreation System. Those critical datasets had to be created.

The *Parks For All* initiative therefore also owes deep gratitude to the staff and leadership of Louisville Parks and Recreation, who spent months in the field completing site and asset assessments and then reviewing the data with the consultant team to ensure quality, consistency, and accuracy. The data created through the process underpins the *Action Plan* and provides a baseline for measuring progress as implementation moves forward.



Alberta O. Jones Park Groundbreaking
Parks Alliance of Louisville





Youth soccer event
Louisville Parks & Recreation

EXECUTIVE SUMMARY

In 2021, the Louisville Parks Foundation made a dramatic shift as a park nonprofit. In response to the public health crises of racial injustice and COVID-19, the Foundation changed its focus, and its name, and the Parks Alliance of Louisville (the Alliance) was born. As a part of this change, **Great Parks For All became the Alliance's Vision Statement with the accompanying mission to Drive Equitable Investments in our Public Parks to Elevate the Wellbeing of our Entire Community.** These changes were not simply symbolic; these changes accompanied groundbreaking work – *Parks For All*, an initiative to improve and strengthen Louisville's park system to ensure that it equitably serves all residents.

The Alliance understands the value and importance of public parks, trails and recreation to the health and well-being of the Louisville community. They also understand that equity must be the underpinning of park access and investments in any park system.

Parks For All is the equitable and transparent investment action plan for the Louisville Parks and Recreation System ensuring equitable access to, and equitable investments in, parks and recreation services for all Louisvillians. The *Parks For All* initiative included extensive involvement and engagement with a variety of key stakeholders including Metro Council, Parks and Recreation Department (LPARD), Center for Health Equity, Office for Safe and Healthy Neighborhoods, Office for

Globalization, Office of Management & Budget; University of Louisville's Christina Lee Brown Envirome Institute, Metropolitan Sewer District (MSD), Jefferson County Public Schools, Olmsted Parks Conservancy, and others. A diverse 22-member Local Project Team provided guidance and direction throughout the 17-month project to ensure the project and outcomes were owned and championed by local voices. The Louisville community provided their input on park and recreation priorities during a series of public events, and through participation in a statistically valid public survey.

The consultant team conducted a thorough analysis of Louisville's budget process and structure; existing plans, studies, and strategy documents; parks and recreation operations; and elected officials and community members' priorities. This analysis provided the framework for the *Parks For All Action Plan* to ensure all recommendations align with the Metro Government agenda, strategies, budget structure, and future options and opportunities.

Parks For All serves one overarching goal: to develop an equitable and transparent investment plan for the Louisville Park System.



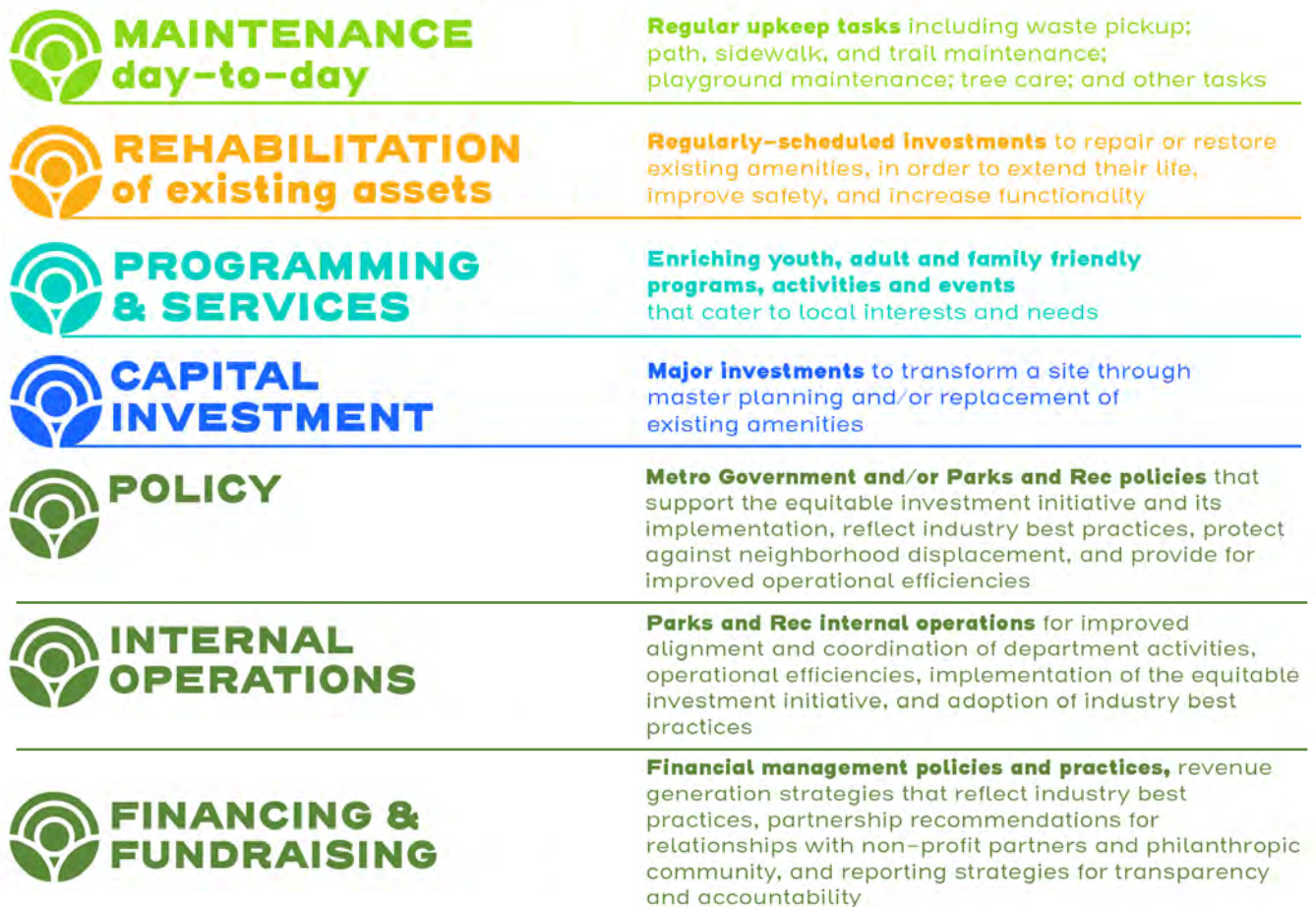
The key principles of *Parks For All* are a commitment to:

- Work closely with the Parks and Recreation Department to understand Louisville’s parks, work, challenges, and opportunities
- Work closely with the Parks and Recreation Department’s nonprofit partners, the Parks Alliance of Louisville, Olmsted Parks Conservancy, and Wilderness Louisville
- Keep much of the consultant team’s work behind the scenes, to ensure the project is owned and championed by local voices
- Work with the Louisville community to be a partner in advocating for Great Parks For All

The *Parks For All Action Plan* is built on data – park condition data, community condition data, and data on the public’s priorities for park investments – while also providing best practice recommendations covering asset management strategies, partnership strategies, revenue strategies, financial management practices, policy and operational practices, data management, and anti-displacement strategies.

The result is an equitable investment plan that covers park maintenance, rehabilitation of existing assets, recreation programming, and capital investments. In addition to those four (4) specific equitable investment strategies (maintenance, rehab, recreation programming, and capital) there are three (3) supporting strategy areas of recommendations that address policy, internal operations, and financing and fundraising.

FIGURE 1. *Categories of Recommendations in the Parks For All Action Plan*



THE PARKS FOR ALL ACTION PLAN AT A GLANCE

The *Parks For All Action Plan* provides tangible and actionable implementation strategies for the four equitable investment strategies and three supporting strategy areas embedded in these focus goals to frame the recommendations.

1. **Establish organizational structure, policies, practices, and operations** that:
 - Are based on industry best practices,
 - Support maintenance, rehabilitation, and recreation equitable investments
 - Provide for the delivery of quality maintenance, care for existing assets, quality recreation programming, and activation of park and recreation spaces
2. **Dedicate more financial resources** to deliver fundamental park and recreation services
3. **Allocate financial resources to equitable investment** approaches for maintenance, rehabilitation, programming, and capital investments
4. **Equitably invest in existing assets** to extend their life, improve their safety, and improve their functionality (rehabilitation)
5. **Improve and ensure equitable maintenance practices** in order of public's priorities
6. **Provide equitable distribution of funding for community center operations** through implementation of new recreation center model with programming and business plans for each center and develop a metro-wide recreation plan that supports the public's priorities
7. **Develop a plan for long range capital investments that build on increased funding** for quality maintenance, rehabilitation, and recreation programming; established organizational structure, policies, practices, and operations improvements; and coordinated strategy amongst Louisville Parks and Recreation Department and park nonprofits
8. **Frame a coordinated strategy amongst Louisville Parks and Recreation Department and Park nonprofits** – Olmsted Conservancy, Parks Alliance of Louisville, Wilderness Louisville – to advance Louisville Parks and Recreation System

Accompanying this *Parks For All Final Report* is the *Parks For All Action Plan* and *Parks for All Implementation Plan* that provide clear and concrete steps for implementation and action to rebuild the Louisville Park and Recreation System as a stronger and more robust system to serve all equitably with industry best practices.





*Westonia Park
Interface Studio*

INTRODUCTION AND METHODOLOGY

THE ARGUMENT FOR PARKS FOR ALL

Louisville's parks, community centers, natural areas, and forests are invaluable assets for the Metro area, comprising 161 sites across 6,048 acres in parks, parkways, and greenways plus 6,596 acres within Jefferson Memorial Forest.

The expansive system includes 81 neighborhood parks, 29 community parks, 10 major urban parks, and one regional park, with 14 community centers, 10 golf courses, six parkways, four greenways, three outdoor pools, one aquatic center, and two historic homes.

161
PARKS &
REC SITES

ARE IN THE LOUISVILLE PARKS AND REC SYSTEM

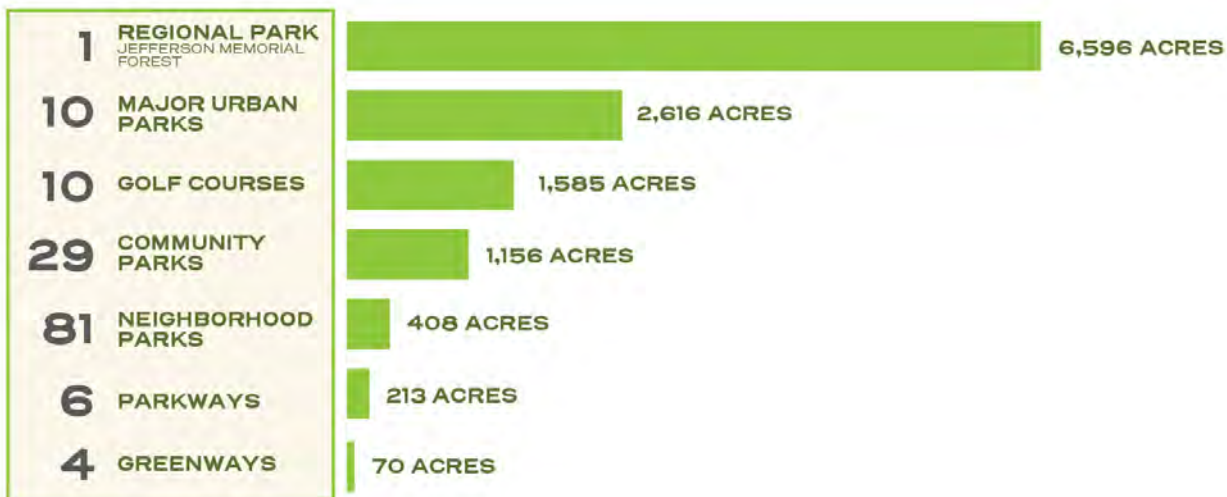


FIGURE 2. Overview of the Louisville Parks and Recreation System



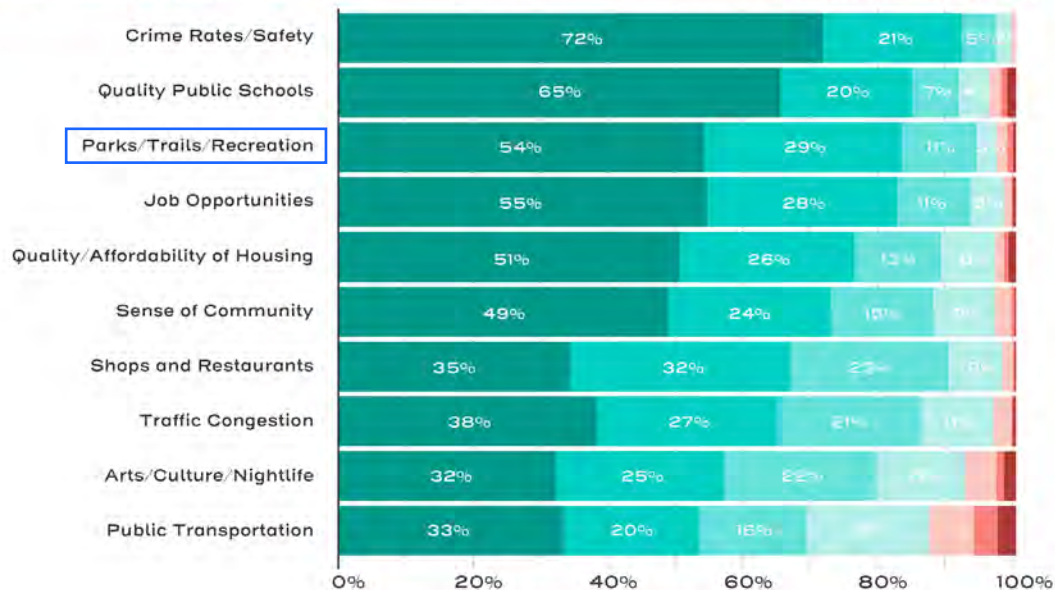
Well-maintained quality parks provide tremendous benefits for individuals and communities – physical, mental, and emotional wellbeing; improved neighborhood safety; community gathering places; and high quality of life in neighborhoods. According to the results of a statistically valid Metro-wide public survey conducted in 2022, **Louisvillians identify parks, trails, and recreation as the third most important factor that makes a community a “great place to live.”** Through the public’s involvement in events and the input they provided through the statistically valid public survey, Louisville residents clearly communicated the need for their parks to play an active role supporting such important community benefits.

Yet, Louisville’s public park system has long been underfunded in terms of personnel and operating and capital resources. Long-term under-investment in the system has created a burdensome system-wide backlog in deferred maintenance and capital investment needs, visible in the physical conditions of parks and recreation facilities across the Metro. Inconsistent annual funding for operating expenses and capital improvements presents a challenge for consistent service delivery and work planning year-to-year. Park investments have been inequitably distributed, with many parks receiving little ongoing maintenance and little to no capital investments over the past 20 years. The results of the 2022 Parks For All statistically valid public survey were clear: **more than 86% of Louisvillians believe parks need more resources.**

FIGURE 3. Statistically Valid Survey Results on the Importance of Parks

When you think about what makes a community a “great place to live,” how important are each of the following things?

by percentage of households using a 7-point scale, where 7 means extremely important and 1 means not at all important
EXTREMELY IMPORTANT / 6 / 5 / 4 / 3 / 2 / 1 / NOT IMPORTANT AT ALL



SOURCE: Public Survey by ETC Institute

Additionally, there are consistent patterns of inequities in certain neighborhoods. Neighborhoods with higher populations of residents who live below the poverty line – and identify as a racial or ethnic minority – consistently have higher rates of poor air quality, higher heat risk, higher rates of crime, and lower proximity to greenness and parks. While some poor and racially and ethnically diverse neighborhoods do have access to parks or greenspace, overwhelmingly, the parks that serve these residents are smaller in size, poorly cared for, unsafe, and have a lower rate of investment in the past 20 years.

These same residents also report higher rates of chronic physical health issues and poor mental health.

Historic underfunding of the park system, inequities in access to quality parks, and the public’s clear message to provide more resources requires Louisville to have a sustained infusion of new funds and an equitable action strategy to improve conditions and services for all residents.

It's time to make Great Parks For All a reality.



UNDERSTANDING LOUISVILLE

Early orientation to the Louisville Metro area and the Louisville Parks and Recreation System was key to the success of this work. The consultant team needed to gain a full understanding of the planning landscape; budget process and structure; existing plans, studies, and strategy documents; parks and recreation operations; and elected official priorities. Building relationships and understanding these facets of the local government ensured the planning framework and recommendations align with the Metro Government’s agenda, strategies, budget structure, and future options and opportunities.

When the *Parks For All* project started in August 2021, the consultant team immediately began reviewing prior plans of the Metro Area, including the Park and Recreation System Master Plans. This review grounded the project and the team with understanding the priorities of the Louisville Metro Area, Louisville Parks and Recreation System and where those works intersected with the *Parks For All* project.

The team’s review covered these plans and studies:

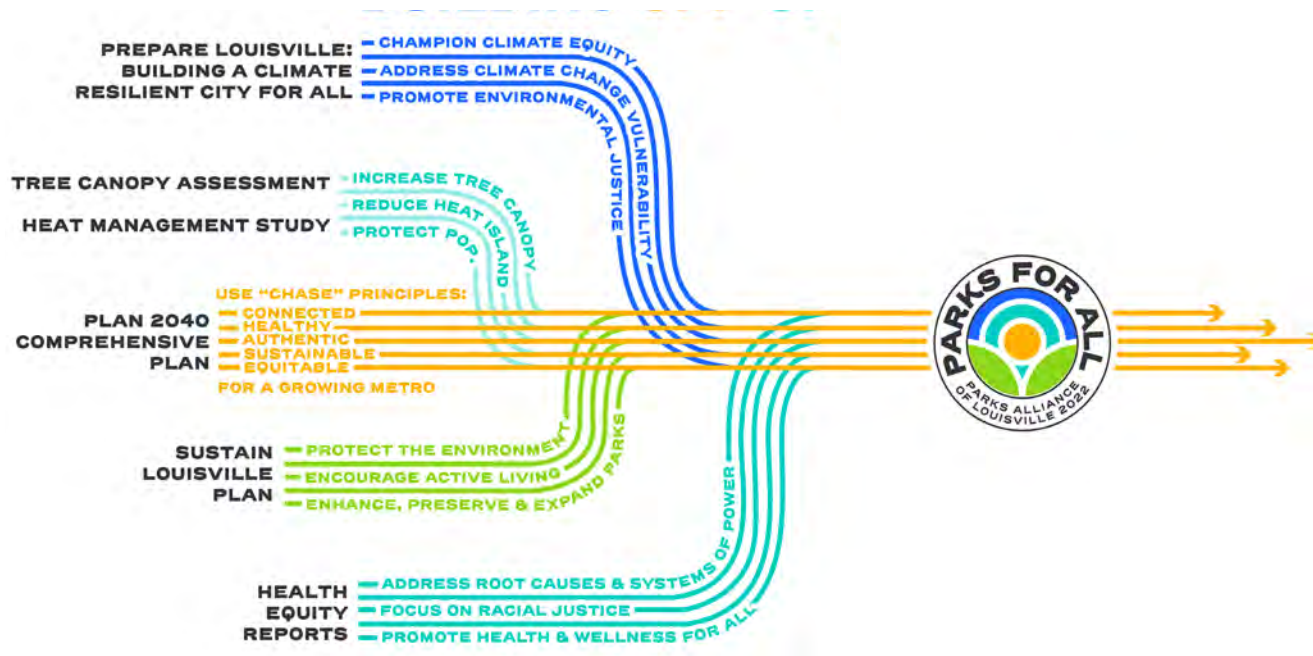
Metro-wide Plans

- 2020 Greenhouse Gas Emissions Reduction Plan
- 2020 Prepare Louisville: Building a Climate Resilient City
- 2020 Complete Streets Design Guide
- 2018 Plan 2040 Comprehensive Plan
- 2017 Health Equity Report
- 2016 Urban heat Management Study
- 2015 Racial Equity Toolkit
- 2015 Urban Tree Canopy Assessment
- 2015 JCPS Comprehensive Infrastructure Assessment
- 2013 Sustain Louisville
- 2010 Bike Master Plan
- 2010 Pedestrian Master Plan
- 2009 Public Art Master Plan
- 36+ Neighborhood Plans

Park System Master Plans

- 2017 Naturalization Study
- 2016 Updated Parks & Open Space Plan
- 2013 Louisville Loop
- 2012 Southwest Greenways
- 2009 Jefferson Memorial Forest
- 1995 Parks & Open Space Plan
- 1994 Olmsted Parks & Parkways
- 20+ Individual Park Master Plans

FIGURE 4. Key Themes from Prior Plans and Studies that Parks For All Will Advance



Stakeholder Input

Another very important element of the consultant team’s orientation to Louisville included meeting with key individuals and organizations across the metro area. The team conducted more than 35 stakeholder meetings with the following organizations to learn more about Louisville as a community and the Louisville Parks and Recreation System.

- Air Pollution Control District
- Applied Civics
- Center for Health Strategy
- Center for Neighborhoods
- Christina Lee Brown Envirome Institute at the University of Louisville
- Goodwill Industries Kentucky
- Gresham Smith
- Inter-Denominational Ministerial Coalition
- Jefferson County Public Schools
- Louisville Free Public Library
- Louisville Water Company
- Louisville Metro Government
 - Advanced Planning & Sustainability
 - Community Building
 - Community Development
 - Elected Officials
- Louisville Forward
- Office for Globalization
- Office for Safe and Healthy Neighborhoods
- Office of Management & Budget
- Parks and Recreation Department
- Planning & Design
- Public Works
- Metropolitan Sewer District
- Olmsted Parks Conservancy
- Parks Alliance of Louisville
- Parklands of Floyds Fork
- River Heritage Conservancy
- TreesLouisville
- Urban Design Studio at University of Louisville
- Waterfront Park
- Wilderness Louisville
- YouthBuild Louisville



Local Project Team

It was critical that this project be led by Louisvillians to ensure the project was owned and championed by local voices. The consultant team worked closely with the Parks Alliance of Louisville to identify individuals and organizations to serve on the *Parks For All* Local Project Team. The Local Project Team met nine (9) times throughout the 17-month project and provided invaluable local perspectives and insights as well as essential guidance and direction throughout each phase.

Parks For All Local Project Team

- **Farhan Abdi**, Somali Community of Louisville
- **Councilmember Jecorey Arthur**, Louisville Metro Council District 4
- **Deborah Bilitski**, Waterfront Park
- **Margaret Brosko**, Louisville Parks and Recreation
- **Freddie Brown**, YMCA
- **BJ Bunton**, Jefferson County Public Schools
- **Emilie Dyer**, Americana
- **Councilmember Cindi Fowler**, Louisville Metro Council District 14
- **Layla George**, Olmsted Parks Conservancy
- **Steve Haag**, Louisville Metro Council Republican Caucus
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- **Harrison Kirby**, Greater Louisville Project
- **Michael Meeks**, Louisville Metro Government Chief Equity Officer
- **Lopa Mehrotra**, Greater Louisville Project
- **Brooke Pardue**, Parks Alliance of Louisville
- **Lynn Rippy**, YouthBuild/Wilderness Louisville
- **Ricky Santiago**, Louisville Metro Government
- **Dr. Ted Smith**, Envirome Institute/ University of Louisville
- **Cindi Sullivan**, TreesLouisville



*Breslin Skate Spot Volunteer Event
Parks Alliance of Louisville*

STEWARDS OF LOUISVILLE PARKS

The Louisville Parks and Recreation Department is responsible for managing and operating the Louisville Park System, and the department staff serve as stewards of the system utilizing the resources available to them. As stewards of these spaces, they are responsible for being responsive to and providing the best possible park and recreation services to Louisvillians, implementing industry best practices, and ensuring the financial and environmental sustainability of the system. While the physical elements of the system are robust, the resources to care for the system have been lacking for quite some time, creating an unsustainable leadership and management model, putting the viability and sustainability of the system of parks in significant jeopardy. These conditions have created long-standing challenges for the staff, without the resources to appropriately respond to the desires of Louisville residents, meet industry best practices, and meet the financial, programmatic, operational, and environmental needs of the system.

While Louisville Parks and Recreation serves as the primary steward of the park system, three nonprofit organizations – Olmsted Parks Conservancy, the Parks Alliance of Louisville, and Wilderness Louisville – provide additional resources and assist with the care and upkeep of various elements of the system. Recognizing local government alone could not care for the park system, the Olmsted Parks Conservancy was formed in 1989 to work closely with the city and its residents to raise needed funds and guide revitalization of Louisville’s seventeen Olmsted-designed parks and six parkways.

The Conservancy manages projects for restoration, enhancement, and community connection to Olmsted parks and parkways.

The Parks Alliance of Louisville, renamed in 2021, supports more than 100 public parks and community centers. Originally, Louisville Metro Parks Foundation was formed in 2005 and later changed its name to the Louisville Parks Foundation. The initial focus of the organization was as the fiscal agent for land acquisitions for Jefferson Memorial Forest and the Louisville Loop. Once that project was completed, the group decided to take on a larger role in Louisville public parks becoming a public-facing nonprofit in 2015, while also completing park specific improvements. The Foundation expanded its focus and changed its name in 2021 to the Parks Alliance of Louisville with a new mission to drive equitable investment in Louisville’s public parks to elevate the wellbeing of the entire community.

Wilderness Louisville was founded in 2013 to be champions for Louisville’s natural areas, from Jefferson Memorial Forest, the nation’s largest municipally owned urban forest, to ones in neighborhoods. Wilderness Louisville is dedicated to expanded opportunities for youth to make critical connections in nature and its work includes raising funds to support the Louisville ECHO program; supporting more inclusive community engagement; purchasing equipment to care for Louisville’s Forest and natural areas; and providing community volunteers to repair and rebuild trails, remove invasive species, and clean up from flood damage within natural areas.



Louisville’s major partners in stewarding the public park system

PARKS FOR ALL



HOW THE LOUISVILLE PARKS SYSTEM COMPARES WITH PEER CITIES

The 6,048 acres of parks, parkways, greenways plus the 6,596 acres of Jefferson Memorial Forest make up the robust and varied Louisville Parks System. The expansive system includes 81 neighborhood parks, 29 community parks, 10 major urban parks, and one regional park, with 14 community centers, 10 golf courses, six parkways, four greenways, three outdoor pools, one aquatic center, and two historic homes. According to the National Recreation & Park Association (NRPA), Louisville’s total of 12,644 acres represents 13% more public parkland per 1,000 residents than the national average of all park and recreation systems.

However, Louisville’s historic investment in the upkeep of its park system pales in comparison to 17 comparably sized peer cities. Analysis of pre-pandemic Trust for Public Land (TPL) data from 2019 found public spending on Louisville Parks and Recreation is 37% of the peer-city

average (\$40 per resident versus \$107), and total spending (public and private) is 36% of the peer city average (\$43 versus \$118 per resident). The NRPA reports that Louisville’s spending per acre is less than half that of all park systems in the US (49% or \$2,047 annually compared to \$4,168). Long-term underfunding has created a backlog in deferred maintenance of more than \$177 million.

Compared to similarly sized cities, Louisville Metro has invested significantly less in its public park system for decades, even though Louisville’s Park System is significantly larger, with more acres and more assets than the average urban park system. This means Louisville spends less on parks but has more to maintain, even when Jefferson Memorial Forest is excluded.

FIGURE 5. How Louisville Compares to Peer Cities in terms of Funding for Parks and Recreation

We invest significantly less in our public park system than peer cities

The Averages	Louisville	Benchmark Cities
Public Spending per Resident	\$40	\$107
Private Spending per Resident	\$3	\$11
Total Public + Private Spending	\$33.3M	\$86.4M
Total Spending per Resident	\$43	\$118

- TPL Benchmarks**
18 US Cities with Populations 600,000-999,000
- Albuquerque, NM
 - Austin, TX
 - Baltimore, MD
 - Boston, MA
 - Columbus, OH
 - Denver, CO
 - Detroit, MI
 - El Paso, TX
 - Fort Worth, TX
 - Jacksonville, FL
 - Las Vegas, NV
 - Louisville, KY**
 - Memphis, TN
 - Nashville/Davidson, TN
 - Oklahoma City, OK
 - Portland, OR
 - San Francisco, CA
 - Washington, DC

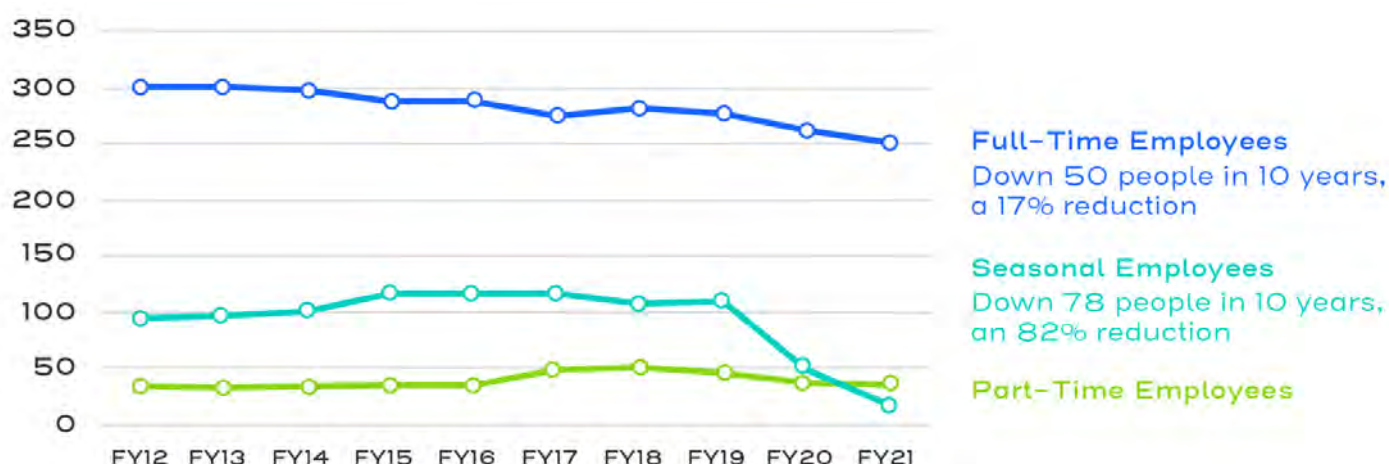
Source: Trust for Public Lands

FIGURE 6. Louisville Parks and Recreation Staffing Compared to Peer Cities

NRPA (2021) & TPL (2019) Benchmarks	NRPA Median (All Cities)	Louisville FY22	TPL Average for 18 US Cities
Park and Rec Agency Staffing (FTEs)	254	250	480
Park and Rec Seasonal Employees (FTE)	-	Avg. 17 filled positions	311
Total Employees (FTE)	-	Avg. 269	720

Louisville Parks and Rec has 52% of the average number of total full-time employees compared to TPL’s 18 cities of comparable size.

FIGURE 7. Louisville Parks and Recreation Average Annual Filled Positions



SOURCE:
Metro Government Executive Budget

Overall, staffing of full-time employees within Parks and Recreation fell by 17% over the past decade.

The Parks For All project began in August 2021 during the pandemic. Due to COVID protocols, park and recreation agencies across the U.S. responded differently (i.e., closures of recreation facilities and park amenities, and discontinuation of recreation programming) making it impossible to compare park and recreation systems against each other. As a result, Parks For All benchmarking was done using 2019 TPL pre-pandemic data.

THE PUBLIC'S VIEWS OF & PRIORITIES FOR LOUISVILLE PARKS

The parks and recreation facilities within Louisville's system are important to the health and wellbeing of the community. Despite varied conditions, Louisville's parks and recreation facilities are highly valued. Parks matter to people, regardless of age, income, race, or ethnicity. According to the *Parks For All* statistically valid survey conducted by ETC Institute, Louisville parks and recreation facilities are the number one choice for indoor and outdoor recreation.

Public comments on the survey echo the love people have for Louisville's parks and open spaces, but they also

acknowledge the issues park-goers experience and illustrate the range in on-the-ground conditions found at different parks.

95% of households reported visiting parks in Louisville within the last year, and Louisville Parks and Recreation facilities are the most visited.

Cherokee Park

"We love Cherokee. Sometimes the grass isn't cut often enough but the trails are great."

Jefferson Forest

"Great staff and trail system."

Joe Creason Park

"Overall, well-kept but there are pockets of graffiti and the bathrooms can be rough."

Waverly Park

"One of our favorite parks. We like to hike here in the winter time. The addition of restrooms was a nice improvement."

Chickasaw Park

"[There are] not many new outdoor amenities [and the] walking trail [is] old. They do not have security when [people] are acting out in the park."

Aquatics Center

"I love this place so much. **This place needs serious funding or I fear one of your very-frequented public facilities will phase-out.**"

FIGURE 8. Statistically Valid Survey Results on Utilization of Louisville's Public Parks

Think about any indoor and/or outdoor recreation that you and members of your household engage in. Which of the following do you and members of your household use for indoor and/or outdoor recreation?
by number of households (multiple choices could be selected)

Facility Type	Number of Households
Louisville Parks/Recreation Facilities	810
Parks/Facilities Outside Louisville	471
Churches/Mosques/Synagogues/Houses of Worship	332
Private Health Fitness Clubs Or Classes	329
Public/Parochial/Private Schools	303
YMCA	200
College/University Facilities	192
Private Sports Leagues	167
Homeowners Association Facilities	105
Private Country Clubs	81
Boys/Girls Club	31

SOURCE: Public Survey by ETC Institute

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*Louisvillians in the parks
Louisville Parks and Recreation*



HISTORIC UNDERFUNDING OF LOUISVILLE PARKS

The long-term and significant underfunding in the park system’s personnel, operating dollars, and capital resources, coupled with a tradition of philanthropic investments that have been concentrated in a small number of Louisville parks have had profound impacts on the condition of parks and recreation assets and fueled inequities in park conditions and service delivery.

Twenty-six percent (26%) of parks have received \$0 in capital investments since the City-County merger in 2004, half of parks received less than \$100,000 during that 20 year period, and two thirds of parks in the system received less than \$500,000 during that same time. As a result, the site assessments of Louisville Parks and Recreation’s inventory found 11% of parks are in poor condition and 44% are in fair condition.

Louisville Parks and Recreation’s maintenance staff work very hard with limited staff, equipment, and financial resources to keep all parks clean, safe, and open to the public. However, the reality is that on-the-ground conditions reflect the level (or lack thereof) of capital investments.

Since the City-County merger in 2004, 15 of Louisville’s 17 Olmsted Parks received more than \$38.4 million in funding (48% of the total funding dedicated to parks) from Metro Government’s Capital Budget, Metro Council’s Neighborhood Development Fund (NDF) and Capital Infrastructure Fund (CIF), as well as philanthropic partners—chief among them, Olmsted Parks Conservancy—and other state or federal grants. The balance of Louisville’s public parks—103 sites in all—received a total of \$42.1 million (52% of all funding for Louisville’s public parks) over the same time period.

FIGURE 9. Dollars Invested at Each Site Since City-County Merger

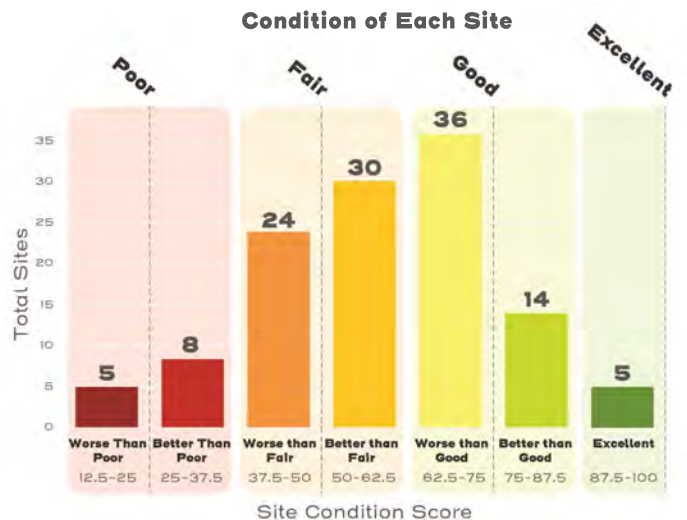


Capital funding over the past 20 years:

- 26% of parks received \$0
- 50% of parks received less than \$100K
- 67% of parks received less than \$500K

In the past two decades, 31 parks across the system (two of which are Olmsted Parks) received \$0 in capital investments from any source.

FIGURE 10. Condition of Parks based on On-Site Assessments



Park Condition Scoring:

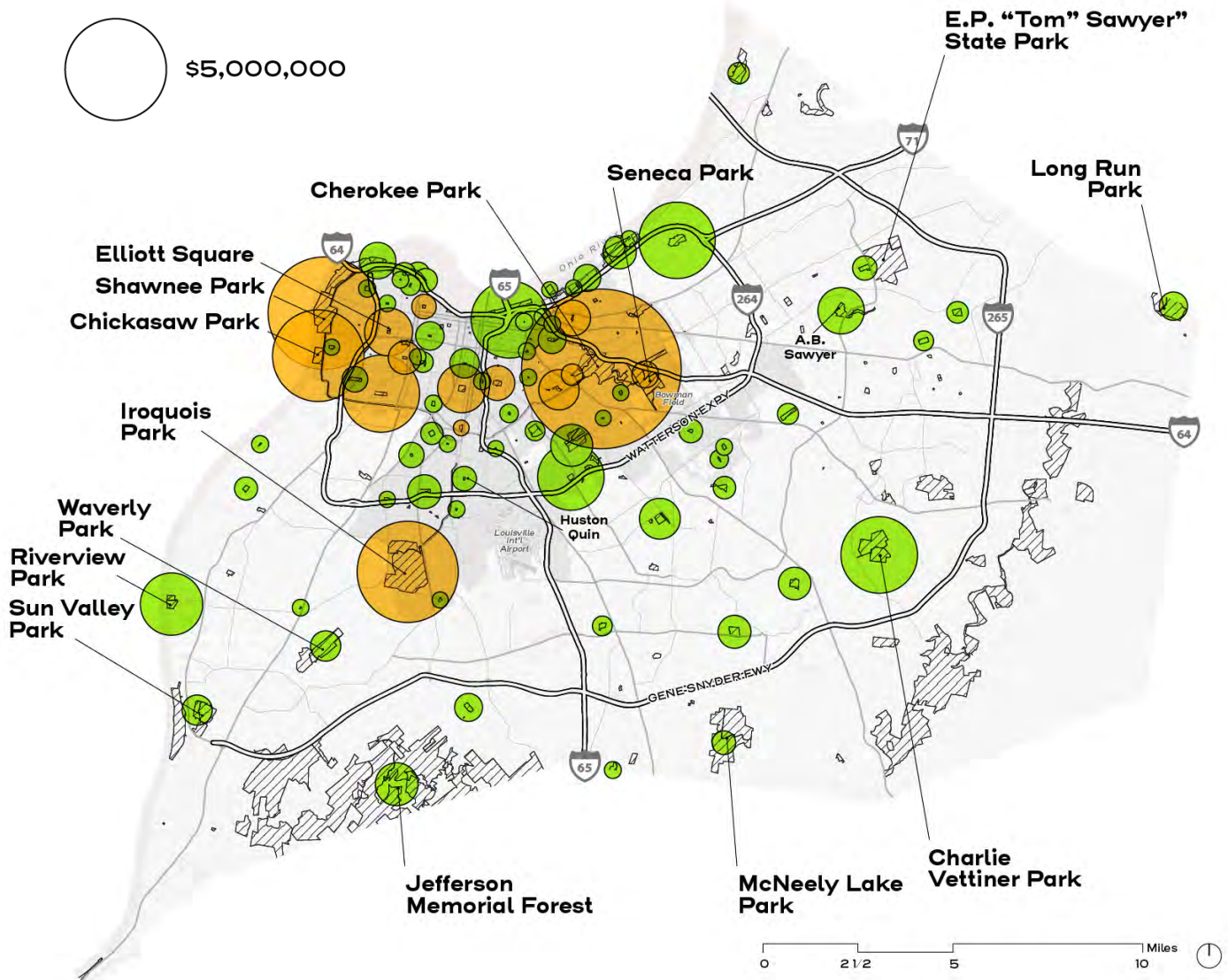
- 11% (13) are “Poor” (<37.5)
- 44% (54) are “Fair” (37.5-62.5)

FIGURE 11. Capital Improvement Allocations from Metro Budget, Metro Council’s NDF and CIF Funds, and Philanthropic Partners, FY04–FY23

Louisville Metro Government, Parks Alliance, Olmsted Parks Conservancy, Interface Studio

- Olmsted Parks
- Alliance Parks managed by Louisville Parks and Recreation

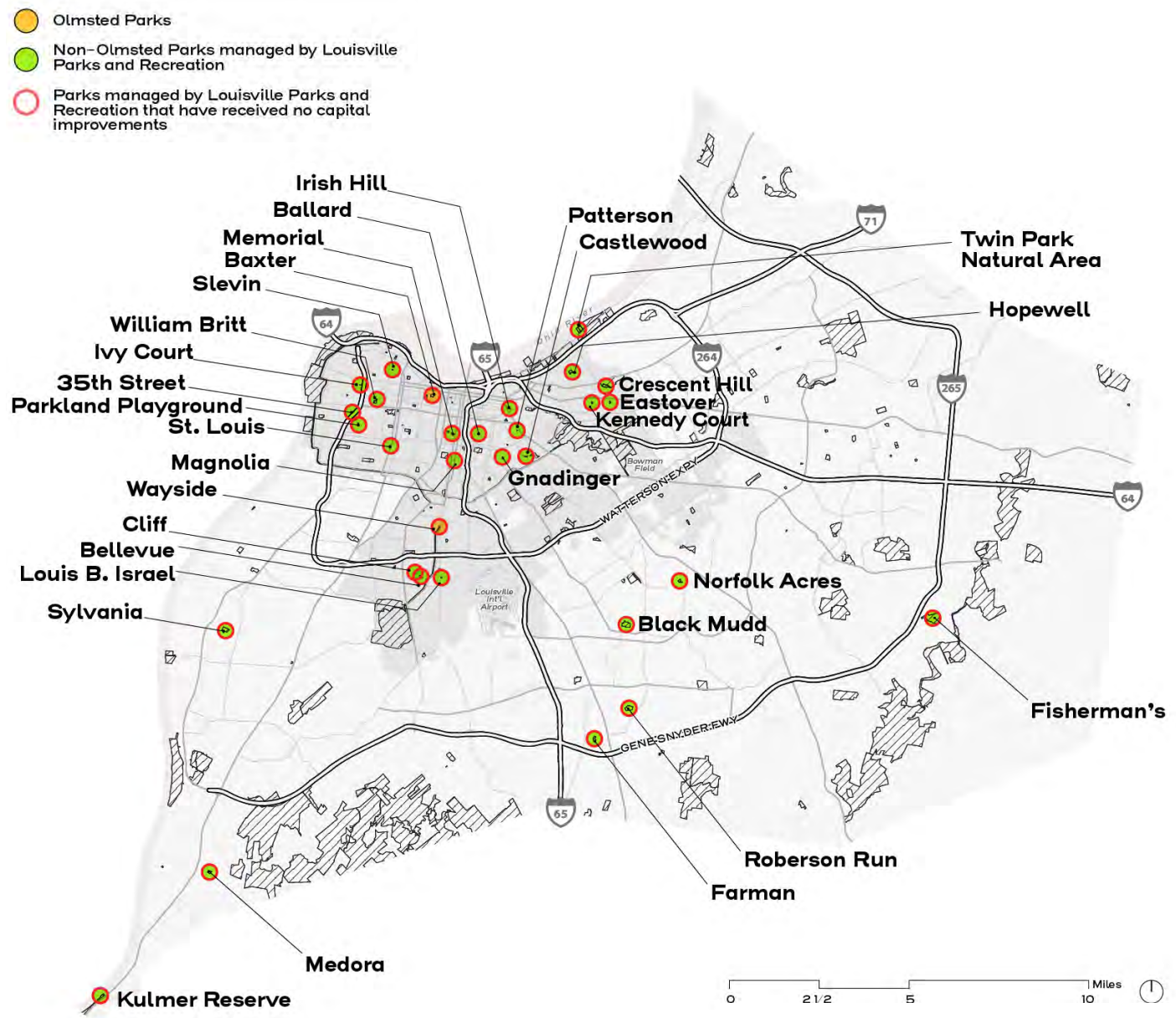
- < \$100,000
- \$500,000



Parks For All increased public awareness and understanding of the degree to which prolonged underfunding and disinvestment in Louisville’s Parks and Recreation system has driven inequity in park conditions across the Metro area. As a result, *Parks For All* became a rallying call. People throughout Louisville clearly communicated a commonly held belief that improving *Parks For All* is critical. Louisvillians know ensuring everyone has access to high quality parks and recreation programming will make Louisville a better place to live for all residents; especially in Louisville’s neighborhoods with the greatest need.

FIGURE 12. Park Sites with No Capital Improvement Investments from Metro Budget, Metro Council, or Philanthropic Partners, FY04–FY23

Louisville Metro Government, Parks Alliance, Olmsted Parks Conservancy, Interface Studio



INVESTING IN LOUISVILLE

PARKS FOR ALL

The overarching goal for *Parks For All* is development of an equitable and transparent investment plan for the Louisville Park System. This goal is framed with these key elements and key principles.

Key Elements of *Parks For All* Project:

- Ensure equitable access to and equitable investments in parks and recreation services for all Louisvillians, while utilizing transparent decision making
- Support work that is led by Louisvillians
- Coordinate and convene the local community and local community organizations through a Local Project Team and extensive community engagement

The key principles of *Parks For All* are a commitment to:

- Work closely with the Parks and Recreation Department to understand Louisville's parks, work, challenges, and opportunities
- Work closely with the Parks and Recreation Department's nonprofit partners, the Parks Alliance of Louisville, Olmsted Parks Conservancy, and Wilderness Louisville
- Keep much of the consultant team's work behind the scenes, to ensure the project is owned and championed by local voices, and
- Work with the Louisville community to be a partner in advocating for Great Parks For All.

The Framework for Recommendations

The data collected and analyzed on the Louisville Parks and Recreation sites, community context, and public input was used for development of the equitable investment strategy for *Parks For All*. The equitable investment plan covers park maintenance, rehab, capital, and recreation programming. In addition to these four (4) specific equitable investment strategies, there are three (3) supporting strategic recommendations. These recommendations support the equitable investment strategies, reflect industry best practices, and provide for operational efficiencies, partnership opportunities, transparency, and accountability.



Four Equitable Investment Strategies

- **Capital:** major investments to transform a site through master planning and/or replacement of existing amenities
- **Recreation Programming:** activities or events at parks and recreation facilities that support healthy active living and in which residents, kids, and families can participate
- **Maintenance:** daily or ongoing tasks for the upkeep of parks, amenities and facilities including waste pickup; path, sidewalk, and trail maintenance; playground maintenance; and tree care
- **Rehabilitation:** regularly scheduled investments to repair or restore existing amenities to extend their life, improve safety, and increase functionality

Three Supporting Strategy Areas

- **Policy:** proposed changes to Metro Government and/or Parks and Recreation Department policies that support the equitable investment initiative and its implementation, reflect industry best practices, protect against neighborhood displacement, and provide for improved operational efficiencies
- **Operations:** proposed changes to Parks and Recreation Department internal operations for improved alignment and coordination of department activities, operational efficiencies, implementation of the equitable investment initiative, and adoption of industry best practices
- **Financing/Fundraising:** proposed financial management policies and practices, revenue generation strategies that reflect industry best practices, partnership recommendations for relationships with nonprofit organizations and philanthropic community, and reporting strategies for transparency and accountability

FIGURE 13. Parks For All Strategy Framework



FIGURE 14. Three Types of Data Shape the Parks For All Action Plan



The Three Types of Data Shape the Strategy

Parks For All relies on data to shape its strategies and final recommendations. The data falls into three buckets: parks and recreation sites, community context, and public input. The data from these buckets are the foundation and driving elements of the *Parks For All* equitable and transparent investment plan for the Louisville Park System.

- **Parks and Recreation sites: What We've Got**
 - Proximity + Access
 - Recreation Value
 - Conditions + Need
- **Community Context: Who We Are**
 - The People
 - Built Environment
 - Health Implications
- **Public Input: What We Want**
 - The Public's Priorities for Investment





*Cherokee Park
Louisville Parks & Recreation*

BUDGETING METHODOLOGY FOR THE FOUR KEY AREAS OF INVESTMENT

DETAILED DEFINITIONS OF THE FOUR KEY AREAS OF INVESTMENT

Parks For All not only emphasizes the need for more funding to support Louisville's public parks and recreation system; it provides a road map for how to invest those new dollars equitably and in response to public priorities. The *Parks For All* budget recommendations focus on four key areas of investment in the Louisville Parks and Recreation System:

FIGURE 15. *Four Key Areas of Investment*



- **Day-to-Day Maintenance:** regular upkeep tasks to keep parks and recreation sites clean, safe, and usable
 - Maintenance activities include:
 - » Waste pickup
 - » Mowing
 - » Tree care
 - » Landscape care
 - » Graffiti removal or vandalism repair
 - » Paved path and sidewalk maintenance
 - » Unpaved trail maintenance
 - » Playground safety and maintenance
 - » Pool and spray pad maintenance
 - » Pavilion and picnic area maintenance
 - » Athletic field maintenance
 - » Athletic court maintenance
 - » Golf course maintenance
 - » Dog park (off leash) maintenance
 - » Waterways and lakes
 - » Boat ramp maintenance
 - » Community and senior center maintenance
 - » Specialized facility maintenance
 - » Restroom maintenance



- **Rehabilitation of Existing Assets:**

regularly scheduled investments to repair or restore existing amenities to extend their life, improve safety, and increase functionality

- Rehab categories include:
 - » System-wide assessments to determine where investments are needed most
 - » Critical repairs to address urgent building, facility, and equipment repairs due to prolonged deferred maintenance
 - » Below-grade infrastructure such as underground pipes and utility issues and repairs
 - » Building improvements at community or senior centers, the Amphitheater, and other buildings
 - » Park amenities such as benches, pavilions, restrooms, water stations, and other outdoor amenity replacements
 - » Paths, sidewalk, and trail repairs and replacements
 - » Park lighting at fields, walking paths, parking lots, and other exterior facilities
 - » Parking lot repaving and restriping at parks and recreation facilities
 - » Playground upgrades to play equipment and safety surfaces
 - » Pools and spray pad repair and restoration of plumbing, mechanicals, liners, etc.
 - » Sports facility restoration of courts, fields, surfaces, fencing, dugouts, etc.

- **Recreation Programming and**

Services: enriching youth, adult and family-friendly programs and activities and events that cater to local interests and needs

- Program types include:
 - » Special events and festivals
 - » Races (running, triathlon, bicycling)
 - » Family programs
 - » Senior programs
 - » Adult fitness, sports, swim, and adapted recreation programs
 - » Preschool programs
 - » Youth programs such as before/after-school; summer camp; meals; art/dance/performing arts; fitness/sports/swim; environmental education; and adapted recreation programs
 - » Teen programs and young adult workforce development programs
 - » Support services for families, youth, and adults

- **Capital Investments:** major investments to transform a site through master planning and/or replacement of existing amenities

- Louisville's Capital Budget dollars are used to purchase or improve assets that will have a useful life of more than one year and a value of more than \$5,000. Examples of capital investments include the redesign and replacement or significant repair of whole parks or recreation facilities, or major components of a park or recreation facility.



THE ACTUAL METRO GOVERNMENT OPERATING & CAPITAL BUDGETS FOR PARKS & RECREATION

The Parks For All project began during the pandemic, therefore benchmarking utilized 2019 budget data. The funding and operations recommendations were built off these data and the FY23 approved budget.

In FY23, the Metro Government budget included \$34.7M in allocations for Louisville Parks and Recreation.

The Operating Budget (\$26.7M in FY23 for all funds) supports departmental park resources and operations, and turf management, including park and facility maintenance, forestry, and skilled trades (61%); recreation and programming, including the Amphitheater and historic homes at Locust Grove and Riverside, The Farnsley-Moremeyn Landing (30%); and general administration, computers and software, and community relations and engagement (9%).

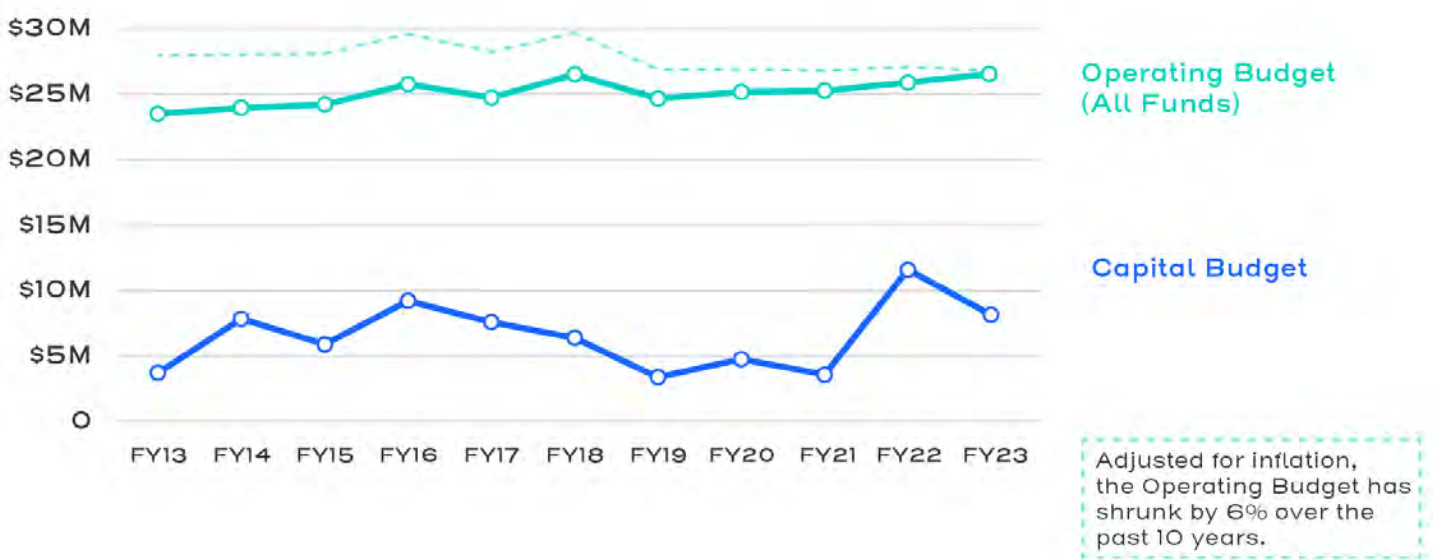
Adjusted for inflation, Louisville Parks and Recreation's Operating Budget has decreased by 6% over the past 10 years and compared to the comparably sized peer-city average, Louisville Parks and

Recreation's Operating Budget is less than half (48%). Underinvestment to this degree translates to reduced staffing, equipment, and materials and supplies, which means limited maintenance and upkeep capacity as well as limited recreation programming opportunities for the public. Full-time staffing at Louisville Parks and Recreation is 58% of TPL's peer-city average (280 versus 480), and total staffing (full-time and part-time) is 53% (383 versus 720).

The Capital Budget (\$8.1M in FY23) includes allocations for general repairs, deferred maintenance, and site-specific capital improvement projects, which differ year to year resulting in greater variability in the Capital Budget for parks and recreation. That said, Louisville's five-year capital spending on parks is just 41% of the comparably sized peer cities (\$35.4M over five years compared to \$86.4M).

Taken together, Metro Government's five-year total spending on operations and capital is 45% that of the comparably sized peer cities (\$30.6M compared to \$68M).

FIGURE 16. Louisville Parks and Recreation Budget Over Time (FY13-FY23)



ASSUMPTIONS ABOUT THE CHANGE IN THE METRO GOVERNMENT BUDGET FOR PARKS & RECREATION

The *Parks For All* statistically valid survey results indicate overwhelming public support for increased public spending on Louisville Parks and Recreation. More than 86% of respondents want to see at least some increase in Metro Government’s allocations to Parks and Recreation, and more than 52% of respondents want to see a significant increase in funding to bring public spending on Louisville Parks and Recreation up to the national average.

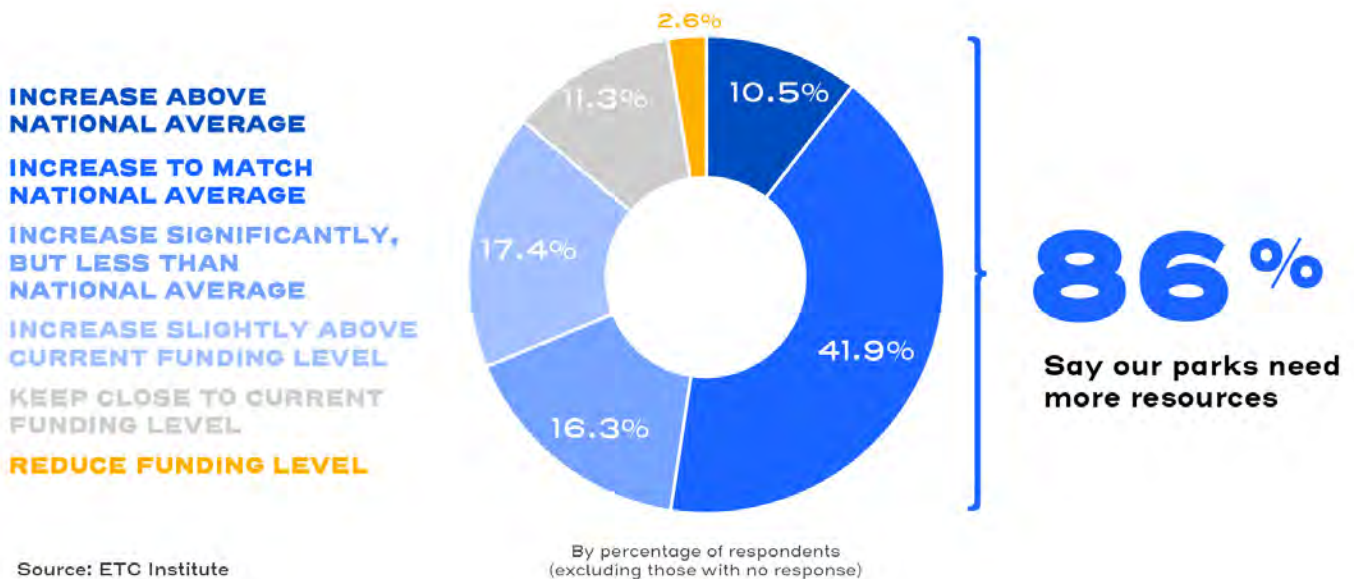
However, given the significant gap between Louisville’s current level of funding for Parks and Recreation and the national average, it will take time to both build up the financial resources and the Department’s capacity to spend those resources on an annual basis.

Parks For All proposes a 15-year process to bring public spending on Parks and Recreation in line with the national average for comparably sized cities.

Additionally, Metro Government’s general fund dollars cannot provide the sole source and solution to right-size Louisville Parks and Recreation’s budget. Rather, the philanthropic community – and the community at large – both have a role to play. Louisville’s level of philanthropic giving (roughly \$2.1M per year in FY19) to the park system is 26% of the national average for comparably sized cities (\$8.3M per year). In addition to increased contributions from local foundations and philanthropists, the Louisville community demonstrated open-mindedness and a high degree of support for the idea of paying some amount of additional taxes specifically to support improvements to Louisville’s Park and Recreation System.

FIGURE 17. Statistically Valid Survey Results on Spending for Parks and Recreation

How would you like to see Louisville Metro Government’s per capita spending for the Parks & Recreation Department change?
by percentage of respondents (excluding “not provided” responses)



More than 81% of respondents to *Parks For All's* statistically valid survey said they would be willing to spend at least \$0.01 on every \$100 of taxable property. Nearly two-thirds of respondents (65.6%) said they would spend at least \$0.02 on every \$100 of taxable property. A one-cent park tax levy would generate an additional \$8.2M annually, at today's property values, for Louisville Parks and Recreation, enough to double Metro Government's FY23 capital budget for Parks and Recreation.

With more than a 2:1 ratio of respondents who said they would vote in favor (36.3%) of a park tax levy compared to those who wouldn't (16.6%), a park tax levy could be a strong option to increase resources for the public parks and recreation system.

FIGURE 18. Statistically Valid Survey Results on Additional Tax for Parks and Recreation

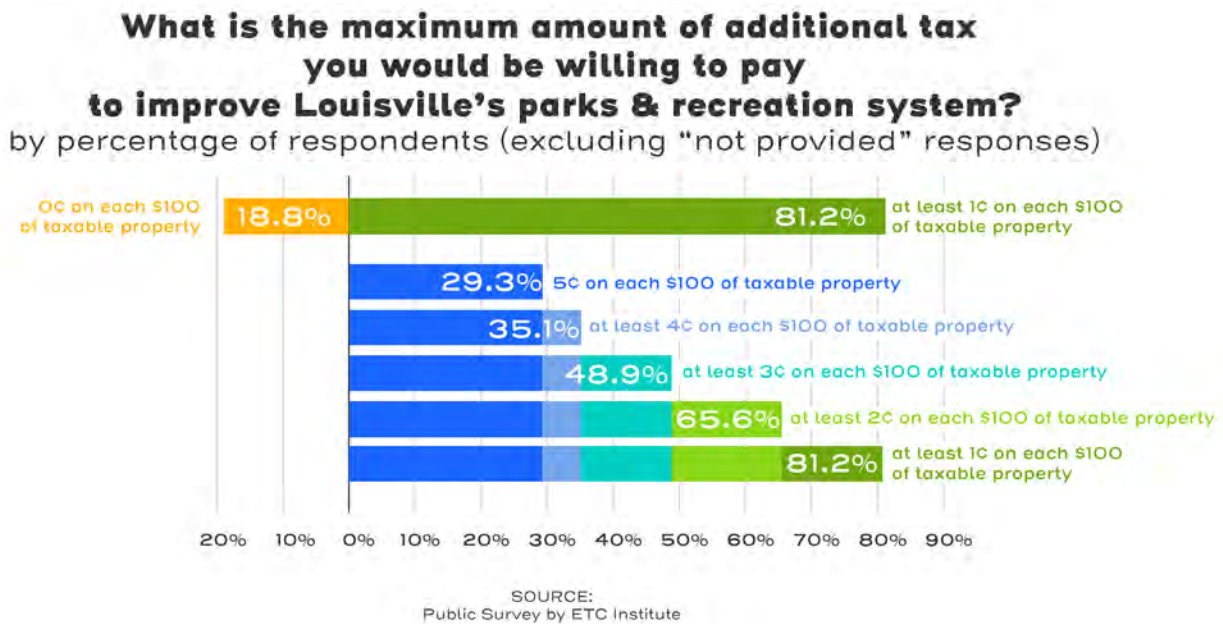
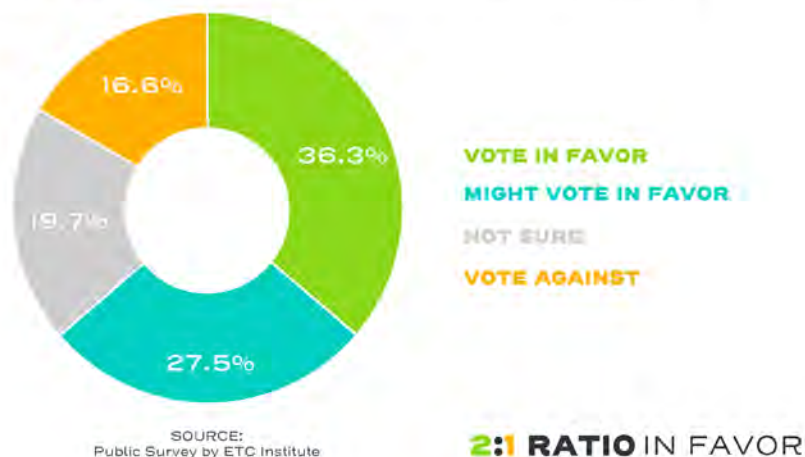


FIGURE 19. Statistically Valid Survey Results on Possible Tax Levy Parks and Recreation

How might you vote on a tax levy to fund increased spending for the Louisville Parks & Recreation Department?

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

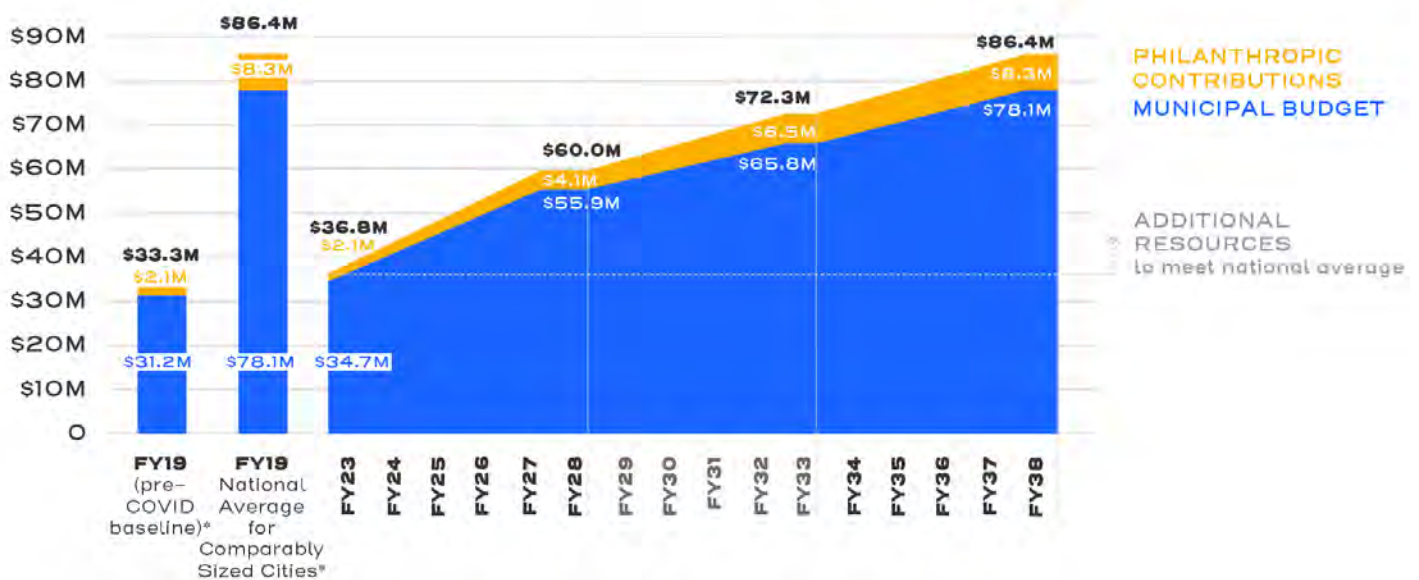


THE REVISED OPERATING & CAPITAL BUDGETS FOR PARKS & RECREATION

Parks For All proposes a 15-year plan to increase Louisville Parks and Recreation’s budget from a pre-COVID baseline (total spending on parks and recreation according to the Trust for Public Land (TPL)) of \$33.3M in FY19 to \$86.4M, which is the FY19 national average for comparably sized cities. The 15-year plan can be achieved through one of two approaches to bring funding for Louisville’s parks and recreation system in line with the national average.

- **Funding Approach A** adds resources from two sources – additional funding from the Metro budget and additional philanthropic contributions
- **Funding Approach B** adds resources from three sources – additional funding from the Metro budget, additional philanthropic contributions, plus a park tax levy

FIGURE 20. Funding Approach A for Louisville Parks and Recreation



* SOURCE: TPL ParkScore Data (total spending on parks and recreation, including Louisville Loop, trees, etc.)



In Funding Approach A, the Metro budget's allocation to Parks and Recreation would more than double, increasing from \$34.7M in FY23 to \$78.1M in FY38 (an average of \$2.89M in additional dollars per year.) To meet the national average of philanthropic giving to comparably sized park systems, Louisville's philanthropic community would need to quadruple annual giving from \$2.1M to \$8.3M per year by FY38 (an average of \$413,000 additional dollars per year.)

In Funding Approach B, the Metro budget's allocation to Parks and Recreation would double, increasing from \$34.7M in FY23 to \$69.9M in FY38 (an average of \$2.34M in additional dollars per year.) Philanthropic giving in this scenario would be the same approach as funding in approach A.

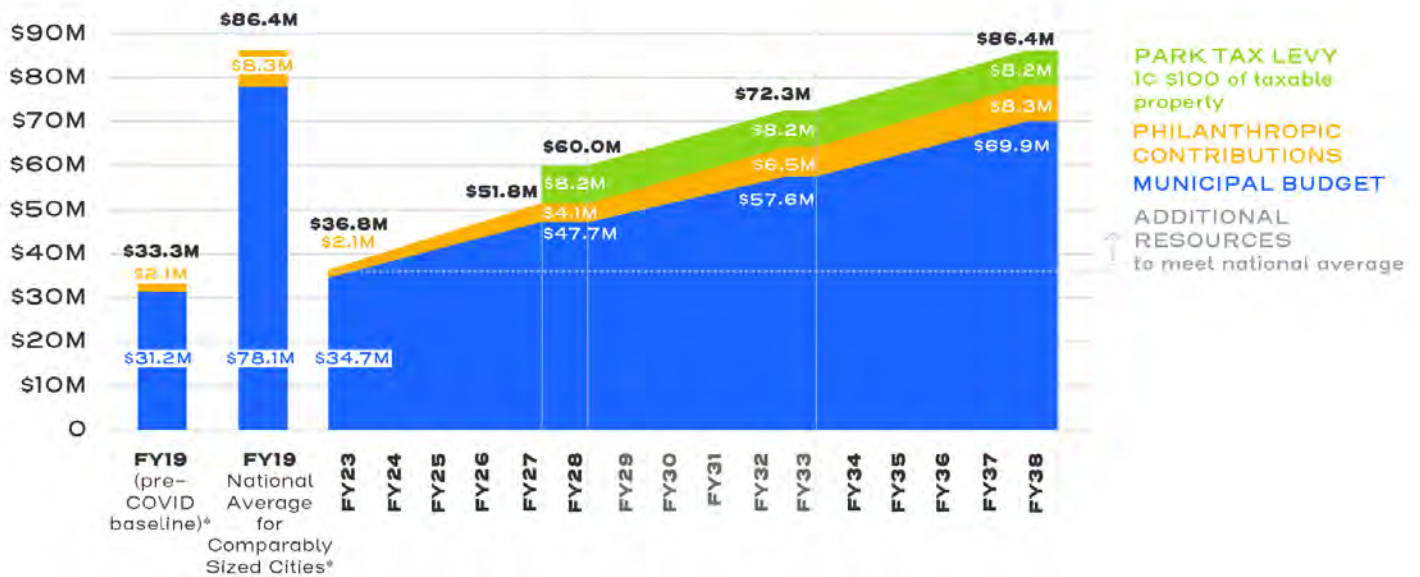
The third source of revenue would provide an additional \$8.2M; raised by a park tax levy of \$0.01 per \$100 of taxable property, based on 2022 estimates.

Should a park levy campaign move forward, the ballot measure should be written to cover both operations and capital expenses for Louisville Parks and Recreation, providing a sustained and flexible source of augmented funds for the public park system.

The revenue dollars presented in the two funding approaches do not include inflationary increases so will need to be adjusted in the future.

Appendix E (pages 189–190) provides the detailed Funding Distribution information for Funding Approach A and Approach B.

FIGURE 21. Funding Approach B for Louisville Parks and Recreation



* SOURCE: TPL ParkScore Data (total spending on parks and recreation, including Louisville Loop, trees, etc.)

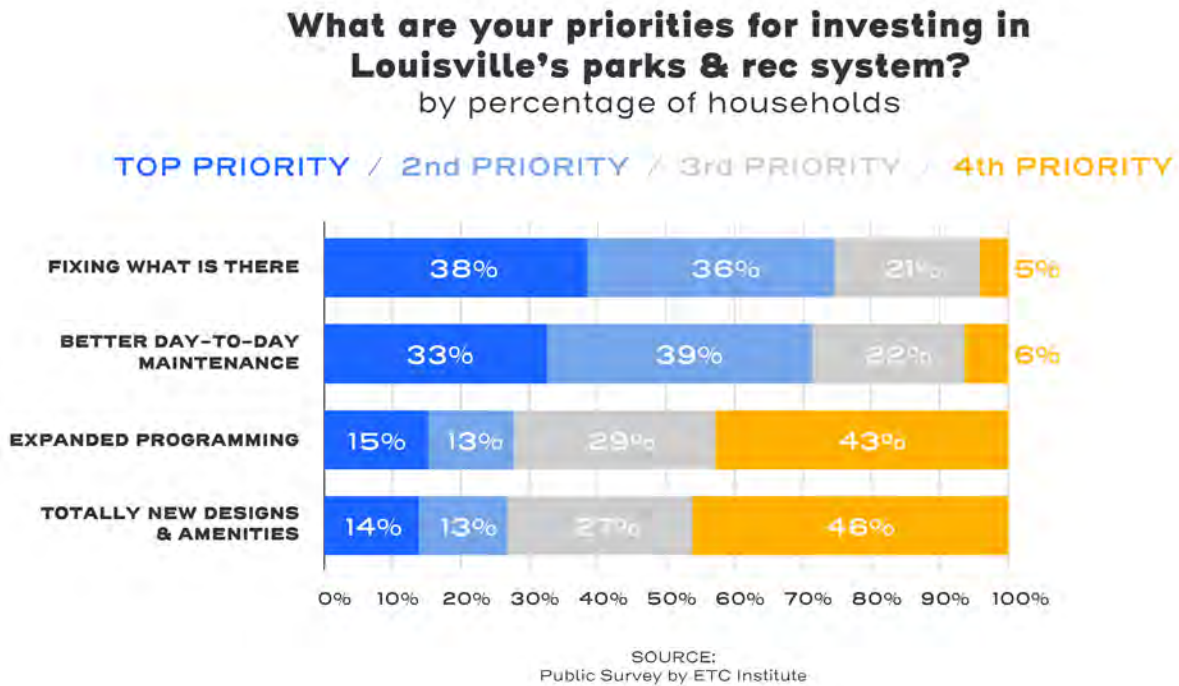


RULES OF ALLOCATING FUNDS

According to *Parks For All's* statistically valid survey, the public's top priorities for investing in Louisville's Park and Recreation System were, in order of preference: rehabilitation of existing assets or "fixing what is there" (38%), better day-to-day maintenance (33%), expanded recreation programming (15%), and then capital improvements or investments in "totally new designs and amenities" (14%). These priorities form the foundation for the budget recommendations for any new parks and recreation dollars for the implementation of *Parks For All*. The budget recommendations utilized the FY23 funding for Parks and Recreation as the baseline with recommended increases. All recommended increases are in addition to the baseline. Over time, the existing budget allocations should be adjusted to ensure all resources are allocated in an equitable manner.

The draft budget recommendations reflect the public's priorities but reduce the recommended percent share of new funds proportionally across each of the four key areas of investment to reserve 10% of the new funds for strategic administrative support functions and services and operational oversight of *Parks For All* implementation efforts. The recommended annual budget allocations, based on the adjusted percent shares, are as follows: 34% for rehabilitation, 30% for maintenance, 13.5% for recreation programming, 12.5% for capital improvements, and 10% for strategic administrative support.

FIGURE 22. Statistically Valid Survey Results on Budget Priorities for Parks and Recreation



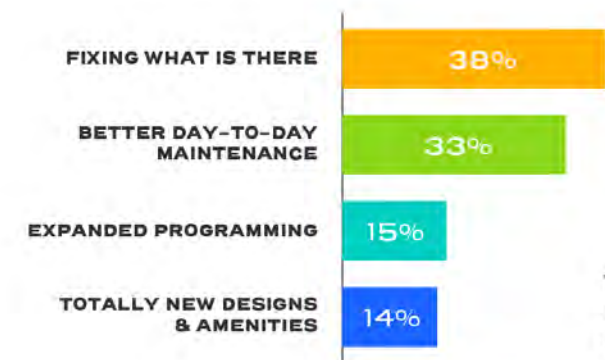
By year 15, the plan calls for an additional \$16.86M for rehab, \$14.88M for maintenance, \$6.70M for recreation programming, and \$6.2M for capital.

Over the course of the 15 years, as the new resources enable Louisville Parks and Recreation to significantly reduce and eventually eliminate the deferred maintenance backlog, excess rehab dollars can and should be reallocated to support additional capital projects, while retaining enough rehab dollars to support regularly scheduled investments to repair and restore existing amenities going forward.

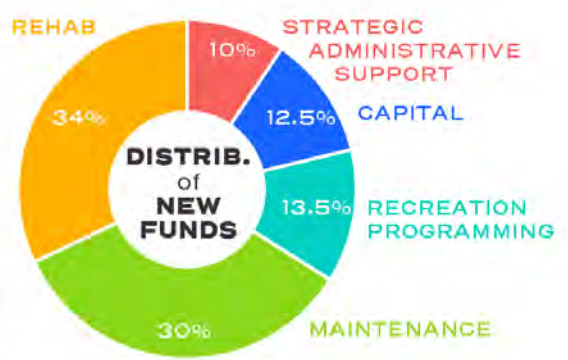
For each key investment area (rehab, maintenance, recreation programming, and capital), more detailed budget recommendations are informed by the *Parks For All* statistically valid survey and the equity analysis undertaken to guide capital investments in parks and community centers throughout the system.

FIGURE 23. *Using Survey Results to Inform Budget Recommendations*

What is your top priority for investing in Louisville’s parks & rec system?
by percentage of households



Budget Recommendations
by investment type



Translating survey results into budget recommendations

SOURCE:
Public Survey by ETC Institute



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California Park



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AND RECREATION

THIS PLAYGROUND IS
RECOMMENDED FOR
CHILDREN 5-12 YEARS OF
AGE AND REQUIRES
USER TO HAVE
SUFFICIENT STRENGTH
AND COORDINATION.
ADULT SUPERVISION
STRONGLY
RECOMMENDED



THE REHABILITATION BUDGET

(FIXING WHAT IS THERE)

INTRODUCTION

Overall, rehabilitation—or fixing what is there—is the top priority for Louisville households. Because the necessary resources have not been available to care for park assets, many of them have lost their functionality and are unsafe. For an improved parks and recreation system, all sites and facilities require regularly scheduled investments to repair and restore existing amenities to extend their life, maintain safety, and increase functionality.

Equitable investments in rehab must balance:

1. The need to fix urgent issues first, ensuring amenities that are in the worst condition receive early attention.
2. Coordination with capital improvement plans, to ensure rehab efforts focus on parks not slated to receive capital investments in the near future.
3. Responsiveness to public priorities in determining how to deploy new resources allocated for *Parks For All* implementation.

PUBLIC PRIORITIES

To understand public priorities for rehabilitation, the survey asked respondents two key questions: which recreation facilities or amenities are most important to their household and how fully their needs for various recreation facilities or amenities are met. By blending the results from these questions on unmet need and importance, the **survey results provide insight into the top rehab priorities Metro-wide, with multi-use trails (both paved and unpaved), restrooms, and water fountains or bottle filling stations receiving the highest priority, followed by swimming pools.**

While there is consistency across groups, the survey found that households with young children are three times more likely to prioritize playgrounds; Hispanic households are nearly twice as likely to prioritize pavilions, and they place greater emphasis on outdoor restrooms too; and households earning less than \$35K/year and between \$100–140K/year place greater emphasis on the importance of outdoor restrooms.



FIGURE 24. Statistically Valid Survey Results on Facility and Amenity Needs

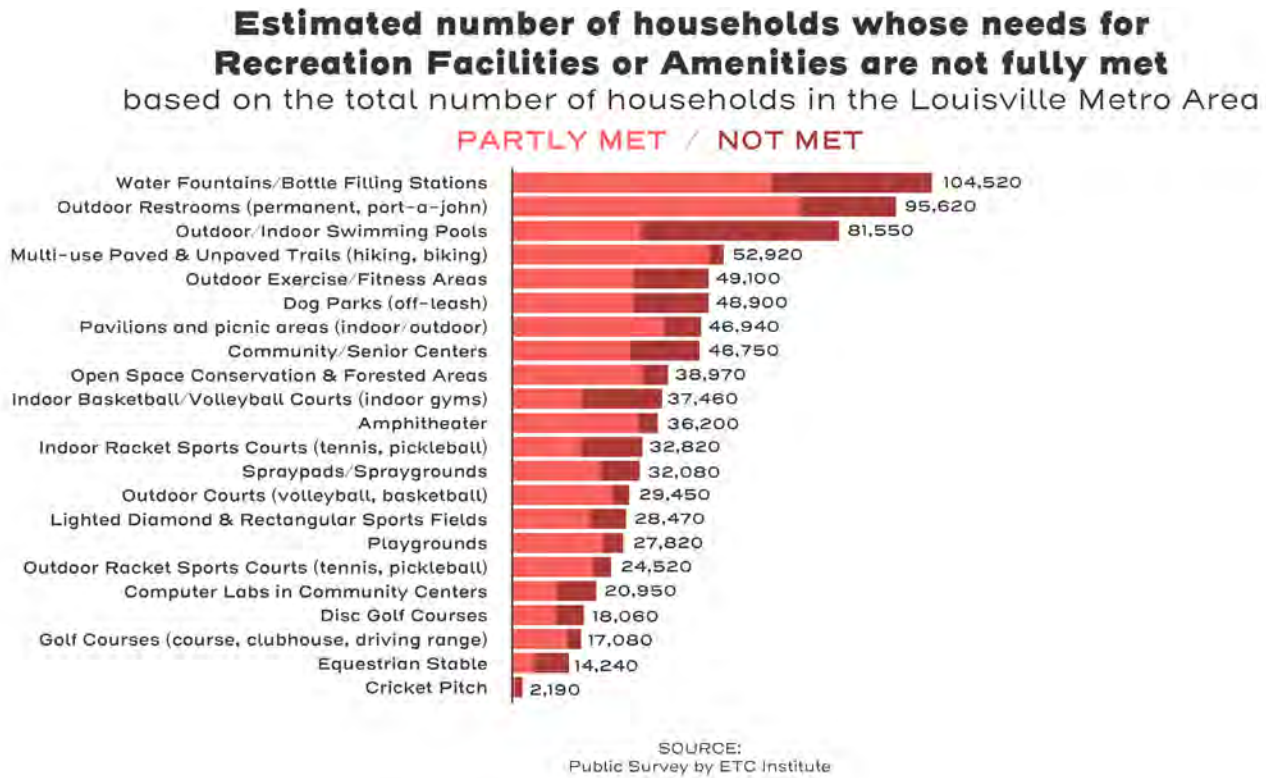


FIGURE 25. Statistically Valid Survey Results on Facility and Amenity Priorities

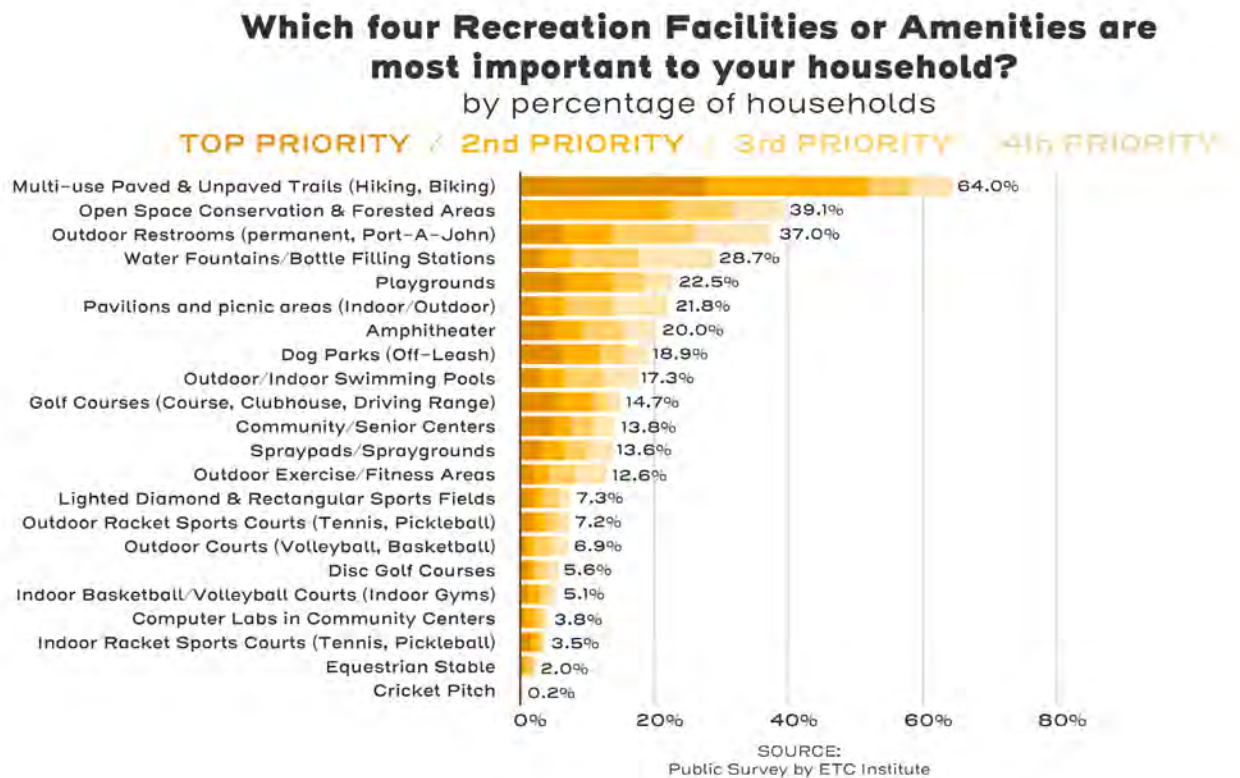


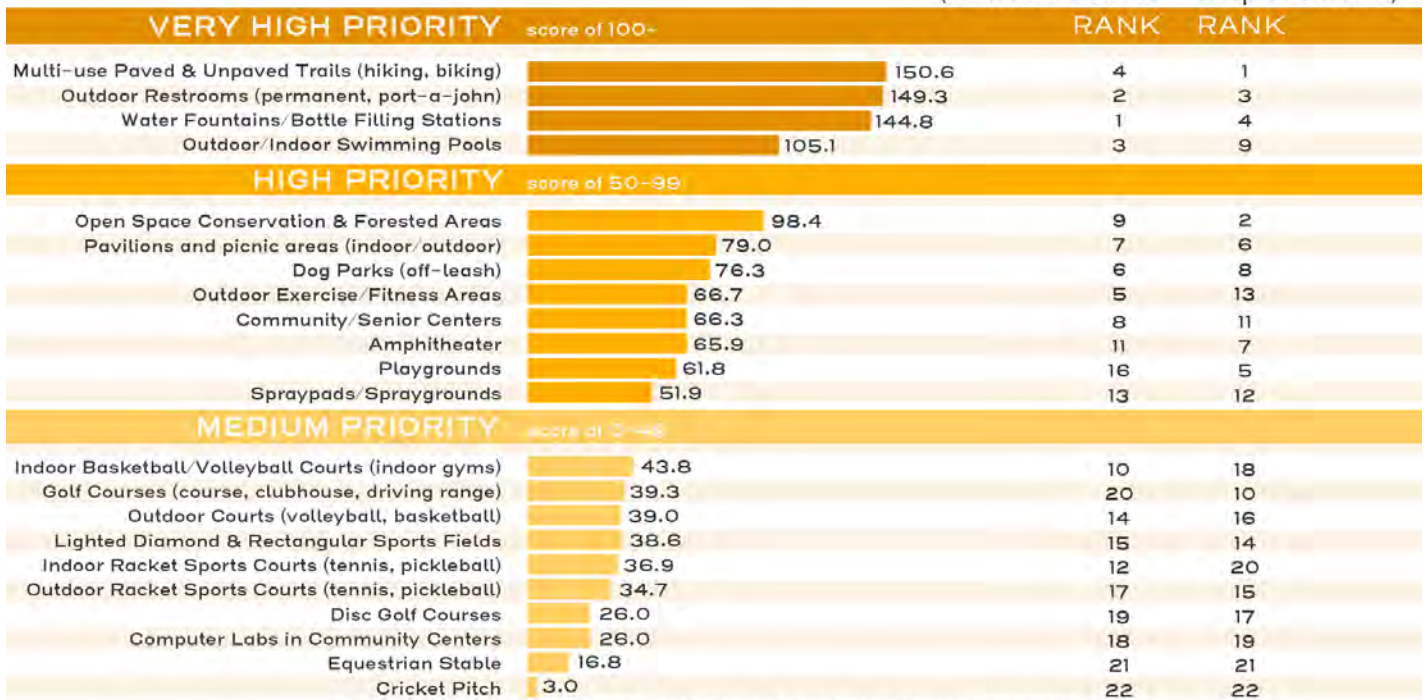
FIGURE 26. Statistically Valid Survey Results Comparing Facility and Amenity Priorities

Which four **RECREATION FACILITIES/AMENITIES** are most important to your household?



FIGURE 27. Statistically Valid Survey Results on Facility and Amenity Priorities

Top Priorities for Investment in Recreation Facilities & Amenities
(Unmet Need + Importance)



SOURCE: ETC Institute (Ranked by adding Unmet Need score to Importance score)



BUDGETING NEW FUNDS FOR EQUITABLE REHABILITATION ACROSS MAJOR CATEGORIES OF ASSETS

The recommended budget allocations for new rehab dollars are based on 34% of the projected additional revenue committed or generated for Parks For All implementation. Based on both funding models, new dollars for rehabilitation should reach \$7.2M by year five, and more than \$14M by year 15. These resources should be invested across a range of systems, while balancing public priorities, relative costs, and essential care tasks.

The table below presents Parks For All's recommended budget allocations for the new dollars raised for rehab, with 20% dedicated to Community, Recreation, and Senior Centers; 15% to paths, trails, and sidewalks; 14% dedicated to park amenities such as restrooms, water

bottle filling stations, and so on. These allocations are based on the priorities of Louisville residents according to the Parks For All statistically valid survey and the differential asset investment costs. Where a range is presented (critical repairs, lighting, and below-grade infrastructure), the budget allocations use the high end of the range in the early years to address urgent issues, and then step down to the low end of the range in the future once significant progress has been made to address the urgent issues.

See Appendix E (pages 189–190) for detailed Funding Distribution information for Rehabilitation.

FIGURE 28. Recommended Budget Allocations of New Dollars for Rehabilitation, based on 34% of projected additional revenue from Metro Government General Fund

		by FY28	by FY33	by FY38	
CUMULATIVE NEW RESOURCES FOR REHAB* ACTIVITIES OVER FY23:		\$7,208,000	\$10,574,000	\$14,756,000	
Recommended Uses for New Rehab Dollars (simplified categories)		% share*			
PUBLIC REHAB PRIORITIES	Paths, Trails & Sidewalks	15%	\$1,081,200	\$1,586,100	\$2,213,400
	Park Amenities (restrooms, water bottle filling stations, pavilions & picnic areas, dog parks, exercise fitness areas, public art & memorials)	14%	\$1,009,120	\$1,480,360	\$2,065,840
	Pools & Sprayspads/Spraygrounds	12%	\$864,960	\$1,268,880	\$1,770,720
	Open Space Conservation & Forested Areas	5%	\$360,400	\$528,700	\$737,800
	Community/Recreation/Senior Centers	20%	\$1,441,600	\$2,114,800	\$2,951,200
	Specialty Facilities (amphitheater, tennis center, historic homes)	4%	\$288,320	\$422,960	\$590,240
	Playgrounds	5%	\$360,400	\$528,700	\$737,800
	Golf	2%	\$144,160	\$211,480	\$295,120
	Sports Facilities (basketball, volleyball, diamond & rectangular fields, netted sports, disc golf, equestrian, cricket)	5%	\$360,400	\$528,700	\$737,800
	ESSENTIAL CARE				
Critical Repairs	2–6%	\$360,400	\$317,220	\$295,120	
Lighting & Below Grade Infrastructure	9–13%	\$720,800	\$1,268,880	\$1,918,280	
Operations Facilities	3%	\$216,240	\$317,220	\$442,680	

* Once caught up on deferred maintenance and better preventive maintenance practices are in place, can shift significant percentage of rehab dollars to capital and make additional necessary upgrades to operations facilities

PLANNING FOR REHAB INVESTMENTS

Rehab efforts must be closely coordinated with capital improvement plans to ensure rehab dollars are not invested in sites slated for demolition, re-design, or reconstruction in the near future. Rehab efforts should also be coordinated with the recreation center plans to expand center operational hours, center program delivery, and the transformation of the centers to the neighborhood, community, and regional center model. Rehab efforts should focus on assets that scored poor or fair at parks and recreation sites rather than on those at sites that overall scored fair or better. While rehab efforts should use the Metro-wide results as the guideposts, attention should also be given to the nuanced results for various segments of the Louisville community to ensure that those needs are addressed.

Parks and facilities maintenance teams, in partnership with the capital and recreation teams, should develop rehab and preventive maintenance plans that first address critical repairs and then build toward a regular rehab cycle. Rehab cycles should prioritize regular assessments and repairs of each asset or building system to reduce and eventually avoid major emergencies and breakdowns.

In time, and with the help of these additional resources, Louisville Parks and Recreation will work through its deferred maintenance back-log. Once the Department catches up on deferred maintenance and has effective preventive maintenance practices in place, *Parks For All* recommends shifting a significant percentage of the \$10M to \$14M annual rehab dollars to capital improvements.





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THE MAINTENANCE BUDGET

INTRODUCTION

Louisville Parks and Recreation has a hard-working and dedicated staff, but the Department has struggled to achieve the satisfactory level of maintenance required to keep the entire park system in good condition due to severely limited resources. **Without sufficient staffing, adequate equipment, and necessary materials and supplies it is especially challenging to conduct regular, quality upkeep tasks including waste pickup, mowing, sidewalk maintenance, tree care, and other tasks.**

Better day-to-day maintenance is the second priority of Louisville residents according to the *Parks For All* statistically valid survey. For maintenance, equitable investment means applying the same standards at every park in every neighborhood. This requires consistent standards of care for all maintenance activities across the entire parks and recreation system, made possible with improved methods for tracking and reporting work and progress. As with rehab, responsiveness to public priorities related to maintenance is also key in determining how to deploy new resources allocated for *Parks For All* implementation.

PUBLIC PRIORITIES

To understand public priorities for maintenance, the survey asked respondents to rate their satisfaction with a range of different maintenance activities and to prioritize the top four maintenance activities of greatest importance to their household. By blending the results from these questions on satisfaction and importance, the **survey results provide insight into the top maintenance priorities Metro-wide, with restroom maintenance, graffiti removal and vandalism repair, and paved path or sidewalk maintenance comprising the highest priorities,** followed by mowing, waste pickup, landscape care, trail upkeep, and playground safety.

As is the case for Louisville's rehab priorities, there is strong consensus among residents' maintenance priorities. Improved restroom maintenance was the clear priority across groups, except for households with children under 10 that prioritized playground safety and households 55 and over who prioritized safe walking paths and sidewalks. Households with young children also prioritized maintenance of pools and spray features above other household types.



Thurman Hutchins Park
Parks Alliance of Louisville



FIGURE 29. Statistically Valid Survey Results on Maintenance Satisfaction

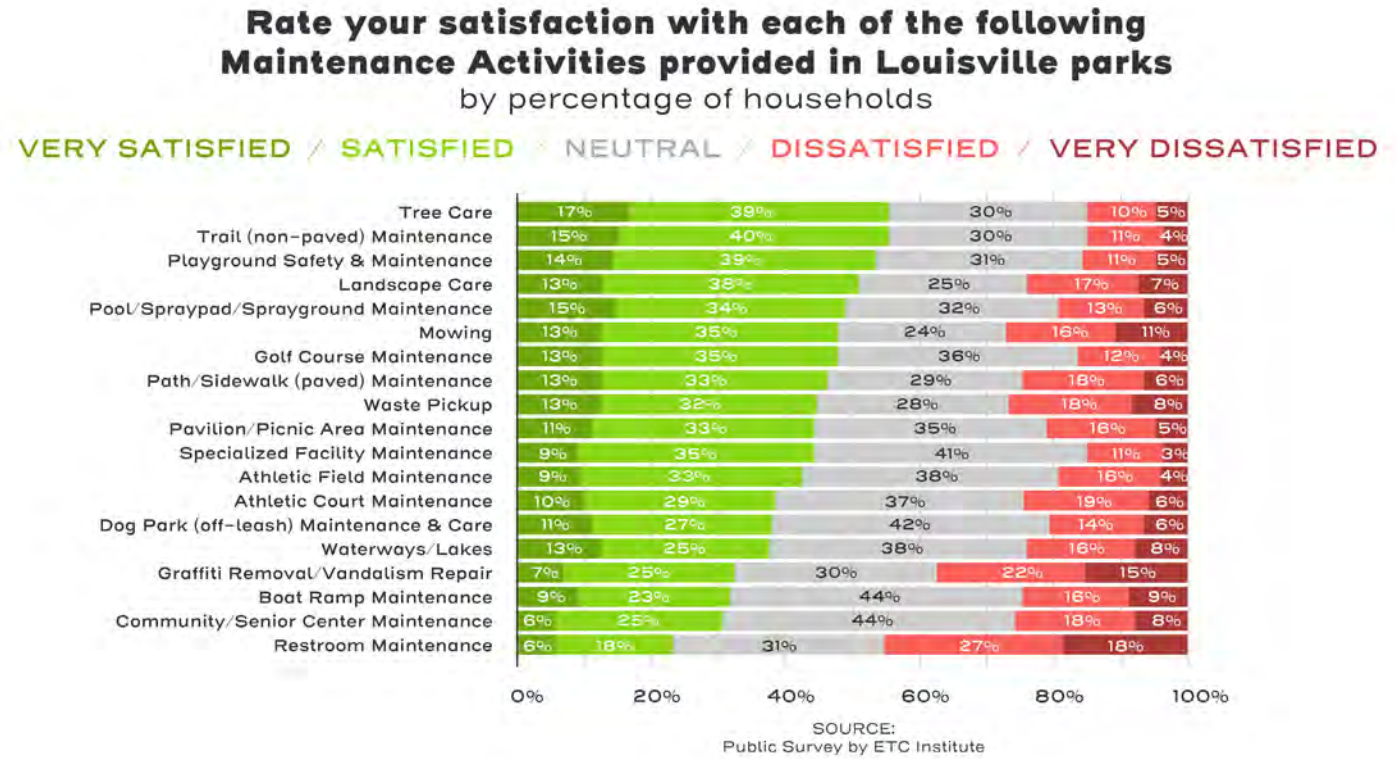


FIGURE 30. Statistically Valid Survey Results on Maintenance Priorities

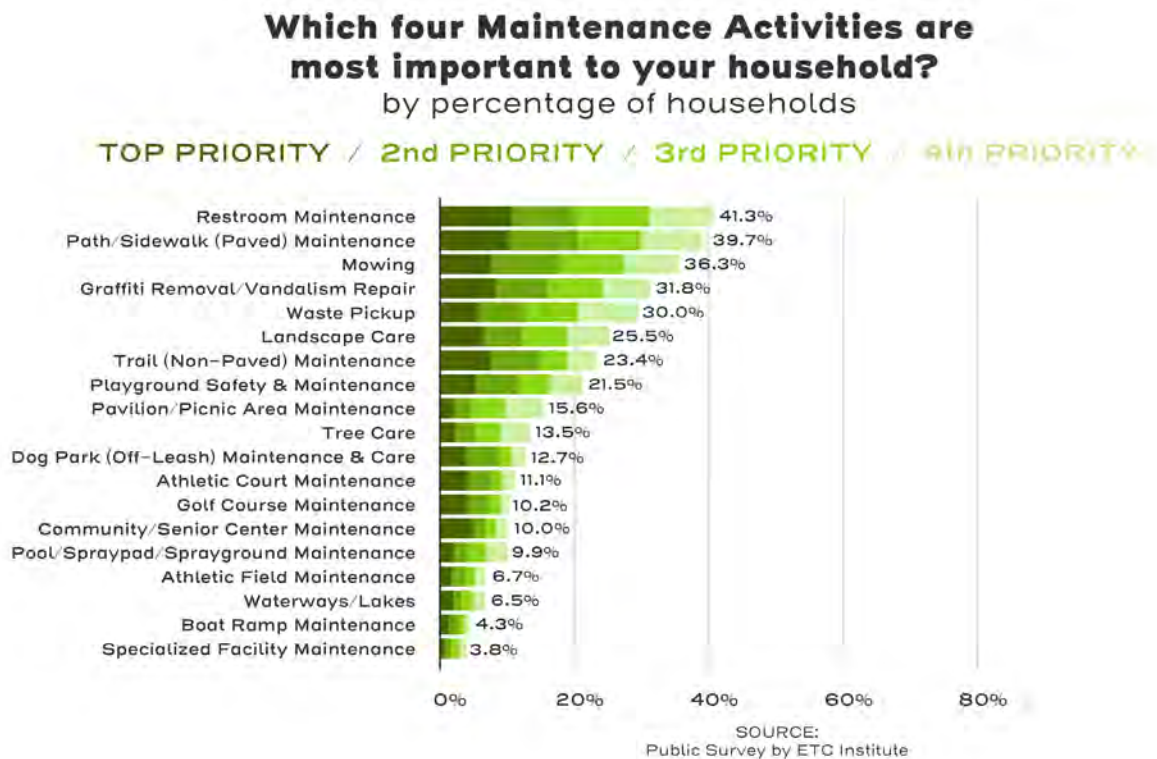


FIGURE 31. Statistically Valid Survey Results Comparing Maintenance Priorities

Which four **MAINTENANCE ACTIVITIES** are most important to your household?



FIGURE 32. Synthesis of Statistically Valid Survey Results on Maintenance Priorities

Maintenance Priorities		(Importance vs. Satisfaction)			
RANK	VERY HIGH PRIORITY	%	RANK	%	RANK
1	Restroom Maintenance	41.3%	1	23.4%	19
2	Graffiti Removal/Vandalism Repair	31.8%	4	32.4%	16
3	Path/Sidewalk (paved) Maintenance	39.7%	2	46.3%	8
HIGH PRIORITY					
4	Mowing	36.3%	3	48.5%	6
5	Waste Pickup	30.0%	5	44.9%	9
6	Landscape Care	25.5%	6	51.0%	4
7	Trail (non-paved) Maintenance	23.4%	7	55.4%	2
8	Playground Safety & Maintenance	21.5%	8	53.5%	3
MEDIUM PRIORITY					
9	Pavilion/Picnic Area Maintenance	15.6%	9	44.4%	10
10	Tree Care	12.7%	11	38.0%	14
11	Dog Park (off-leash) Maintenance & Care	10.0%	14	30.7%	18
12	Athletic Court Maintenance	11.1%	12	38.5%	13
13	Golf Course Maintenance	13.5%	10	55.6%	1
14	Community/Senior Center Maintenance	10.2%	13	48.1%	7
15	Pool/Spraypad/Sprayground Maintenance	9.9%	15	49.1%	5
16	Athletic Field Maintenance	6.5%	17	37.7%	15
17	Waterways/Lakes	6.7%	16	42.6%	12
18	Boat Ramp Maintenance	4.3%	18	31.7%	17
19	Specialized Facility Maintenance	3.8%	19	44.4%	11

SOURCE: ETC Institute (Ranked by multiplying Most Important % by (1-Satisfaction %))



BUDGETING NEW FUNDS FOR EQUITABLE MAINTENANCE PRACTICES

The recommended budget allocations for new maintenance dollars are based on 30% of the projected additional revenue committed for *Parks For All* implementation. Additional resources will allow the Department to hire more staff and purchase the equipment necessary to enable a significant increase in the frequency of key maintenance activities that residents say are most important. New funds for maintenance will be distributed to:

1. Assess the level of care for each maintenance activity across the park system.
2. Establish a consistent and higher standard of care for each maintenance activity.
3. Adopt a method for tracking and reporting progress over time to meet the established standard of care for each maintenance activity.

As additional funds become available over the 15-Year Plan, additional maintenance activities can be improved and standardized, and the standard of care for maintenance activities can be raised each year.

Based on both funding models, the budget for maintenance should yield an additional \$1.44M in year one and an additional \$6.36M in year 5. By year 15, the new funds for maintenance will yield \$13M. The table below illustrates *Parks For All's* recommended budget allocations for the new dollars raised for maintenance, with the majority of funding (65% in the early years and up to 80% in future years) dedicated to staff – more staff to be able to cover more ground on a daily basis, plus the addition of staff in skilled trades to support the Department's work to steward the system.

The recommended budget allocations again present a range, anticipating greater upfront investment in improved practices (5% in the early years, stepping down to 2% in future years for assessments) and equipment (30% in the early years, stepping down to 18% in future years).

See Appendix E (pages 189–190) for detailed Funding Distribution information for Maintenance.

FIGURE 33. Recommended Budget Allocations of New Dollars for Maintenance, based on 30% of projected additional revenue from Metro Government General Fund

		by FY28	by FY33	by FY38
CUMULATIVE NEW RESOURCES FOR MAINTENANCE ACTIVITIES OVER FY23:		\$6,360,000	\$9,330,000	\$13,020,000
Recommended Uses for New Maintenance Dollars	% share*			
Improved Practices & Assessment	2-5%	\$254,400	\$279,900	\$260,400
New Funds for Equipment	18-30%	\$1,653,600	\$1,586,100	\$2,343,600
Park & Facilities Maintenance Staff	65-80%	\$4,452,000	\$7,464,000	\$10,416,000

* Expect greater investment in improved practices and equipment in early years, shifting to greater investment in staffing in out years

Public Maintenance Priorities should guide efforts of staff, focused on improving service in the top-priority areas:

VERY HIGH PRIORITY

- Restroom Maintenance
- Path / Sidewalk (paved) Maintenance
- Graffiti Removal / Vandalism Repair

HIGH PRIORITY

- Mowing
- Waste Pickup
- Landscape Care
- Trail (non-praved) Maintenance
- Playground Safety & Maintenance

MEDIUM PRIORITY

- Pavilion / Picnic Area
- Golf Course Maintenance
- Tree Care
- Athletic Court Maintenance
- Community/Senior Center Maintenance

- Pool/Spraypad/Sprayground Maintenance
- Dog Park (off-leash) Maintenance & Care
- Waterways/Lakes
- Athletic Field Maintenance
- Boat Ramp Maintenance
- Specialized Facility Maintenance

MAINTENANCE PRACTICE IMPROVEMENTS & ONGOING ASSESSMENT

Maintenance practice improvements must be coordinated across the entire park and recreation system, and documented utilizing industry best practices. The maintenance practice improvements and establishment of maintenance standards of care for each activity must be prioritized based on feedback received from the community. Benchmark maintenance standards, tied to industry best practices, will create department goals to achieve over time.

While gathering the industry best maintenance practices, staff must document the current workflow for each activity in each district within the Maintenance Division, starting with activities in the very high priority category. With this documentation, gaps and duplication in service practices should be noted to provide the Department a baseline for each activity. Baseline information should be used to establish new seamless and systematic workflow processes for each activity. Consistent implementation across Maintenance Divisions will ensure equitable distribution of maintenance services.

Tying staffing and equipment to these workflow processes is critical to ensure there is adequate staffing and equipment to complete the work. Once the workflow process is established, the Department will need to align staffing (i.e., number of people, skills, abilities, certifications needed) and equipment requirements to perform the work along with the financial resources available for the establishment of the standard of care for each activity (i.e., a 14-day mowing cycle). It is also important to review material and supply needs for each activity to ensure adequate materials and supplies are available for each activity. Once established, it is critically important that the standard of care occurs Metro-wide, with ongoing monitoring and reporting and necessary adjustments for efficient and effective implementation.

Once standards of care have been established, including staffing and equipment requirements, staff training must be provided. Trainings should ensure all employees performing the work understand the new maintenance practices, standards, protocols, and expectations. Additionally, prior to implementation, other Department staff, elected officials, and the public need to be informed of the changes being implemented.

As resources continue to be increased over the 15-Year Plan, ongoing assessments, reporting, and minor adjustments to these maintenance practices can be made. Additionally, gradual upgrading of the maintenance standards of care should be made to meet industry best practices.

Once the Department establishes consistent maintenance practices and has adequate staffing, equipment, and supplies, the condition and quality of the park and recreation system will improve dramatically as will the public's level of satisfaction with the overall maintenance and care provided. The Department will be able function as a well-oiled machine rather than constantly needing to respond to emergency requests, allowing time to adequately care for the system.



PARK & FACILITY MAINTENANCE STAFFING & EQUIPMENT NEEDS

Louisville Parks and Recreation’s staffing levels are very low, with 3.6 Full-time Employees (FTEs) per 10,000 residents as compared to 4.7 FTEs per 10,000 residents nationwide. When looking at Louisville Parks and Recreation staffing levels compared to the 17 U.S. cities of comparable size in 2019, Louisville had 280 FTEs; the 17 cities involved in the comparison had an average of 480 FTEs. When adding part-time and seasonal staffing levels to the mix, the staffing numbers for Louisville are much worse; in 2019, Louisville Parks and Recreation averaged 383 total employees, whereas the 17 comparable cities had an average of 720 employees.

This shortage of staff cuts across the entire organization, with the lack of park and facility maintenance staff being evident in the fair to poor condition of many parks and facilities. There simply are not enough staff to perform basic park and facility maintenance activities within the park and recreation system, let alone provide the higher-level service needs of the system. It is estimated the additional dollars raised for maintenance through *Parks For All* will translate to 30 new park and building maintenance positions within the first five years, another 35 positions in years five to 10, and an additional 40 positions in years 11–15, for a total of 105 new positions by year 15, effectively increasing the maintenance staff by 255%.

The park system is also starved of equipment and vehicles to care for the park land, assets, buildings, and the Metro’s urban forest. The Department does not have enough vehicles and park maintenance equipment to provide the appropriate level of maintenance for a park system the size and complexity of the Louisville system. The challenge of not having enough vehicles and equipment is made worse given the age of the vehicles and equipment the staff have at their disposal. More than 50% of Louisville Parks and Recreation vehicles and equipment are at least 15 years old, and many are 20 years or older resulting in excess down time due to equipment breakdowns, if the equipment functions at all. Staff, therefore, spend an inordinate amount of time repairing the equipment, taking staff away from the precious time they have to perform maintenance work. Specific vehicle and equipment policy and practices recommendations are provided on pages 103–105 of this report.

The vehicles and equipment utilized by the Department are insufficient and inadequate. This lack of equipment and vehicles, added to extraordinarily low staffing levels, makes it impossible to adequately maintain the park system.



Portland Park
Parks Alliance of Louisville



Maintenance issues at Baxter Square
Interface Studio



Summertime in Louisville
Louisville Parks and Recreation

THE RECREATION BUDGET

INTRODUCTION

The recreation portion of the budget for Louisville Parks and Recreation is very limited for the size of the system. In most urban park systems in the United States, the recreation budget includes costs for managing recreation centers, recreation facilities like pools and sports fields, and recreation programs and events. **In urban parks and recreation systems, recreation budgets usually make up between 42% to 45% of the total operational budget for the system. However, in Louisville the recreation budget for community centers, sports fields, pools, historic properties, golf, Amphitheater, and program services makes up only 30% (approximately \$8 million) of the total Parks and Recreation annual budget.**

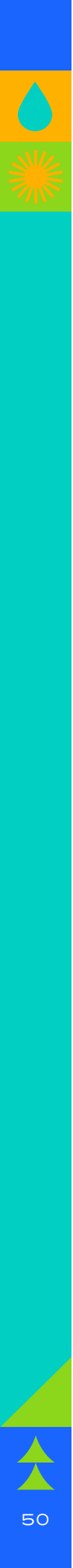
In addition, the Department generates approximately \$1.2 million from recreation services, which is 4.8% of the total park and recreation budget. This income comes from fees associated with accessing pools, golf courses, some programs, and the Iroquois Amphitheater. Most of the recreation programs offered

are free to the community. In the U.S., park and recreation agencies in cities with populations over 250,000 recover on average 20.1% of their costs through fees and charges (based on the 2022 NRPA Agency Performance Review Report).

The Department does not have an effective user fee or revenue policy for recreation services, and it lacks the ability to track user enrollment to demonstrate how much a program is needed by the community. In other communities, people are typically willing to pay user fees to help offset operational costs. User fees are usually based on an additional value received for individualized programs or services, or for accessing recreation facilities. Not only does the lack of a fee structure or revenue policy minimize income, but any program fees collected by the Department must be returned to the General Fund. Given this current financial structure, there is no incentive for the Department to collect additional fees or create an effective revenue policy.



Wyandotte Park
Parks Alliance of Louisville



Currently, Metro Government does collect user fees for the golf courses, Iroquois Amphitheater, the Zoo, and other facilities like the pools, but does not collect money for various programs or events. Unless a facility is in the enterprise fund or contracted out, the Parks and Recreation Department staff cannot use those collected funds to improve facilities, hire more appropriate staff or contractors, buy supplies, or use these monies for enhancing programs because of this policy.

All urban park systems create revenue producing facilities and programs that give staff options on what and how to use the revenue to invest in the system. In most urban park systems, free programs make up approximately 30% of the programs offered, another 40% of the programs offered support the direct cost of the programs through user fees, and the remaining 30% cover both the direct and indirect costs associated with the program because the program or service is primarily individual based and has limited access. These programs include, as an example, golf course player fees, pool access fees, programs that are individual and exclusive based (i.e., swim lessons, golf lessons, space rentals for weddings or large picnic shelters). Many programs offered for free, at times, are perceived as having limited value and do not always meet users' expectations, with special events as the exception.

An effective pricing policy and revenue policy should not penalize services and staff for creating levels of value associated with a program or facility. The Department should be able to collect fees for programs, services, permits, reservations, concessions, lessons, instruction, parking, entrance fees and not be penalized for doing so by lowering the taxes the Department receives from Metro Government's General Fund.

An effective pricing policy usually includes three levels of options for users to access recreation facilities and programs. Examples of a three-tier pricing structure:

- **Option one or level one.** These are free programs that usually make up 30% of total programming. In this scenario, everyone receives the same level of benefit such as going to special events, accessing a non-reservable shelter for a group picnic, or using a non-reserved sports field for practice. (Many programs offered for free are perceived as having limited value and do not always meet users' expectations.)
- **Option two or level two.** These programs typically make up approximately 40% of programs offered by a park and recreation department. These program services have an associated public good and private benefit such as having the ability to have a reservation to use a park facility for exclusive use, or a permit to use an area of a park for hosting a wedding or offering special instruction for individuals. This exclusive benefit for use of a public facility service requires someone to pay for the value they receive.
- **Option three or level three.** These programs and services are offered for individual benefit only, and make up 30% of program fees in most agencies. These constitute strictly private use of facilities and programs where the only person or group that benefits is the one that gets the private use of a facility, program, or service. Examples include personal training, personal coaching for youth and adults, exclusive use of a city facility to make revenue off a private event, or exclusive use of a sports court or area of a park.

Classifying program services and facilities by these three categories provides the opportunity to serve the whole community.

PUBLIC PRIORITIES

Recreation is the third priority of Louisville residents according to the *Parks For All* statistically valid survey. To understand public priorities for recreation programs and activities the survey asked respondents to indicate how well their household's needs for recreation programs and activities are being met and to prioritize the four programs that are most important to their household. By blending the results from these questions on unmet need and importance, the survey results provide insight into the top recreation programs and activity priorities Metro-wide, with adult fitness programs (including water), special events/festivals, and family programs as the highest priorities, followed by senior programs, adult adapted recreation programs, adult swim programs, adult sports leagues, support services (family, youth, adult), teen/young adult workforce development programs, and competitive races (running, triathlon, bicycling).

Like rehab and maintenance, there is strong consensus among the highest priority recreation programs and activities. Special events/festivals and adult fitness programs were the clear priority activities, followed by family programs. Adult swim programs were a priority for households with income under \$35K and senior programs were a priority for households with incomes between \$35K – \$74.9K. Senior programs and support services were a priority for Hispanic households, while preschool and fitness programs were a priority for households with children under 10. Workforce development programs were a priority for households with children aged 10 – 19. Senior programs were a priority for households in Areas 5 (South West), 7 (South East Central), and 8 (South East).



Adult Basketball League
Louisville Parks and Recreation

FIGURE 34. Statistically Valid Survey Results on Recreation Program Needs

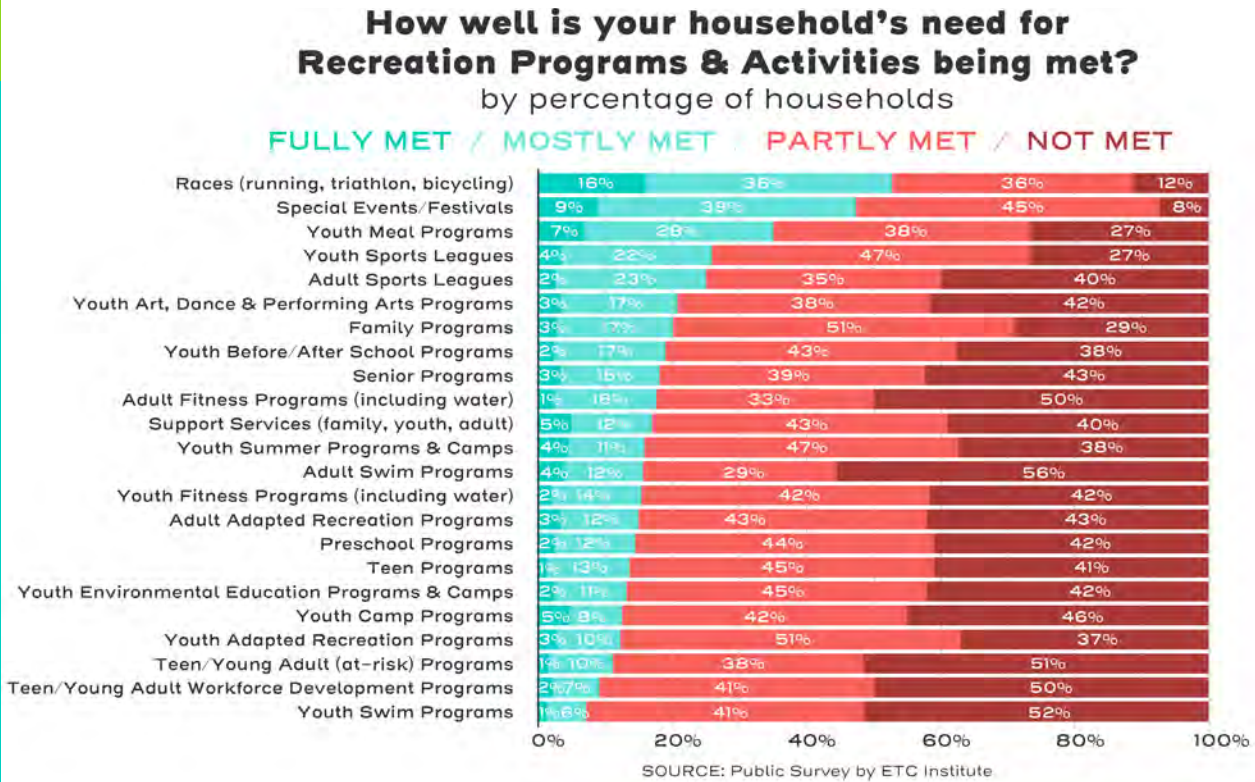


FIGURE 35. Statistically Valid Survey Results on Recreation Program Priorities

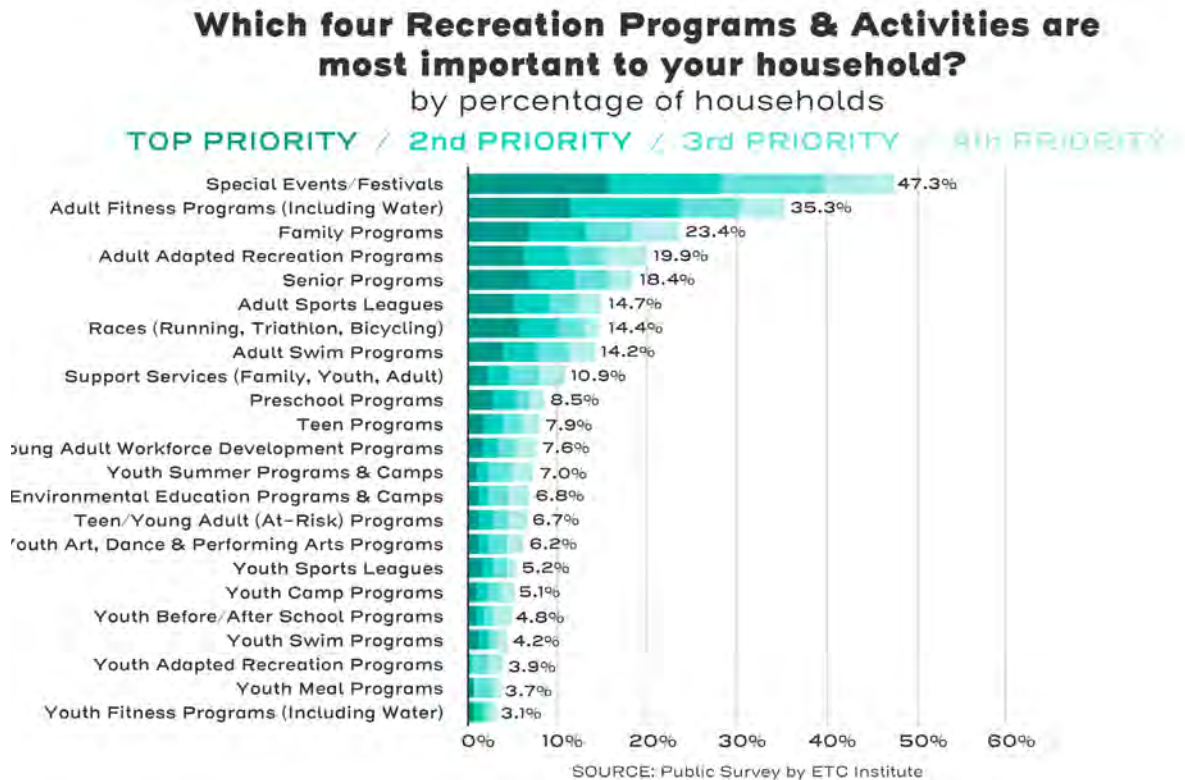


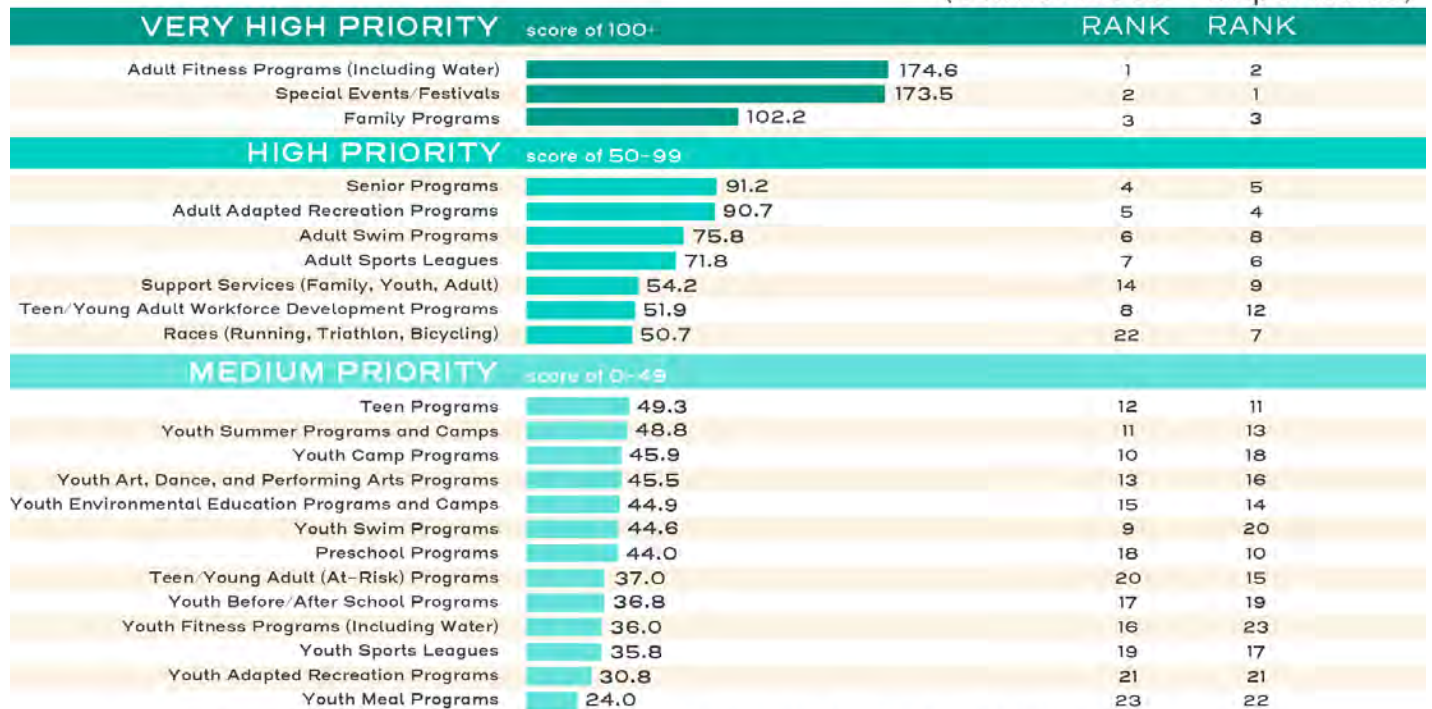
FIGURE 36. Statistically Valid Survey Results Comparing Recreation Program Priorities

Which four **RECREATION PROGRAMS/ACTIVITIES** are most important to your household?



FIGURE 37. Synthesis of Statistically Valid Survey Results on Recreation Program Priorities

Top Priorities for Investment in Recreation Programs & Activities
(Unmet Need + Importance)



SOURCE: ETC Institute (Ranked by adding Unmet Need score to Importance score)

BUDGETING FUNDS FOR RECREATION

The recommended budget allocations for new recreation dollars are based on 13.5% of the projected additional revenue committed or generated for *Parks For All* implementation. New funds will expand recreation center hours, increase staffing, modernize facilities to support better and expanded programming to meet the interests and needs of Louisville neighborhoods, and support strategic planning and outreach efforts. New funds will also be allocated to improve and expand Metro-wide program offerings to showcase Louisville Parks and Recreation facilities and program capabilities that serve all residents. As additional funds become available over the 15-Year Plan, consistent and expanded recreation center operating hours and recreation program standards can be established and implemented for consistent, expanded, and higher levels of recreation services.

Based on both funding scenarios, the recreation budget should yield close to \$650K in year one, \$2.86M in year five, and \$5.86M by year 15 in additional dollars. The table below presents *Parks For All*'s recommended budget allocations for the new dollars raised for recreation, with nearly 67% of funding dedicated to recreation centers with half (50%) of center-specific funding going toward regional centers, 30% to neighborhood centers, and 20% to community centers, following a three-tiered recreation center model used as a best practice nationwide. The remaining 33% of recreation dollars will be dedicated to Metro-wide programming to support the department's work to provide quality recreation programs across the Louisville Metro area. See Appendix E (pages 189–190) for detailed Funding Distribution information for Recreation.

FIGURE 38. Recommended Budget Allocations of New Dollars for Recreation, based on 13.5% of projected additional revenue from Metro Government General Fund

		by FY28	by FY33	by FY38
CUMULATIVE NEW RESOURCES FOR RECREATION (programming & staffing) OVER FY23:		\$2,862,000	\$4,198,500	\$5,859,000
Recommended Uses for New Recreation Dollars	% share			
Additional Funding for Recreation Centers	66.6%	\$1,908,000	\$2,799,000	\$3,906,000
Regional Centers	50%	\$954,000	\$1,399,500	\$1,953,000
Community Centers	20%	\$381,600	\$559,800	\$781,200
Neighborhood Centers	30%	\$572,400	\$839,700	\$1,171,800
Additional Funding for Metro-Wide Programming	33.3%	\$954,000	\$1,399,500	\$1,953,000

Recreation Center Classifications based on National Model

REGIONAL CENTERS

Sun Valley
Southwick
Newburg
Berrytown/Watson-Powell
Mary T. Meagher Expansion

COMMUNITY CENTERS

Cyril Allgeier
California
Wilderness Road

NEIGHBORHOOD CENTERS

Beechmont
Douglass
Metro Arts
Parkhill
Portland
Shawnee
South Louisville

MAJOR ISSUE WITH COMMUNITY, RECREATION & SENIOR CENTERS IN LOUISVILLE

Community centers in Louisville are primarily neighborhood centers due to the size of the facilities which range from 10,000 to 25,000 square feet. The centers are open five days a week, Monday through Friday for approximately 45–55 hours a week. They are not open on Saturday and Sunday. All but one of the centers were built for a different purpose. Many were former Jefferson County Public Schools and the buildings were either purchased or donated and then converted to a community center. The community center spaces do not match recreation program needs and are limited in hours of operation, size, and functionality.

The Berrytown Community Center was previously a YMCA and the only center designed for recreation. The community center spaces do not match what the recreation program needs are and are limited in hours of operation, size, and functionality. Louisville Metro needs to build new facilities or rebuild the existing facilities properly so recreation programs can thrive and not be limited by a building that was never designed for that purpose. This will take leadership in Metro Government to reverse this trend and reposition recreation services as a major element of the department. The two-thirds allocation of new funds to recreation will begin that shift to rehab, rebuild, and build new facilities designed specifically for recreational programming.



*Breslin Park Skate Spot
Parks Alliance of Louisville*

National Recreation Center Model

A good recreation center facility is as important to a great program as the instructor or leader of the program. A critically important *Parks For All* recommendation is for Metro Government to develop and operate three different types of community centers, using the national recreation center model. This change would benefit the Metro and neighborhoods across Louisville. The three types of recreation centers are as follows:

Neighborhood Centers are typically 10–15,000 square feet limited to 45 to 55 hours a week with operational hours Monday through Friday, typically noon to 8 pm, and Saturday 9 am to 5 pm. Key

amenities in these neighborhood centers include a gym, three or four program rooms, a game room, restrooms, small administration office, small kitchen, storage and outside play space. The programs typically offered in these neighborhood centers include before–school and after–school programs, youth sports, senior activities, summer day camps, group fitness, lunch program for seniors, after–school meals, and drop–in activities for youth and adults. This model started in the 70’s with the community schools’ program and grew out of that into neighborhood centers. Most neighborhood centers have low cost or no cost programs. Some include late night activities on Friday and Saturday evenings for teens and young adults.

FIGURE 39. National Recreation Center Model

CENTER TYPES & FEATURES	NEIGHBORHOOD CENTERS	COMMUNITY CENTERS
Facilities	<p>7 Centers to continue to function as Community Centers:</p> <ul style="list-style-type: none"> Beechmont Douglass <p>These centers should be updated (staffing, operational hours, offerings) to fit the national model for neighborhood centers</p>	<p>3 centers to be converted to Community Centers:</p> <ul style="list-style-type: none"> Cyril Allgeier California Wilderness Road Senior Center <p>These centers should be updated (staffing, physical building conversion/expansion, operational hours, offerings) to fit the national model for community centers</p>
Core Spaces	10,000–15,000 SF	15,000–30,000 SF
Operation Hours	<p>Mon–Fri: 6AM 12PM 8PM 10PM</p> <p>Sat: 6AM 9AM 12PM 5PM 10PM</p> <p>45–55 Hours/Week</p>	<p>Mon–Fri: 6:30AM 12PM 8PM 10PM</p> <p>Sat: 6AM 9AM 12PM 5PM 10PM</p> <p>70–75 Hours/Week</p>
Typical Staffing Levels	3 to 4 Full-Time With 2 to 3 Part-Time	4 to 5 Full-Time With Part-Time & Seasonal
Core Spaces	<ul style="list-style-type: none"> Gym Restrooms Program Rooms Game Room Small Kitchen Storage Small Administrative Office Outside Play Space 	<ul style="list-style-type: none"> Gym Restrooms Multiple Program Rooms Game Room Fitness Room for Cardio & Free Weights Study Rooms Kitchen Outside Play Space
Programs Typically Offered	<ul style="list-style-type: none"> Before & After School Programs Youth Sports Senior Activities Summer Day Camps Group Fitness Lunch Program for Seniors After School Meals Drop-In Activities for Youth & Adults Some offer late night weekend activities for teens and young adults 	<p>Similar to Neighborhood Centers</p> <p>Expanded Offerings Include:</p> <ul style="list-style-type: none"> Youth Sports Before & After School Programs Senior Activities Summer Day Camps Group Fitness Lunch Programs for Seniors After School Meals Drop-In Activities for Youth & Adults
Fees	Low cost or no cost programs	Commonly have a small fee for fitness offerings and to cover program supplies

Staffing levels for neighborhood centers are usually three to four full-time staff and two to three part-time and seasonal positions that cover daily building cleaning, managing the front counter, supporting the full-time staff as part-time program staff and instructors.

There are seven (7) centers in Louisville that should continue to function as neighborhood centers. These centers need to be updated (staffing, operational hours, offerings) to fit the national model for neighborhood centers:

- Beechmont
- Douglass
- Metro Arts
- Parkhill
- Molly Leonard Portland
- Shawnee
- South Louisville

Community Centers are typically 15,000 to 30,000 square feet open 70 to 75 hours a week with operational hours Monday through Friday, typically 6:30 am to 8 pm, and Saturday 9 am to 5 pm. Community Centers are designed and built to include more program space that includes gyms; designated fitness rooms for both cardio and free weights; and program rooms for group fitness, seniors, before-school and after-school programs, summer camps, art programs, game room, study rooms; and kitchens to serve breakfast and lunch for youth and older adults. Community Centers frequently have a small fee for fitness programs and supplies.

Staffing levels are typically four or five full-time staff for these community centers with part-time and seasonal help providing building maintenance, security, front desk support for enrolling people in programs and teaching some classes.

There are three (3) centers in Louisville that should be updated (staffing, physical building conversion, operational hours, offerings) to fit the national model for community centers:

- Cyril Allgeier
- California
- Wilderness Road Senior Center

REGIONAL CENTERS

6 Centers to be converted or expanded to 5 Regional Centers:

*Berrytown CC	Sun Valley
*Watson Powell	Southwick
	Newburg
	Mary T Meagher

**Combine to make a single facility*

These centers are dispersed across the Metro area and are in excellent locations to create regional centers within parks to provide a multiplicity of recreational offerings (i.e. golf, aquatics, special events, land to expand centers)

30,000-100,000+ SF

Mon-Fri: 6AM 12PM 10PM

Sat: 6AM 12PM 8PM 10PM

100+ Hours/Week

8 to 10 Full-Time
With Part-Time & Seasonal

Gym	Multiple Fitness Rooms	Kitchen Storage
Multiple Program Rooms	Childcare	
Indoor or Outdoor Pool	Game Room	
Walking Tracks	Community Meeting Rooms	

Similar to Neighborhood & Community Centers	Before & After School Programs	Lunch Programs for Seniors
	Senior Activities	After School Meals
Expanded Offerings Include:	Summer Day Camps	Drop-In Activities for Youth & Adults
	Youth Sports	Group Fitness

Typically have daily fee or monthly membership fee to access multiple programs

Regional Recreation Centers are typically 30,000 to 100,000+ square feet, open 100+ hours a week with operational hours Monday through Friday, 6 am to 10 pm, and Saturday 6 am to 6 pm. In most cases, they have five to ten core spaces that include gyms; indoor or outdoor pool; fitness rooms for cardio, free weights, group fitness, walking tracks; senior program spaces; childcare and game rooms for kids; program rooms for arts and after-school; summer camps; community meeting rooms; kitchen; and storage. These types of centers usually require a fee to access – either a daily fee or a monthly membership. Individual programs may require an additional fee. Metro Government should develop this type of facility in areas where they have land to expand their existing buildings and where there is already a multitude of recreation experiences occurring in the same park such as Sun Valley where there is a golf course next to the community center, special event park, outdoor pool, and plenty of land to expand.

There are six (6) centers/existing facilities in Louisville that should be converted or expanded to five (5) regional recreation centers. These centers are dispersed across the Metro and in excellent locations to create regional recreation centers. They are poised to provide a multiplicity of recreational offerings (i.e., golf, aquatics, special events, land to expand centers) and fit the national model for regional centers:

- Berrytown CC*
- Watson Powell*
- Mary T. Meagher**
- Newburg
- Southwick
- Sun Valley

**Combine to make a single facility*

***Expand existing facility into a regional recreation center*

Two-Stage Approach for Louisville Community, Recreation & Senior Centers

A considerable amount of the recreation funds are allocated to improve and restructure Louisville’s existing community centers into the three-tiered recreation center model (neighborhood, community, and regional recreation centers). It will take time to transition Louisville’s existing community centers to the three-tiered model. A two-stage approach will allow Louisville Parks and Recreation to make immediate changes while also planning for future facility and service investments.

Stage 1: Current Center Operations

In the first stage, the community centers will operate within the existing facilities as they transition into the three-tiered recreation center model. During Stage 1, recreation staff will be responsible for developing a program plan for each center maximizing the existing space to bring in new participants based on the recreation priorities identified in the *Parks For All* statistically valid survey. The staff will be responsible for developing a mini business plan for each center that is based on understanding the market each center serves, who else is providing services in that market, how much of the market these service providers control, and what types of programs are most needed. Services should be prioritized based on community feedback identified in the *Parks For All* statistically valid survey. During Stage 1, the annual operating budgets for each center will be developed using the equitable funding matrix with funds allocated based on the mix of each center’s operational needs and its local community’s level of need. See Figures 42–43 (pages 60–61).

Stage 2: Future Center Operations

In Stage 2, the current community, recreation, and senior centers will

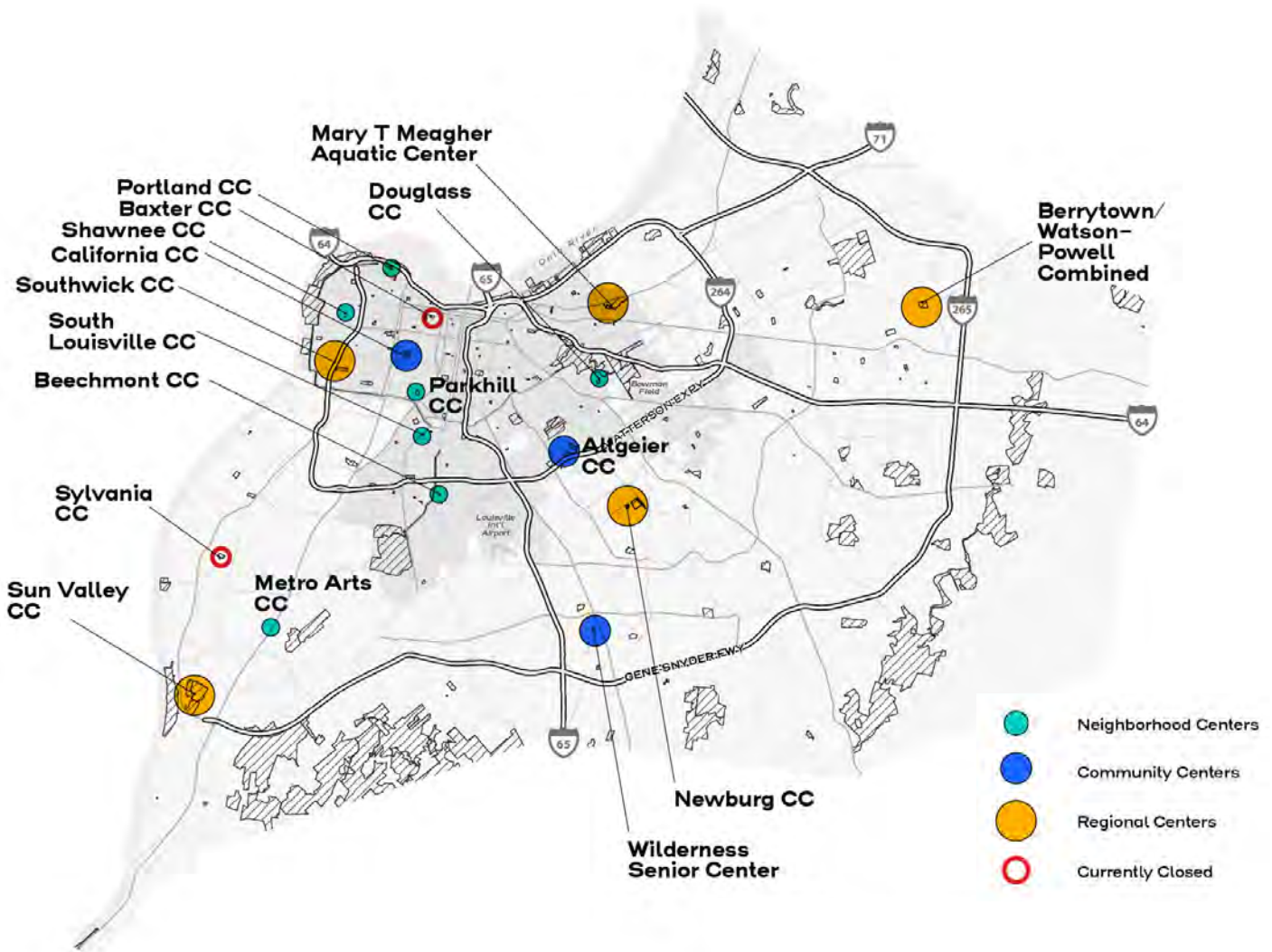
transition to the three-tiered recreation center model (neighborhood, community, and regional recreation centers). This transition will be guided by the National Recreation Center Model, as depicted in Figure 39 (page 56–57). The centers will be transformed following the classifications and key characteristics of the National Recreation Center Model that define the centers. Centers will be redesigned and rehabbed and/or new centers will be built to function as recreation centers to meet the classifications and key characteristics that define each type of center (neighborhood, community, and regional recreation centers). New program and facility plans will be developed for each center, again guided by each center’s classification and

key characteristics. New business and program plans will be developed for each center, utilizing the same strategies as in Stage 1.

The annual operating budgets for each center will be developed equitably using the equitable funding matrix, as described in Figure 43 (page 61), with the funding based on the mix of each center’s operational needs and its local community’s level of need.

Properly designed and properly programmed centers will drive social connectedness and transform the communities they serve.

FIGURE 40. Proposed Community Center Classifications



Equitable Funding Approach for Community, Recreation & Senior Center Operations

The resources to operate and program community, recreation and senior centers comes from the centers’ annual operating budgets. An understanding of the needs of the community being served by each center and the characteristics and capacity of each center to deliver services and programs are required to ensure the annual operating budgets for the centers are equitably distributed.

To allocate the annual operating funds equitably between the centers, *Parks For All* developed a scoring methodology that resulted in a **Community Center**

Operations Funding Proportion for each community center, which is the proportion of the total operating budget that each center should receive annually.

The Community Center Operations Funding Proportion is calculated using two base scores: the **Operations Need Score** and the **Community Need Score**. The proportion represents the share of the total scores that each community center receives. It is produced by summing up every community center’s scores together and then dividing each center’s scores by the total. The resulting proportion is then multiplied by the total amount of existing operations funds, and that results in each center’s annual operating allocation.

FIGURE 41. Equitable Funding Approach for Community, Recreation & Senior Centers

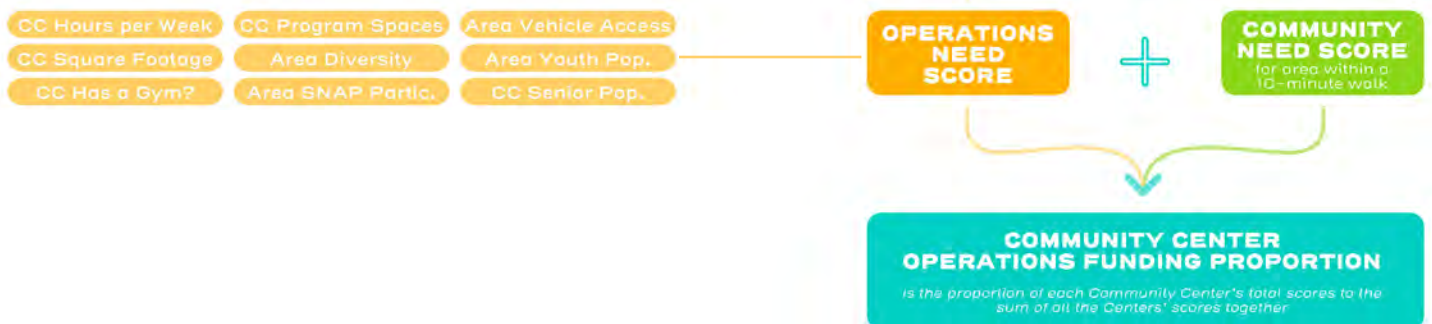


FIGURE 42. Operations Need Score Data Points

DATA POINT	SOURCE	DESCRIPTION
Community Center: Hours Open Per Week	Louisville Parks and Recreation Department	Total number of hours that each Community Center is open per week
Community Center: Square Footage	Louisville Parks and Recreation Department	Total square footage of each Community Center
Community Center: Presence of a Gym	Louisville Parks and Recreation Department	Presence of a gym on site
Community Center: Total Program Spaces (Rooms)	Louisville Parks and Recreation Department	Total number of rooms usable by center visitors / for center programs
Neighborhood: Diversity Index	ESRI Demographics, 2022	Diversity Index representing the likelihood that two people who live within a 10-minute walk chosen at random will be of different racial or ethnic backgrounds (0-100 scale)
Neighborhood: Vehicle Access	ESRI Demographics analysis using data from the US Census American Community Survey 2020 5-Year Estimates	Percent of households with access to no vehicles within a 10-minute walk
Neighborhood: Youth Population	ESRI Demographics, 2022	Percent of residents who are under 18 within a 10-minute walk
Neighborhood: Senior Population	ESRI Demographics, 2022	Percent of residents who are 65 or older within a 10-minute walk

The **Community Need Score** quantifies each center’s local community’s level of need. It is used in multiple parts of the *Parks For All* strategy, and it is described in more detail in the Capital Improvements chapter, pages 74–79.

The **Operations Need Score** combines nine equally weighted data points that directly impact the amount of operations funding a center needs. Data includes characteristics of each center, such as square footage, hours per week, and range of interior spaces, as well as an assessment of the surrounding neighborhood, such as diversity, food assistance, vehicle access, and youth and senior populations. Neighborhood data was calculated using the 10-minute walkshed area around each community center utilizing ESRI Demographics. For more details on how the 10-minute walksheds were created and how data is calculated within them, see page 71. The data points are summarized in Figure 42 (page 60).

To combine the data points into a score, a data point is standardized by dividing it by the maximum value among all community centers. For example, community centers are open between eight and 50 hours a week. To standardize this data point, the number of hours each center is open is divided by 50 (the maximum value). The result is a number between 0 and 1. Since the data point “Presence of a Gym” only has two values (yes and no), community centers can only receive a 1 or a 0 for that score. To produce the Operations Need Score, the standardized values are added together and divided by the total number of data points (9) to produce a number between 0 and 1.

The Community Need Score is also on a scale from 0 to 1. To produce the final Community Center Operations Score, the Operations Need Score and the Community Need Score are added together. The proportion of funds that each center receives is determined by adding all the centers’ final scores together and dividing each of their scores by the total.

FIGURE 43. *Operations Need Scores and Funding Recommendations*

LOCATION NAME	OPERATIONS NEED SCORE Out of 10	COMMUNITY NEED SCORE Out of 10	FINAL OPERATIONS SCORE PROPORTION	FUNDING SCENARIO WITH EXISTING \$4.3 MILLION SPLIT PROPORTIONALLY
California Community Center	1.0	0.9	10%	\$426,615
Parkhill Community Center	0.9	0.8	9%	\$397,665
South Louisville Community Center	0.9	0.8	9%	\$388,298
Shawnee Community Center	0.8	0.9	9%	\$376,130
Southwick Community Center	0.8	0.7	8%	\$350,465
Molly Leonard Portland Community Center	0.8	0.6	7%	\$314,510
Newburg Community Center	0.7	0.6	7%	\$309,836
Beechmont Community Center	0.6	0.7	7%	\$293,137
Wilderness Road Senior Center	0.6	0.5	6%	\$244,482
Metro Arts Community Center	0.6	0.5	6%	\$241,313
Berrytown Recreation Center	0.8	0.2	5%	\$218,516
Douglass Community Center	0.6	0.3	5%	\$210,055
Cyril Allgeier Community Center	0.6	0.3	5%	\$209,264
Sun Valley Community Center	0.6	0.3	5%	\$197,271
Watson-Powell (Berrytown Annex)	0.4	0.2	3%	\$130,781

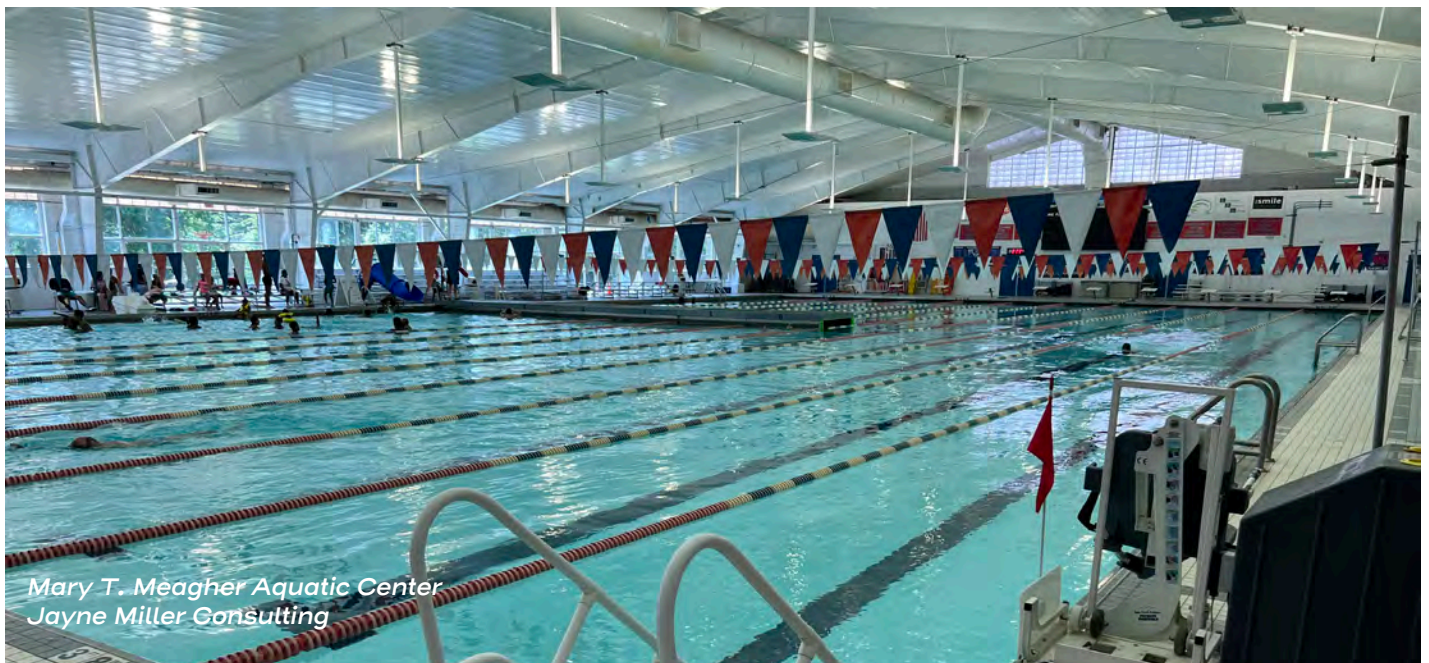
SPECIALTY RECREATION FACILITIES & FIELDHOUSES

Urban communities provide specialty recreation facilities that often include a facility classification called fieldhouses in addition to the neighborhood, community, and regional recreation centers. Fieldhouses offer multifunctional spaces including indoor soccer, courts for basketball and volleyball, walking tracks, fitness rooms with free weights and cardio equipment, and a few program rooms.

Frequently, the multifunctional spaces in a fieldhouse combine activities such as having 10 basketball courts that can be converted to an indoor soccer field, football field or baseball and softball fields for individuals and teams to use for year-round program development. These facilities are highly used and rentable and provide a large amount of operational revenue if developed and designed correctly. Louisville might consider a public/private partnership to build a fieldhouse facility for the community. Fieldhouses have become very popular finance tools for municipal governments in Kentucky.

Specialty Recreation Facilities have specific areas of focus such as indoor and outdoor tennis, indoor aquatics, golf courses, or art centers that can range from 75,000 to 150,000 square feet. These specialty centers serve multiple communities and programs in one location.

Louisville lacks large outdoor aquatic centers and sports field complexes that serve sports such as soccer, baseball, softball, lacrosse, ultimate frisbee, football. The Louisville Loop, while planned and implemented in parts of the Metro, has not been completed, leaving residents with an unconnected trail system, that when completed can link all areas of the Metro together.



*Mary T. Meagher Aquatic Center
Jayne Miller Consulting*

Louisville Tennis Center, Golf Courses, Mary T. Meagher Aquatic Center, and Iroquois Amphitheater

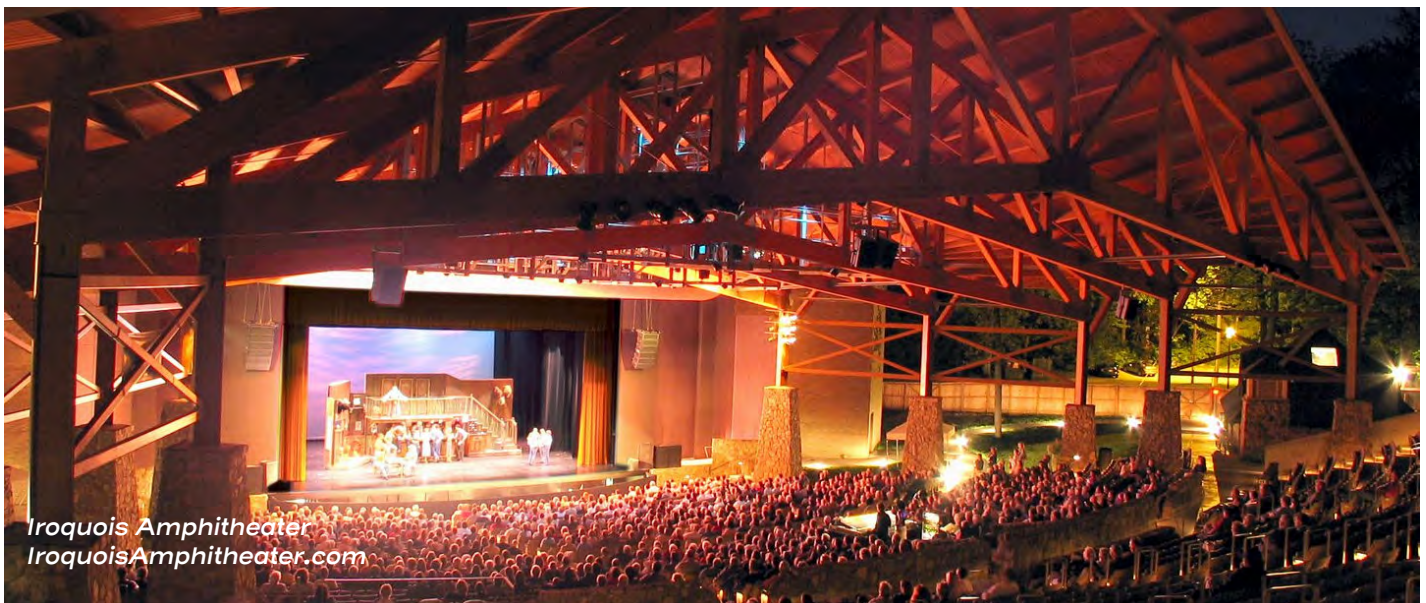
Existing Specialty Recreation Facilities include the Louisville Tennis Center, Louisville golf courses, Mary T. Meagher Aquatic Center, and Iroquois Amphitheater. All these facilities are citywide and operate with different program and financial models from the community, recreation, and senior centers. These facilities have a cost recovery goal or are in an enterprise fund to cover their operational costs. Many of them, however, need significant infrastructure updates and modernization. Investing in each of these facilities provides opportunities to showcase the facilities and program capabilities to the entire city while serving as tourism and economic engines for the Metro area.

Metro Louisville needs a major outdoor sports complex for soccer, baseball, and softball that can host local, regional, and national sporting events. Louisville is an event town but lacks the type of outdoor sports facilities to bring sports tourism to a higher level and the park system could be the catalyst to make that happen, if given the opportunity.

Jefferson Memorial Forest Welcome Center

The Jefferson Memorial Forest Welcome Center is used as a community facility and small nature center at the largest municipally-owned urban forest in the United States. The Center houses staff who manage and program the forest and outdoor community space. The building is very chopped up and is not ADA Accessible. The staff provides some programs out of the space, but the entire complex could be redesigned into a nature center with spaces for environmental programs.

This programming could include classes to learn about wildlife, the forest and outdoor recreation, and showcase the importance of the forest in our urban community.





RECREATION PROGRAMMING

Most large cities have two levels of recreation programming – programs offered at recreation centers and city-wide programs. City-wide programs are available to anyone and are not customized to a single recreation center.

As articulated in Figures 34–37 (pages 52–53), the *Parks For All* statistically valid survey provides insight into the top recreation programs and activity priorities Metro-wide, with adult fitness programs (including water), special events/festivals, and family programs as the highest priorities, followed by senior programs, adult adapted recreation programs, adult swim programs, adult sports leagues, support services (family, youth, adult), teen/young adult workforce development programs, and races (running, triathlon, bicycling).

The survey results are also broken down by household income, geographic area, race/ethnicity, and age. Adult swim programs were a priority for households with income under \$35K and senior programs were a priority for households with incomes between \$35K – \$74.9K. Senior programs and support services were a priority for Hispanic households, while preschool and fitness programs were a priority for households with children under 10. Workforce development programs were a priority for households with children aged 10 – 19. Senior programs were a priority for households in Areas 5 (South West), 7 (South East Central), and 8 (South East). All these and other articulated priorities need to be integrated into the programming provided at the recreation centers and in city-wide programs.

Recreation Center Programming

As Metro Government looks to provide fairness and equity in the distribution of new recreation funds, it is important to maximize the use of these new dollars. The consulting team observed during the site visits that there were no program plans for the community, recreation, or senior centers. Many of the center directors focused on what was offered in the past and did not have a real program plan in place for the upcoming three to four months. The recreation center staff must be taught how to plan programs and develop business plans for their facility versus just managing the building. Center directors and center staff need training on how to build a program base for their center and how to train staff to become specialists in delivering programs in music, art, youth, family and senior programs, dance, sports, games, and exercise classes.

Program plans and business plans need to be developed for each center – plans for stage 1 for the existing community, recreation, and senior centers and new plans for stage 2 as the centers transition to neighborhood, community, and regional recreation centers. The program plans need to maximize the available space, bring in new participants, and integrate the public's priorities as identified from the *Parks For All* statistically valid survey. The business plans need to ensure staff understand the market each center serves, who else is providing services in this market, how much of the market these service providers control, and what types of programs are most needed. Marketing of these program plans will help fill classes and increase the usage of the center.

NOTE: Depending on size, amenities, programs, and location, Community Recreation Centers can more closely align with Neighborhood or Regional Centers. The below outlines account for the overlap.

Neighborhood and Community Recreation Centers' program plans typically include the following:

- 2 to 5 Years: mommy and me classes, preschool art, kids' theatre, superheroes, fairy tale parties, youth art classes, and special event type of classes.
- 6 to 12 Years: youth exercise classes, after-school and summer camps, youth yoga classes, sports clinics, aquatic classes, and sports leagues.
- 13 to 17 Years: sports clinics, cheerleading, music classes, esports programs, fitness programs, youth and adult yoga, youth spinning, middle school volleyball and basketball, futsal, floor hockey, competitive swimming, and music and video recording.
- Young Adults: softball, basketball 3-on-3 leagues, run and shoot programs, volleyball, table games, pickleball, flag football, line dancing, self-defense for women, tap dance, backyard gardening, aerobic dance, total body workouts, Pilates, Tai Chi programs, cake decorating, and cooking classes.
- Families: movie nights, card games, parent and child cooking classes, and holiday events.
- Seniors: line dancing, grandparent and grand kid programs, woodcarving, aerobics for seniors, art programs, aquatic exercise programs, yoga and water therapy programs.

- City-wide programs (can be provided at specific sites): fitness, arts, sports, seniors, camps, special events, and before and after-school programs. These can be in the form of workshops, clinics, presentations, and how-to classes all provided at the various recreation facilities.

Community and Regional Recreation Centers staff should be offering programs for these age groupings. This requires the community and regional recreation centers to be open longer hours as illustrated in neighborhood, community, and regional center models. See Figure 39 (pages 56-57).

- 2 to 5 Years
- 6 to 12 Years
- 13 to 18 Years
- Young Adults: 19 to 23
- Adults: 24 to 35 / 35 to 50 / 51 to 60 / 61 to 70 / 70+

Community and Regional Recreation Center staff should provide programs in these core program areas:

- Preschool programs
- Art programs for youth and adults
- Sports programs for youth and adults (basketball, volleyball, pickleball, softball, golf, tennis, esports, and flag football)
- Fitness programs for youth and adults
- Tournaments in all sports and card games
- Aquatic learn to swim and fitness swim programs
- Music programs
- How-to Classes
- Senior classes in arts, music, sports, games, dance, special events, food, gardening, trips, fitness, aquatics, and family events.

METRO-WIDE RECREATION PROGRAMMING

Metro-wide programs are available to anyone in the Louisville Metro area and are not customized to a single recreation center. These programs typically include:

- Special events for music, art, holidays, food, or sports that raise the level of awareness of the park and recreation agency
- Swim instruction classes and competitive swim teams
- Performing arts events, classes, and shows
- Sports leagues for youth and adults at sports complexes
- Adapted recreation programs
- Corporate Challenge events
- Tennis programs
- Pickleball for youth and adults
- City-wide golf challenges and tournaments
- Outdoor education, geo-caching, nature hikes, birding

Metro-wide programs are typically broken down into two categories – special events that are provided at no cost to the community and programs that are driven by revenue to pay for costs (i.e., instructors, sports officials, or facility rentals). The philosophy in Louisville has been to offer services for free or for fees to be kept very low. Opportunities exist to change that approach, while serving the range of income levels across the Metro area.

Expanding Metro-wide Recreation Programming

The Parks and Recreation Department is missing core Metro-wide programming because of the lack of staff or the right type of facilities. The core program areas missing include special events focused on the holidays and traditions of Louisville (outside of the Kentucky Derby), youth and family events, senior services, before-school and after-school programs, nature education, outdoor recreation, and a comprehensive Metro-wide aquatic program. In addition, there are no Metro-wide programs for pickleball and tennis, art, adult fitness, or wellness programs. Sports tournaments and Metro-wide sports programs for youth and adults for softball, baseball, soccer, kickball, basketball, volleyball, pickleball, tennis, swim programming, neighborhood youth swim teams, and sports programs for abled bodied and physically and mentally challenged need to be considered.

Louisville Parks & Recreation & Jefferson County Public Schools

There is negligible coordination between Louisville Parks and Recreation and Jefferson County Public Schools (JCPS) with limited use of school property and facilities for before and after-school programs, youth sports programs, summer camps, swim programming, and youth specialty programs in arts, dance, and music. Developing a JCPS and Parks and Recreation Department Metro-wide collaboration would open JCPS facilities and provide expansive program opportunities for youth and adults.

UNDERSERVED AREAS OF LOUISVILLE & ADDRESSING THEIR RECREATION NEEDS

The recreation programs offered by the Department are limited by what can be offered at a specific site, and the site locations. There are many areas of Louisville that don't have access to a recreation center, pool, sports complex, or event site.

The Parks and Recreation Department needs to develop a complete program plan for Louisville that evaluates what other service providers are doing and how the department is complementing their efforts. The program needs to examine opportunities for partnerships to maximize organizational resources and talents. The goal would be to evaluate what other facility providers offer, know what core program services are missing, and for the Parks and Recreation Department to develop and implement a ten-year plan that provides complementary, not duplicative, services.

The program plan needs to outline what areas of Louisville are served by which programs and which organizations, and identify gaps in access. Organizations that need to be included in the plan are Louisville Metro Government, other small cities within the Metro area, Jefferson County Public Schools, YMCA's, churches, universities, and other nonprofits.

Sharing of information needs to be encouraged and fostered by Louisville's new mayor with the hope that Metro Government takes a holistic approach to meet the needs of all residents. It takes leadership in Metro Government to make this happen and will support youth recreation needs, reduce crime, and build a healthier community.



William Harrison Park
Parks Alliance of Louisville



THE CAPITAL INVESTMENT BUDGET

INTRODUCTION

Communities across Louisville deserve high quality parks that are designed in partnership with neighbors and park-users. **The Capital Investment budget seeks to prioritize major improvements in existing parks in high need communities. The Capital Investment budget will also prioritize funds to create new parks or improve access to existing parks in select areas of town outside of a 10-minute walk to a park.**

Capital investments in existing parks can range from site-wide master planning efforts that result in significant transformation of the park, to one-for-one replacement of existing amenities.

For existing parks, the capital strategy prioritizes sites based on a mix of each site's need for investment and the surrounding community's level of need. For areas outside of a 10-minute walk to parks, the capital strategy prioritizes communities for new parks or expanded access based on the community's overall level of need and opportunity to benefit from investments in parks, green space, and recreation.



William Harrison Park
Parks Alliance of Louisville



EQUITABLE ALLOCATION OF CAPITAL FUNDS

Funds will be distributed to parks based on their level of community and park need. Sites in communities with the greatest need, that have not seen investment in many years, receive the greatest priority. Seeking to achieve transformational change, capital projects will address the entire park in a coordinated fashion.

The following chart illustrates the park scoring strategy used to determine the order in which capital projects will be funded. Each park received a Park Need and Community Need score. See Figures 46–49, (pages 73– 75). These combined scores determined the list for prioritized investments. For neighborhoods without a park within a 10-minute walk, the Community Need score should inform the

prioritization of locations where a new park or where improved access to an existing park is needed.

The **Final Capital Investment Priority Ranking** determines the order in which parks should receive major capital investment and the **Final Community Center Investment Priority Ranking** does the same for Louisville’s existing community centers. The Capital Investment Priority Ranking of parks is presented as 10 tiers, each including a roughly equal number of sites, to allow for some flexibility in the order that parks are addressed within each tier.

Both final rankings combine two equally weighted scores: the Community Need Score and the Park Need Score.

FIGURE 44. Approach to Capital Investment Prioritization



Calculating the Community Need Score

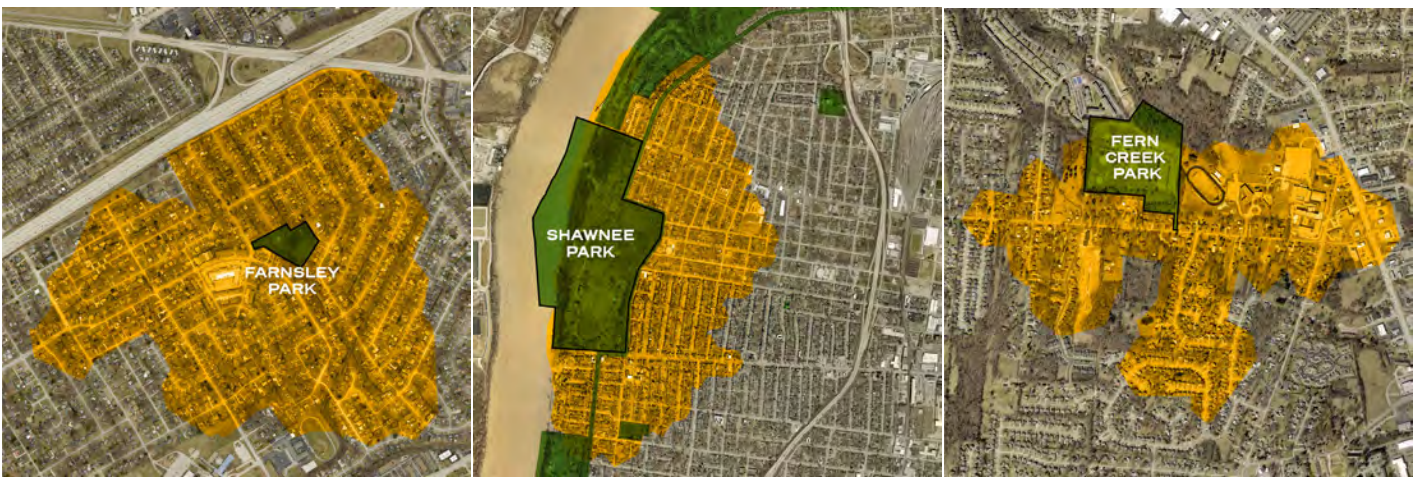
The Community Need Score was calculated in two ways:

- **Site-by-site** for the area within a 10-minute walk of each park and recreation facility. The site-by-site scores feed into the Final Capital Investment Priority Ranking (see Figure 50 on page 76) and the Final Community Center Investment Priority Ranking (see Figure 51 on page 77), which prioritize parks and community centers for capital investment. For large parks, scores were calculated for distinctly programmed park sections, and the entire park received the score of its highest-scoring section. For details about how the 10-minute walksheds were created and scored, see Appendix B (page 119).
- **Citywide** by Census Block Group. The citywide score feeds into recommendations to address areas in need of new parks or improved access. For more details, see Appendix B (page 119).

Four Community Context Scores make up the Community Need Score. To combine data points into the Community Context Scores, they first need to be standardized to a common scale. Generally, all data points are standardized to a 0 to 1 scale, so they can be combined easily.

To standardize each data point, each geography's value is divided by the maximum value among all the geographies. If the maximum value among all geographies is greater than three times the mean value, then three times the mean value is used instead, and all higher values receive a value of 1. This results in a value between 0 and 1 for all data points. The benefit of this method is that it preserves the distribution of data points while minimizing the impact of outliers.

FIGURE 45. *Example of Park Walksheds*





PARK NEED SCORE

To prioritize parks and facilities for capital investment, it was essential to understand the actual condition of every park and facility. Department staff engaged in a system-wide assessment of every public park and every major amenity within those parks. Their efforts and commitment to continuous improvement were an essential part of the *Parks For All* planning process. For more details on exactly how park and facility conditions were assessed, see Appendix A (pages 115–118).

Park Condition data collected by Louisville Parks and Recreation staff form one half of the Park Need score. The other half of the score is based on an accounting of capital, major rehab, or deferred maintenance investments at each site since the 2004 City-County merger. See Figure 65, (pages 123–126).

Park Data

Major Asset Conditions: Condition ratings were collected for individual recreational assets and structures in all parks. See Appendix A (pages 115–118).

Park-wide Conditions: In each park, a single condition rating was collected for each of the following categories: signage, shade, prevalence of lighting, bodies of water, outdoor furniture, paved paths, unpaved paths, landscaped areas, lawns other than sports fields, parking lots, and fences/barriers/retaining walls.

Facility Data

Major System Conditions: In each facility, a single condition rating was collected for each of the following categories: roofing, exterior walls, windows, interior finishes, heating system, electric power distribution, telecommunications, lighting, plumbing, air conditioning system, fire protection system, ADA facilities, exterior lighting, interior floor surfaces, exterior paved surfaces, parking lots, and site drainage.

Historic Spending is represented by the ratio of historic budgets to the total estimated replacement cost of each entire park. See Figure 65, (pages 123–126). Historic budget numbers alone do not provide enough information to compare spending across all sites because some sites are significantly larger than others. One dollar in a small site goes much further than a dollar in a large site, so it is necessary to standardize historic spending figures.

To standardize historic spending figures, total past budgets for each site were divided by the total estimated replacement cost of the site. This results in a ratio of past spending to total current value, which is comparable across sites. A location that has received investment far below its current overall value will always score highly by the metric, regardless of the size of the site or investment.

For details on the historic budget data, see Figure 65 (page 123–126).

The replacement cost of each site was calculated in two steps: first, standardized replacement costs (provided by the Louisville Parks and Recreation Department) were applied to all assets located in each site. Second, all replacement costs were reviewed by Interface Studio and the Louisville Parks and Recreation Department, and adjustments were made where necessary.

PARK NEED: blended datasets create a PARK NEED SCORE, identifying the sites where capital improvements are needed most due to site conditions and disinvestment. See Figures 46, 47, and 48 (page 73).

COMMUNITY NEED SCORE

Summary

The Community Need Score is a major part of several areas of the *Parks For All* strategy. The goal of the Community Need Score is to identify particular parks, community centers, and neighborhoods where investments in parks could have the greatest impact on advancing Metro Government's equity agenda and improving the lives of the residents that need it most.

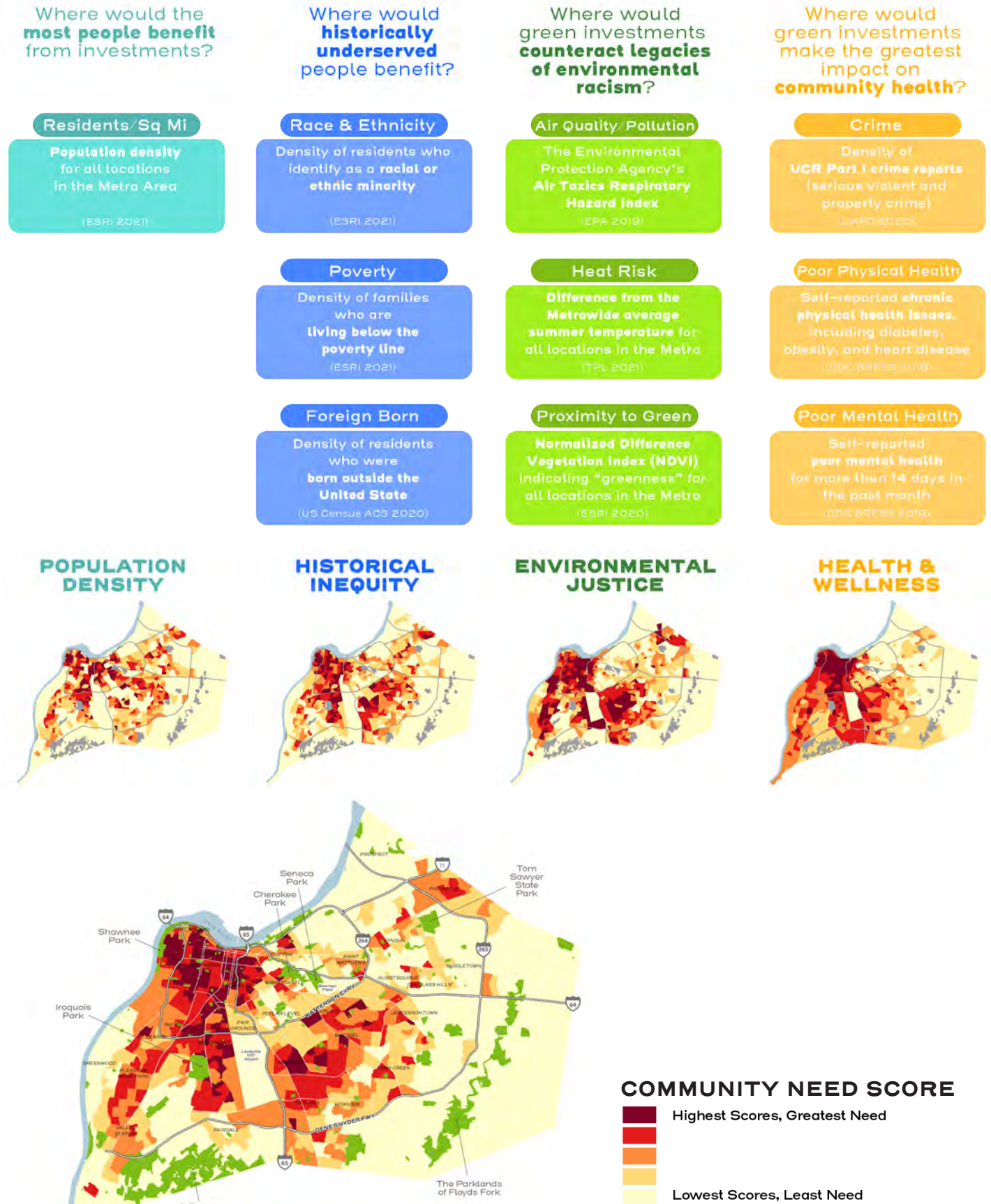
The Community Need Score is a combination of four equally weighted Community Context Scores. A total of 10 datasets factored into the Community Context Scores, including data on demographics, crime, health, the environment, and more. The datasets and scoring results are summarized in Figure 49 (page 75).

Community Context Scores

- **Population Density:** This community context score prioritizes communities with higher population density because there is greater need for investment in places where more people live.
- **Historical Inequity:** This community context score prioritizes communities that have suffered from historic inequities. It is comprised of data on residents who identify their **Race & Ethnicity** as Black, Indigenous, or People of Color (BIPOC); data on residents living in **Poverty**, and data on **Foreign Born** residents.
- **Environmental Justice:** This community context score prioritizes communities that have suffered from environmental injustices such as poor **Air Quality**, high **Heat Risk**, and less **Proximity to Green** (i.e., less vegetation throughout the community).
- **Health & Wellness:** This community context score prioritizes communities where there is a high incidence of factors which negatively impact health and wellness. It includes data on the prevalence of **Crime**, rates of **Poor Physical Health**, and rates of **Poor Mental Health**.

COMMUNITY NEED SCORE: Blended datasets create four COMMUNITY CONTEXT SCORES, which when combined create a Community Need Score to identify areas where investments in parks can make the greatest impact on community.

FIGURE 49. Community Context Scores and Mapping that Inform the Community Need Score



PRIORITY LOCATIONS FOR CAPITAL INVESTMENTS IN PARKS

TOP PRIORITY SITES

- 35th Street
- Ballard
- Baxter Square
- California
- G.G. Moore
- Louis B. Israel
- Magnolia
- Memorial
- Norfolk Acres
- Parkhill
- Stevin
- St. Louis
- Wayside

SECOND PRIORITY SITES

- Auburndale
- Ben Washer
- Black Mudd
- Boone Square
- Central
- Huston Quin
- Irish Hill
- Ivy Court
- South Central
- Watterson Lake
- William B. Stansbury
- Wyandotte

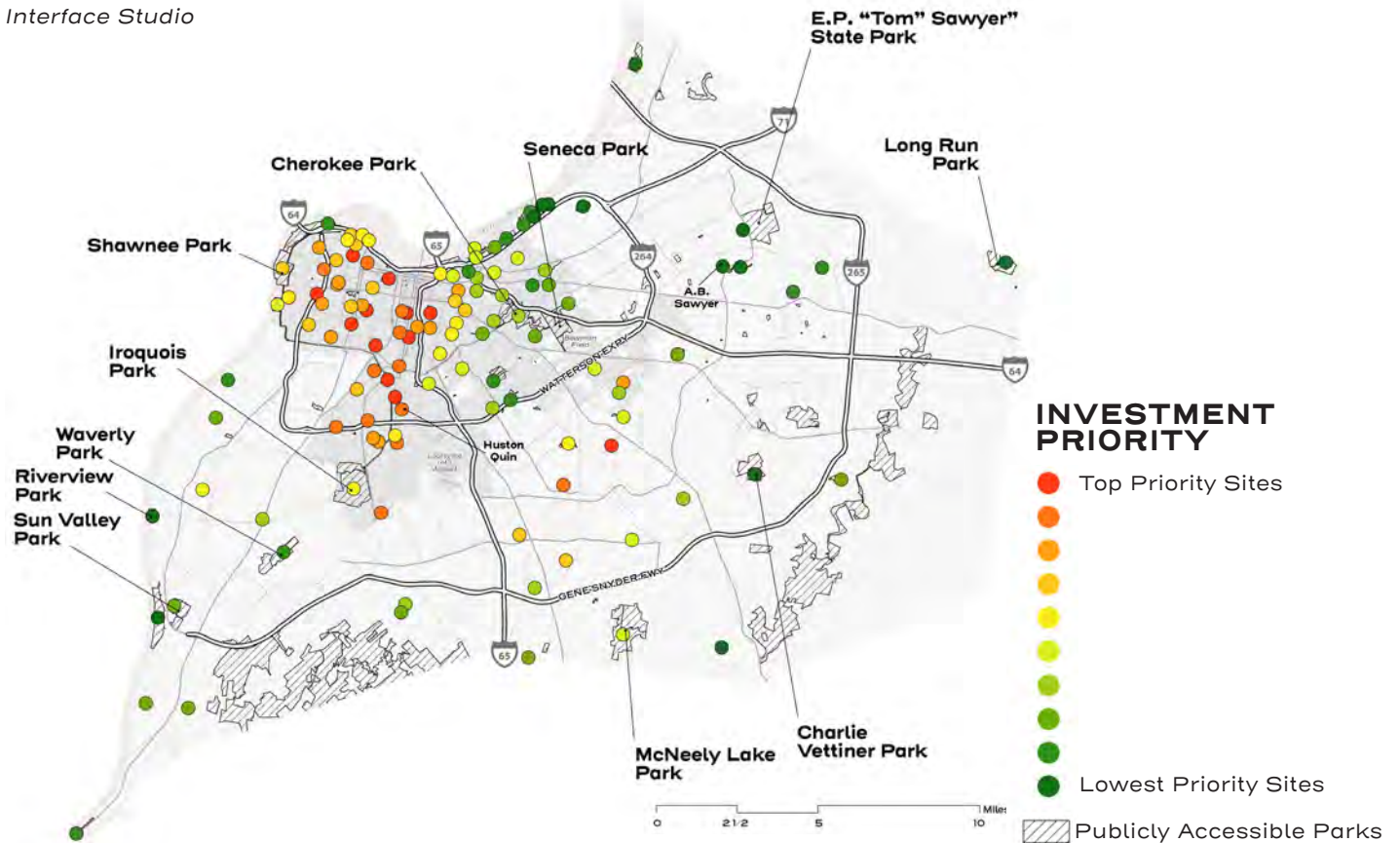
THIRD PRIORITY SITES

- Algonquin
- Bellevue
- California Leisure
- Cliff
- E. Leland Taylor
- Elliott Square
- Klondike
- Parkland Playground
- Shelby
- Sheppard
- Toonerville Trolley
- William Britt

For a full list of sites by priority ranking, see Figure 66 (pages 127–138).

FIGURE 50. Map of Investment Priorities for Parks
(blending Park Need + Community Need)

Interface Studio



PRIORITY LOCATIONS FOR CAPITAL INVESTMENTS IN COMMUNITY CENTERS

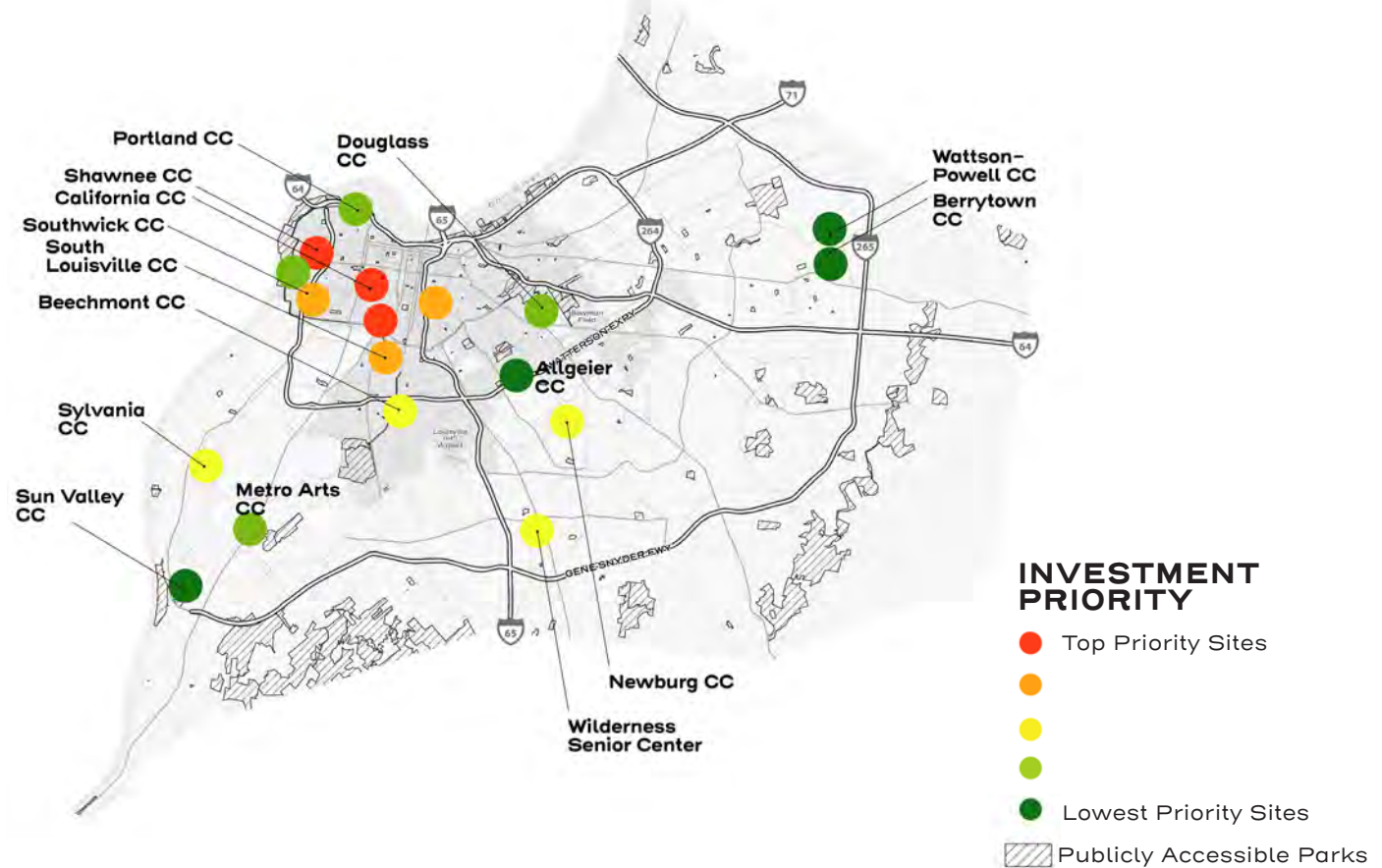
PRIORITIZED LIST FOR COMMUNITY CENTERS

- | | |
|------------------------|-----------------------|
| 1. Parkhill CC | 10. Newburg CC |
| 2. Shawnee CC | 11. Portland CC |
| 3. California CC | 12. Metro Arts CC |
| 4. South Louisville CC | 13. Flaget CC |
| 5. Shelby Park CC | 14. Douglass CC |
| 6. Southwick CC | 15. Sun Valley CC |
| 7. Wilderness CC | 16. Watson-Powell CC |
| 8. Beechmont CC | 17. Cyril Allgeier CC |
| 9. Sylvania CC | 18. Berrytown Rec CC |

For details on rankings, see Figure 67 (pages 139-140).

FIGURE 51. Map of Investment Priorities for Community Centers (blending Operations Need + Community Need)

Interface Studio



ADDRESSING AREAS IN NEED OF NEW PARKS OR IMPROVED ACCESS TO EXISTING PARKS

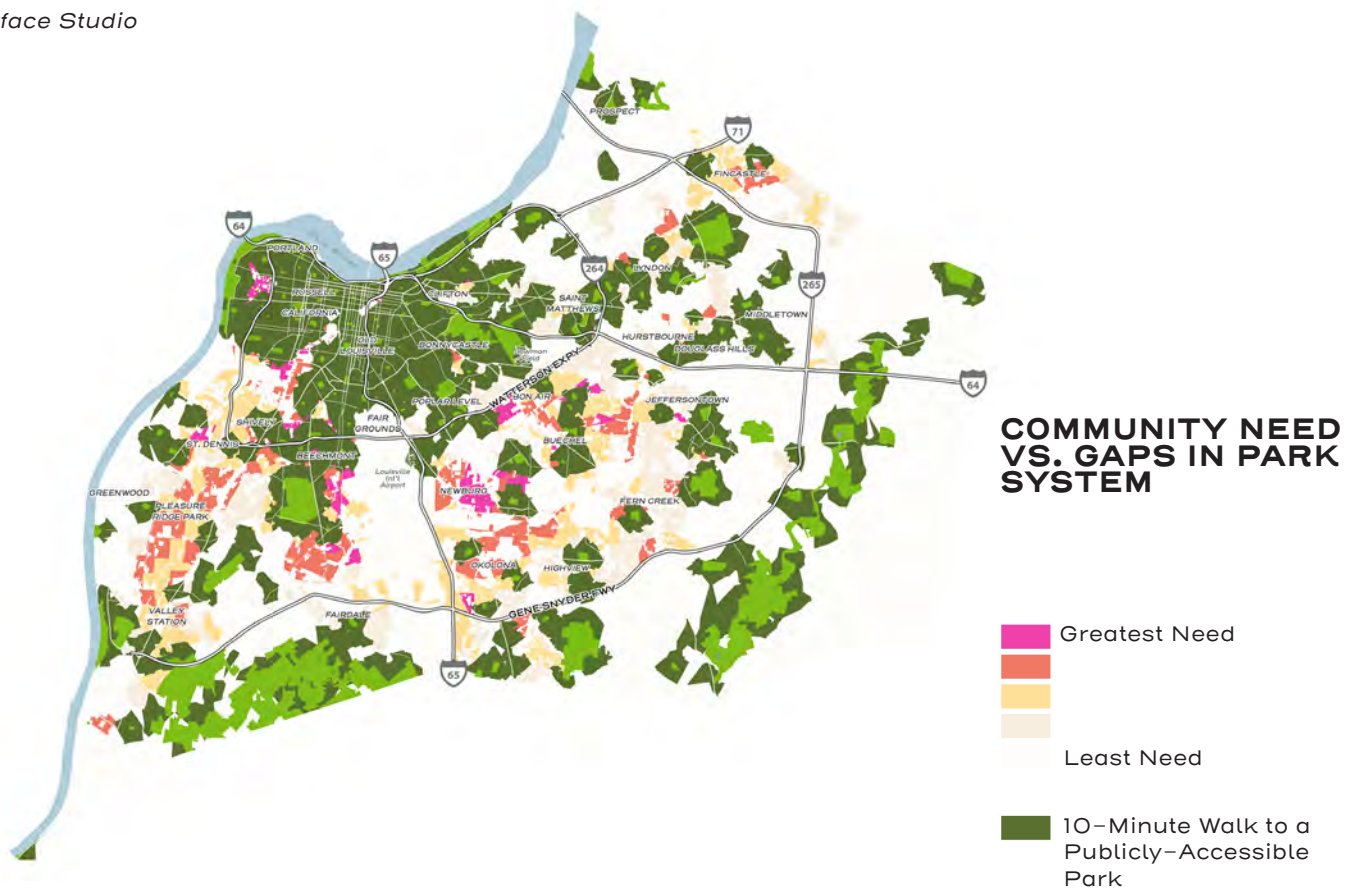
Identifying Priority Areas with the Community Need Score

To prioritize areas for new parks or improved access, two data points were used: the Community Need Score and data on areas that are already within a 10-minute walk of a park. Areas that are outside of a 10-minute walk to a park are recommended for priority action according to their Community Need Score.

For this task, the Community Need Score was calculated at the citywide scale, for all Census Block Groups. The Community Need Score identifies which communities across the city stand to benefit the most from investments in parks and recreation facilities. For more information on how the Community Need Score was calculated, see pages 74–75.

FIGURE 52. *Gaps in Park Access with Community Context Overlaid (to help identify highest priority gaps in park system)*

Interface Studio



Refining Priority Areas with the Jefferson Community Public Schools Overlay

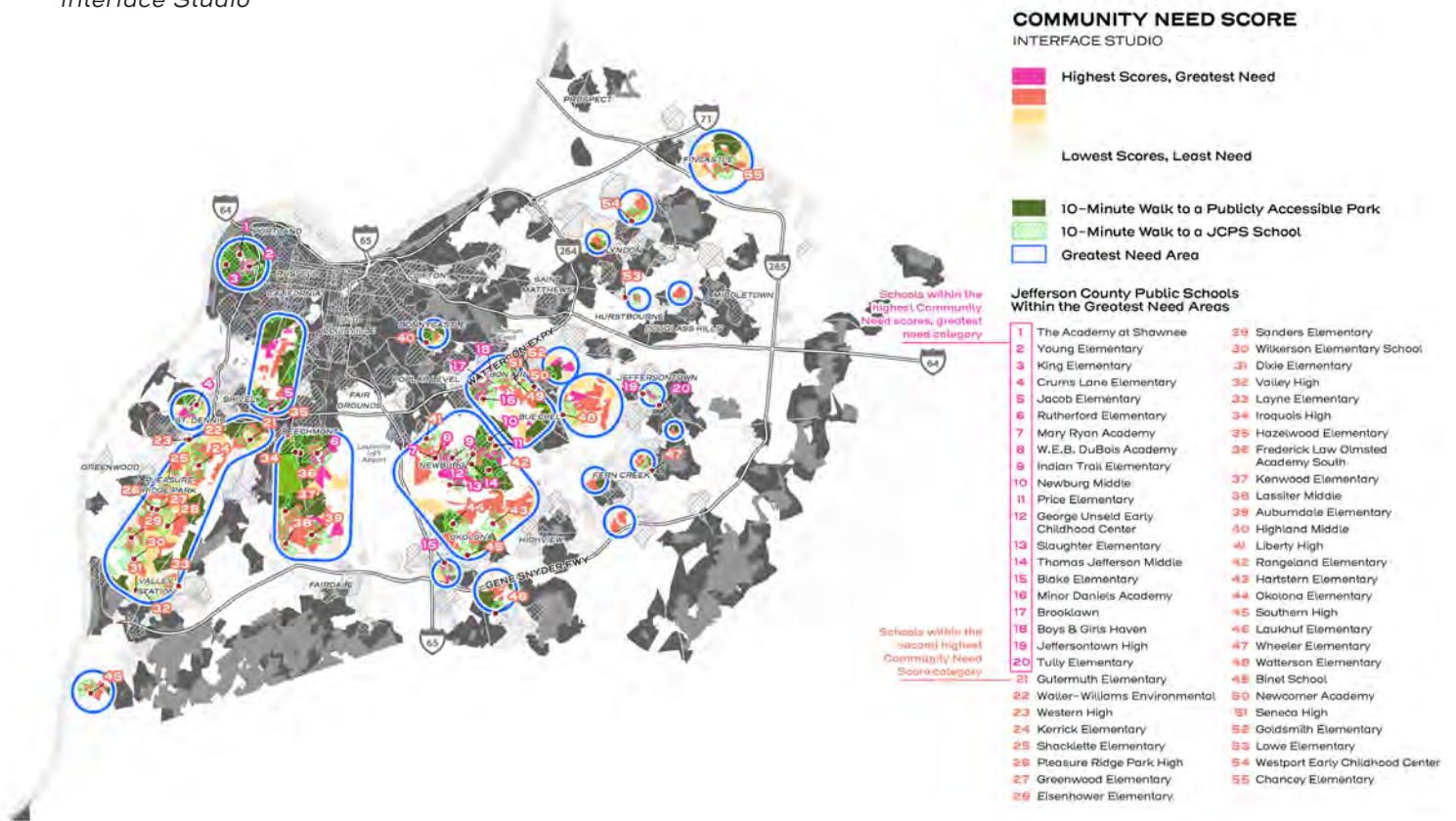
After priority areas were identified using the Community Need Score, the location of all Jefferson County Public Schools (JCPS) was overlaid. There are 170 JCPS schools across the Metro. Many of the schools contain various types of recreation amenities, from playgrounds to ballfields and sports courts.

There are 55 JCPS schools in the top two greatest Community Need Score areas that fill in walkshed gaps in park access.

These schools may represent the first and best remedy to poor park access in many communities, if arrangements are made to allow the public onto school grounds outside school hours. However, park access gaps remain and strategies to address these additional gaps should be explored by Metro government.

FIGURE 53. Gaps in Park Access with Community Context & School Grounds Overlaid (to help identify where existing facilities could help fill gaps in park system)

Interface Studio





Wyandotte Park
Parks Alliance of Louisville



BUDGETING NEW FUNDS FOR EQUITABLE CAPITAL INVESTMENTS

The recommended budget allocations for new capital dollars are based on 12.5% of the projected additional revenue committed or generated for *Parks For All* implementation. Based on the Recommended Funding Scenario, in the early years, the budget for capital investments in both funding approaches should yield an additional \$600K in year one, \$2.65M in year five, and \$5.43M in year 15.

The table below presents *Parks For All*'s recommended budget allocations for the new dollars raised for capital, with the majority of funding (60%) dedicated to funding capital improvements at existing sites within the system; 25% dedicated to funding the creation of new sites to fill gaps in access to parks for select areas outside of a 10-minute walk to a park or recreation facility; and 15% dedicated to funding improved connections to parks and recreation destinations. See Appendix E (pages 189–190) for detailed Funding Distribution information for Capital.

FIGURE 54. Recommended Budget Allocations of New Dollars for Capital Investment, based on 12.5% of projected additional revenue from Metro Government General Fund

		by FY28	by FY33	by FY38
CUMULATIVE NEW RESOURCES FOR CAPITAL INVESTMENTS OVER FY23:		\$2,650,000	\$3,887,500	\$5,425,000
Recommended Uses for New Capital Dollars	% share			
Additional Funding for Existing Sites	60%	\$1,590,000	\$2,332,500	\$3,255,000
Funding for Creation of New Sites	25%	\$662,500	\$971,875	\$1,356,250
Funding for Improved Connections	15%	\$397,500	\$583,125	\$813,750

Relationship between Capital & Rehab

EARLY YEARS

If a site is prioritized for Capital investments based on Highest Level of Need analysis, remove it from Rehab list

OUT YEARS

In time, as rehab needs shrink, shift a significant percentage of Rehab dollars to Capital to take on a greater number of transformational projects (at existing sites or new)



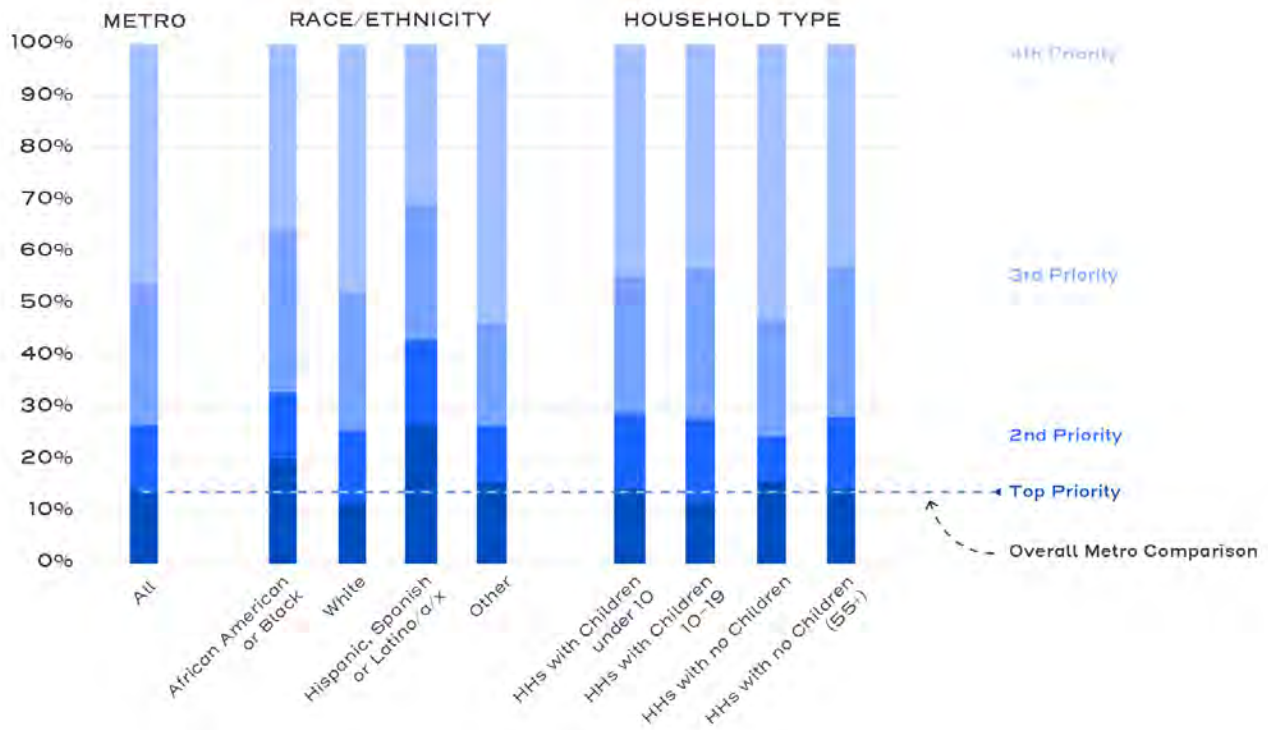
PUBLIC PRIORITIES

According to the *Parks For All* statistically valid survey, capital investments in totally new amenities or designs ranked fourth of four categories for investment behind rehab, maintenance, and recreation programming. In other words, Louisvillians place greater emphasis on taking care of their existing parks and recreation system and investing in expanded programming than on building new construction.

However, in the statistically valid survey, Hispanic and Black residents prioritized capital investments higher than the Metro overall, and other race/ethnic groups (Figure 55). Also, residents in Survey Area 1 (West Louisville) were more likely to rate the condition of parks poorly (Figure 56). While there are some parks in excellent condition in West Louisville, the site-by-site assessments confirm a higher concentration of parks in worse condition, driving a greater emphasis on capital improvement in that part of the Metro area.

FIGURE 55. Statistically Valid Survey Results on Prioritizing Capital Investments compared to Rehab, Maintenance, and Recreation Programming, by race, ethnicity & age

How would you prioritize “Totally New Amenities & Designs” (Capital)?



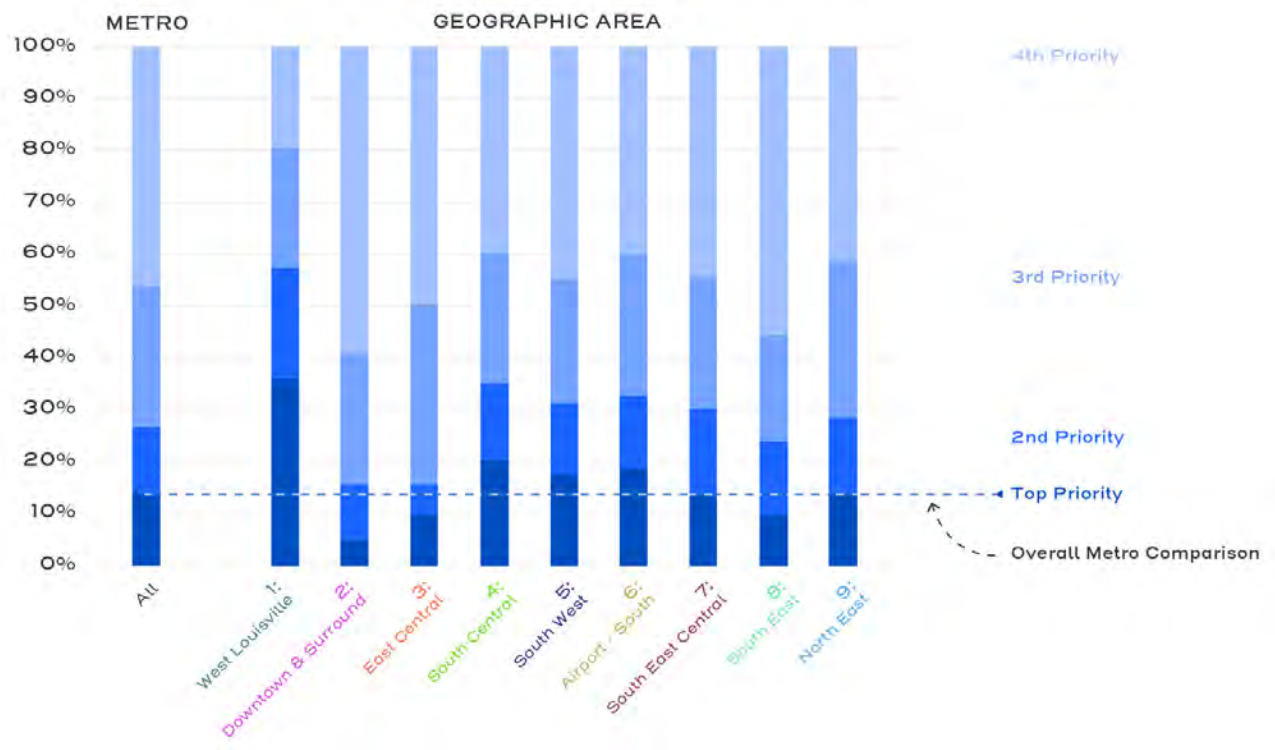


Residents in Survey Area 1 (West Louisville) were more likely to rate the condition of parks poorly.

While there are some parks in excellent condition in West Louisville, the site-by-site assessments confirm a higher concentration of parks in worse condition.

FIGURE 56. Statistically Valid Survey Results on Prioritizing Capital Investments compared to Rehab, Maintenance, and Recreation Programming, by geographic area

How would you prioritize “Totally New Amenities & Designs” (Capital)?





*Archery program
Louisville Parks and Recreation*

THE THREE SUPPORTING STRATEGIES

In addition to the equitable investment plan covering park maintenance, rehab, capital, and recreation programming, *Parks For All* provides supporting strategy recommendations, which cover three main areas: policy, operations, and financing/fundraising.

Three Supporting Strategy Areas

- **Policy:** proposed changes to Metro Government and/or Parks and Recreation Department policies that support the equitable investment initiative and its implementation, reflect industry best practices, protect against neighborhood displacement, and provide for improved operational efficiencies
- **Operations:** proposed changes to Parks and Recreation Department internal operations for improved alignment and coordination of Department activities, operational efficiencies, implementation of the equitable investment initiative, and adoption of industry best practices
- **Financing/Fundraising:** proposed financial management policies and practices, and revenue generation strategies that reflect industry best practices, partnership recommendations for relationships with nonprofit organizations and philanthropic community, and reporting strategies for transparency and accountability

The supporting strategy recommendations are grouped into these thematic buckets:

- **Equity:** Action Plan & Anti-Displacement Strategies
- **Finances:** Budget & Budget Management Practices, Revenue Policy, Earned Income Policy, & Enterprise Funds
- **People:** Louisville Parks & Recreation Department Organization Structure, Human Resources & Volunteerism
- **System Planning:** Park & Project Planning, Park Safety, Technology, & Data Management
- **Park, Facility & Asset Care:** Overall Maintenance Standards, Aquatic Maintenance, Field & Sports Court Maintenance, & Equipment
- **Recreation:** Program Standards; Community, Recreation & Senior Centers; & Program & Business Plans for Recreation Facilities
- **Partnerships:** Park Affiliated Non-Profit and Other Partnerships
- **Public Involvement and Oversight:** Park & Recreation Advisory Commission

It is important to note many of these recommendations interface with each other, therefore implementation will need to be coordinated across these various recommendations. The *Parks For All Implementation Plan* provides a phased road map for the coordinated implementation of the recommendations.

EQUITY: ACTION PLAN & ANTI-DISPLACEMENT STRATEGIES

Racial Equity Action Plan

Prior to the pandemic, Louisville Metro Government documented their commitment to racial equity and addressing systemic racism and worked to integrate racial equity strategies in the organization. Implementing equitable park investments is a critical step in addressing historical investment inequities in neighborhoods and parks, however, investing equitably is only one part of the solution. A racial equity action plan specifically developed for the Louisville Parks and Recreation Department will provide a tangible framework for the Department's racial equity work and will outline key steps to ensure staff are equipped with necessary training, knowledge, and tools to integrate racial equity into their work and that of the organization. The action plan will establish timelines, accountability, and performance measures for each action within the plan along with progress reporting and support for the ongoing internal transformational change, coupled with the equitable investments, to ensure a high level of service to the full community.

Recommendation:

- **Work with Government Alliance on Race and Equity (GARE) at Race Forward to develop the Louisville Parks and Recreation racial equity action plan.** GARE's work is centered on using a racial equity framework that clearly articulates racial equity, implicit and explicit bias, and individual, institutional, and structural racism. GARE's work with governmental entities is designed to build organizational capacity, implement racial equity tools, integrate the use of data,

develop partnerships with other institutions and communities, and operate with urgency and accountability to achieve racial equity within organizations.

Anti-Displacement Strategies

Often, when parks are built and/or improved in low-income neighborhoods, they contribute to starting or accelerating gentrification. New, wealthier, and often white residents are drawn to the area, frequently displacing low-income and people of color in those neighborhoods. Research has documented the threat of green gentrification in many U.S. cities. Because parks make low-income neighborhoods more desirable, they contribute to increased housing prices and can lead to the displacement of longtime residents, for whom many park equity efforts are designed and funded to serve. Therefore, it is critical for Louisville Metro Government to strengthen existing anti-displacement strategies through a variety of efforts. Parks-related anti-displacement strategies need to be carried out at the very early stages of park planning before investors recognize the potential of new park projects. Community engagement, especially in the early stages of park development projects, is an essential component of park and recreation anti-displacement strategies, as well as collaborations between Louisville Metro Government, park organizations, and housing organizations.

Recommendations:

- **For Renters of Existing Housing Units:** Look at establishing policies around rent control, anti-eviction protections (such as right to counsel) and renter



Beechview Terrace
Beechviewterrace.com

education workshops that aim to enable renters to continue living in existing privately owned rental units. As part of this process, examine Kentucky state laws to ensure rent control is not prohibited. Developing policies that apply to specific neighborhoods around parks tend to be more successful, as residents who fear gentrification often find common ground and successfully advocate for localized anti-displacement strategies.

- **Supporting and Promoting Homeownership:** For existing low-income homeowners, explore the establishment of property tax freezes and strategies to create additional revenue, such as allowing the construction of accessory dwelling units. For prospective low-income homeowners, look to programs that provide financial support, such as down-payment assistance. These strategies help stabilize communities near parks at risk of gentrification by keeping or transferring homeownership to longtime, low-income residents, who are often residents of color; helping reduce historic inequities in homeownership rates.
- **For Businesses and Jobs:** Support small business development to sustain or increase the earnings of longtime, low-income residents, such as small business disruption funds.

Establish strategies to create jobs for longtime residents, such as first source hiring ordinances. Increasing the earnings of low-income residents, while keeping rent or mortgage payments affordable, is often found to be more effective.

- **For Private-Sector Housing Developers:** Look at establishing strategies that require private-sector housing developers to contribute to the production of affordable housing. Developers build new below-market-rate units or pay fees that cities can use to build such units. This can be done through inclusionary zoning, production incentives (such as density bonuses), and developer impact fees for affordable housing. The goal is to increase the supply of below-market-rate housing units near new parks.
- **For Nonprofit and Public Housing Organizations:** Look at establishing strategies that focus on nonprofit and public housing organizations to build or manage subsidized housing, including municipal-level housing departments. These strategies include housing trust funds, community land trusts and other forms of land banking, and value-capture mechanisms, such as tax-increment financing, that generate funds for affordable housing.



FINANCES: BUDGET & BUDGET MANAGEMENT PRACTICES, REVENUE POLICY, EARNED INCOME POLICY & ENTERPRISE FUNDS

Budget and Budget Management Practices

The Louisville Parks and Recreation Department budget is extremely difficult to understand and is not transparent. The budget is not set up by Parks and Recreation Department activities and budgets for non-General Fund activities are not provided to the public. The annual budget does not detail non-General Fund activities (i.e., the golf course and Iroquois Amphitheater enterprise funds). Detailed revenue and expenses by activity are not provided but are reported in a lump sum. There is a need for better, easier, and more transparent public access to Louisville Parks and Recreation Department budgets. Revenue (all sources), expenditures (all sources), and staffing levels for capital improvements and operations should be outlined in detail.

Additionally, Department staff who manage operations or facilities do not know what their budgets are, nor are they responsible for managing them. This applies to revenue and expenses. There is not an approved list of budgeted positions for the Department; instead, there are quarterly reports on the number of filled positions within the Department making it impossible to effectively manage the activities of the Department and work toward operational and service delivery outcomes.

The budget/financial management protocols do not allow the Department to manage their budget over the course of a budget year. These protocols limit the Department's ability to make appropriate budgetary adjustments within the total approved Department budget – both revenue and expenses.

Purchasing even the smallest of items requires multiple approvals, creating inefficiencies, overbearing oversight, and poor use of staff time. The true cost (both direct and indirect costs) of what it takes to provide programs and services is not tracked. There is extremely limited clarity and transparency on Parks and Recreation Department spending and revenues. These restrictions limit the staff's ability to be creative and leverage the funds they do have to support the programs and facilities they manage.

Good park and recreation agencies annually spend 3–5% of the value of their assets minus the park system land value on capital improvements to maintain them properly. There are no accurate numbers on the value of the Louisville Park System, less land value. To calculate the current value of the park assets and to ensure that 3–5% of the value of the park assets is being spent to care for those assets, requires these actions:

- Every park asset needs to be tracked annually with their acquisition date, current value, current replacement cost, life cycle, and estimated replacement date
- Going forward, park improvements need to be budgeted as capital expenses so those improvements can also be tracked; if the improvements are instead budgeted in the operating budget they will not be tracked as improvements
- Incorporate the park and park asset condition information gathered through the *Parks For All* project as baseline information to build upon
- Institute best practices for tracking assets and asset values

The consulting team is pleased to see golf and the Iroquois Amphitheater have been put into enterprise fund(s), however the operating rules of the enterprise fund(s) are unclear. Do the enterprise fund(s) operate based on annual operating expenses and revenues, or do they include capital improvements as well? If they don't include capital improvements, how will capital improvements be budgeted for the facilities in these enterprise operations? Are golf and the Iroquois Amphitheater in a collective enterprise fund or are they in separate enterprise funds? Does each individual golf course stand alone or are they tracked collectively? Providing this clarity is necessary to appropriately manage these assets, operations, budgets, and fee structures for the enterprise funds to be financially sustainable.

The mayor's special events are included in Louisville Parks and Recreation Department budget and organizational structure. It is unclear if the funds to cover those expenses are taken out of the total Department budget or if they are added

to the Department budget, above and beyond the Department budget. Given the significant costs and time to manage and operate the mayor's special events along with the already very limited resources for the Parks and Recreation Department, if these costs and staffing responsibilities are included in the overall Department responsibilities and budget, rather than added to the Department, they place an undue burden on an already strapped department.

Looking at operational dollars, excluding funds for capital investments, the FY23 Louisville Parks and Recreation General Fund allocation budget of \$20,743,000 accounts for 2.7% of the total Metro General Fund budget of \$779,106,300. Nationally, on average, local park and recreation Department operational budgets account for 6–7% of the total municipal General Fund operations budget. Louisville allocates considerably less to its Parks and Recreation System, and the system includes 13% more public parkland per 1,000 residents than the national average.

FIGURE 57. *How Louisville Compares to Peer Cities in terms of Funding for Parks and Recreation*


We invest significantly less in our public park system than peer cities

The Averages	Louisville	Benchmark Cities
Public Spending per Resident	\$40	\$107
Private Spending per Resident	\$3	\$11
Total Public + Private Spending	\$33.3M	\$86.4M
Total Spending per Resident	\$43	\$118

Source: Trust for Public Lands

TPL Benchmarks
18 US Cities with Populations 600,000–999,000

- Albuquerque, NM
- Austin, TX
- Baltimore, MD
- Boston, MA
- Columbus, OH
- Denver, CO
- Detroit, MI
- El Paso, TX
- Fort Worth, TX
- Jacksonville, FL
- Las Vegas, NV
- Louisville, KY**
- Memphis, TN
- Nashville/Davidson, TN
- Oklahoma City, OK
- Portland, OR
- San Francisco, CA
- Washington, DC



Louisville has 16.9 acres of parkland per 1,000 residents (1 park for every 6,525 people), managed by Louisville Parks and Recreation, as compared to the national average of 10.6 acres of parkland per 1,000 residents (1 park for every 5,765 people), yet, Louisville invests significantly less in its public parks.

Louisville Parks and Recreation staffing levels are very low with 3.6 FTEs/10,000 residents as compared to 4.7 FTEs/10,000 residents nationwide.

- When looking at Department staffing levels compared to the 17 U.S. cities of comparable size in 2019, Louisville had 280 FTEs; the 17 cities had an average of 480 FTEs.
- When adding part-time and seasonal staffing levels to the mix, the staffing numbers for Louisville are much worse: In 2019, Louisville Parks and Recreation Department averaged 383 total employees whereas the 17 comparable cities had an average of 720 employees.

Given this investment picture of financial and human resources, more public and private resources and staffing are needed to care for the Louisville Park and Recreation System. Accompanying these policy, practices, and operations recommendations are detailed funding and staffing recommendations for increased public and private dollars for the park system.

Recommendations:

- **Set up the Louisville Parks and Recreation Department budget so that it is easy to understand and transparent with revenue and expense breakdowns by operational activities;** with non-General Fund activity revenue and expense budgets clearly documented by activities; document total revenue (all sources) and expenditures (all sources); document capital budget by project, with project description and funding sources; document annually approved FTEs by job title and number of positions/job title; and document part-time and seasonal jobs with corresponding FTE amount.
- **Provide staff who manage operations or facilities with approved budgets,** including operating revenue and expenses, approved reporting positions, and capital projects, and hold these staff accountable for managing their budgets and staffing.
- **Hold the Parks and Recreation Department responsible for effectively managing the activities of the Department,** within the approved budgets, staffing levels, and developed operational and service delivery goals.
- **Allow the Louisville Parks and Recreation Department leadership to manage the Department budget with fluidity;** to make appropriate budgetary adjustments to meet the Department's ongoing needs throughout the budget year as long as they stay within the total approved Department budget – both revenue and expenses.

- **Update purchasing practices to industry best practice thresholds** (a tiered purchasing approval system) providing authority for staff managing operations or facilities to make appropriate level purchasing decisions, with graduated purchasing approvals at higher dollar thresholds to improve efficiencies, reduce overbearing oversight, and hold budget managers accountable for appropriately managing their budgets and operations.
- **Track the true cost (both direct and indirect) of what it takes to provide programs and services** and use this information to develop a department revenue policy and earned income policy.
- **Provide annual reporting on Department performance for revenue and expenditures** – department-wide, by funding source, and by activity; staffing; and established operational and service delivery outcomes that are measurable.
- **Implement best practices for tracking assets and asset values, and ensure the asset tracking system is updated annually.** Develop strategies to ensure the annual budget reflects spending of 3–5% of the total asset value, less land value, on the care of park assets.
- **Ensure the rules and requirements for the enterprise fund operations are clear** and articulate whether the activities within the enterprise fund cover operating expenses and revenues, how facility capital investments are budgeted, if there is an overhead charge to the enterprise fund(s) that goes back to Metro Government’s General Fund, and how individual operations within the enterprise funds are handled – collectively or individually.
- **Develop a 5-year strategy for stabilizing the enterprise fund operations to ensure long-term financial sustainability.**
- **Evaluate whether the mayor’s special events should continue to be housed within Louisville Parks and Recreation Department budget and organizational structure.** If they continue to be housed within the Department budget, ensure the staffing and budget for the mayor’s special events are in addition to, not part of, the Parks and Recreation staffing and budget. From an operational perspective there is rationale to have the special events housed within the Parks and Recreation Department, however the full staffing and budgetary needs must be provided.
- **Increase funding and staffing to meet the needs of managing and operating the Louisville Park System.** Specific funding with staffing recommendations is provided separately.
- **Allow the Department to keep all, or a percentage of, the earned income they receive from user fees, sponsorships, concessions, rentals, permits, and partnerships** to support their operational budget and to allow the Department the resources to develop new programs and hire staff where necessary.



Revenue Policy

There is an overall philosophy of not charging fees for Louisville Parks and Recreation Department services. Revenue generation comes almost exclusively from the Mary T. Meagher 50-meter pool, golf courses, and Iroquois Amphitheater with little to no revenue from various programs or events. For General Fund activities, which account for all the Department's activities except golf and Iroquois Amphitheater, Louisville Parks and Recreation recovers 4.8% of their operational dollars from user fees, which is approximately \$1.2M. In the U.S., park and recreation agencies in cities with populations over 250,000 recover on average 20.1% of their costs through fees and charges (based on the 2022 NRPA Agency Performance Review Report). It is standard practice for park and recreation agencies to adopt revenue policies that recognize and define different revenue and service categories which provide the framework for agency fees and cost recovery practices.

Under the current policy in Louisville all fees are returned to the General Fund unless a facility is in the enterprise fund or contracted out. This means Parks and Recreation staff cannot use the revenue generated from parks and recreation services to improve facilities, hire more appropriate staff or contractors, buy supplies, or enhance programs.

All urban park systems include revenue producing facilities and programs that give staff options on how to use the revenue to invest in the system. In most urban park systems, free programs make up approximately 30% of the programs offered, while 40% of the programs offered support direct costs and the remaining 30% cover both the direct and indirect costs associated with the program. These programs include

golf course player fees, pool access fees, programs that are individual and exclusive based (i.e., swim lessons, golf lessons or rentals for spaces for weddings or large picnic shelters).

The Department should be able to collect fees for programs, services, permits, reservations, concessions, lessons, instruction, parking, and entrance fees. However, these fees should stay with the Department and not returned to the Metro Government's General Fund. An effective pricing policy usually includes three levels of options for users to access recreation facilities and programs. Examples of a three-tier pricing structure:

- **Option one or level one.** These are free programs that usually make up 30% of total programming. In this scenario, everyone receives the same level of benefit such as going to special events, accessing a non-reservable shelter for a group picnic, or using a non-reserved sports field for practice. (Many programs offered for free are perceived as having limited value and do not always meet users' expectations.)
- **Option two or level two.** These programs typically make up approximately 40% of programs offered by a park and recreation department. These program services have an associated public good and private benefit such as having the ability to have a reservation to use a park facility for exclusive use, or a permit to use an area of a park for hosting a wedding or offering special instruction for individuals. This exclusive benefit for use of a public facility service requires someone to pay for the value they receive.



Beechmont Community Center
Louisville Parks and Recreation

- **Option three or level three.** These programs and services are offered for individual benefit only, and make up 30% of program fees in most agencies. These constitute strictly private use of facilities and programs where the only person that benefits is the one that gets the private use of a facility, program, or service. Examples include personal training, personal coaching for youth and adults, exclusive use of a city facility to make revenue off a private event, or exclusive use of a sports court or area of a park.

Classifying program services and facilities by these three categories provides the opportunity to serve the whole community.

Currently, Louisville Parks and Recreation staff are not trusted to handle money and accept credit cards, so most community centers do not collect fees. This policy severely limits where patrons can pay for park and recreation services and deters participation in activities that come with a fee. Parks and Recreation staff are not motivated to generate revenue because additional revenue only lowers the department’s allocation of General Fund money. This policy is a disincentive to collect appropriate revenues for exclusive services provided by the department.

Recommendations:

- **Develop a comprehensive Department revenue and pricing policy based on industry best practices that evaluates fees and fee structures ensuring a tiered fee structure.** The revenue policy should include a pricing policy broken down by what level of public good and private good is being provided at the park or recreation facility (i.e., a pricing policy based on the level of exclusivity a user receives over a general taxpayer for services they want to take advantage of that can be provided by the department). Most urban agencies charge for summer camps, before- and after-school programs, sports leagues for youth and adults, individual fitness programs, art classes, how-to classes, trips for seniors, swim programs, sports tournaments, road races, group fitness classes, and performing arts classes.



Earned Income Policy

The consulting team is not aware of an earned income policy for Parks and Recreation. While the Department seeks some grants from the state and federal government, they appear to be very limited. The Department currently has a low-level approach to seeking sponsorships for programs and events. They are not allowed to keep any earned income if they do generate it, which is a major disincentive when appropriate opportunities are available that would generate revenue to enhance services.

If Louisville Parks and Recreation had more financial resources to draw from, they could improve their existing recreation centers and outdoor recreation facilities. They also need to build new recreation facilities in parts of the Metro area lacking access. Incorporating new funding sources to help offset operational costs would allow more capital dollars to improve the existing facilities. Earned income could be a source of new funding if the Department is allowed to keep user fee revenue. The new revenue would allow the department to hire more instructors, pay sports officials, buy needed recreation equipment and supplies, and market the services offered. Organized programs would activate community centers, pools, and athletic facilities. Creating earned income opportunities can also help to keep user fees down and still support the operational budget.

Examples of earned income opportunities could include:

- Sponsorships for sports fields, sports courts, and teams
- Advertising in parks and facilities
- Grants for youth in need of services from philanthropic organizations
- Program fees from camps, lessons, clinics, tournaments,

and leagues

- Permits for access to parks to host sports tournaments, community gardens, special events and special fundraisers
- Reservations for exclusive use of buildings, picnic shelters, sports fields, and parks for events
- Partnership investments, modeled after the golf courses, in development of community-based facilities, such as food trucks and concession areas in parks
- Memberships to fitness centers and pools, daily admission for some facilities, and season passes to pools and revenue producing facilities
- Daily access fees to clinics for fitness, pet services, and how-to classes
- Field lighting fees for events to use sports field lights for private users' games or tournaments
- Concessions sales
- Space rentals
- Retail options for special fundraisers for parks and recreation events

Incorporating some of these options would allow for longer operational hours at the community centers, including having the centers open on Saturdays, at a minimum.

Recommendations:

- **Develop an earned income policy** that allows the Department to seek sponsorships, partnerships, and alliances with other providers to assist with programs and events to activate parks and venues. This could include hosting events around art, music, food, sports, tournaments, or road races, where event fees, parking fees, and admission fees can be charged. Concessions and retail items could be offered with proceeds going back to the department to offset operational costs.

Enterprise Funds

By and large, the golf course operations are the best managed entities in the park system. Shifting golf and the Iroquois Amphitheater to enterprise fund operations for annual revenue and expenditures is a positive change. The enterprise fund for golf was established in FY20 with a \$500,000 General Fund allocation, and the Iroquois Amphitheater was set up with enterprise funds in FY23. As a result, there are minimal fund reserves to make golf course or Amphitheater improvements. Since enterprise funds are not detailed in the Metro budget, this lack of transparency means the consultants could not assess how they are being utilized. The fund or funds should be set up for tracking individual golf course revenue and expenses on an annual basis, including the annual status of each golf course's contribution to the reserve funds. The Amphitheater revenue and expenses should be tracked separately, and include the annual status of the Amphitheater's contribution to the reserve funds.

There is no incentive for the Golf Pros to make golf course improvements using the Golf Pro's own money followed by reimbursement by Louisville Parks and Recreation. The condition of Crescent Hill Golf Course pro shop, indoors and out, is extremely outdated, uninviting, and in very poor condition. It appears the Golf Pro does not demonstrate any incentive to care for the facility. The condition and inoperability of the irrigation systems at all the golf courses and the age and condition of the golf maintenance equipment at all golf courses is poor. Investing in irrigation systems and golf maintenance equipment are the two most critical needs at all golf courses to allow them to operate at a higher level; making them desirable places to play golf. In general, the Golf Pros have a good working relationship with Louisville Parks and Recreation.

Recommendations:

- **Ensure the enterprise fund(s) for golf and the Amphitheater are set up for tracking individual golf course revenue and expenses on an annual basis**, including the annual status of each golf course's contribution to the reserve funds, and tracking the Amphitheater revenue and expenses, including the annual status of the Amphitheater's contribution to the reserve funds.
- **Ensure the enterprise funds – revenue and expenses – for golf and the Amphitheater are detailed in the Metro Government budget.**
- **Invest in the golf course irrigation systems and golf course maintenance equipment.**
- **Work closely with the Golf Pros to build overall stronger golf course products;** build on the strength of the work the Golf Pros are already doing.
- **Evaluate the effectiveness of Crescent Hill Golf Course Golf Pro** to determine if a new Golf Pro is needed at this course.

PEOPLE: ORGANIZATION STRUCTURE, HUMAN RESOURCES & VOLUNTEERISM

Louisville Parks & Recreation Department Organization Structure

The current structure of Louisville Parks and Recreation needs to be updated to reflect industry best practices, support the implementation of the equitable investments and policy recommendations, and provide improved coordination and integration of the leadership, management, and operation of the department.

Recommendations:

- **Implement the recommended organizational structure framework for Louisville Parks and Recreation Department** with operating divisions driving the organization and the strategic support division providing resources and support to enhance effective, efficient, and equitable operations. See Figure 58 (page 96).
- **Have fleet management, HR, IT, communications and marketing, and finance positions housed within the Parks and Recreation Department** that coordinate, manage, and connect these specific parks and recreation functions with the complementary overarching Metro Government departments.

FIGURE 58. Proposed Organizational Chart for Louisville Parks and Recreation



Louisville Metro Government & Louisville Parks and Recreation Department Human Resources Practices

Extensive concerns were raised by Parks and Recreation Department staff regarding HR practices in both Metro Government HR and Louisville Parks and Recreation HR. These concerns were mostly related to hiring practices (i.e., length of time to fill vacant positions; outdated job descriptions; noncompetitive wages; loss of quality candidates due to a very extended process; poor communication with candidates; and lack of Park and Recreation managers' and supervisors' involvement).

These problems are reflected in the overwhelming number of vacant full-time positions within the Parks and Recreation Department. The number of vacancies is not new; it has been a consistent problem for years. The high number of vacancies exacerbates an already strapped and under-resourced Department. There is also a significant lack of part-time and seasonal positions across the Department. All these issues contribute to the Department's inability to fully deliver programs and services. Across the board, recreation facilities' hours of operation are severely restricted, programs are limited, and maintenance work is hampered because of a lack of staff. The level of vacancies creates unsustainable demands on an already overburdened staff.

Conversations with Department staff indicate that many positions are budgeted as full-time and there are restrictions placed on having part-time and seasonal staff. This practice is inconsistent with how park and recreation departments operate across the U.S. Most park and recreation agencies in the U.S. have two to three part-time/seasonal staff for every full-time position. Given the seasonal nature of parks and recreation, the need to have a flexible and fluid part-time

and seasonal workforce, particularly in recreation, is essential to operate beyond traditional business hours. The seasonal and specialized nature of programming often requires staff with unique skills and expertise to deliver specialized services at varied of times of the year. Currently, community centers are open from 9:00am–5:00pm, Monday through Friday. They should also be staffed and operational during early mornings, evenings, weekends, and holidays. Part-time and seasonal staff, to complement and support the full-time maintenance staff, are required to provide adequate maintenance services such as trash pick-up and restroom cleaning during peak park use in the evenings, on weekends and holidays.

Recommendations:

- **Conduct a comprehensive review of current hiring practices and develop and implement hiring best practices** ensuring coordination between Metro Government HR and Louisville Parks and Recreation HR. Ensure Parks and Recreation hiring managers and supervisors are integrated into the hiring process, including hiring decisions. Develop a schedule and timeline with specific goals to expedite filling vacant positions and reduce the Department's vacancy rate to industry best practices.
- **Conduct a comprehensive jobs audit of all Parks and Recreation Department full-time, part-time, and seasonal positions.** Develop updated job titles and job descriptions based on HR and parks and recreation industry best practices.
- Following completion of the jobs audit, **conduct a compensation study of all Louisville Parks and Recreation full-time, part-time, and seasonal positions and develop and implement**

appropriate compensation study recommendations.

- **Conduct an assessment of Parks and Recreation Department part-time and seasonal staffing protocols and establish updated protocols for part-time and seasonal staffing across the Department based on park and recreation industry best practices.**
- **Ensure the Department has dedicated staff for administrative functional areas** (i.e., human resources, communications and marketing, information technology, finance) that should have dedicated staff and develop liaison and coordinated protocols with associated Metro Government administrative departments.
- **Recruit part-time and seasonal staff during the winter holiday break** (i.e., around Christmas and New Years) **and spring break**, and offer positions early in the year, so staff can get started at appropriate times of year.
- **Consider contracting with a professional HR agency to recruit, evaluate, and assess summer job applicants** to fill the needed positions for parks and recreation jobs so the park system doesn't get the last of the job applicants each year.

Volunteerism

Strong volunteer programs are critical for parks and recreation agencies. A strong volunteer program is especially important given the extremely limited resources (both human and financial) available for parks and recreation staff to perform the functions of the Department. The Department volunteer coordinator is building the volunteer program and putting volunteer strategies in place for the park and recreation system.

Overall, Louisville Parks and Recreation volunteer programs are very limited; staff are not properly trained on working with volunteers, recruiting volunteers, or training volunteers. Alternatively, the Olmsted Parks Conservancy's strong volunteer program has helped them achieve high maintenance standards in the parks they manage. Volunteerism should be viewed as a core program in growing talent and advocacy for the Parks and Recreation Department, rather than as a competitor to the work that staff do. Volunteerism is the highest form of advocacy; volunteers will make a difference in how the Department is viewed in the community.

Recommendations:

- **Prioritize volunteer development and create job descriptions** which include skill set requirements for each volunteer position in the Department.
- **Recruit and hire volunteers for specific volunteer jobs and train "hired" volunteers on those specific jobs.** Document the total hours each volunteer works on a weekly, monthly, and yearly basis. Annually calculate the total number of individual volunteers and total volunteer hours provided to the Department and report these numbers, using the national hourly rate volunteer value, as in-kind dollars for matching grants.
- **Train staff on how to work with volunteers** so volunteers are energized to work for the Department.
- **Develop a volunteer policy and training manual** for volunteers and staff to follow.
- **Celebrate the volunteers** by providing funded recognition programs for volunteers each year.

SYSTEM PLANNING: PARK & PROJECT PLANNING, PARK SAFETY, TECHNOLOGY, DATA, & DATA MANAGEMENT

Park & Project Planning

Long-range strategic planning and park project master planning are fundamental tasks for any park and recreation system. Additionally, comprehensive park and recreation system planning is essential to ensure the needs of a community are identified and integrated into the current and long-term vision. The system plan also becomes the guiding document ensuring the direction, decision-making, and investments are in alignment with the plan. Managing capital projects requires staff with the training and background to manage park capital projects from inception and community engagement, through design, and into construction and implementation. GIS staff are also needed within Park Planning operations to modernize and maintain park system data that become the baseline of information for park system decisions, including development of a system plan, managing park projects, and tracking investments over time. Louisville Parks and Recreation does not currently have the capacity in-house to effectively manage park planning strategy, activities, and park system data, nor does the Department utilize contracted services to meet this essential need. At best, there is limited activity in terms of park master planning, strategic planning, and budget advocacy for park planning activities. Rather, Louisville Parks and Recreation is reactive and outdone by the Olmsted Parks Conservancy.

Olmsted Parks account for 14% (17) of the total number of parks (120) and 17% (2,300 acres) of total park acreage (10,916 acres). Yet, Olmsted Parks have received almost 50% of total capital allocations since the city-county merger.

Historical spending for capital investments underscores these challenges and inequitable park investments. When park planning was moved out of Louisville Parks and Recreation several years ago, the problem was only exacerbated. At the time of the move, there was a heavy focus on the Louisville Loop, and the park planning staff that were in Louisville Parks and Recreation were moved to Louisville Public Works. Louisville Parks and Recreation has suffered significantly since planning was removed from the Department, further inhibiting the Department's ability to plan for and meet the park and recreation needs of the community. Addressing the park and project planning needs of Louisville Parks and Recreation – including the related technology and data management needs – is critical.

Recommendations:

- **Establish a Planning and Development Division within Louisville Parks and Recreation** to provide strategic planning, design & project management, construction management, and GIS management for the park system and department.
- **Sufficiently fund** the staffing, individual park master plan, and park system master planning efforts, including investment in technology, data management, and GIS needs.
- **Coordinate efforts to address park planning needs** with efforts to address technology issues, and park data, and data-management needs. Ensure improved data and data management provide support to broader organizational goals and work plans tied to rehabilitation, maintenance, and recreation programming.



Park Safety

The statistically valid public poll conducted as part of this *Parks For All* Project identified lack of adequate park security and not personally feeling safe as the top two reasons Louisville residents are deterred from using public parks and recreational facilities. The design of a park or park facility has a direct impact on peoples' perceptions of safety and their willingness to use a park and facility. Implementation of park design best practices is critical to address the factors that people associate with high-risk environments, which include poor lighting, poor maintenance, vandalism, confusing layout, physical and auditory isolation, poor visibility, no access to help, and areas of concealment. Often the most requested physical design modification to improve safety is an increase in park lighting. A number of these high-risk physical factors – poor lighting, poor maintenance, and vandalism – exist in many Louisville parks. A good park design incorporates safety while meeting the needs of its users, is diverse and interesting, connects people with place, and provides people with a positive image and experience. Improving the design of Louisville parks and facilities will significantly address the consistently raised concerns about park security and individual and family feelings of safety.

Recommendation:

- **Addressing the park safety and security issues** is directly tied to establishing a Planning and Development Division within Louisville Parks and Recreation. Park planning and landscape architect professionals will bring the technical training and experience to design and redesign parks with good park design and safety in mind.

Technology

During COVID, technology – hardware and software – upgrades were implemented across the Department. The push to advance and integrate technology into the Department is admirable; however, there is no staff to manage, operate, and improve the use of those systems, including GIS. There is also a need for improved training in the use of the Department's asset management software (Asset Essentials). The Department may need to explore alternative software for better integration.

Currently, the Department/Metro Government use three different software systems to track park assets and work orders. Staff built the current asset dataset using GIS. Asset Essentials software hosts the database of park assets, but it is inaccessible to staff without devices. This means staff can't log issues, report progress, track repairs, or comprehensively assess the needs of the park system. Only maintenance staff can create and complete work orders in Asset Essentials, however the system will not accept work orders without photos, which could be more easily provided by on-site operations staff. Finally, Metro Government uses Accela to manage 311 complaints from the public. Parks staff are not designated as full users of Accela, and Accela is not integrated with Asset Essentials. These issues have led to an internal paper system, manual entry processes, and difficulty clearing any resolved complaints from Accela.

Going forward, Louisville Parks and Recreation must modernize its use of technology and adopt an integrated software solution that connects GIS data on assets and their conditions with work orders on past and planned investments.



Staff training on GIS park asset evaluation process
Interface Studio

It will be critical to coordinate efforts to address park planning needs with efforts to upgrade and expand utilization of technology to support improved park data and data management.

There are redundant and non-compatible technologies being used; Louisville Parks and Recreation needs to pick one. The consultant team found across the board, staff within the Department is using the technology available to them on a very limited basis. The combination of issues has created a lot of redundancies, gaps, and inefficiencies across the department. Hiring staff to manage and operate the technology and establishing protocols and training for using the technology should be done in concert with the data and data management recommendations. The coordination of addressing the technology issues, park data and data management, and park planning is critical.

Recommendations:

- **Hire information technology professionals** to upgrade, manage, and operate the department’s technology, including GIS.
- If Asset Essentials cannot effectively integrate condition data updates and investment tracking with work orders, **evaluate, purchase, and integrate an asset maintenance management system** for Louisville Parks and Recreation that allows staff to more seamlessly maintain the current database, and provide ongoing updates, for the purpose of measuring and reporting on progress.
- **Develop a technology action strategy for the department** that includes the purchase and use of coordinated and integrated technology solutions, provides staff training on the hardware and software available for staff, establishes protocols for hardware and software use, establishes common and consistent practices to eliminate gaps and redundancies and improves efficiencies in Department practices.
- **Coordinate efforts to address technology issues and needs** with efforts to address park planning needs, overall department data and data management needs, and broad operational needs across the Department.





Data & Data Management

Prior to the *Parks For All* project, much of the data about the park system was incomplete and, in some cases, inaccurate. As a result, there were many gaps in data as well as data redundancies creating a lot of inefficiencies. Louisville Parks and Recreation now has a full set of data about the park system's assets, conditions, and history of capital investments. It is critical that Louisville Parks and Recreation develop systems to manage and maintain this data, using the current data as a baseline, and building practices and protocols for a magnitude of department activities including investment decisions, park care, park asset replacement, maintenance scheduling, park planning, and project management. The Department needs to establish protocols for keeping this data current and will need to have staff within the department to manage the data and train staff on using and updating data. Implementation of data and data management recommendations should be done in concert with the technology recommendations. Investments in technology will support data management efforts necessary for the coordination of park planning needs. A commitment to maintain and build upon the current park data and implementing appropriate data management practices is critical to measuring progress and demonstrating the impact of *Parks For All* funding and implementation efforts going forward.

Recommendations:

- **Create and hire a team of trained data management staff** to maintain the current database on all Louisville Parks and Recreation sites, manage data on asset conditions, stage in life cycle, age, current value, current replacement costs, history of rehab investments, and estimated replacement dates, and develop protocols for data collection, data usage, and using data for decision-making.
- **Develop a data management action plan for Louisville Parks and Recreation** that includes a data team, data management tools (software and hardware), and data protocols.
- **Coordinate addressing park data and data management needs with efforts to address park planning and technology needs.**

PARK, FACILITY & ASSET CARE: OVERALL MAINTENANCE STANDARDS, AQUATIC MAINTENANCE, FIELD & SPORTS COURT MAINTENANCE & EQUIPMENT

Overall Maintenance Standards

Louisville Parks and Recreation does not have any written, system-wide maintenance standards. Staff tries to follow some kind of maintenance schedule, but the standards are very low – for example, mowing every 21 days, trash pick-up twice a week, restrooms cleaned and stocked once a day, etc. The Department is unable to achieve basic quality maintenance standards because of inadequate maintenance staffing levels, limited equipment, and aged equipment with high levels of out of service hours for repair.

Recommendations:

- **Implement the park system Maintenance Recommendations** as articulated in the *Parks For All* Action Plan and Final Report which includes increasing staffing levels, replacing the outdated and under-performing equipment and vehicles, increasing the vehicle and equipment fleet, and improving maintenance practices.
- **Establish maintenance standards and maintenance activity progress tracking.** Address the improvement of maintenance practices one by one, in priority order, as articulated in the *Parks for All* Action Plan and Final Report. This work needs to be done in concert with implementing the Louisville Parks and Recreation Equipment recommendations.

Aquatic Maintenance

Based on observations and site visits at four Louisville Parks and Recreation pools, there appears to be a basic standard level for cleanliness in the restrooms, changing areas, and outside pool decks. Facility painting was done prior to the start of 2022 season and pool water was clear at all sites. The singular biggest issue at the aquatic facilities is how out of date the facilities are, with little to no amenities to attract and improve user experiences such as diving boards, moving water, water slides, contemporary spray ground areas, etc.

Recommendation:

- **Invest in the physical infrastructure of the aquatic facilities**, using the completed 2019 and 2022 aquatic studies as the guides for making and prioritizing the investments.





Athletic Field & Sports Court Maintenance

Very low-level maintenance is performed on baseball, softball, and other sports fields. Baseball and softball infields were dragged at least a couple of times a week and outfields mowed at least once a week. Other sports fields were mowed at least once a week, lights were outdated and not efficient on the fields observed, and a lot of graffiti was observed on and in restroom buildings. Basketball and tennis courts were mostly in need of new overlays, tennis nets and basketball hoop nets were worn, and many basketball hoops did not have any nets. Standard striping was missing at many of the basketball courts; however, striping was present on the tennis courts.

Recommendations:

- **Include athletic field and sport court maintenance standards in the overall park maintenance standards** based on best practices, including maintenance progress tracking.
- **Use rehabilitation dollars as articulated** in the *Parks For All* Action Plan and Final Report to restore surfaces, fencing, dugouts, nets, etc.
- **Seek sponsorship dollars for sports courts replacement and overlays** from various sport related agencies in Louisville.

Equipment

Over 50% of Louisville Parks and Recreation vehicles and equipment are at least 15 years old, and many are 20 years or older. Beyond these numbers, Metro Government was unable to provide an accounting for the total number of vehicles and equipment within the Parks and Recreation Department fleet. Without an accurate inventory of vehicles and equipment, it is impossible to develop a plan to ensure that adequate numbers of vehicles and equipment are supplied to the Department and that an appropriate vehicle and equipment replacement schedule is also in place.

Given the acreage of Louisville's park system and the diversity of maintenance tasks required to care for this complex park system, it is essential that the Department has the right number and types of well-functioning maintenance vehicles and equipment. However, the Department has an inadequate number of vehicles and equipment and the vehicles and equipment they have at their disposal are predominantly old, with excess down time due to equipment breakdowns, if the equipment functions at all. Staff spend an inordinate amount of time repairing the equipment, taking them away from the precious time they have to perform maintenance work.

The Department is allotted a set dollar amount each year for the purchase of new vehicles and equipment for maintenance. This practice is not based on hours of use of the vehicles or equipment, or on the service years of the vehicles or pieces of equipment. Vehicles and equipment can only be purchased; leasing vehicles and equipment is prohibited. Leasing options often provide financing opportunities and replacement scheduling that would

improve the quality of the vehicles and equipment, provide for an appropriate equipment and vehicle replacement schedule, as well as increase the number of vehicles and equipment which are needed to effectively deliver services and improve maintenance functions.

Recommendations:

- **Evaluate equipment and vehicle purchase and lease options and develop approaches that provide the best financial benefits and meet department equipment and vehicle service delivery and maintenance needs.** Through this process, it is important to recognize that multiple and varied lease/purchase strategies may need to be utilized to meet the diverse range of department equipment and vehicle needs. A lease package may work for certain operations within the department while purchases may work best for other operations.
- **Develop a lifecycle replacement policy that addresses vehicles and maintenance equipment** from these four different perspectives:
 - The hours of use for mowers, tractors, etc.
 - Age of the vehicles and equipment and the number of vehicle and equipment failures experienced.
 - Cost/benefit analysis to determine if the item costs more to repair than it is worth.
 - Remove and/or replace vehicles and equipment that no one uses because it is not safe or efficient to use anymore.
- **Develop a 10-year vehicle and equipment replacement plan, to be updated annually, based on the lifecycle replacement policy** to positively impact service delivery and improve maintenance practices.
- Given the volume of outdated and underperforming vehicles and equipment, **evaluate opportunities to sell these vehicles and equipment to provide a cash infusion to purchase and/or lease new vehicles and equipment.** If such opportunities exist, use the lifecycle replacement policy and 10-year vehicle and equipment replacement plan to purchase and/or lease new vehicles and equipment.
- **Dedicate adequate resources** (funds for the purchase and/or lease of vehicles and equipment) **to implement the on-going equipment replacement plan.**
- In each of these recommendations, **evaluate “best” equipment and vehicle purchase and lease decisions** to reduce vehicle and equipment down time, reduce carbon emissions, improve productivity, reduce worker injuries, and compliment operational best practices.
- **Create and fill a full-time fleet management position within the Parks and Recreation Department** to oversee fleet management and repairs and to move equipment out of the system when it reaches its useful life.
- **Budget at least 5% of the total asset value of equipment each year for replacement.**





RECREATION: PROGRAM STANDARDS; COMMUNITY, RECREATION & SENIOR CENTERS; & PROGRAM & BUSINESS PLANS FOR RECREATION FACILITIES

Program Standards

There is limited program staff to activate spaces across the park system. Based on site visits and conversations with staff, it is evident the Department functions as a facility management department vs. program and facility management department. It appears Louisville Parks and Recreation does not manage by standards for program services. According to the Department staff, the programs provided are often based on what the staff feel the community desires rather than what the community needs and how the programs need to be delivered.

Recommendations:

- **Develop a Comprehensive Recreation Program Plan** for Louisville Parks and Recreation based on industry best practices while also integrating the public's priorities for recreation programs (the results of the statistically valid public survey) into the plan.
- **Provide staff and volunteers best practices training for program delivery**, integrating the Comprehensive Recreation Program Plan to institutionalize a department-wide philosophy and approach for recreation programming.

Community, Recreation & Senior Centers

While the centers were closed during the pandemic, they all received refurbishing, including significant painting. Overall, the gyms in centers were in the best condition, however, there are not many gyms across the park system. All but one of the centers are refurbished old buildings, many old schools, not built or designed to be recreation centers. Many centers have fitness equipment, which is often outdated and located in small spaces. It was great to see that all the community centers were very clean.

The centers are not open evenings and on weekends, missing the opportunity to provide recreation services during high use times. There is a significant lack of program staff at the centers and no real program plan exists for the Department, or for any of the centers. On a center-by-center basis staff are left to see what the public is interested in and try to program to meet that need. In addition to having buildings that were not designed to operate as recreation centers, the lack of evening and weekend hours, lack of programming staff, and no real program plan for recreation services are the biggest issues.



Youth activity class at Berrytown Community Center
Jayne Miller Consulting

There is only one passenger van available for use by recreation staff to transport recreation patrons, and it is very old and unsafe to drive. Providing recreation staff with access to an adequate number of passenger vans or other reliable transportation for programming needs is very important.

Sylvania Community Center is currently vacant, therefore an evaluation is needed to determine whether it is appropriate to redesign and rehab the building for it to function as a recreation center or if it should be torn down. The recent closure of Watson Lane Elementary School also requires an evaluation to determine whether it is appropriate for the school and grounds to be redesigned and rehabbed as a recreation center, or if it should be donated or sold to a nonprofit to provide programs and services to the community.

Recommendations:

- In addition to developing a Comprehensive Recreation Program Plan and providing best practices training for program delivery, it is essential to **update center hours of operations and make investments in the physical infrastructure of the centers** to provide adequate programming services and space.
- Based on the Comprehensive Recreation Program Plan, **assess the transportation needs of the community, and**

develop a transportation plan for the Recreation Division that aligns with the Comprehensive Recreation Program Plan and the transportation needs of the community.

- **Assess the need for fitness centers and the quality of current equipment in the community centers and Mary T. Meagher Aquatic Center.** If there is a need for fitness center(s), identify appropriate locations with adequate space, install up-to-date fitness equipment, hire appropriate staff, and provide best practices training.
- **Conduct a comprehensive community center assessment** for the Louisville Metro Area, examining the location, size, layout, and amenities provided at each to ensure centers are adequately distributed to meet the diverse community recreation needs.
- **Evaluate the closed Sylvania Community Center** to determine if it is appropriate to reinvest, redesign, and rehab the building for it to function as a recreation center or if it should be torn down.
- **Evaluate the recently closed Watson Lane Elementary School** to determine if it is appropriate to convert, redesign, and rehab the building and grounds into a recreation center, or it should be donated or sold to a nonprofit to provide programs and services to the community, or torn down.



Program & Business Plans for Recreation Facilities

Louisville Parks and Recreation has no program or business plans for any attraction they own and operate (i.e., Mary T. Meagher Aquatic Center; Iroquois Amphitheater; community, recreation & senior centers; golf courses). Nor do they have business plans for facilities they own but are operated by another entity. The contracted golf professionals develop business plans for the elements of the golf courses they manage and operate, however, there is not a comprehensive business plan for each individual golf course nor a comprehensive business plan for golf. Each community center, golf course, pool, the Amphitheater, etc. should have individual business plans, and multiple like facilities should have a comprehensive business plan. Priority must be given to the golf courses, the Amphitheater, and Mary T. Meagher Aquatic Center.

Recommendations:

- **Develop Program Plans based on industry best practices for each recreation facility the Department owns and operates** (i.e., Mary T. Meagher Aquatic Center, Iroquois Amphitheater; each community, recreation & senior center; each golf course). Ensure the program plans align with the Department's Comprehensive Recreation Program Plan (described under Program Standards on page 106).
- **Develop Comprehensive Business Plans based on industry best practices for all Louisville Parks and Rec attractions** (i.e., Mary T. Meagher Aquatic Center, Iroquois Amphitheater; each community, recreation & senior center; each golf course) with priority given to the golf courses, the Amphitheater, and Mary T. Meagher Aquatic Center.

PARTNERSHIPS: LOUISVILLE PARK AFFILIATED & OTHER

Park Affiliated Partnerships

Louisville has three park affiliated nonprofit organizations – Olmsted Parks Conservancy, Parks Alliance of Louisville, and Wilderness Louisville.

The current environment and relationships between Louisville Parks and Recreation and these nonprofits is consistently described as very competitive, with each entity fighting for dollars, no clear boundaries, and confusion around the responsibilities of each nonprofit. Additionally, there are inconsistent protocols that guide the relationships between the nonprofits and Louisville Parks and Recreation, contributing to the competitiveness among the nonprofits and the Department.

Recommendations:

- **Build a collaborative and coordinated environment between Louisville Parks and Recreation and the park affiliated nonprofit organizations**, individually and collectively, to maximize use of resources, ensure clarity on the role of each organization, and build an environment of collegiality and support among all the organizations. This collaborative approach is especially important given Louisville Parks and Recreation's capacity and resource limitations. The goal should be to deliver an improved park and recreation system and service delivery to Louisville residents. By implementing these changes, the relationships with and between these organizations will be strengthened. Defined clarity of roles; clear, consistent, and fair protocols; and operating policies and practices will lay the foundation for creating

collegial working relationships. These changes will provide a coordinated approach, while ensuring the independence of each organization.

- **Create a consortium of these three (3) nonprofit partners to work directly with Louisville Parks and Recreation** through an overarching agreement that:
 - Defines roles and responsibilities of the consortium, each nonprofit, and Louisville Parks and Recreation.
 - Recognizes the role, assistance, and support the nonprofits provide to Louisville Parks and Recreation.
 - Defines working relationships for the consortium and Louisville Parks and Recreation, and between the individual organizations.
 - Provides consistency in relationships with Louisville Parks and Recreation and these three nonprofits.
 - Standardizes protocols for the nonprofits' use of parks and park facilities when hosting events that support and strengthen the park and recreation system.
 - Creates standards and protocols for funding and matches.
 - Articulates consortium goals in five-year increments, with annual progress reporting.
 - Establishes protocols for working together and supporting each other.

Other Partnerships

In general, there are few programming partnerships whether they be public/public, public/nonprofit or public/for profit. The facility or activity specific partnerships we were made aware of are Riverside: The Farnsley–Moremen Landing, Locust Grove, and The First Tee of Louisville. The Locust Grove nonprofit manages and operates the Locust Grove historic home. The consultant team did not get any clarification on the relationships for managing Riverside: The Farnsley–Moremen Landing. The First Tee nonprofit manages and staffs golf assets and golf programs.

There are very few partnerships with other agencies in the Metro that one would normally see in a park system, such as sports corporations, universities, art associations, libraries, professional sports groups, schools, etc. In particular, Louisville Parks and Recreation should investigate an overarching partnership with JCPS (rather than partnerships determined site-by-site) for use of their facilities, either indoor or outdoor during non-school hours.





Recommendations:

- **Establish partnership agreements with all other nonprofits supporting parks in the Metro area.** Partnership agreements should incorporate a strategic plan on how each partner will accomplish their work and set goals for the spaces. The relationship between the Department and the nonprofit should be complementary, supporting each other's efforts with measurable outcomes to hold the Department and each partner accountable for what they agree to do each year.
- **Host an annual meeting with all elected officials and Louisville leaders** on what was accomplished by all nonprofit partners and to recognize each group's efforts. This meeting should include the Parks Alliance of Louisville, Olmsted Parks Conservancy, and Wilderness Louisville.
- **Create and fill a partnership coordinator position** to work with each nonprofit group (including Olmsted Parks Conservancy, Parks Alliance of Louisville, and Wilderness Louisville), managing the partnership agreements, going after grants, complementing each other's fundraising efforts, and growing park support across the Metro area.

PARK AND RECREATION ADVISORY COMMISSION

Louisville Metro Government has a group called "Parks Advisory Commission for Louisville and Jefferson County". That Commission, however, has been inactive for several years. Best practices call for parks and recreation agencies to have active and engaged Parks and Recreation Advisory Commissions that provide a formal opportunity for the community to be involved.

Recommendation:

- **Reconstitute the Parks Advisory Commission for Louisville and Jefferson County into the Parks and Recreation Advisory Commission** that provides advice, recommends policies, and provides a formal opportunity for public involvement regarding park development; community park and recreation services, including park rules and regulations; park and recreation facility policies, fees, hours, and scheduling; annual operating budget; park land acquisitions; major new development projects; and capital improvement and acquisition funding. This Commission should be charged with not only providing advice and recommendations to the Parks and Recreation Department, but also to Metro Council through the Parks and Sustainability Committee.



*Rubel Park
Louisville Parks and Recreation*



*Iroquois Park
Louisville Parks and Recreation*

EVALUATION TOOLS TO MEASURE IMPACT OF NEW INVESTMENTS AND OPERATING PROCEDURES

Parks For All is grounded in data that shows investments in parks can impact communities and residents in wide-ranging ways, from improving health and wellness, to strengthening community ties, to improving the environment. This approach is based on an equity model where park investments are prioritized in the communities that stand to benefit the most from them, i.e., where the need is the greatest. To continue to make the case for this equitable park investment strategy, the department must track the impact of investments as they occur. Evaluation tools should track not only the change within a park itself, but also among its users and the park's adjacent community.

Implementing evaluation tools across a range of parks and communities can be a daunting task, so it is important to utilize a tested tool that can be implemented in a range of situations.

The *Reimagining the Civic Commons* initiative provides out-of-the-box Do It Yourself (DIY) evaluation tools to measure the impact of investment in parks and opens spaces, including:

- **Observation Mapping & User Counts:** Tools that help track change in usership generally, most popular times of day, and what park users do within the park
- **Site Intercept Survey:** Tracks change in park users' perceptions and in the demographics of park users
- **Neighborhood Survey:** Tracks change in various social factors across the community, as well as community use of public spaces

Measurement tools can be found at <https://civiccommons.us/2019/01/measure-matters-diy-toolkit>, or in the **Measuring What Matters** booklet produced by *Reimagining the Civic Commons*.

The *Reimagining the Civic Commons* initiative is a growing twelve-city network that helps advance parks and open space projects to deliver social, economic, and environmental benefits. In addition, the *Reimagining the Civic Commons* Learning Network provides opportunities for practitioners across the country to share knowledge and experiences around park and open space investments. It could be beneficial and timely for Louisville groups to engage with this network as the *Parks For All* work progresses.



*Louisville Parks and Recreation Staff Training for Park and Facility Assessments
Interface Studio*

APPENDICES

A]

Methodology for Park and Facility Assessments

During the *Parks For All* study, the consultant team worked with Louisville Parks and Recreation to collect data on the conditions at every park and facility within the system. Park conditions were assessed in two ways: every major asset in every park was assessed individually, and park-wide conditions were assessed for each park. Facility conditions were assessed using a single form that addressed the condition of various major systems.

Major park assets generally included recreational assets and small structures, such as:

- Sports fields
- Sports courts
- Pools
- Pavilions
- Playgrounds
- Restrooms
- Concession stands

Minor assets and park amenities were not assessed individually; these included smaller elements that appear in significant numbers, such as bollards, light poles, flag poles, grills, trash cans, signs, and so forth.

Major park assets were assessed on a four-point scale including ratings for conditions that were **excellent, good, fair, and poor**. Assessors were trained to recognize various conditions during two all day in-person sessions. Common conditions for various asset types were presented in a slideshow, and the consultant team visited a range of parks across the Metro with assessors to arrive at a common understanding of each rating. For more details on the general conditions rating, see pages 116–118. Data was also collected on “urgent” repair issues where applicable. Data for the park assets was collected using the ESRI Field Maps App.

Park-wide conditions such as shade, signage, lighting, and paths were also assessed on a four-point scale, generally defined as conditions that were **excellent, good, fair, and poor**, with some differences in the scale for particular topics. For more details about the type of park-wide conditions that were assessed, and the scales used for each, see pages 116–118. This data was collected using the ESRI Survey123 app.





FIGURE 59. Park Asset Condition Ratings



CONDITION RATING	MAINTENANCE PROBLEMS?	REASON FOR MAINTENANCE ISSUES?	DESIGN ISSUES? <i>e.g., drainage, structural, utilities, etc.</i>
 EXCELLENT	Few to none	–	No major design issues that contribute to diminished use or maintenance
 GOOD	Only minor	Generally, most maintenance issues appear to be the result of age and/or heavy use	May only feature minor design issues that contribute to diminished use or maintenance
 FAIR	Ongoing	Generally, most maintenance issues appear to be the result of age and heavy use. Some issues may be compounding over time due to deferred maintenance	May only feature minor design issues that contribute to diminished use or maintenance
 POOR	Clear ongoing maintenance problems that ultimately may result in suspended use for repair/replacement	Age and heavy use Generally compounding over time due to deferred maintenance	May feature major design issues that contribute to diminished use or maintenance

FIGURE 60. *Parkwide Topics Assessed*

SITE-WIDE TOPIC	QUESTION	CONDITION RATINGS
SIGNAGE	<p>1. Rate the quality of park signage.</p> <ul style="list-style-type: none"> <i>Is signage placed regularly at path intersections and entrances?</i> <i>Does existing signage clearly indicate park information, including how to get to various park destinations?</i> <i>Are signs in good condition?</i> 	<p>A. Good or excellent: Answer to all three questions above is “yes”</p> <p>B. Fair quality: Answer to one of the above questions is “no”</p> <p>C. Poor quality: Answer to 2 or 3 of the above questions is “no”</p> <p>D. No park signage</p>
SHADE	<p>2. Rate the amount of shade in the park.</p> <ul style="list-style-type: none"> <i>Do most or all site assets have access to shade nearby?</i> <i>Are shaded areas large enough to accommodate a significant number of park users?</i> 	<p>A. A lot of shade: Answer to both questions above is “yes”</p> <p>B. Some shade: Answer to one question above is “no” or “maybe”</p> <p>C. Not much shade: Answer to both questions above is “no” or “maybe”</p> <p>D. No shade</p>
LIGHTING	<p>3. Rate the prevalence of light poles and fixtures around the park.</p> <ul style="list-style-type: none"> <i>Do most or all paths have regular lamps / light poles along them?</i> <i>Do most or all major amenities have dedicated lamps / light poles?</i> 	<p>A. A lot of good lighting: Answer to both questions above is “yes”</p> <p>B. Some good lighting: Many paths or assets have lamps / light poles, but there are notable gaps</p> <p>C. Not much good lighting: There is some lighting, but most paths and assets do not have lamps / light poles</p> <p>D. No lamps or light poles</p>
BODIES OF WATER	<p>4. Rate the quality of bodies of water in the park.</p> <ul style="list-style-type: none"> <i>Is the water covered in grime/algae?</i> <i>Is the water visibly dirty or littered with debris?</i> 	<p>A. Very good quality water: Answer to both the questions above is “no”; water is appealing and attractive</p> <p>B. OK quality water: Answer to some of the questions above is “yes” for a small area of the water</p> <p>C. Poor quality water: Answer one or both questions above is “yes” for a large area of the water</p> <p>D. No bodies of water in the site</p>
<p>PARK FURNITURE, PAVED PATHS, UNPAVED PATHS, LANDSCAPED AREAS, LAWNS (NON-SPORTS), PARKING LOTS, FENCING / WALLS</p>	<p>Rate the overall condition of the following types of assets across the entire site</p>	<p>Excellent</p> <p>Good</p> <p>Fair</p> <p>Poor</p> <p>Asset Does Not Exist</p>



Facility conditions were assessed on a six-point scale including ratings for conditions that were **good, satisfactory, failing, deteriorated, dangerous for the facility, and dangerous for users.**

Facility systems that were assessed included roofing, exterior walls, interior finishes, heating system, electrical power distribution, telecommunications service, plumbing systems, air conditioning

system, fire protection systems, ADA amenities, exterior lighting, interior paved surfaces, exterior paved surfaces, and site drainage. Facility assessors were all maintenance staff within the Louisville Parks and Recreation Department with expertise in building systems. See Figure 61 below for more details on the facility condition ratings. The data was collected using a paper form.

FIGURE 61. Facility System Condition Ratings

SCORE	RATING	REPLACEMENT NEED
6 	Good	May be replaced for operational or energy efficiencies within five to 10 years
5 	Satisfactory	May be replaced for operational or energy efficiencies within three to five years
4 	Failing	Within one to three years
3 	Deteriorated	Within one year
2 	Dangerous and critical, compromises structure, system, or program	Immediate need
1 	Dangerous and critical, compromises life and safety	Immediate need

B]

Methodology for Calculating the Community Need Score

The Community Need Score was calculated in two ways:

- **Site-by-site** for the area within a 10-minute walk of each park and recreation facility. The site-by-site scores feed into the Final Capital Investment Priority Ranking and the Final Community Center Investment Priority Ranking which prioritize parks and recreation facilities for capital investment. For large parks, scores were calculated for distinctly programmed park sections, and the entire park received the score of its highest-scoring section. For details about how the 10-minute walksheds were created and scored, see page 71.
- **Citywide** by Census Block Group. The citywide score feeds into recommendations to address areas in need of new parks or improved access.

Four Community Context Scores make up the Community Need Score. To combine data points into the Community Context Scores, they first need to be standardized to a common scale. Generally, all data points are standardized to a 0 to 1 scale, so they can be combined easily.

To standardize each data point, each geography's value is divided by the maximum value among all the geographies. If the maximum value among all geographies is greater than three times the mean value, then three times the mean value is used instead, and all higher values receive a value of 1. This results in a value between 0 and 1 for all data points. The benefit of this method is that it preserves the distribution of data points while minimizing the impact of outliers.

The method of standardizing data points differed in some minor ways for particular data points:

- **Air Quality and Heat Risk:** To standardize the Air Toxics Respiratory Hazard Index dataset and the Full Range Heat Anomalies datasets, first values less than zero were revised to zero.
- **Greenness:** To standardize the NDVI dataset, first the values were reversed so that higher values represent less greenness (rather than more).

Once data points were standardized, they were combined into the Community Context Scores. For each Community Context Score, the standardized data points were summed and divided by the total number of data points (which is three for all Community Context Scores except "Population Density"). This results in a score between 0 and 1.

To produce the final Community Need Score, the Community Context Scores were added together and divided by the total number of scores (four) to produce a final score between 0 and 1, where higher scores represent greater community need.

Whenever possible, data was sourced from ESRI Demographics, as the ESRI Demographics interface can automatically estimate data points for custom geographies, which was required to score the walksheds, which do not match Census geographies. When data was not available through ESRI demographics, it was sourced for the most recent year available from publicly available data, and data points were estimated for custom geographies by Interface Studio. For details on the methodology used to estimate data points at custom geographies, see page 121.



For density-based data points (e.g., density of families who are living below the poverty line), density was calculated in the following ways. For the metro-wide Community Need Score, density-based data points were calculated using each Census Block Group's "Land Area," as

provided by the US Census American Community Survey 5-Year Estimates, 2020. For the watershed scores, density was calculated using the area of the watershed. The Population Density data point was provided directly from ESRI Demographics.

FIGURE 62. Data Points that Factor into the Community Need Score

BASE SCORE	DATA POINT	SOURCE	DESCRIPTION
Population Density	Residents Per Square Mile	ESRI Demographics, 2021	Resident per square mile
	Density of Residents Who Identify Black, Indigenous, or People of Color (BIPOC)	ESRI Demographics with data from the US Census American Community Survey 5-Year Estimates, 2019	Residents per square mile who identify as any racial or ethnic group other than non-Hispanic White, using the Census "Race & Ethnicity" combined data
Historical Inequity	Density of Families Who Are Living Below the Poverty Line	ESRI Demographics with data from the US Census American Community Survey 5-Year Estimates, 2019	Families per square mile whose income is below the poverty line
	Density of Residents Who Are Foreign Born	Interface Studio calculation using US Census American Community Survey 5-Year Estimates (Census Tract level), 2020	Residents per square mile who are foreign-born
	Air Quality	EPA "Air toxics respiratory hazard index" data from EJScreen (Block Group level), 2017	Air Toxics Respiratory Hazard Index
Environmental Justice	Heat Risk	Interface Studio calculation using Trust For Public Land (TPL) "Full Range Heat Anomalies - USA 2021" layer via ESRI Living Atlas, 2021	Average difference from citywide mean temperature (Averages calculated from satellite data on average temperature for all locations within the geography)
	Proximity to Green	Interface Studio calculation using ESRI's "USA NAIP Imagery: NDVI" layer via ESRI Living Atlas, 2020	Average Normalized Difference Vegetation Index (NDVI) values (Averages calculated from heat map data for all location within the geography)
	Crime Density	Louisville Police Department, 2021	UCR Part 1 crime reports per square mile
Health & Wellness	Poor Physical Health	Interface Studio calculations using CDC "PLACES: Local Data for Better Health" data from the Behavioral Risk Factor Surveillance System (BRFSS) (Tract level data), 2021	Percent of adults 18 and older reporting poor physical health for at least 14 days over the past month
	Poor Mental Health	Interface Studio calculations using CDC "PLACES: Local Data for Better Health" data from the Behavioral Risk Factor Surveillance System (BRFSS) (Tract level data), 2021	Percent of adults 18 and older reporting poor mental health for at least 14 days over the past month

Assigning Community Data to Custom Geographies

To calculate the Community Need Score, it was necessary to estimate some data values within Block Group and walkshed geographies. For citywide scores using Census Block Groups, some data points were not available at the Block Group level. For site-by-site scores using 10-minute walksheds, all data needed to be estimated within the custom walkshed geographies. Multiple methods were used to assign data to different geographies.

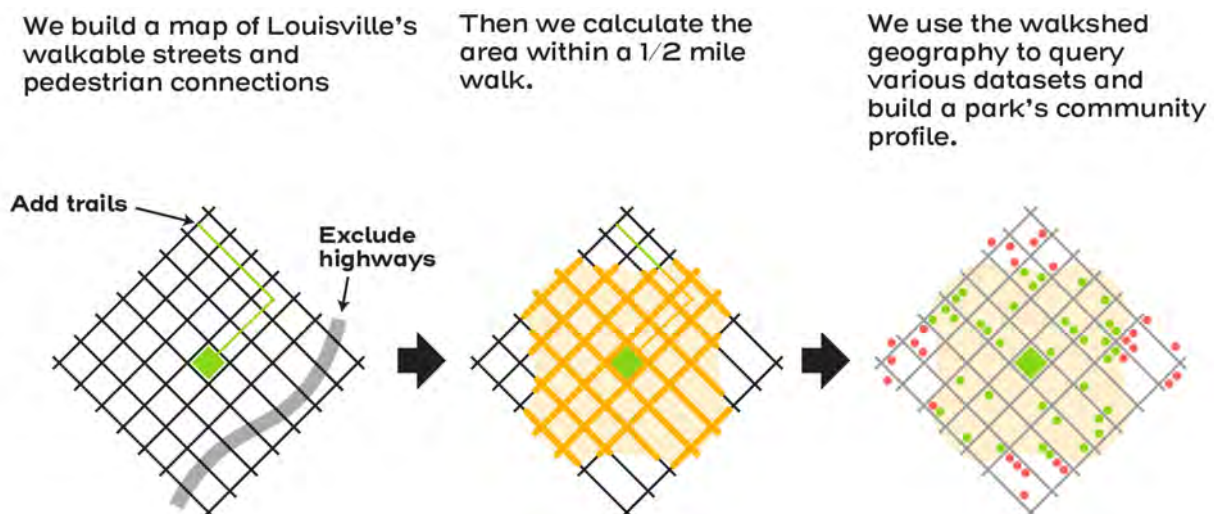
For data that was sourced from ESRI Demographics, the ESRI Demographics interface automatically estimated data points for any geography – including Block Groups and custom walksheds. When data was not available through ESRI demographics, publicly available data sources were used, and data points were estimated for custom geographies by Interface Studio.

For crime data, total counts were assigned to the Census Block Groups geographies based on the location of the crime report, which is usually listed as the nearest intersection in the Police Department database.

For Heat Risk and Proximity to Green data, the original data is stored as a heat map (raster data). To assign data to walkshed geographies, the average value was calculated for all data within the geography.

For population-based data points (including Foreign-Born Residents, Poor Physical Health, and Poor Mental Health), an estimation method was used that distributes Block Group and Tract populations across a smaller Census geography – the Block – based on the proportion of Block Group or Tract residents that lived in each block in the year of the decennial Census. Blocks are then assigned to walksheds if their center point falls within the walkshed, and estimated walkshed population numbers for each data point were calculated by summing the data of all blocks that fall within a walkshed. This method is similar to the method employed by ESRI to apportion data to custom geographies using its ESRI Demographics system, and although all final numbers are estimates, they approach a level of geographic precision that the US Census does not provide, in the most reliable way available.

FIGURE 63. *Process for Assigning Community Context Data to Walksheds*





Final Parks For All Tables

FIGURE 64. *List of Sites*

- 35TH STREET
- A.B. SAWYER
- ALGONQUIN
- AUBURNDALE
- BALLARD
- BAXTER SQUARE
- BEARGRASS CREEK GREENWAY AT IRISH HILL
- BEECHMONT TOT LOT
- BELLEVUE
- BEN WASHER
- BERRYTOWN
- BINGHAM
- BLACK MUDD
- BLUE LICK
- BOONE SQUARE
- BRADLEY
- BRESLIN
- BUECHEL
- BUTCHERTOWN GREENWAY
- CALIFORNIA
- CALIFORNIA LEISURE OPEN SPACE
- CAMP TAYLOR
- CAPERTON SWAMP
- CARRIE GAULBERT COX
- CENTRAL
- CHARLES YOUNG
- CHARLIE VETTINER
- CHEROKEE
- CHICKASAW
- CLIFF
- CLIFTON
- CLIFTON HEIGHTS GREENWAY
- CRESCENT HILL
- CROSBY
- CYRIL ALLGEIER PARK
- DAVID ARMSTRONG EXTREME PARK
- DES PRES
- DOUGLASS
- E. LELAND TAYLOR
- EASTOVER
- ELLIOT SQUARE
- EMERSON
- EVA BANDMAN
- FAIRMONT FALLS
- FARMAN
- FARNSELY
- FERN CREEK
- FISHERMAN'S
- FLAGET FIELD
- FOREST GREEN GREENWAY
- G.G. MOORE
- GEORGE ROGERS CLARK
- GERMAN-PARISTOWN
- GINNY REICHARD
- GNADINGER
- HAYS KENNEDY
- HIGHVIEW
- HOPEWELL
- HOUNZ LANE
- HUSTON QUIN
- IRISH HILL
- IROQUOIS
- IVY COURT
- JOE CREASON
- KENNEDY COURT
- KLONDIKE
- KULMER RESERVE
- LAKE DREAMLAND
- LANNAN
- LAPORTE
- LOCUST GROVE
- LONG RUN
- LOUIS B. ISRAEL
- LOUISVILLE CHAMPIONS
- LOUISVILLE CHAMPIONS SOCCER
- MAGNOLIA
- MCNEELY LAKE
- MEDORA
- MEMORIAL
- NELSON HORNBECK
- NORFOLK ACRES
- OKOLONA
- PARKHILL
- PARKLAND PLAYGROUND
- PATRIOTS PEACE MEMORIAL
- PATTERSON
- PEEWEE
- PETERSBURG
- PORTLAND
- PORTLAND WHARF
- RIVERSIDE GARDENS
- RIVERSIDE, THE FARNSLEY-MOREMAN LANDING
- RIVERVIEW
- ROBERSON RUN
- ROSE FARM
- RUBEL
- RUSSELL LEE
- SENECA
- SHAWNEE
- SHELBY
- SHEPPARD
- SLEVIN
- SOUTH CENTRAL
- ST LOUIS
- STORY AVENUE
- SUN VALLEY
- SYLVANIA
- THURMAN HUTCHINS
- TOONERVILLE TROLLEY
- TWIN PARK
- TYLER
- VICTORY
- WATSON LANE TRAILHEAD
- WATTERSON LAKE
- WAVERLY
- WAYSIDE
- WESTONIA
- WILLIAM B. STANSBURY
- WILLIAM BRITT
- WILLIAM HARRISON
- WILLOW
- WYANDOTTE

FIGURE 65. Capital Budget Allocations Summarized by Parks and Recreation Site and Funding Source, since City-County Merger

Metro Government: Capital Budget Allocations (FY04-FY23), ARPA Round 4 Allocations











Metro Council: Parks Capital Infrastructure Fund (CIF) Expenditures from OMB (Year to Date FY04-April 4, 2022), Parks Neighborhood Development Fund (NDF) Expenditures (FY04-October 2022)

Data from Nonprofit Partners: Parks Alliance of Louisville, Olmsted Parks Conservancy, other grants

SITE-SPECIFIC ALLOCATIONS SUMMARIZED BY SOURCE	
Source	Budget Allocation
35TH STREET PARK	\$ -
AB SAWYER PARK	\$ 1,796,835.06
Capital Budget	\$ 1,002,200.00
CIF	\$ 728,778.00
NDF	\$ 65,857.06
ALGONQUIN PARK	\$ 3,685,610.00
Capital Budget	\$ 1,160,000.00
ARPA Round 4	\$ 2,500,000.00
Olmsted Parks Conservancy	\$ 25,610.00
AUBURNDALE PARK	\$ 18,000.00
Capital Budget	\$ 18,000.00
BALLARD PARK	\$ -
BAXTER SQUARE	\$ -
BEECHMONT TOT LOT	\$ 66,451.30
Parks Alliance	\$ 51,451.30
Other Grant	\$ 15,000.00
BEECHMONT COMMUNITY CENTER	\$ 461,437.05
Capital Budget	\$ 405,100.00
CIF	\$ 54,237.05
NDF	\$ 2,100.00
BELLEVUE PARK	\$ -
BEN WASHER PARK	\$ 800,000.00
Other Grant	\$ 800,000.00
BERRYTOWN PARK	\$ 339,190.35
Capital Budget	\$ 115,000.00
ARPA Round 4	\$ 200,000.00
NDF	\$ 15,640.35
Parks Alliance	\$ 8,550.00
BERRYTOWN COMMUNITY CENTER	\$ 140,000.00
Capital Budget	\$ 140,000.00
BINGHAM PARK	\$ 1,265,000.00
Capital Budget	\$ 1,265,000.00
BLACK MUDD PARK	\$ -
BLUE LICK PARK	\$ 65,000.00
Capital Budget	\$ 40,000.00
NDF	\$ 25,000.00
BOBBY NICHOLS - GOLF	\$ 344,077.45
Golf	\$ 300,000.00
Capital Budget	\$ 40,000.00
CIF	\$ 4,077.45
BOONE SQUARE	\$ 612,500.00
Capital Budget	\$ 260,000.00
Olmsted Parks Conservancy	\$ 352,500.00
BRADLEY PARK	\$ 13,000.00
CDBG	\$ 13,000.00
BRESLIN PARK	\$ 706,563.33
Capital Budget	\$ 520,000.00
Parks Alliance	\$ 186,563.33
BUECHEL PARK	\$ 393,100.00
Capital Budget	\$ 202,100.00
Half Council / Half from Metro Athletic Account	\$ 110,000.00
CDBG	\$ 81,000.00
BUTCHERTOWN GREENWAY	\$ -

CALIFORNIA PARK	\$ 278,050.00
Parks Alliance	\$ 278,050.00
CALIFORNIA LEISURE OPEN SPACE	\$ 35,000.00
	\$ 35,000.00
CALIFORNIA CC	\$ 524,500.00
Capital Budget	\$ 277,500.00
CDGB	\$ 247,000.00
CAMP TAYLOR PARK	\$ 2,969,842.50
ARPA Round 4	\$ 2,500,000.00
Capital Budget	\$ 465,000.00
CIF	\$ 4,842.50
CAPERTON SWAMP	\$ 30,000.00
Capital Budget	\$ 30,000.00
CARRIE GAULBERT COX	\$ 250,450.00
Capital Budget	\$ 250,000.00
Parks Alliance	\$ 450.00
CASTLEWOOD OPEN SPACE	\$ -
	\$ -
CENTRAL PARK	\$ 2,008,855.00
Capital Budget	\$ 1,442,301.00
Outdoor Athletic Facility Account, Central Park Improvement Account, Central Park Tennis Court Accounts	\$ 480,000.00
CIF	\$ 36,000.00
Olmsted Parks Conservancy	\$ 43,554.00
NDF	\$ 7,000.00
CHARLES YOUNG PARK	\$ 40,000.00
Other Grant	\$ 30,000.00
CDBG	\$ 10,000.00
CHARLIE VETTINER PARK	\$ 3,566,586.06
Capital Budget	\$ 2,609,428.00
CIF	\$ 957,158.06
CHARLIE VETTINER GOLF	\$ 1,022,000.00
Capital Budget	\$ 1,000,000.00
CIF	\$ 22,000.00
CHEROKEE PARK	\$ 8,510,960.33
Olmsted Parks Conservancy	\$ 7,332,627.00
Capital Budget	\$ 1,173,333.33
Parks Alliance	\$ 5,000.00
CHEROKEE PARK - GOLF	\$ 19,900.00
Capital Budget	\$ 19,900.00
CHICKASAW PARK	\$ 4,532,376.00
ARPA Round 4	\$ 2,500,000.00
Olmsted Parks Conservancy	\$ 1,109,376.00
Capital Budget	\$ 923,000.00
CHURCHILL	\$ -
	\$ -
CLIFF PARK	\$ -
	\$ -
CLIFTON PARK	\$ 48,000.00
Capital Budget	\$ 48,000.00
CLIFTON HEIGHTS GREENWAY	\$ -
	\$ -
CRESCENT HILL	\$ -
	\$ -

SITE COLOR CODING

 Metro Park	 Aquatic Center
 Olmsted Park	 Greenway or Parkway
 Community Center	 Natural Area
 Non-Metro Park Community Center	 Historic Home
 Golf (Course or Club House)	 Amphitheatre











CRESCENT HILL - GOLF	\$	174,000.00
Golf	\$	162,500.00
Capital Budget	\$	11,500.00
CROSBY PARK	\$	239,420.00
CIF	\$	120,000.00
NDF	\$	54,920.00
Capital Budget	\$	64,500.00
CYRIL ALLGEIER PARK	\$	-
	\$	-
CYRIL ALLGEIER COMMUNITY CENTER	\$	164,000.00
Capital Budget	\$	164,000.00
DAVID ARMSTRONG EXTREME PARK	\$	3,600,000.00
KDOT Grant	\$	3,600,000.00
DES PRES PARK	\$	310,000.00
Capital Budget	\$	265,000.00
CIF	\$	45,000.00
DOUGLASS PARK	\$	24,800.00
Capital Budget	\$	24,800.00
DOUGLASS COMMUNITY CENTER	\$	683,300.00
Capital Budget	\$	643,300.00
Parks Alliance	\$	40,000.00
E. LELAND TAYLOR PARK	\$	80,000.00
Capital Budget	\$	75,000.00
Kluber family donation	\$	5,000.00
EASTOVER PARK	\$	-
	\$	-
ELLIOTT SQUARE	\$	1,987,500.00
Capital Budget	\$	1,430,000.00
ARPA Round 4	\$	500,000.00
Olmsted Parks Conservancy	\$	50,000.00
CIF	\$	7,500.00
EMERSON PARK	\$	160,000.00
Capital Budget	\$	160,000.00
EVA BANDMAN	\$	15,000.00
Capital Budget	\$	15,000.00
FAIRDALE MINI (aka FAIRDALE VILLAGE GREEN?)	\$	-
	\$	-
FAIRMONT FALLS	\$	25,000.00
Capital Budget	\$	25,000.00
FARMAN PARK	\$	-
	\$	-
FARNSLEY PARK	\$	470,260.03
Capital Budget	\$	258,260.00
CIF	\$	112,000.00
NDF	\$	100,000.03
RIVERSIDE, THE FARNSLEY MOREMEN LANDING	\$	2,447,125.00
Capital Budget	\$	2,406,000.00
NDF	\$	31,325.00
CIF	\$	9,800.00
FERN CREEK PARK	\$	983,465.60
Capital Budget	\$	760,035.53
CIF	\$	169,930.07
NDF	\$	53,500.00
FISHERMAN'S PARK	\$	-
	\$	-

FLAGET FIELD	\$	15,000.00
Capital Budget	\$	15,000.00
FLAGET COMMUNITY CENTER (aka WILDERNESS ROAD COMMUNITY CENTER)	\$	60,060.00
Capital Budget	\$	60,060.00
G.G. MOORE	\$	52,000.00
Capital Budget	\$	52,000.00
GEORGE ROGERS CLARK PARK	\$	225,500.00
Capital Budget	\$	190,500.00
Donation	\$	35,000.00
GERMAN-PARISTOWN	\$	65,000.00
CDBG	\$	55,000.00
Capital Budget	\$	10,000.00
GINNY REICHARD	\$	87,000.00
Capital Budget	\$	62,000.00
Other Grant	\$	25,000.00
GNADINGER	\$	-
	\$	-
HAYS KENNEDY PARK	\$	328,000.00
Capital Budget	\$	328,000.00
HIGHVIEW PARK	\$	1,005,625.36
CIF	\$	550,025.36
Capital Budget	\$	409,600.00
NDF	\$	46,000.00
HOPEWELL PARK	\$	-
	\$	-
HOUNZ LANE PARK	\$	500,000.00
Capital Budget	\$	435,000.00
CIF	\$	65,000.00
HUSTON QUIN PARK	\$	510,000.00
Capital Budget (CDBG)	\$	510,000.00
(NELSON) HORNBECK PARK	\$	711,591.44
Capital Budget	\$	630,000.00
CIF	\$	81,304.75
Parks Alliance	\$	286.69
IRISH HILL PARK	\$	-
	\$	-
IROQUOIS PARK	\$	5,092,434.33
Capital Budget	\$	2,164,333.33
Olmsted Parks Conservancy	\$	1,310,973.00
Capital Budget (CDBG)	\$	1,020,000.00
ARPA Round 4	\$	500,000.00
KYTC	\$	80,000.00
CIF	\$	17,128.00
IROQUOIS PARK GOLF	\$	61,600.00
Capital Budget	\$	61,600.00
IROQUOIS PARK - AMPHITHEATRE	\$	2,580,528.42
Capital Budget	\$	1,326,500.00
Olmsted Parks Conservancy	\$	949,316.00
NDF	\$	254,886.39
Parks Alliance	\$	49,826.03
IVY COURT	\$	-
	\$	-
JOE CREASON	\$	1,534,219.00
Capital Budget	\$	826,500.00
State	\$	400,000.00
CIF	\$	307,719.00

(CONTINUED) FIGURE 65. Capital Budget Allocations Summarized by Site

KENNEDY COURT	\$ -		OKOLONA PARK	\$ 235,000.00
Capital Budget	\$ -		Capital Budget	\$ 135,000.00
Other Grant	\$ -		CDBG	\$ 100,000.00
KLONDIKE PARK	\$ 60,000.00		PARKHILL	\$ 85,000.00
Capital Budget	\$ 30,000.00		Capital Budget	\$ 85,000.00
Other Grant	\$ 30,000.00		PARKHILL COMMUNITY CENTER	\$ 17,800.00
KULMER RESERVE	\$ -		Capital Budget	\$ 17,800.00
Capital Budget	\$ -		PARKLAND PLAYGROUND	\$ -
Other Grant	\$ -		Capital Budget	\$ -
LAKE DREAMLAND PARK	\$ 75,000.00		PATRIOTS PEACE MEMORIAL	\$ 14,050.00
NDF	\$ 75,000.00		CIF	\$ 14,050.00
LANNAN PARK	\$ 450,000.00		PATTERSON	\$ -
MSD	\$ 350,000.00		Capital Budget	\$ -
Parks Alliance	\$ 100,000.00		PEEWEE PARK	\$ 156,000.00
LAPORTE PARK	\$ 278,000.00		Capital Budget	\$ 156,000.00
CDBG	\$ 275,000.00		PETERSBURG PARK	\$ 1,470,659.54
Other Grant	\$ 3,000.00		Capital Budget	\$ 800,000.00
LOCUST GROVE	\$ 3,557,220.36		CDBG	\$ 250,000.00
Capital Budget	\$ 3,367,700.00		CIF	\$ 411,517.54
CIF	\$ 189,520.36		Parks Alliance	\$ 9,142.00
LONG RUN PARK	\$ 733,000.00		PORTLAND	\$ 392,000.00
Capital Budget	\$ 655,000.00		Other Grants	\$ 227,000.00
CIF	\$ 78,000.00		Capital Budget	\$ 165,000.00
LONG RUN - GOLF	\$ 1,379,455.42		PORTLAND WHARF	\$ 1,213,100.00
Capital Budget	\$ 1,037,500.00		Capital Budget	\$ 895,100.00
Golf	\$ 275,000.00		CDGB	\$ 168,000.00
CIF	\$ 66,955.42		Other Grants	\$ 150,000.00
LOUIS B. ISRAEL PARK	\$ -		PORTLAND COMMUNITY CENTER	\$ 603,000.00
Capital Budget	\$ -		Capital Budget	\$ 192,000.00
LOUISVILLE CHAMPIONS	\$ 660,000.00		CDBG	\$ 321,000.00
Capital Budget	\$ 660,000.00		Other Grants	\$ 90,000.00
LOUISVILLE CHAMPIONS SOCCER	\$ 50,000.00		QUAIL CHASE GOLF COURSE	\$ 836,000.00
Capital Budget	\$ 50,000.00		Capital Budget	\$ 516,000.00
MARY T. MEAGHER - AQUATIC CENTER	\$ 2,565,000.00		Golf	\$ 320,000.00
Capital Budget	\$ 2,565,000.00		RIVERSIDE GARDENS PARK	\$ 425,000.00
MAGNOLIA	\$ -		CDBG	\$ 270,000.00
Capital Budget	\$ -		Capital Budget	\$ 155,000.00
MAPLE STREET PARK	\$ 3,830,000.00		RIVERVIEW PARK	\$ 2,730,000.00
Parks Alliance	\$ 3,000,000.00		Capital Budget	\$ 2,715,000.00
CDBG	\$ 500,000.00		NDF	\$ 15,000.00
Capital Budget	\$ 330,000.00		ROBERSON RUN	\$ -
MCNEELY LAKE PARK	\$ 461,000.00		Capital Budget	\$ -
Capital Budget	\$ 361,000.00		ROSE FARM PARK	\$ 50,000.00
KY Fish & Wildlife	\$ 100,000.00		Capital Budget	\$ 50,000.00
MEDORA	\$ -		RUBEL	\$ 70,000.00
Capital Budget	\$ -		Capital Budget	\$ 70,000.00
MEMORIAL	\$ -		RUSSELL LEE PARK	\$ 573,013.00
Capital Budget	\$ -		Capital Budget	\$ 437,000.00
METRO ARTS CENTER	\$ 153,873.00		Parks Alliance	\$ 106,013.00
CIF	\$ 91,873.00		Other Grant	\$ 30,000.00
Capital Budget	\$ 62,000.00		SOUTHWICK COMMUNITY CENTER (RUSSELL LEE PARK)	\$ 342,500.00
NEWBURG COMMUNITY CENTER	\$ 728,000.00		Capital Budget	\$ 342,500.00
Capital Budget	\$ 576,000.00		SENECA PARK	\$ 735,018.33
CDBG	\$ 152,000.00		Capital Budget	\$ 561,333.33
NORFOLK ACRES PARK	\$ -		Olmsted Parks Conservancy	\$ 158,685.00
Capital Budget	\$ -		CIF	\$ 15,000.00

SITE COLOR CODING

 Metro Park	 Aquatic Center
 Olmsted Park	 Greenway or Parkway
 Community Center	 Natural Area
 Non-Metro Park Community Center	 Historic Home
 Golf (Course or Club House)	 Amphitheatre

SENECA PARK - GOLF COURSE	\$ 96,000.00
Capital Budget	\$ 96,000.00
SHAWNEE	\$ 5,752,364.00
Capital Budget	\$ 3,605,000.00
Olmsted Parks Conservancy	\$ 1,622,364.00
CDBG	\$ 225,000.00
MSD (Retention Basin)	\$ 150,000.00
KY Fish & Wildlife	\$ 150,000.00
SHAWNEE - GOLF COURSE	\$ 304,000.00
Capital Budget	\$ 304,000.00
SHAWNEE COMMUNITY CENTER	\$ 186,000.00
Capital Budget	\$ 186,000.00
SHELBY PARK	\$ 1,211,111.00
Capital Budget	\$ 877,000.00
Olmsted Parks Conservancy	\$ 334,111.00
SHELBY COMMUNITY CENTER (PCC)	\$ 62,000.00
Capital Budget	\$ 62,000.00
SHEPPARD PARK	\$ 744,000.00
Capital Budget	\$ 744,000.00
SLEVIN PARK	\$ -
Capital Budget	\$ -
SOUTH CENTRAL PARK	\$ 382,000.00
Capital Budget	\$ 382,000.00
SOUTH LOUISVILLE COMMUNITY CENTER	\$ 350,000.00
Capital Budget	\$ 350,000.00
ST. LOUIS	\$ -
Capital Budget	\$ -
STORY AVENUE PARK	\$ 65,812.00
Parks Alliance	\$ 30,812.00
Other Grants	\$ 35,000.00
SUN VALLEY COMMUNITY CENTER	\$ 985,446.31
Capital Budget	\$ 980,000.00
NDF	\$ 5,446.31
SUN VALLEY PARK	\$ 846,188.79
Capital Budget	\$ 820,300.00
NDF	\$ 23,380.89
CIF	\$ 2,507.90
SUN VALLEY - GOLF	\$ 250,000.00
Capital Budget	\$ 250,000.00
SYLVANIA PARK	\$ -
Capital Budget	\$ -
SYLVANIA COMMUNITY CENTER	\$ 143,000.00
Capital Budget	\$ 143,000.00
THURMAN-HUTCHINS PARK	\$ 1,027,000.00
Capital Budget	\$ 1,027,000.00
TOONERVILLE TROLLEY PARK	\$ 86,000.00
Capital Budget	\$ 86,000.00
TYLER PARK	\$ 1,534,721.40
Olmsted Parks Conservancy	\$ 1,059,000.00
Capital Budget	\$ 419,000.00
CIF	\$ 56,721.40
VICTORY PARK	\$ 1,101,100.00
Capital Budget	\$ 225,000.00
Olmsted Parks Conservancy	\$ 876,100.00

WARHEIM PARK	\$ 2,802.67
CIF	\$ 2,802.67
WATTERSON LAKE PARK	\$ 27,000.00
Capital Budget	\$ 17,000.00
CIF	\$ 10,000.00
WAVERLY PARK	\$ 850,217.48
Capital Budget	\$ 382,000.00
CIF	\$ 468,217.48
WAYSIDE PARK	\$ -
Capital Budget	\$ -
WESTONIA PARK	\$ 53,000.00
Capital Budget	\$ 53,000.00
WILDERNESS COMMUNITY CENTER	\$ 39,500.00
Capital Budget	\$ 39,500.00
WILLIAM B. STANSBURY PARK	\$ 100,000.00
Capital Budget	\$ 100,000.00
WILLIAM BRITT	\$ -
Capital Budget	\$ -
WILLIAM HARRISON PARK	\$ 552,838.27
Capital Budget	\$ 257,500.00
Parks Alliance	\$ 212,399.22
CIF	\$ 82,939.05
WILLOW PARK	\$ 434,393.00
Capital Budget	\$ 215,000.00
Olmsted Parks Conservancy	\$ 156,393.00
CIF	\$ 63,000.00
(NEW) WALNUT STREET PARK	\$ -
Capital Budget	\$ -
WYANDOTTE PARK	\$ 1,059,235.58
Capital Budget	\$ 786,500.00
Parks Alliance	\$ 247,735.58
CIF	\$ 25,000.00
ALGONQUIN PARKWAY	\$ 6,365,000.00
Capital Budget (incl. Federal Grants)	\$ 6,365,000.00
AB SAWYER GREENWAY (aka FOREST GREEN GREENWAY)	\$ 3,716,000.00
Capital Budget	\$ 3,716,000.00
BEARGRASS CREEK GREENWAY AT IRISH HILL	\$ -
Capital Budget	\$ -
BEARGRASS CREEK STATE NATURE PRESERVE	\$ -
Capital Budget	\$ -
BLACKACRE STATE NATURE PRESERVE	\$ -
Capital Budget	\$ -
BROAD RUN PARK	\$ -
Capital Budget	\$ -
LOUISVILLE NATURE CENTER	\$ -
Capital Budget	\$ -
TWIN PARKS	\$ -
Capital Budget	\$ -
WATSON LANE TRAILHEAD	\$ -
Capital Budget	\$ -

FIGURE 66. Capital Investment Priority Scoring for Parks

Parks For All ID (Site)	Name	Park Type	Olmsted Site?	Operations District	Address	Acres	Rec Facility On Site?	Rec Facility Type	Rec Facility Name
L101	BAXTER SQUARE	NEIGHBORHOOD PARK	Yes	Northwest	301 SOUTH 12TH ST	4.0	1	Community Center	Baxter Community Center
L38	NORFOLK ACRES	NEIGHBORHOOD PARK	No	Southeast	4300 CORAM WAY	3.5	0		
L1	35TH STREET	NEIGHBORHOOD PARK	No	Northwest	814 SOUTH 35TH ST	0.4	0		
L89	ST LOUIS	NEIGHBORHOOD PARK	No	Northwest	2023 ST LOUIS AVE	0.5	0		
L55	PARKHILL	NEIGHBORHOOD PARK	No	Southwest	1703 SOUTH 13TH ST	6.5	1	Community Center	Parkhill Community Center
L53	MEMORIAL	NEIGHBORHOOD PARK	No	Northwest	971 SOUTH FOURTH ST	0.9	0		
L104	BALLARD	NEIGHBORHOOD PARK	No	Northeast	525 CALDWELL ST	1.0	0		
L39	CALIFORNIA	NEIGHBORHOOD PARK	No	Northwest	1104 SOUTH 16TH ST	7.5	1	Community Center	California Community Center
L47	SLEVIN	NEIGHBORHOOD PARK	No	Northwest	341 NORTH 25TH ST	0.3	0		
L51	MAGNOLIA	NEIGHBORHOOD PARK	No	Northwest	1407 SOUTH SECOND ST	0.3	0		
L71	WAYSIDE	NEIGHBORHOOD PARK	Yes	Southwest	3190 SOUTH THIRD ST	0.5	0		
L54	G.G. MOORE	NEIGHBORHOOD PARK	No	Southwest	626 M ST	1.0	0		
L28	LOUIS B. ISRAEL	NEIGHBORHOOD PARK	No	Southwest	4708 SOUTH FIRST ST	0.5	0		
L123	WILLIAM B. STANSBURY	NEIGHBORHOOD PARK	Yes	Southwest	2302 SOUTH THIRD ST	6.7	0		
L91	IVY COURT	NEIGHBORHOOD PARK	No	Northwest	3245 LARKWOOD AVE	0.2	0		
L12	CENTRAL	NEIGHBORHOOD PARK	Yes	Not listed	1340 SOUTH FOURTH ST	16.7	0		
L120	WYANDOTTE	COMMUNITY PARK	No	Southwest	1104 BEECHER ST	23.8	0		
L103	AUBURNDALE	NEIGHBORHOOD PARK	No	Southwest	7260 SOUTHSIDE DR	3.8	0		
L106	BLACK MUDD	NEIGHBORHOOD PARK	No	Southeast	1708 RANGELAND RD	18.1	0		
L70	WATTERSON LAKE	NEIGHBORHOOD PARK	No	Southwest	1714 SOUTH WHEATMORE DR	10.7	0		
L45	BOONE SQUARE	NEIGHBORHOOD PARK	Yes	Northwest	1935 ROWAN ST	4.0	0		
L118	SOUTH CENTRAL	NEIGHBORHOOD PARK	No	Not listed	2400 COLORADO AVE	10.9	0		



SITE CONDITION SCORE			COMMUNITY NEED SCORE					FINAL CAPITAL INVESTMENT PRIORITY SCORE	
Final Site Condition Score	Past Investment Score	Site Need Score (Combined Site Condition Score and Past Investment Score)	Historic Inequities Score	Envirom. Justice Score	Health & Wellness Score	Population Density Score	Community Need Score for the Highest Need Walkshed Section (Combined Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)	Final Capital Invest. Priority Score	Final Capital Invest. Priority Decile 2022-10-13
0.643	1.000	0.813	0.463	0.857	0.838	0.782	1.000	0.906	1
0.827	1.000	0.944	0.549	0.497	0.437	0.412	0.863	0.904	1
0.906	1.000	1.000	0.964	0.682	0.693	0.722	0.787	0.894	1
0.750	1.000	0.889	0.143	0.521	0.658	0.241	0.859	0.874	1
0.818	0.963	0.924	0.420	0.443	0.520	0.346	0.817	0.871	1
0.594	1.000	0.778	0.345	0.487	0.678	0.236	0.928	0.853	1
0.625	1.000	0.800	0.834	0.376	0.673	1.000	0.901	0.851	1
0.684	0.954	0.826	0.244	0.514	0.776	0.357	0.872	0.849	1
0.750	1.000	0.889	0.732	0.221	0.410	0.424	0.772	0.830	1
0.550	1.000	0.747	0.349	0.379	0.480	0.549	0.886	0.816	1
0.708	1.000	0.859	0.293	0.275	0.492	0.598	0.759	0.809	1
0.615	0.974	0.784	0.549	0.180	0.671	0.332	0.833	0.808	1
0.714	1.000	0.863	0.647	0.298	0.566	0.460	0.753	0.808	1
0.809	0.984	0.925	0.712	0.403	0.835	0.640	0.687	0.806	2
0.750	1.000	0.889	0.142	0.533	0.485	0.385	0.718	0.804	2
0.544	0.899	0.707	0.807	0.785	0.512	0.546	0.880	0.793	2
0.602	0.917	0.754	0.675	0.518	0.816	0.634	0.823	0.789	2
0.672	0.991	0.830	0.787	0.660	0.603	0.835	0.747	0.789	2
0.656	1.000	0.822	0.721	0.578	0.785	0.781	0.745	0.784	2
0.500	0.986	0.706	0.214	0.310	0.580	0.562	0.857	0.781	2
0.673	0.885	0.793	0.579	0.440	0.486	0.291	0.760	0.776	2
0.650	0.892	0.779	0.775	0.496	0.779	0.629	0.771	0.775	2

(CONTINUED) FIGURE 66. Capital Investment Priority Scoring for Parks

Parks For All ID (Site)	Name	Park Type	Olmsted Site?	Operations District	Address	Acres	Rec Facility On Site?	Rec Facility Type	Rec Facility Name
L58	HUSTON QUIN	NEIGHBORHOOD PARK	No	Southwest	4105 SOUTH FIRST ST	2.0	0		
L5	BEN WASHER	NEIGHBORHOOD PARK	No	Northwest	519 WEST KENTUCKY ST	2.1	0		
L27	IRISH HILL	NEIGHBORHOOD PARK	No	Northeast	1131 LEXINGTON RD	0.8	0		
L65	SHELBY	NEIGHBORHOOD PARK	Yes	Northeast	600 EAST OAK ST	16.3	1	Community Center	Shelby Park Community Center
L128	CALIFORNIA LEISURE OPEN SPACE	NEIGHBORHOOD PARK	No	Northwest	963 DIXIE HWY	0.4	0		
L42	ELLIOT SQUARE	NEIGHBORHOOD PARK	Yes	Northwest	630 SOUTH 28TH ST	3.7	0		
L129	PARKLAND PLAYGROUND	NEIGHBORHOOD PARK	No	Not listed	3200 GREENWOOD AVE	0.2	0		
L76	E. LELAND TAYLOR	NEIGHBORHOOD PARK	No	Northwest	317 NORTH 38TH ST	8.8	0		
L119	TOONERVILLE TROLLEY	NEIGHBORHOOD PARK	No	Southwest	218 EAST OAK ST	2.1	0		
L78	WILLIAM BRITT	NEIGHBORHOOD PARK	No	Northwest	2801 MAGAZINE ST	0.7	0		
L3	ALGONQUIN	NEIGHBORHOOD PARK	Yes	Northwest	1614 CYPRESS ST	16.4	0		
L14	CLIFF	NEIGHBORHOOD PARK	No	Southwest	4666 CLIFF AVE	0.9	0		
L31	KLONDIKE	NEIGHBORHOOD PARK	No	Southeast	3809 KLONDIKE LN	7.1	0		
L4	BELLEVUE	NEIGHBORHOOD PARK	No	Southwest	4711 BELLEVUE AVE	1.5	0		
L83	SHEPPARD	NEIGHBORHOOD PARK	No	Northwest	1601 MAGAZINE ST	1.9	0		
L48	RUSSELL LEE	NEIGHBORHOOD PARK	No	Northwest	3701 SOUTHERN AVE	17.6	1	Community Center	Southwick Community Center
L81	WESTONIA	NEIGHBORHOOD PARK	No	Northwest	2900 ROWAN ST	1.9	0		
L88	VICTORY	NEIGHBORHOOD PARK	Yes	Northwest	1051 SOUTH 23RD ST	4.1	0		
L80	PORTLAND	COMMUNITY PARK	No	Northwest	640 NORTH 27TH ST	4.1	1	Community Center	Portland Community Center
L63	RUBEL	NEIGHBORHOOD PARK	No	Northeast	667 BARRETT AVE	1.5	0		
L84	OKOLONA	NEIGHBORHOOD PARK	No	Southeast	1114 CLAY AVE	15.2	0		
L41	LAPORTE	NEIGHBORHOOD PARK	No	Northwest	2529 BANK ST	2.3	0		
L64	SHAWNEE	MAJOR URBAN PARK	Yes	Northwest	4501 WEST BROADWAY	284.8	0		



SITE CONDITION SCORE			COMMUNITY NEED SCORE					FINAL CAPITAL INVESTMENT PRIORITY SCORE	
Final Site Condition Score	Past Investment Score	Site Need Score (Combined Site Condition Score and Past Investment Score)	Historic Inequities Score	Envirom. Justice Score	Health & Wellness Score	Population Density Score	Community Need Score for the Highest Need Walkshed Section (Combined Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)	Final Capital Invest. Priority Score	Final Capital Invest. Priority Decile 2022-10-13
0.625	0.799	0.728	0.445	0.428	0.369	0.479	0.777	0.753	2
0.750	0.311	0.644	0.350	0.672	0.498	0.248	0.858	0.751	2
0.708	1.000	0.859	0.507	0.447	0.526	0.495	0.633	0.746	2
0.556	0.907	0.717	0.366	0.525	0.504	0.280	0.771	0.744	3
0.500	0.663	0.591	0.560	0.526	0.779	0.712	0.890	0.741	3
0.771	0.560	0.747	0.541	0.505	0.419	0.384	0.731	0.739	3
0.583	1.000	0.770	0.584	0.516	0.809	0.652	0.703	0.737	3
0.635	0.979	0.799	0.471	0.412	0.348	0.388	0.666	0.732	3
0.313	0.954	0.562	0.725	0.562	0.642	0.750	0.896	0.729	3
0.500	1.000	0.711	0.283	0.551	0.441	0.341	0.738	0.725	3
0.552	0.848	0.694	0.566	0.406	0.368	0.606	0.729	0.712	3
0.611	1.000	0.790	0.980	0.470	0.484	0.569	0.612	0.701	3
0.529	0.981	0.725	0.394	0.630	0.518	0.398	0.675	0.700	3
0.688	1.000	0.844	0.268	0.506	0.748	0.352	0.553	0.699	3
0.462	0.738	0.590	0.298	0.447	0.537	0.310	0.794	0.692	3
0.513	0.846	0.666	0.408	0.344	0.615	0.410	0.713	0.689	4
0.455	0.967	0.667	0.365	0.484	0.492	0.265	0.708	0.688	4
0.292	0.819	0.499	0.169	0.279	0.381	0.735	0.862	0.680	4
0.712	0.804	0.792	0.418	0.236	0.453	0.500	0.568	0.680	4
0.659	0.954	0.808	0.387	0.500	0.375	0.439	0.550	0.679	4
0.578	0.953	0.750	0.485	0.352	0.499	0.251	0.606	0.678	4
0.479	0.877	0.652	0.278	0.552	0.510	0.512	0.702	0.677	4
0.529	0.817	0.667	0.312	0.621	0.522	0.234	0.681	0.674	4

(CONTINUED) FIGURE 66. Capital Investment Priority Scoring for Parks

Parks For All ID (Site)	Name	Park Type	Olmsted Site?	Operations District	Address	Acres	Rec Facility On Site?	Rec Facility Type	Rec Facility Name
L36	ROBERSON RUN	COMMUNITY PARK	No	Southeast	8205 JUDGE BLVD	13.8	0		
L56	PATTERSON	NEIGHBORHOOD PARK	No	Not listed	1418 MORTON AVE	0.1	0		
L23	WILLIAM HARRISON	NEIGHBORHOOD PARK	No	Southwest	3232 OLEANDA AVE	2.2	0		
L126	BEECHMONT TOT LOT	NEIGHBORHOOD PARK	No	Northeast	205 WEST WELLINGTON AVE	1.4	1	Community Center	Beechmont Community Center
L22	GNADINGER	NEIGHBORHOOD PARK	No	Northeast	103 ELLISON AVE	0.0	0		
L20	FLAGET FIELD	NEIGHBORHOOD PARK	No	Northwest	4425 GREENWOOD AVE	6.7	1	Community Center	Flaget Community Center
L67	SYLVANIA	NEIGHBORHOOD PARK	No	Southwest	6650 SYLVANIA RD	10.7	0		
L117	PETERSBURG	COMMUNITY PARK	No	Southeast	5008 EAST INDIAN TR	35.5	0		
L35	CHARLES YOUNG	NEIGHBORHOOD PARK	No	Northwest	2721 LYTLE ST	0.5	0		
L21	GERMAN-PARISTOWN	NEIGHBORHOOD PARK	No	Northeast	1134 EAST KENTUCKY ST	0.4	0		
L50	DAVID ARMSTRONG EXTREME PARK	NEIGHBORHOOD PARK	No	Northeast	148 NORTH CLAY ST	2.3	0		
L43	EMERSON	NEIGHBORHOOD PARK	No	Northeast	1100 SYLVIA ST	1.9	0		
L97	IROQUOIS	MAJOR URBAN PARK	Yes	Southwest	2120 RUNDILL RD	591.0	0		
L116	LANNAN	COMMUNITY PARK	No	Northwest	901 NORTH 26TH ST	24.7	0		
L82	HIGHVIEW	COMMUNITY PARK	No	Southeast	7201 OUTER LOOP	40.2	0		
L7	BRADLEY	NEIGHBORHOOD PARK	No	Northeast	2516 BRADLEY AVE	0.8	0		
L86	FARNSLEY	NEIGHBORHOOD PARK	No	Northeast	3100 WEDGEWOOD WAY	4.9	0		
L8	BUECHEL	NEIGHBORHOOD PARK	No	Not listed	247 ALPHA AVE	16.1	0		
L13	CHICKASAW	COMMUNITY PARK	Yes	Northwest	1200 SOUTHWESTER N PKWY	61.2	0		
L24	HOPEWELL	NEIGHBORHOOD PARK	No	Not listed	509 NORTH BIRCHWOOD AVE	0.3	0		
L6	BINGHAM	NEIGHBORHOOD PARK	Yes	Northeast	160 CORAL AVE	4.4	0		
L121	EVA BANDMAN	COMMUNITY PARK	No	Northwest	1701 RIVER RD	47.6	0		
L266	BUTCHERTOWN GREENWAY	GREENWAY	No	Not listed		2.3	0		



SITE CONDITION SCORE			COMMUNITY NEED SCORE					FINAL CAPITAL INVESTMENT PRIORITY SCORE	
Final Site Condition Score	Past Investment Score	Site Need Score (Combined Site Condition Score and Past Investment Score)	Historic Inequities Score	Envirom. Justice Score	Health & Wellness Score	Population Density Score	Community Need Score for the Highest Need Walkshed Section (Combined Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)	Final Capital Invest. Priority Score	Final Capital Invest. Priority Decile 2022-10-13
0.792	1.000	0.919	0.500	0.685	0.492	0.221	0.425	0.672	4
0.594	1.000	0.778	0.470	0.191	0.664	0.401	0.563	0.671	4
0.450	0.764	0.592	0.690	0.180	0.430	0.847	0.741	0.666	4
0.500	0.913	0.680	0.795	0.482	0.636	0.676	0.652	0.666	4
0.458	1.000	0.681	0.503	0.301	0.705	0.650	0.620	0.651	5
0.438	0.992	0.664	0.454	0.364	0.797	0.675	0.621	0.642	5
0.875	1.000	0.978	0.228	0.272	0.777	0.397	0.306	0.642	5
0.500	0.887	0.671	0.772	0.829	0.729	0.359	0.610	0.641	5
0.393	0.929	0.610	0.217	0.364	0.648	0.676	0.667	0.638	5
0.556	0.848	0.697	0.429	0.474	0.773	0.536	0.563	0.630	5
0.607	0.632	0.657	0.401	0.530	0.628	0.201	0.600	0.628	5
0.450	0.914	0.645	0.390	0.440	0.700	0.302	0.598	0.621	5
0.602	0.884	0.742	0.393	0.300	0.490	0.320	0.496	0.619	5
0.579	0.944	0.747	0.715	0.458	0.857	0.660	0.489	0.618	5
0.560	0.901	0.719	0.381	0.264	0.600	0.359	0.475	0.597	5
0.500	0.979	0.704	0.371	0.446	0.460	0.390	0.489	0.596	5
0.625	0.874	0.755	0.203	0.575	0.506	0.291	0.429	0.592	6
0.542	0.943	0.721	0.347	0.379	0.309	0.575	0.463	0.592	6
0.545	0.761	0.658	0.559	0.321	0.673	1.000	0.525	0.592	6
0.400	1.000	0.640	0.418	0.225	0.784	0.589	0.538	0.589	6
0.692	0.615	0.711	0.622	0.306	0.307	0.480	0.440	0.575	6
0.778	0.991	0.906	0.721	0.685	0.775	0.461	0.233	0.569	6
0.607	1.000	0.787	0.454	0.326	0.757	0.440	0.345	0.566	6

(CONTINUED) FIGURE 66. Capital Investment Priority Scoring for Parks

Parks For All ID (Site)	Name	Park Type	Olmsted Site?	Operations District	Address	Acres	Rec Facility On Site?	Rec Facility Type	Rec Facility Name
L59	GINNY REICHARD	NEIGHBORHOOD PARK	No	Northeast	1001FRANKLIN ST	0.2	0		
L73	GEORGE ROGERS CLARK	COMMUNITY PARK	No	Northeast	1024 THRUSTON AVE	46.5	0		
L44	MCNEELY LAKE	MAJOR URBAN PARK	No	Southeast	10500 CEDAR CREEK RD	438.4	0		
L2	CRESCENT HILL	COMMUNITY PARK	No	Northeast	3110 BROWNSBORO RD	7.6	1	Acquatic Center	Mary T Meagher Aquatic Center
L130	ROSE FARM	NEIGHBORHOOD PARK	No	Southwest	4500 ROSE FARM DR	1.2	0		
L72	WILLOW	NEIGHBORHOOD PARK	Yes	Not listed	1402 WILLOW AVE	1.4	0		
L74	CHEROKEE	MAJOR URBAN PARK	Yes	Northeast	745 COCHRAN HILL RD	337.1	0		
L57	PEEWEE	NEIGHBORHOOD PARK	No	Southeast	2913 KLONDIKE LN	2.5	0		
L15	CLIFTON	NEIGHBORHOOD PARK	No	Northeast	133 NORTH CHARLTON ST	1.2	0		
L25	NELSON HORNBECK	NEIGHBORHOOD PARK	No	Southwest	709 FAIRDALE RD	18.6	0		
L112	FARMAN	NEIGHBORHOOD PARK	No	Southeast	100 FARMAN CT	4.1	0		
L113	FERN CREEK	COMMUNITY PARK	No	Southeast	8703 FERNDALE RD	30.4	0		
L9	CAMP TAYLOR	NEIGHBORHOOD PARK	No	Southwest	4201 LEE AVE	11.1	0		
L122	BEARGRASS CREEK GREENWAY AT IRISH HILL	GREENWAY	No	Not listed	2001 LEXINGTON RD	37.2	0		
L109	BRESLIN	NEIGHBORHOOD PARK	No	Northeast	1388 LEXINGTON RD	11.1	0		
L98	SENECA	MAJOR URBAN PARK	Yes	Northeast	3151 PEE WEE REESE RD	123.6	0		
L18	EASTOVER	NEIGHBORHOOD PARK	No	Not listed	118 SACRED HEART LN	1.1	0		
L60	RIVERSIDE GARDENS	NEIGHBORHOOD PARK	No	Southwest	2899 LEES LN	10.4	0		
L131	WATSON LANE TRAILHEAD	Louisville Loop Property	No	Not listed	7600 WATSON LN	0.9	0		
L93	SUN VALLEY	MAJOR URBAN PARK	No	Community Centers	6505 BETHANY LN	39.5	0		
L114	FISHERMAN'S	COMMUNITY PARK	No	Southeast	5607 OLD HEADY RD	59.1	0		
L52	MEDORA	NEIGHBORHOOD PARK	No	Southwest	6210 PENDLETON RD	3.6	0		
L107	BLUE LICK	COMMUNITY PARK	No	Southeast	4114 MUDD LN	25.7	0		



SITE CONDITION SCORE			COMMUNITY NEED SCORE					FINAL CAPITAL INVESTMENT PRIORITY SCORE	
Final Site Condition Score	Past Investment Score	Site Need Score (Combined Site Condition Score and Past Investment Score)	Historic Inequities Score	Envirom. Justice Score	Health & Wellness Score	Population Density Score	Community Need Score for the Highest Need Walkshed Section (Combined Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)	Final Capital Invest. Priority Score	Final Capital Invest. Priority Decile 2022-10-13
0.444	0.859	0.621	0.420	0.272	0.634	0.392	0.499	0.560	6
0.591	0.972	0.766	0.278	0.466	0.410	0.487	0.351	0.559	6
0.515	0.967	0.710	0.212	0.402	0.551	0.657	0.390	0.550	6
0.641	1.000	0.811	0.416	0.699	0.755	0.423	0.285	0.548	6
0.472	0.964	0.678	0.827	0.626	0.536	0.553	0.414	0.546	6
0.389	0.860	0.582	0.375	0.367	0.328	0.580	0.509	0.546	7
0.536	0.803	0.666	0.339	0.335	0.558	0.407	0.423	0.545	7
0.375	0.920	0.594	0.434	0.295	0.607	0.384	0.489	0.542	7
0.519	0.972	0.715	0.713	0.382	0.749	0.599	0.363	0.539	7
0.567	0.863	0.710	0.454	0.704	0.617	0.229	0.361	0.535	7
0.625	1.000	0.800	0.803	0.681	0.732	0.569	0.270	0.535	7
0.630	0.942	0.783	0.736	0.756	0.745	0.535	0.284	0.533	7
0.694	0.764	0.765	0.273	0.436	0.594	0.259	0.300	0.532	7
0.528	1.000	0.731	0.642	0.642	0.613	0.719	0.333	0.532	7
0.518	0.828	0.663	0.761	0.708	0.830	0.555	0.401	0.532	7
0.589	0.962	0.761	0.406	0.140	0.423	0.530	0.277	0.519	7
0.556	1.000	0.751	0.667	0.368	0.850	0.456	0.285	0.518	7
0.658	0.926	0.797	0.504	0.192	0.363	0.655	0.234	0.516	8
0.429	1.000	0.660	0.691	0.401	0.809	0.638	0.360	0.510	8
0.571	0.929	0.737	0.308	0.425	0.504	0.278	0.280	0.508	8
0.900	1.000	0.996	0.761	0.658	0.747	0.605	0.019	0.507	8
0.596	1.000	0.779	0.304	0.364	0.581	0.506	0.225	0.502	8
0.558	0.981	0.745	0.993	0.373	0.495	1.000	0.256	0.501	8

(CONTINUED) FIGURE 66. Capital Investment Priority Scoring for Parks

Parks For All ID (Site)	Name	Park Type	Olmsted Site?	Operations District	Address	Acres	Rec Facility On Site?	Rec Facility Type	Rec Facility Name
L17	DOUGLASS	NEIGHBORHOOD PARK	No	Northeast	2305 DOUGLASS BLVD	4.7	1	Community Center	Douglass Community Center
L90	DES PRES	COMMUNITY PARK	No	Southeast	4709 LOWE RD	27.1	0		
L150	LOUISVILLE CHAMPIONS SOCCER	COMMUNITY PARK	No	Northeast	2100 RIVER RD	50.3	0		
L69	TYLER	NEIGHBORHOOD PARK	Yes	Northeast	1501 CASTLEWOOD AVE	9.3	0		
L19	Fairdale Village Green	NEIGHBORHOOD PARK	No	Not listed	10714 WEST MANSLICK RD	0.6	0		
L32	KULMER RESERVE	Natural Area	No	Not listed	17200 KULMER BEACH RD	23.8	0		
L66	STORY AVENUE	NEIGHBORHOOD PARK	No	Northeast	1531 STORY AVE	1.8	0		
L30	KENNEDY COURT	NEIGHBORHOOD PARK	No	Northeast	225 KENNEDY AVE	1.0	0		
L134	CYRIL ALLGEIER PARK	COMMUNITY PARK	No	Southwest	4101 CADILLAC CT	12.2	1	Community Center	Allgeier Community Center
L151	LOUISVILLE CHAMPIONS	COMMUNITY PARK	No	Northeast	2700 RIVER RD	62.2	0		
L115	JOE CREASON	COMMUNITY PARK	No	Northeast	1297 TREVILIAN WAY	65.0	0		
L105	BERRYTOWN	COMMUNITY PARK	No	Southeast	1300 HEAFER RD	24.3	1	Community Center	Berrytown Community Center
L79	PORTLAND WHARF	COMMUNITY PARK	No	Northwest	719 NORTH 32ND ST	38.0	0		
L87	CROSBY	NEIGHBORHOOD PARK	No	Southeast	11500 CEDARDALE RD	19.9	0		
L68	TWIN PARK	Natural Area	No	Northwest	3145 RIVER RD	39.9	0		
L16	CARRIE GAULBERT COX	COMMUNITY PARK	No	Northeast	3730 RIVER RD	51.2	0		
L33	LAKE DREAMLAND	NEIGHBORHOOD PARK	No	Southwest	4400 LAKE DREAMLAND RD	1.4	0		
L95	WAVERLY	MAJOR URBAN PARK	No	Not listed	4800 WAVERLY PARK RD	186.0	0		
L26	HOUNZ LANE	COMMUNITY PARK	No	Southeast	2300 HOUNZ LN	20.5	0		
L29	HAYS KENNEDY	COMMUNITY PARK	No	Northeast	7303 BEACHLAND BEACH RD	78.4	0		
L124	A.B. SAWYER	COMMUNITY PARK	No	Southeast	9300 WHIPPS MILL RD	47.4	0		
L11	CAPERTON SWAMP	Natural Area	No	Not listed	3916 RIVER RD	29.0	0		
L136	PATRIOTS PEACE MEMORIAL	NEIGHBORHOOD PARK	No	Not listed	3742 UPPER RIVER RD	0.9	0		



SITE CONDITION SCORE			COMMUNITY NEED SCORE					FINAL CAPITAL INVESTMENT PRIORITY SCORE	
Final Site Condition Score	Past Investment Score	Site Need Score (Combined Site Condition Score and Past Investment Score)	Historic Inequities Score	Envirom. Justice Score	Health & Wellness Score	Population Density Score	Community Need Score for the Highest Need Walkshed Section (Combined Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)	Final Capital Invest. Priority Score	Final Capital Invest. Priority Decile 2022-10-13
0.450	0.989	0.672	0.667	0.548	0.566	0.564	0.327	0.499	8
0.464	0.969	0.675	0.431	0.351	0.435	0.344	0.316	0.496	8
0.529	0.987	0.727	0.617	0.301	0.829	0.693	0.253	0.490	8
0.304	0.847	0.518	0.391	0.376	0.618	0.288	0.453	0.485	8
0.333	1.000	0.593	0.671	0.488	0.773	0.385	0.372	0.482	8
0.611	1.000	0.790	0.740	0.451	0.505	0.229	0.174	0.482	8
0.386	0.943	0.610	0.612	0.250	0.376	0.436	0.328	0.469	9
0.313	1.000	0.578	0.421	0.484	0.661	0.378	0.350	0.464	9
0.375	1.000	0.622	0.667	0.512	0.850	0.485	0.290	0.456	9
0.500	0.930	0.686	0.667	0.589	0.771	0.406	0.197	0.442	9
0.432	0.907	0.630	0.618	0.748	0.750	0.643	0.253	0.441	9
0.486	0.935	0.678	0.455	0.680	0.813	0.928	0.202	0.440	9
0.600	0.000	0.427	0.380	0.423	0.461	0.347	0.453	0.440	9
0.400	0.946	0.621	0.207	0.856	0.438	0.067	0.221	0.421	9
0.500	1.000	0.711	0.533	0.386	0.530	0.225	0.127	0.419	9
0.519	0.981	0.718	0.769	0.290	0.581	0.714	0.120	0.419	9
0.545	0.919	0.715	0.534	0.415	0.502	0.462	0.123	0.419	9
0.516	0.862	0.673	0.470	0.391	0.383	0.268	0.144	0.408	9
0.368	0.866	0.569	0.433	0.259	0.816	0.492	0.242	0.406	10
0.475	0.960	0.679	0.553	0.319	0.633	0.449	0.125	0.402	10
0.375	0.903	0.588	0.667	0.612	0.705	0.605	0.215	0.402	10
0.500	0.888	0.671	0.998	0.195	0.624	1.000	0.124	0.398	10
0.464	0.954	0.670	0.783	0.463	0.786	0.477	0.122	0.396	10

(CONTINUED) FIGURE 66. Capital Investment Priority Scoring for Parks

Parks For All ID (Site)	Name	Park Type	Olmsted Site?	Operations District	Address	Acres	Rec Facility On Site?	Rec Facility Type	Rec Facility Name
L100	THURMAN HUTCHINS	COMMUNITY PARK	No	Northeast	3734 RIVER RD	77.8	0		
L102	LONG RUN	MAJOR URBAN PARK	No	Southeast	1605 FLAT ROCK RD	212.4	0		
L149	FOREST GREEN GREENWAY	GREENWAY	No	Not listed	1100 FOREST BRIDGE RD	27.8	0		
L62	RIVERSIDE, THE FARNSELY-MOREMAN LANDING	MAJOR URBAN PARK	No	Northeast	7410 MOORMAN RD	301.1	0		
L96	CHARLIE VETTINER	MAJOR URBAN PARK	No	Southeast	5550 CHARLIE VETTINER PARK RD	102.1	0		
L61	RIVERVIEW	COMMUNITY PARK	No	Southwest	8202 GREENWOOD RD	46.1	0		
L125	LOCUST GROVE	COMMUNITY PARK	No	Northeast	561 BLANKENBAKER LANE	54.9	0		
L111	FAIRMONT FALLS	Natural Area	No	Not listed	9800 THIXTON LN	12.0	0		





SITE CONDITION SCORE			COMMUNITY NEED SCORE					FINAL CAPITAL INVESTMENT PRIORITY SCORE	
Final Site Condition Score	Past Investment Score	Site Need Score (Combined Site Condition Score and Past Investment Score)	Historic Inequities Score	Envirom. Justice Score	Health & Wellness Score	Population Density Score	Community Need Score for the Highest Need Walkshed Section (Combined Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)	Final Capital Invest. Priority Score	Final Capital Invest. Priority Decile 2022-10-13
0.444	0.947	0.653	0.576	0.561	0.813	1.000	0.120	0.386	10
0.467	0.941	0.667	0.949	0.836	0.629	0.503	0.095	0.381	10
0.667	0.000	0.474	0.687	0.339	0.802	0.620	0.276	0.375	10
0.368	0.898	0.581	0.442	0.339	0.507	0.414	0.148	0.364	10
0.406	0.793	0.571	0.486	0.353	0.406	0.262	0.111	0.341	10
0.464	0.642	0.558	0.175	0.765	0.704	0.068	0.047	0.303	10
0.375	0.534	0.457	0.880	0.290	0.804	0.615	0.145	0.301	10
0.656	0.000	0.467	0.667	0.544	0.788	0.806	0.024	0.245	10

FIGURE 67. Capital Investment Priority Scoring for Community Centers

Parks For All ID (Facility)	Community Center Name	Parks For All ID (Site in which facility is located)	Park Name
ADD15	Watson-Powell Community Center	IS106	Watson Powell Community Center
ADD22	Wilderness Community Center	IS107	Wilderness Community Center
IS002	SHAWNEE COMMUNITY CENTER	L260	SHAWNEE COMMUNITY CENTER
IS003	South Louisville Community Center	L261	SOUTH LOUISVILLE COMMUNITY CENTER
IS004	Metro Arts Community Center	IS101	Metro Arts Community Center
S212	Shelby Park Community Center	L65	SHELBY
S214	Portland Community Center	L80	PORTLAND
S215	Cyril Allgeier Community Center	L134	CYRIL ALLGEIER PARK
S216	Southwick Community Center	L48	RUSSELL LEE
S217	Flaget Community Center	L20	FLAGET FIELD
S218	Parkhill Community Center	L55	PARKHILL
S219	Sun Valley Community Center	L40	SUN VALLEY GOLF COURSE
S220	Sylvania Community Center	L67	SYLVANIA
S221	Newburg Community Center	L262	NEWBURG COMMUNITY CENTER
S222	California Community Center	L39	CALIFORNIA
S223	Beechmont Community Center	L126	BEECHMONT TOT LOT
S226	Douglass Community Center	L17	DOUGLASS
S450	Berrytown Recreation Center	L105	BERRYTOWN



Category	Add'l Info?	Building?	Facility Condition Score	Community Need Score (For Site Sections Where These Facilities Are Located)	Final Capital Investment Score (Combined Facility Condition Score and Community Need Score)
Community Center	Senior Center	1	0.699	0.165	0.432
Community Center		1	0.733	0.520	0.627
Community Center		1	0.782	0.851	0.816
Community Center		1	0.638	0.841	0.740
Community Center		1	0.681	0.496	0.588
Community Center		1	0.592	0.771	0.681
Community Center		1	0.629	0.568	0.598
Community Center		1	0.566	0.290	0.428
Community Center		1	0.647	0.713	0.680
Community Center		1	0.414	0.621	0.517
Community Center		1	1.000	0.817	0.908
Community Center		1	0.599	0.279	0.439
Community Center		1	0.938	0.306	0.622
Community Center		1	0.601	0.624	0.612
Community Center		1	0.734	0.872	0.803
Community Center		1	0.592	0.652	0.622
Community Center		1	0.663	0.327	0.495
Community Center		1	0.508	0.202	0.355

FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110056001	2.4	93.8	92	624.5	6550	65%	8594	9%	204	1.000	1.000
211110114051	5.8	93.7	99	999.8	2111	80%	7574	59%	889	1.000	1.000
211110112021	1.7	94.7	91	679.4	2502	73%	8877	24%	605	1.000	1.000
211110030002	3.9	81.8	60	367.6	366	99%	8547	73%	1274	0.365	1.000
211110043013	2.2	91.7	48	315.4	896	80%	7583	39%	782	0.893	1.000
211110053001	2.9	89.7	40	358.6	701	43%	6420	50%	592	0.699	1.000
211110051002	3.8	81.9	73	956.2	350	45%	8147	5%	144	0.349	1.000
211110059011	3.6	70.7	194	1157.5	391	74%	7572	0%	0	0.390	1.000
211110110071	5.7	97.3	96	340.1	2337	64%	4247	36%	446	1.000	0.846
211110027003	1.7	95.5	90	600.6	980	95%	6607	63%	774	0.977	1.000
211110113021	4.8	97.6	56	286.9	596	82%	8915	13%	292	0.594	1.000
211110052002	1.5	92.9	59	915.5	503	34%	5183	28%	698	0.502	1.000
211110051003	4.3	76.9	126	1468.5	243	50%	6084	7%	47	0.242	1.000
211110017003	3.4	86.8	31	375.1	164	98%	9960	25%	472	0.163	1.000
211110110083	2.7	101.1	35	277.6	1131	38%	5258	12%	373	1.000	1.000
211110027002	1.8	95.2	114	754.6	846	93%	6037	56%	675	0.844	1.000
211110050002	4.6	72.7	85	586.3	442	58%	4235	61%	600	0.441	0.844
211110076031	0.4	102.0	51	579.1	996	36%	5201	17%	397	0.993	1.000
211110037002	2.5	92.8	62	539.2	505	58%	5392	24%	400	0.504	1.000
211110008001	2.4	86.3	65	692.6	0	98%	10315	14%	426	0.000	1.000
211110062002	3.6	79.3	119	480.1	411	85%	6326	40%	456	0.410	1.000
211110030001	3.2	76.9	51	196.3	209	92%	6402	85%	1309	0.208	1.000
211110059022	3.6	81.8	31	387.6	283	76%	6014	24%	413	0.282	1.000
211110059012	4.9	71.1	44	393.3	362	98%	8197	11%	188	0.360	1.000
211110035011	4.6	76.0	89	361.8	957	62%	3403	66%	126	0.954	0.678
211110017002	2.3	91.6	41	490.7	145	99%	8486	38%	503	0.145	1.000
211110035021	3.9	80.2	162	374.4	575	80%	3727	67%	645	0.574	0.742
211110065003	1.5	87.9	51	690.1	23	64%	5589	31%	690	0.023	1.000
211110040001	3.2	88.3	58	684.0	1714	34%	2772	18%	295	1.000	0.552
211110091062	5.9	93.9	57	423.6	1452	20%	1984	11%	297	1.000	0.395
211110113023	4.8	104.0	22	140.6	423	91%	6480	24%	396	0.422	1.000
211110065001	1.6	88.9	98	1052.3	24	74%	6088	43%	891	0.024	1.000
211110059023	4.0	81.5	55	433.4	247	76%	4601	25%	449	0.246	0.916
211110091051	6.0	91.4	89	440.2	1377	42%	3937	5%	54	1.000	0.784
211110024022	2.9	85.2	116	467.3	0	98%	5559	27%	419	0.000	1.000
211110009002	0.5	92.7	59	471.5	136	99%	8231	44%	839	0.135	1.000
211110114052	6.0	99.9	49	449.8	1828	78%	6160	0%	0	1.000	1.000
211110043011	0.6	102.4	63	493.5	894	47%	3760	48%	916	0.892	0.749
211110119081	4.7	97.2	94	459.7	2206	41%	3599	9%	254	1.000	0.717
211110038002	2.5	92.4	36	466.4	136	36%	3990	23%	350	0.135	0.795
211110065002	2.5	87.6	38	474.8	24	68%	6335	18%	250	0.024	1.000
211110036001	2.5	91.9	123	716.0	419	53%	4482	11%	169	0.417	0.893



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.534	0.451	0.618	0.914	0.654	0.552	1.000	0.845	0.661	0.735	1.000	1.000
1.000	1.000	0.619	0.519	0.614	0.658	1.000	1.000	0.713	0.758	0.729	0.987
1.000	0.319	0.606	0.575	0.585	0.536	1.000	1.000	0.500	0.707	0.932	0.968
1.000	0.728	0.776	0.834	1.000	0.867	0.688	0.788	0.779	0.852	0.663	0.951
1.000	0.401	0.645	1.000	0.802	0.686	0.590	0.964	0.682	0.693	0.722	0.945
1.000	0.536	0.671	0.328	0.894	0.283	0.671	0.900	0.512	0.616	1.000	0.934
0.378	0.701	0.776	0.207	0.645	0.795	1.000	0.576	0.561	0.813	1.000	0.910
0.000	0.678	0.923	0.970	0.759	0.756	1.000	0.463	0.857	0.838	0.782	0.907
1.000	1.000	0.571	0.936	0.644	0.607	0.636	0.949	0.836	0.629	0.503	0.900
1.000	0.312	0.595	0.394	0.872	0.903	1.000	0.992	0.434	0.925	0.535	0.891
0.766	0.893	0.567	0.519	0.624	0.647	0.537	0.787	0.660	0.603	0.835	0.890
1.000	0.276	0.629	0.221	0.615	0.405	1.000	0.834	0.376	0.673	1.000	0.890
0.122	0.805	0.842	0.392	0.645	0.795	1.000	0.455	0.680	0.813	0.928	0.887
1.000	0.628	0.711	0.394	0.763	0.890	0.702	0.721	0.578	0.785	0.781	0.884
0.978	0.500	0.521	0.097	0.460	0.505	0.519	0.993	0.373	0.495	1.000	0.882
1.000	0.337	0.599	0.533	0.872	0.903	1.000	0.948	0.490	0.925	0.497	0.882
1.000	0.865	0.898	0.361	0.609	0.880	1.000	0.761	0.708	0.830	0.555	0.881
1.000	0.078	0.508	0.000	0.477	0.394	1.000	0.998	0.195	0.624	1.000	0.869
1.000	0.464	0.631	0.390	0.695	0.622	1.000	0.835	0.495	0.772	0.711	0.868
1.000	0.441	0.717	0.474	0.591	0.773	1.000	0.667	0.544	0.788	0.806	0.865
1.000	0.674	0.810	0.559	0.693	0.603	0.898	0.803	0.681	0.732	0.569	0.859
1.000	0.592	0.842	0.834	1.000	0.867	0.367	0.736	0.756	0.745	0.535	0.855
1.000	0.671	0.777	0.527	0.759	0.756	0.725	0.761	0.658	0.747	0.605	0.855
0.492	0.920	0.919	0.406	0.759	0.756	0.736	0.618	0.748	0.750	0.643	0.851
0.331	0.859	0.854	0.964	0.980	0.508	0.677	0.654	0.892	0.722	0.424	0.831
1.000	0.434	0.647	0.291	0.763	0.890	0.918	0.715	0.458	0.857	0.660	0.830
1.000	0.726	0.798	0.964	0.980	0.508	0.701	0.772	0.829	0.729	0.359	0.830
1.000	0.283	0.696	0.569	0.756	0.692	1.000	0.674	0.516	0.816	0.674	0.827
0.773	0.602	0.690	0.196	0.720	0.616	1.000	0.775	0.496	0.779	0.629	0.827
0.780	1.000	0.616	0.070	0.592	0.540	0.793	0.725	0.562	0.642	0.750	0.827
1.000	0.888	0.482	0.984	0.624	0.647	0.263	0.807	0.785	0.512	0.546	0.817
1.000	0.304	0.682	0.569	0.756	0.692	1.000	0.675	0.518	0.816	0.634	0.816
1.000	0.748	0.780	0.527	0.759	0.756	0.811	0.721	0.685	0.775	0.461	0.815
0.143	1.000	0.649	0.276	0.549	0.467	0.824	0.642	0.642	0.613	0.719	0.807
1.000	0.543	0.732	0.768	0.743	0.807	0.875	0.667	0.681	0.808	0.436	0.800
1.000	0.089	0.632	0.488	0.713	0.909	0.882	0.712	0.403	0.835	0.640	0.799
0.000	1.000	0.536	0.301	0.614	0.658	0.842	0.667	0.612	0.705	0.605	0.799
1.000	0.121	0.504	0.247	0.802	0.686	0.923	0.880	0.290	0.804	0.615	0.799
0.667	0.873	0.572	0.000	0.575	0.472	0.860	0.795	0.482	0.636	0.676	0.799
0.917	0.470	0.636	0.000	0.709	0.622	0.873	0.616	0.369	0.735	0.858	0.795
0.655	0.456	0.699	0.422	0.756	0.692	0.888	0.560	0.526	0.779	0.712	0.795
0.443	0.467	0.642	0.439	0.743	0.684	1.000	0.584	0.516	0.809	0.652	0.790

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110052001	1.6	95.4	83	866.4	449	34%	4520	9%	125	0.447	0.900
211110049001	5.6	65.0	139	943.4	564	57%	4330	15%	68	0.562	0.862
211110113026	4.5	102.4	26	179.8	482	89%	6466	17%	415	0.481	1.000
211110007002	1.4	92.6	49	427.8	73	98%	8128	26%	568	0.072	1.000
211110014003	2.3	89.2	37	309.6	19	99%	8409	25%	644	0.019	1.000
211110024012	1.1	93.3	148	697.1	0	97%	6161	36%	876	0.000	1.000
211110039001	1.0	95.7	155	821.0	432	57%	4009	45%	768	0.431	0.799
211110011002	1.3	93.4	92	464.1	349	98%	6069	32%	696	0.348	1.000
211110090011	2.4	92.4	14	140.9	1315	64%	4721	23%	614	1.000	0.940
211110043014	-0.4	99.8	54	391.3	744	80%	4225	39%	406	0.742	0.841
211110004003	0.9	91.3	43	343.3	79	97%	8863	21%	543	0.079	1.000
211110040002	2.4	92.6	75	578.3	1401	28%	2275	14%	262	1.000	0.453
211110036004	1.1	97.3	83	479.9	381	52%	3978	34%	572	0.379	0.792
211110007001	0.9	93.7	40	417.1	60	96%	7759	42%	647	0.060	1.000
211110007003	2.0	88.5	45	318.0	56	98%	6465	50%	904	0.056	1.000
211110009001	0.9	94.7	41	334.0	139	98%	7666	46%	587	0.138	1.000
211110021001	0.6	97.6	63	696.4	19	46%	4178	37%	718	0.019	0.832
211110015003	2.2	89.9	95	421.7	0	98%	5212	54%	648	0.000	1.000
211110023002	1.6	91.4	144	902.4	170	51%	3678	41%	414	0.170	0.733
211110016001	2.7	91.1	73	575.8	0	96%	5600	25%	394	0.000	1.000
211110111141	6.7	96.3	31	215.3	1110	51%	3563	15%	285	1.000	0.710
211110039003	1.6	92.8	127	560.3	527	43%	3075	26%	375	0.526	0.613
211110090013	1.6	96.5	78	378.0	1303	52%	3873	13%	218	1.000	0.771
211110110033	1.0	103.5	49	417.5	1506	36%	3417	13%	239	1.000	0.681
211110110082	8.2	80.9	62	1070.3	2577	39%	2072	12%	207	1.000	0.413
211110113024	3.7	109.9	23	165.6	396	87%	5690	20%	353	0.395	1.000
211110071025	2.7	92.6	56	532.8	688	31%	3121	2%	57	0.686	0.622
211110114053	5.0	106.0	37	227.5	1739	70%	5152	0%	0	1.000	1.000
211110024011	0.6	96.3	134	832.1	0	91%	5433	53%	869	0.000	1.000
211110114054	7.2	89.8	26	144.0	1115	58%	2576	38%	487	1.000	0.513
211110041001	3.4	84.6	84	638.8	382	43%	2882	34%	228	0.380	0.574
211110043012	3.2	85.9	74	364.3	644	86%	4140	21%	256	0.642	0.825
211110010003	0.7	93.5	105	429.2	104	98%	4897	30%	356	0.104	0.975
211110046001	1.9	96.2	70	592.0	2096	45%	3611	8%	127	1.000	0.719
211110021003	1.3	93.4	95	902.3	16	47%	3486	35%	627	0.016	0.694
211110018001	2.0	91.4	212	717.0	0	98%	4505	53%	480	0.000	0.897
211110114055	5.0	101.6	65	162.2	1062	64%	3399	21%	260	1.000	0.677
211110050001	5.5	75.1	55	414.8	271	78%	4321	8%	45	0.270	0.861
211110003003	1.2	93.5	36	495.7	0	91%	7972	14%	138	0.000	1.000
211110111173	0.3	100.6	0	0.0	1142	40%	4042	31%	1358	1.000	0.805
211110128012	3.0	97.0	69	241.3	191	96%	5658	40%	409	0.190	1.000
211110016002	1.6	93.2	73	440.3	0	96%	6924	18%	320	0.000	1.000





ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.329	0.289	0.596	0.078	0.615	0.405	1.000	0.559	0.321	0.673	1.000	0.788
0.178	1.000	1.000	0.060	0.664	0.578	1.000	0.534	0.687	0.747	0.584	0.788
1.000	0.837	0.504	0.537	0.624	0.647	0.336	0.827	0.626	0.536	0.553	0.784
1.000	0.258	0.634	0.312	0.746	0.879	0.801	0.691	0.401	0.809	0.638	0.783
1.000	0.434	0.678	0.584	0.640	0.671	0.579	0.673	0.565	0.630	0.649	0.777
1.000	0.205	0.624	0.705	0.743	0.807	1.000	0.667	0.512	0.850	0.485	0.776
1.000	0.195	0.592	0.538	0.733	0.628	1.000	0.743	0.442	0.787	0.539	0.775
1.000	0.234	0.623	0.533	0.631	0.859	0.869	0.783	0.463	0.786	0.477	0.774
1.000	0.454	0.636	0.320	0.618	0.569	0.264	0.980	0.470	0.484	0.569	0.772
1.000	0.000	0.538	1.000	0.802	0.686	0.732	0.861	0.513	0.740	0.381	0.770
1.000	0.164	0.650	0.399	0.650	0.785	0.643	0.693	0.405	0.693	0.704	0.770
0.688	0.438	0.634	0.000	0.720	0.616	1.000	0.714	0.357	0.779	0.624	0.763
1.000	0.200	0.571	0.315	0.743	0.684	0.898	0.724	0.362	0.775	0.588	0.755
1.000	0.170	0.618	0.230	0.746	0.879	0.781	0.687	0.339	0.802	0.620	0.755
1.000	0.371	0.688	0.488	0.746	0.879	0.595	0.685	0.516	0.740	0.504	0.754
1.000	0.164	0.606	0.377	0.713	0.909	0.625	0.713	0.382	0.749	0.599	0.754
1.000	0.104	0.567	0.232	0.795	0.692	1.000	0.617	0.301	0.829	0.693	0.753
1.000	0.412	0.669	0.686	0.680	0.844	0.789	0.667	0.589	0.771	0.406	0.751
1.000	0.290	0.650	0.263	0.822	0.680	1.000	0.634	0.401	0.834	0.558	0.749
1.000	0.500	0.653	0.420	0.612	0.741	1.000	0.667	0.524	0.784	0.449	0.748
0.747	1.000	0.585	0.212	0.447	0.494	0.403	0.819	0.599	0.448	0.533	0.740
0.984	0.300	0.630	0.111	0.733	0.628	1.000	0.707	0.347	0.787	0.550	0.738
0.572	0.300	0.582	0.295	0.618	0.569	0.707	0.781	0.392	0.631	0.570	0.733
0.626	0.192	0.488	0.189	0.480	0.481	0.781	0.769	0.290	0.581	0.714	0.726
0.543	1.000	0.788	0.097	0.460	0.505	1.000	0.652	0.629	0.655	0.412	0.724
0.925	0.693	0.404	0.537	0.624	0.647	0.310	0.773	0.545	0.527	0.501	0.724
0.150	0.495	0.633	0.072	0.621	0.453	0.997	0.486	0.400	0.690	0.770	0.724
0.000	0.923	0.455	0.265	0.614	0.658	0.426	0.667	0.548	0.566	0.564	0.723
1.000	0.111	0.584	0.410	0.743	0.807	1.000	0.667	0.368	0.850	0.456	0.722
1.000	1.000	0.671	0.263	0.614	0.658	0.270	0.838	0.645	0.514	0.338	0.720
0.598	0.638	0.739	0.209	0.703	0.569	1.000	0.518	0.529	0.757	0.517	0.716
0.671	0.604	0.722	0.217	0.802	0.686	0.682	0.713	0.515	0.723	0.369	0.716
0.933	0.133	0.621	0.711	0.713	0.802	0.803	0.671	0.488	0.773	0.385	0.715
0.333	0.345	0.586	0.000	0.575	0.523	1.000	0.684	0.310	0.699	0.621	0.714
1.000	0.236	0.622	0.167	0.795	0.692	1.000	0.570	0.342	0.829	0.572	0.714
1.000	0.365	0.649	0.361	0.755	0.838	1.000	0.632	0.458	0.864	0.353	0.712
0.681	0.932	0.515	0.301	0.614	0.658	0.304	0.786	0.583	0.525	0.407	0.710
0.119	1.000	0.865	0.233	0.609	0.880	0.776	0.416	0.699	0.755	0.423	0.708
0.361	0.229	0.621	0.243	0.745	0.717	0.928	0.454	0.364	0.797	0.675	0.706
1.000	0.060	0.527	0.093	0.542	0.503	0.000	0.935	0.227	0.348	0.767	0.703
1.000	0.553	0.575	0.311	0.621	0.766	0.452	0.730	0.480	0.613	0.451	0.702
0.838	0.296	0.625	0.212	0.612	0.741	0.824	0.613	0.378	0.726	0.550	0.699

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110004004	0.7	96.0	45	286.5	71	95%	7169	23%	458	0.070	1.000
211110076022	0.0	105.7	36	285.6	870	43%	4878	5%	71	0.867	0.972
211110008003	0.4	92.1	47	348.1	0	99%	7355	22%	333	0.000	1.000
211110010002	1.0	94.8	73	556.6	109	99%	4392	41%	389	0.109	0.875
211110023001	1.0	95.7	41	495.7	173	35%	2454	28%	435	0.173	0.489
211110064001	2.8	84.5	94	959.4	175	15%	1643	17%	194	0.174	0.327
211110016003	3.0	91.4	47	516.8	0	96%	6708	8%	110	0.000	1.000
211110017001	1.1	98.2	43	418.5	130	97%	6754	6%	107	0.129	1.000
211110037001	4.3	80.4	175	1177.1	477	53%	3067	10%	54	0.475	0.611
211110090023	-0.2	98.6	33	399.4	1789	32%	2602	18%	266	1.000	0.518
211110068003	3.8	85.2	32	395.5	146	13%	1557	8%	111	0.145	0.310
211110090021	0.7	100.4	96	432.0	1207	26%	1328	53%	873	1.000	0.264
211110066001	1.1	95.9	57	625.7	268	45%	4610	0%	0	0.267	0.918
211110002011	0.4	93.0	85	677.2	144	42%	2789	40%	550	0.144	0.555
211110024021	2.1	88.3	100	480.5	0	94%	3657	30%	216	0.000	0.728
211110045002	0.5	100.8	52	382.2	703	34%	2330	48%	764	0.701	0.464
211110066002	1.5	93.4	73	613.7	224	38%	3253	16%	244	0.223	0.648
211110051001	3.0	85.5	63	428.1	112	69%	4587	0%	0	0.111	0.914
211110112022	2.0	97.3	125	693.0	1467	48%	3559	0%	0	1.000	0.709
211110006002	0.8	89.9	42	335.3	50	97%	5540	45%	591	0.050	1.000
211110049002	5.4	66.7	116	524.3	215	78%	2319	70%	253	0.214	0.462
211110056002	4.4	77.7	41	134.7	1202	74%	2365	51%	286	1.000	0.471
211110036005	1.1	98.7	52	476.7	331	66%	4996	0%	0	0.330	0.995
211110082012	0.1	100.8	26	266.3	921	7%	758	23%	594	0.918	0.151
211110071022	2.3	93.3	30	425.9	376	20%	1831	18%	185	0.375	0.365
211110112011	3.0	91.1	67	303.3	0	56%	3758	34%	453	0.000	0.748
211110114041	4.1	102.0	62	199.1	1191	66%	3118	22%	193	1.000	0.621
211110112023	0.9	103.7	37	300.3	2048	48%	4033	3%	49	1.000	0.803
211110069001	2.0	94.7	33	283.3	426	8%	747	14%	386	0.424	0.149
211110041002	0.5	100.0	85	675.1	432	31%	2192	11%	262	0.430	0.437
211110126041	3.9	105.8	35	118.3	344	84%	5293	4%	47	0.343	1.000
211110071024	2.4	87.1	50	581.9	842	20%	1350	8%	105	0.839	0.269
211110003001	2.4	85.3	98	503.2	0	25%	1402	36%	359	0.000	0.279
211110011001	0.4	96.0	43	424.9	348	99%	6986	0%	0	0.347	1.000
211110036002	0.2	105.8	42	494.8	338	60%	4606	0%	0	0.336	0.917
211110068002	3.9	88.4	45	582.8	117	14%	1217	7%	117	0.117	0.242
211110015002	1.5	95.5	49	391.7	0	99%	6292	7%	96	0.000	1.000
211110091063	4.4	89.7	43	190.3	722	38%	1655	44%	443	0.720	0.330
211110044001	1.2	95.9	49	214.2	888	31%	1924	21%	289	0.885	0.383
211110028001	4.5	81.8	53	192.8	39	88%	2619	41%	306	0.039	0.522
211110021002	1.1	99.3	55	513.6	15	22%	1429	40%	728	0.015	0.285
211110110081	4.4	96.2	54	315.8	954	48%	3035	0%	0	0.951	0.604



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
1.000	0.129	0.588	0.286	0.650	0.785	0.536	0.690	0.334	0.657	0.580	0.698
0.187	0.002	0.459	0.081	0.539	0.467	0.534	0.675	0.181	0.513	0.864	0.689
0.874	0.074	0.639	0.373	0.591	0.773	0.651	0.625	0.362	0.672	0.572	0.688
1.000	0.180	0.604	0.389	0.713	0.802	1.000	0.661	0.391	0.838	0.340	0.688
1.000	0.184	0.592	0.193	0.822	0.680	0.928	0.554	0.323	0.810	0.540	0.687
0.509	0.529	0.741	0.000	0.499	0.368	1.000	0.337	0.423	0.622	0.831	0.683
0.288	0.561	0.649	0.212	0.612	0.741	0.967	0.429	0.474	0.773	0.536	0.683
0.281	0.200	0.559	0.417	0.763	0.890	0.783	0.470	0.392	0.812	0.532	0.681
0.141	0.791	0.795	0.153	0.695	0.622	1.000	0.409	0.580	0.772	0.445	0.681
0.698	0.000	0.554	0.000	0.618	0.569	0.748	0.739	0.185	0.645	0.633	0.679
0.292	0.715	0.732	0.000	0.513	0.422	0.740	0.249	0.482	0.558	0.909	0.678
1.000	0.127	0.530	0.469	0.618	0.569	0.808	0.755	0.376	0.665	0.388	0.674
0.000	0.199	0.589	0.068	0.650	0.465	1.000	0.395	0.286	0.705	0.787	0.670
1.000	0.078	0.628	0.145	0.796	0.657	1.000	0.566	0.284	0.818	0.503	0.670
0.567	0.396	0.691	0.768	0.743	0.807	0.899	0.432	0.618	0.816	0.297	0.668
1.000	0.098	0.524	0.176	0.618	0.600	0.715	0.722	0.266	0.645	0.528	0.667
0.639	0.280	0.623	0.000	0.650	0.465	1.000	0.503	0.301	0.705	0.650	0.666
0.000	0.555	0.728	0.392	0.645	0.795	0.801	0.342	0.558	0.747	0.512	0.666
0.000	0.375	0.572	0.000	0.585	0.536	1.000	0.570	0.315	0.707	0.566	0.666
1.000	0.152	0.669	0.242	0.668	0.751	0.627	0.683	0.354	0.682	0.436	0.665
0.664	1.000	0.978	0.228	0.664	0.578	0.981	0.447	0.735	0.741	0.228	0.664
0.749	0.812	0.831	0.395	0.654	0.552	0.252	0.740	0.679	0.486	0.245	0.663
0.000	0.212	0.552	0.292	0.743	0.684	0.892	0.442	0.352	0.773	0.583	0.663
1.000	0.015	0.524	0.000	0.427	0.364	0.498	0.690	0.180	0.430	0.847	0.662
0.484	0.437	0.624	0.072	0.621	0.453	0.797	0.408	0.378	0.624	0.714	0.655
1.000	0.562	0.653	0.165	0.585	0.536	0.568	0.583	0.460	0.563	0.507	0.652
0.505	0.763	0.509	0.308	0.625	0.532	0.373	0.709	0.527	0.510	0.362	0.650
0.128	0.171	0.486	0.076	0.585	0.536	0.562	0.644	0.245	0.561	0.639	0.644
1.000	0.377	0.606	0.000	0.480	0.469	0.530	0.524	0.328	0.493	0.740	0.643
0.687	0.085	0.535	0.139	0.703	0.569	1.000	0.518	0.253	0.757	0.536	0.637
0.124	0.726	0.458	0.783	0.559	0.533	0.221	0.489	0.656	0.438	0.482	0.637
0.275	0.444	0.706	0.000	0.621	0.453	1.000	0.461	0.384	0.691	0.527	0.637
0.943	0.450	0.730	0.084	0.745	0.717	0.942	0.407	0.422	0.801	0.422	0.633
0.000	0.080	0.588	0.176	0.631	0.859	0.795	0.449	0.281	0.762	0.543	0.628
0.000	0.033	0.459	0.184	0.743	0.684	0.926	0.418	0.225	0.784	0.589	0.622
0.306	0.721	0.689	0.000	0.513	0.422	1.000	0.222	0.470	0.645	0.676	0.621
0.252	0.281	0.595	0.178	0.680	0.844	0.733	0.417	0.351	0.752	0.489	0.620
1.000	0.811	0.672	0.000	0.592	0.540	0.356	0.683	0.494	0.496	0.331	0.619
0.757	0.220	0.590	0.270	0.555	0.531	0.401	0.675	0.360	0.496	0.473	0.618
0.801	0.845	0.777	0.489	0.730	0.761	0.361	0.454	0.704	0.617	0.229	0.618
1.000	0.196	0.545	0.036	0.795	0.692	0.961	0.433	0.259	0.816	0.492	0.617
0.000	0.826	0.586	0.042	0.460	0.505	0.591	0.519	0.485	0.518	0.477	0.617

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110052003	1.8	95.7	123	765.0	209	42%	2743	22%	255	0.208	0.546
211110036003	0.6	98.6	36	368.9	374	65%	4785	0%	0	0.373	0.953
211110041003	1.1	97.3	86	646.9	402	34%	1956	13%	218	0.401	0.390
211110110035	4.7	105.5	39	329.9	1292	40%	2614	0%	0	1.000	0.521
211110046002	1.6	99.2	81	320.2	1683	34%	2063	14%	202	1.000	0.411
211110012002	0.0	98.2	36	215.6	0	98%	5738	30%	252	0.000	1.000
211110049003	2.6	74.0	514	708.8	267	60%	2386	15%	25	0.266	0.475
211110115061	4.0	105.2	15	102.5	225	42%	3354	15%	307	0.225	0.668
211110062001	2.5	85.3	79	367.3	293	91%	4561	3%	23	0.292	0.908
211110014002	2.6	86.3	18	129.5	12	99%	5144	6%	65	0.012	1.000
211110122051	2.1	109.1	104	155.1	1443	37%	1102	48%	401	1.000	0.220
211110125033	3.9	102.0	29	148.1	293	26%	1562	49%	684	0.292	0.311
211110110053	4.7	100.5	24	132.4	527	48%	2725	14%	254	0.526	0.543
211110038003	2.1	91.2	32	326.9	112	31%	2707	0%	0	0.111	0.539
211110113022	3.3	106.4	47	108.8	196	92%	2653	30%	296	0.195	0.528
211110104051	2.8	100.0	37	257.6	333	34%	3119	4%	104	0.332	0.621
211110114062	5.2	100.9	36	139.9	1404	45%	2436	8%	62	1.000	0.485
211110023003	3.1	81.8	57	441.0	97	55%	2576	4%	46	0.096	0.513
211110065004	2.8	86.3	75	424.8	12	53%	2413	12%	119	0.012	0.481
211110028002	4.5	85.9	37	144.2	55	89%	3636	12%	86	0.055	0.724
211110124102	6.3	90.9	54	223.6	348	20%	1304	7%	87	0.347	0.260
211110103202	5.0	96.2	32	195.9	762	46%	2314	9%	153	0.759	0.461
211110010001	1.8	84.6	51	312.2	81	98%	3857	14%	122	0.080	0.768
211110069003	3.0	90.9	28	377.4	347	17%	1456	0%	0	0.346	0.290
211110084002	2.1	92.9	53	535.4	246	6%	525	4%	81	0.245	0.105
211110103243	2.9	103.1	37	134.0	466	46%	2574	21%	391	0.464	0.513
211110114042	3.2	109.6	94	161.9	889	60%	2294	15%	150	0.886	0.457
211110056003	1.4	88.8	53	237.6	2646	29%	1372	15%	130	1.000	0.273
211110123013	0.5	99.1	14	102.0	1062	32%	1778	25%	321	1.000	0.354
211110015001	0.3	98.9	28	170.9	0	97%	5177	11%	85	0.000	1.000
211110125021	6.3	89.8	38	110.5	198	46%	1494	38%	212	0.197	0.298
211110128022	2.0	87.6	67	228.7	201	75%	1976	30%	232	0.200	0.394
211110070002	2.7	92.5	34	300.6	293	12%	875	16%	221	0.292	0.174
211110063002	2.3	90.8	35	345.5	76	12%	819	21%	257	0.076	0.163
211110006001	1.7	85.3	109	328.6	26	96%	2963	28%	160	0.026	0.590
211110122061	0.2	102.5	127	421.6	476	20%	860	28%	405	0.474	0.171
211110125031	3.5	102.0	53	176.9	247	49%	2233	22%	217	0.246	0.445
211110043021	-1.2	107.3	131	278.6	294	61%	3176	36%	185	0.293	0.632
211110044003	1.1	98.6	62	393.1	801	25%	1274	7%	95	0.798	0.254
211110115212	4.0	105.2	22	80.7	1021	27%	1676	0%	0	1.000	0.334
211110011003	-1.3	99.3	54	221.0	260	99%	5053	0%	0	0.259	1.000
211110106023	0.2	92.7	0	0.0	778	38%	2412	18%	233	0.776	0.480





ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.669	0.340	0.592	0.119	0.615	0.405	1.000	0.474	0.350	0.673	0.498	0.616
0.000	0.114	0.554	0.137	0.743	0.684	0.690	0.442	0.268	0.706	0.567	0.612
0.572	0.198	0.572	0.209	0.703	0.569	1.000	0.454	0.326	0.757	0.440	0.610
0.000	0.880	0.463	0.000	0.480	0.481	0.617	0.507	0.447	0.526	0.495	0.610
0.529	0.292	0.545	0.055	0.575	0.523	0.599	0.647	0.298	0.566	0.460	0.608
0.660	0.000	0.558	0.399	0.647	0.849	0.403	0.553	0.319	0.633	0.449	0.603
0.065	0.484	0.880	0.533	0.664	0.578	1.000	0.269	0.632	0.747	0.305	0.603
0.806	0.751	0.466	0.000	0.480	0.431	0.192	0.566	0.406	0.368	0.606	0.600
0.061	0.467	0.730	0.255	0.693	0.603	0.687	0.421	0.484	0.661	0.378	0.600
0.170	0.487	0.718	0.686	0.640	0.671	0.242	0.394	0.630	0.518	0.398	0.599
1.000	0.388	0.415	0.549	0.631	0.593	0.290	0.740	0.451	0.505	0.229	0.594
1.000	0.731	0.509	0.005	0.634	0.594	0.277	0.534	0.415	0.502	0.462	0.590
0.665	0.871	0.529	0.007	0.548	0.489	0.248	0.578	0.469	0.428	0.434	0.589
0.000	0.393	0.653	0.048	0.709	0.622	0.612	0.217	0.364	0.648	0.676	0.588
0.777	0.622	0.450	0.984	0.624	0.647	0.204	0.500	0.685	0.492	0.221	0.586
0.274	0.522	0.535	0.007	0.398	0.450	0.482	0.409	0.355	0.443	0.689	0.585
0.163	0.966	0.524	0.000	0.565	0.483	0.262	0.549	0.497	0.437	0.412	0.584
0.122	0.578	0.777	0.187	0.822	0.680	0.825	0.244	0.514	0.776	0.357	0.583
0.312	0.515	0.717	0.284	0.756	0.692	0.795	0.268	0.506	0.748	0.352	0.578
0.225	0.839	0.723	0.348	0.730	0.761	0.270	0.335	0.637	0.587	0.314	0.578
0.228	1.000	0.656	0.000	0.555	0.557	0.418	0.278	0.552	0.510	0.512	0.572
0.401	0.930	0.586	0.000	0.486	0.405	0.367	0.541	0.505	0.419	0.384	0.571
0.321	0.332	0.740	0.249	0.713	0.802	0.584	0.390	0.440	0.700	0.302	0.565
0.000	0.549	0.656	0.000	0.480	0.469	0.706	0.212	0.402	0.551	0.657	0.562
0.212	0.396	0.629	0.000	0.417	0.363	1.000	0.187	0.342	0.593	0.697	0.561
1.000	0.536	0.494	0.000	0.503	0.395	0.251	0.659	0.343	0.383	0.429	0.560
0.393	0.595	0.407	0.318	0.625	0.532	0.303	0.579	0.440	0.486	0.291	0.554
0.341	0.258	0.683	0.078	0.654	0.552	0.445	0.538	0.340	0.550	0.365	0.553
0.841	0.094	0.547	0.023	0.503	0.536	0.191	0.732	0.221	0.410	0.424	0.551
0.224	0.062	0.550	0.420	0.680	0.844	0.320	0.408	0.344	0.615	0.410	0.548
0.557	1.000	0.671	0.345	0.661	0.627	0.207	0.350	0.672	0.498	0.248	0.546
0.609	0.369	0.700	0.520	0.684	0.771	0.428	0.401	0.530	0.628	0.201	0.543
0.580	0.503	0.635	0.000	0.473	0.404	0.562	0.349	0.379	0.480	0.549	0.542
0.673	0.436	0.657	0.000	0.604	0.492	0.647	0.304	0.364	0.581	0.506	0.542
0.419	0.317	0.730	0.415	0.668	0.751	0.615	0.345	0.487	0.678	0.236	0.539
1.000	0.037	0.503	0.000	0.631	0.593	0.789	0.549	0.180	0.671	0.332	0.534
0.569	0.657	0.509	0.164	0.634	0.594	0.331	0.420	0.443	0.520	0.346	0.533
0.485	0.000	0.439	0.133	0.808	0.663	0.521	0.470	0.191	0.664	0.401	0.532
0.249	0.210	0.554	0.122	0.555	0.531	0.736	0.434	0.295	0.607	0.384	0.531
0.000	0.745	0.467	0.071	0.480	0.475	0.151	0.445	0.428	0.369	0.479	0.531
0.000	0.000	0.545	0.272	0.631	0.859	0.413	0.420	0.272	0.634	0.392	0.530
0.610	0.040	0.632	0.245	0.533	0.388	0.000	0.622	0.306	0.307	0.480	0.529

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110100043	0.6	104.6	16	97.0	857	39%	3305	0%	0	0.855	0.658
211110027001	4.9	73.8	197	179.7	129	84%	748	76%	95	0.129	0.149
211110090012	1.4	98.5	36	177.9	1011	30%	1636	0%	0	1.000	0.326
211110111132	5.0	97.7	46	165.7	679	28%	1628	4%	61	0.677	0.324
211110119061	5.5	94.8	134	232.2	360	58%	1783	23%	85	0.359	0.355
211110002012	-0.4	91.6	57	343.9	102	33%	1297	50%	410	0.101	0.258
211110004002	-0.3	98.3	22	193.8	53	72%	4423	9%	62	0.053	0.881
211110124061	4.9	94.4	86	248.3	116	16%	589	34%	329	0.116	0.117
211110109014	0.3	105.2	22	103.4	862	33%	1880	14%	230	0.859	0.374
211110038004	1.3	99.5	82	570.5	78	29%	1482	6%	118	0.077	0.295
211110014001	-0.5	97.2	38	148.4	8	99%	2969	40%	391	0.008	0.591
211110118001	2.6	102.9	156	377.3	476	22%	837	22%	203	0.474	0.167
211110123023	3.4	104.6	31	178.5	235	35%	1762	11%	202	0.235	0.351
211110081003	1.4	90.2	90	362.7	274	17%	1270	6%	44	0.273	0.253
211110082011	1.1	93.0	35	365.3	731	10%	762	0%	0	0.729	0.152
211110101033	2.5	92.8	7	74.6	350	25%	1930	9%	149	0.349	0.384
211110124073	4.6	99.1	38	135.6	113	24%	1506	11%	161	0.112	0.300
211110100083	0.7	108.9	13	74.1	1113	38%	2673	5%	74	1.000	0.532
211110063001	1.7	88.5	60	308.3	63	14%	735	28%	308	0.063	0.146
211110068001	2.9	91.0	14	139.5	101	17%	1415	5%	90	0.101	0.282
211110044002	0.6	100.3	82	345.1	774	23%	1242	4%	42	0.772	0.247
211110046003	1.5	99.2	43	164.0	1325	26%	1258	9%	107	1.000	0.251
211110111112	4.0	103.5	23	62.7	778	34%	1728	7%	112	0.776	0.344
211110113025	3.0	111.8	28	102.8	206	89%	2831	16%	162	0.205	0.564
211110124101	6.8	91.1	65	113.3	226	27%	1218	11%	145	0.226	0.243
211110117071	4.0	100.2	118	220.8	482	38%	1712	11%	122	0.480	0.341
211110115172	3.4	102.4	3	23.8	552	26%	1938	2%	40	0.550	0.386
211110109013	0.5	103.2	27	228.3	718	41%	2706	0%	0	0.716	0.539
211110122064	4.0	97.8	29	135.6	402	31%	1089	24%	182	0.401	0.217
211110045001	0.5	99.5	100	310.0	446	38%	1789	12%	130	0.445	0.356
211110107011	3.9	83.8	25	137.9	625	47%	2295	2%	39	0.623	0.457
211110119091	4.4	101.5	146	302.1	644	19%	768	4%	37	0.642	0.153
211110119041	3.1	107.4	71	188.0	1001	27%	895	13%	106	0.998	0.178
211110107072	1.3	98.0	2	9.2	1023	30%	2225	0%	0	1.000	0.443
211110124081	6.5	89.2	71	245.9	216	17%	651	13%	100	0.216	0.130
211110110072	7.1	92.8	51	33.4	311	70%	612	37%	72	0.310	0.122
211110084003	1.3	95.8	22	193.6	265	13%	1223	0%	0	0.264	0.244
211110119071	6.0	97.9	245	524.8	223	17%	527	4%	39	0.222	0.105
211110125024	4.2	100.2	68	264.2	180	19%	649	19%	194	0.179	0.129
211110110036	3.2	106.4	47	182.9	831	41%	1817	3%	39	0.829	0.362
211110124064	5.9	95.2	94	218.9	144	12%	619	6%	61	0.143	0.123
211110100084	0.4	103.4	14	93.6	806	35%	1772	17%	247	0.803	0.353



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.000	0.102	0.474	0.000	0.483	0.424	0.182	0.504	0.192	0.363	0.655	0.529
0.249	0.903	0.883	0.510	0.872	0.903	0.336	0.175	0.765	0.704	0.068	0.528
0.000	0.257	0.555	0.205	0.618	0.569	0.333	0.442	0.339	0.507	0.414	0.525
0.161	0.936	0.565	0.000	0.385	0.430	0.310	0.387	0.500	0.375	0.439	0.525
0.223	1.000	0.605	0.259	0.599	0.533	0.435	0.312	0.621	0.522	0.234	0.521
1.000	0.000	0.647	0.047	0.796	0.657	0.644	0.453	0.231	0.699	0.305	0.521
0.162	0.000	0.558	0.175	0.650	0.785	0.363	0.365	0.244	0.600	0.471	0.519
0.863	0.907	0.610	0.058	0.548	0.498	0.465	0.366	0.525	0.504	0.280	0.517
0.604	0.054	0.466	0.229	0.473	0.460	0.193	0.612	0.250	0.376	0.436	0.517
0.310	0.233	0.542	0.039	0.709	0.622	1.000	0.228	0.272	0.777	0.397	0.516
1.000	0.000	0.573	0.584	0.640	0.671	0.278	0.533	0.386	0.530	0.225	0.516
0.533	0.485	0.497	0.146	0.637	0.511	0.706	0.391	0.376	0.618	0.288	0.516
0.529	0.637	0.474	0.229	0.552	0.494	0.334	0.371	0.446	0.460	0.390	0.515
0.116	0.266	0.665	0.000	0.552	0.511	0.679	0.214	0.310	0.580	0.562	0.514
0.000	0.198	0.628	0.000	0.427	0.364	0.684	0.293	0.275	0.492	0.598	0.512
0.391	0.470	0.630	0.000	0.466	0.378	0.140	0.375	0.367	0.328	0.580	0.509
0.421	0.850	0.547	0.000	0.510	0.467	0.254	0.278	0.466	0.410	0.487	0.506
0.194	0.135	0.417	0.000	0.424	0.468	0.139	0.576	0.184	0.343	0.537	0.506
0.808	0.317	0.688	0.000	0.604	0.492	0.577	0.339	0.335	0.558	0.407	0.506
0.235	0.536	0.655	0.000	0.513	0.422	0.261	0.206	0.397	0.399	0.628	0.503
0.110	0.108	0.531	0.122	0.555	0.531	0.646	0.376	0.254	0.577	0.416	0.501
0.280	0.284	0.546	0.000	0.575	0.523	0.307	0.510	0.277	0.468	0.366	0.500
0.293	0.749	0.489	0.000	0.450	0.476	0.117	0.471	0.412	0.348	0.388	0.500
0.424	0.557	0.378	0.537	0.624	0.647	0.192	0.398	0.491	0.488	0.243	0.500
0.379	1.000	0.653	0.000	0.555	0.557	0.212	0.283	0.551	0.441	0.341	0.499
0.319	0.737	0.533	0.000	0.546	0.424	0.413	0.380	0.423	0.461	0.347	0.497
0.104	0.633	0.504	0.000	0.496	0.386	0.045	0.347	0.379	0.309	0.575	0.497
0.000	0.101	0.493	0.114	0.473	0.460	0.427	0.418	0.236	0.453	0.500	0.496
0.478	0.747	0.564	0.140	0.631	0.593	0.254	0.365	0.484	0.492	0.265	0.496
0.341	0.085	0.542	0.165	0.618	0.600	0.580	0.381	0.264	0.600	0.359	0.495
0.101	0.731	0.750	0.000	0.332	0.423	0.258	0.394	0.493	0.338	0.377	0.494
0.098	0.826	0.515	0.000	0.575	0.472	0.565	0.298	0.447	0.537	0.310	0.491
0.278	0.585	0.437	0.034	0.597	0.547	0.352	0.485	0.352	0.499	0.251	0.489
0.000	0.235	0.561	0.000	0.384	0.396	0.017	0.481	0.265	0.266	0.566	0.487
0.263	1.000	0.678	0.048	0.559	0.499	0.460	0.203	0.575	0.506	0.291	0.486
0.189	1.000	0.630	0.936	0.644	0.607	0.062	0.207	0.856	0.438	0.067	0.483
0.000	0.247	0.590	0.000	0.417	0.363	0.362	0.169	0.279	0.381	0.735	0.483
0.101	1.000	0.563	0.000	0.467	0.524	0.982	0.143	0.521	0.658	0.241	0.482
0.509	0.775	0.532	0.000	0.661	0.627	0.494	0.273	0.436	0.594	0.259	0.482
0.102	0.603	0.451	0.000	0.480	0.481	0.342	0.431	0.351	0.435	0.344	0.482
0.159	1.000	0.599	0.000	0.548	0.498	0.410	0.142	0.533	0.485	0.385	0.477
0.649	0.066	0.490	0.000	0.424	0.468	0.175	0.602	0.185	0.356	0.385	0.471

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110115093	3.1	105.6	135	266.3	426	44%	1600	7%	69	0.425	0.319
211110109015	2.4	102.5	12	48.5	595	37%	1448	18%	210	0.593	0.288
211110126053	0.8	94.3	0	0.0	106	74%	2574	35%	302	0.106	0.513
211110126031	0.5	94.8	1	2.9	81	59%	2026	33%	371	0.081	0.403
211110125022	4.6	96.8	20	100.3	230	24%	928	17%	120	0.229	0.185
211110122063	2.4	106.7	56	132.4	506	30%	1244	21%	163	0.505	0.248
211110128023	0.2	95.0	1	2.9	211	75%	2201	30%	216	0.210	0.438
211110082022	-1.1	108.8	44	255.4	628	10%	685	10%	174	0.626	0.136
211110100044	1.6	100.8	1	6.3	721	39%	2572	0%	0	0.719	0.512
211110084001	2.0	96.7	20	185.7	246	7%	613	0%	0	0.245	0.122
211110123011	1.3	96.4	20	82.7	1242	28%	1414	1%	17	1.000	0.282
211110125023	4.7	98.5	99	286.4	177	24%	717	16%	87	0.177	0.143
211110126044	3.9	104.9	21	115.2	313	64%	2945	0%	0	0.312	0.587
211110012001	0.3	94.1	59	204.5	0	98%	2700	21%	135	0.000	0.538
211110091064	3.5	94.0	12	40.1	475	28%	898	13%	140	0.473	0.179
211110115062	3.4	108.5	21	149.4	188	27%	1714	0%	0	0.188	0.341
211110071023	1.8	93.7	76	316.3	205	46%	1582	25%	166	0.204	0.315
211110110031	4.1	103.7	37	143.8	729	29%	1096	4%	54	0.727	0.218
211110039002	1.3	91.6	91	355.1	281	37%	1401	2%	20	0.280	0.279
211110119062	6.7	92.5	71	106.8	348	23%	782	12%	71	0.347	0.156
211110064002	1.4	93.3	44	369.9	133	10%	748	0%	0	0.133	0.149
211110121053	4.8	101.4	30	122.4	134	13%	718	6%	82	0.133	0.143
211110128021	2.5	82.3	74	197.8	152	71%	1569	31%	128	0.151	0.313
211110115092	2.3	109.0	41	169.9	581	26%	1363	4%	62	0.579	0.272
211110091061	3.8	103.0	32	70.2	586	20%	743	12%	110	0.584	0.148
211110111171	0.4	102.8	0	0.0	369	34%	1891	16%	287	0.368	0.377
211110103241	2.8	111.8	10	35.9	442	46%	2023	21%	244	0.441	0.403
211110125011	0.5	95.7	4	18.0	178	52%	1657	51%	377	0.178	0.330
211110044004	-0.2	107.7	24	180.7	787	23%	1303	1%	15	0.785	0.259
211110076021	-1.4	115.2	68	194.5	464	37%	2320	8%	112	0.463	0.462
211110124091	3.6	104.1	33	158.3	174	5%	225	15%	173	0.173	0.045
211110114063	4.4	96.1	127	119.5	568	43%	1080	15%	62	0.566	0.215
211110111142	4.6	104.8	45	111.7	655	29%	1189	0%	0	0.653	0.237
211110115213	5.9	87.1	63	162.0	431	47%	1108	9%	36	0.430	0.221
211110103201	0.9	117.0	23	78.3	746	47%	2468	10%	136	0.743	0.492
211110124072	6.6	92.5	10	70.1	103	10%	477	6%	105	0.103	0.095
211110124122	5.4	96.4	46	161.2	40	17%	873	0%	0	0.040	0.174
211110115161	3.9	97.1	87	200.0	202	22%	954	9%	110	0.201	0.190
211110128011	2.7	88.3	39	39.9	46	85%	1252	27%	93	0.046	0.249
211110107022	-0.1	100.1	35	158.9	773	47%	2407	5%	59	0.771	0.479
211110121041	3.3	108.4	55	143.2	135	15%	651	17%	172	0.135	0.130
211110093003	1.2	96.6	8	48.9	312	10%	727	6%	110	0.311	0.145



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.181	0.570	0.460	0.244	0.572	0.442	0.498	0.308	0.425	0.504	0.278	0.468
0.552	0.452	0.502	0.229	0.473	0.460	0.091	0.478	0.394	0.341	0.299	0.467
0.792	0.143	0.611	0.420	0.519	0.630	0.000	0.470	0.391	0.383	0.268	0.467
0.974	0.085	0.604	0.370	0.595	0.617	0.005	0.486	0.353	0.406	0.262	0.465
0.316	0.855	0.577	0.000	0.661	0.627	0.188	0.243	0.477	0.492	0.294	0.465
0.428	0.455	0.446	0.000	0.631	0.593	0.248	0.393	0.300	0.490	0.320	0.464
0.566	0.040	0.602	0.520	0.684	0.771	0.005	0.405	0.387	0.487	0.224	0.464
0.457	0.000	0.419	0.000	0.427	0.364	0.478	0.406	0.140	0.423	0.530	0.463
0.000	0.289	0.524	0.000	0.483	0.424	0.012	0.410	0.271	0.306	0.510	0.462
0.000	0.373	0.579	0.000	0.417	0.363	0.348	0.122	0.317	0.376	0.681	0.462
0.043	0.244	0.582	0.000	0.503	0.536	0.155	0.442	0.275	0.398	0.381	0.462
0.228	0.874	0.556	0.000	0.661	0.627	0.536	0.182	0.477	0.608	0.227	0.461
0.000	0.730	0.470	0.000	0.559	0.533	0.216	0.300	0.400	0.436	0.355	0.460
0.355	0.053	0.613	0.399	0.647	0.849	0.383	0.297	0.355	0.626	0.211	0.460
0.368	0.659	0.615	0.276	0.592	0.540	0.075	0.340	0.517	0.402	0.225	0.458
0.000	0.641	0.422	0.222	0.480	0.431	0.279	0.176	0.428	0.397	0.481	0.458
0.437	0.336	0.619	0.084	0.621	0.453	0.592	0.319	0.346	0.555	0.262	0.457
0.143	0.760	0.486	0.000	0.480	0.481	0.269	0.363	0.415	0.410	0.294	0.457
0.051	0.249	0.646	0.040	0.733	0.628	0.665	0.203	0.312	0.675	0.288	0.456
0.185	1.000	0.635	0.020	0.599	0.533	0.200	0.229	0.552	0.444	0.252	0.456
0.000	0.256	0.624	0.000	0.499	0.368	0.692	0.094	0.294	0.519	0.569	0.455
0.214	0.886	0.517	0.000	0.526	0.519	0.229	0.163	0.468	0.425	0.414	0.453
0.337	0.456	0.771	0.039	0.684	0.771	0.370	0.267	0.422	0.608	0.169	0.452
0.163	0.435	0.416	0.000	0.572	0.442	0.318	0.338	0.284	0.444	0.399	0.452
0.288	0.704	0.495	0.070	0.592	0.540	0.131	0.340	0.423	0.421	0.280	0.452
0.753	0.084	0.499	0.000	0.542	0.503	0.000	0.499	0.194	0.348	0.420	0.451
0.641	0.529	0.378	0.000	0.503	0.395	0.067	0.495	0.303	0.322	0.339	0.450
0.989	0.094	0.593	0.185	0.617	0.616	0.034	0.499	0.290	0.422	0.246	0.450
0.039	0.000	0.433	0.122	0.555	0.531	0.338	0.361	0.185	0.475	0.430	0.448
0.293	0.000	0.333	0.000	0.539	0.467	0.364	0.406	0.111	0.456	0.477	0.447
0.453	0.678	0.481	0.000	0.588	0.554	0.296	0.224	0.386	0.479	0.359	0.447
0.163	0.824	0.587	0.131	0.565	0.483	0.224	0.315	0.514	0.424	0.192	0.446
0.000	0.858	0.471	0.000	0.447	0.494	0.209	0.297	0.443	0.383	0.317	0.444
0.094	1.000	0.706	0.071	0.480	0.475	0.303	0.248	0.592	0.419	0.180	0.444
0.357	0.168	0.309	0.000	0.486	0.405	0.147	0.531	0.159	0.346	0.400	0.443
0.276	1.000	0.634	0.000	0.510	0.467	0.131	0.158	0.545	0.369	0.359	0.441
0.000	1.000	0.583	0.000	0.536	0.464	0.302	0.071	0.528	0.434	0.397	0.441
0.289	0.728	0.573	0.000	0.493	0.418	0.374	0.227	0.434	0.429	0.334	0.439
0.244	0.509	0.690	0.720	0.621	0.766	0.075	0.180	0.640	0.487	0.113	0.438
0.155	0.000	0.534	0.016	0.424	0.405	0.297	0.468	0.183	0.376	0.389	0.437
0.451	0.612	0.423	0.000	0.654	0.554	0.268	0.238	0.345	0.492	0.341	0.437
0.289	0.231	0.580	0.000	0.456	0.446	0.092	0.248	0.270	0.331	0.560	0.435

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110076011	-0.6	110.5	30	179.5	501	13%	957	7%	114	0.500	0.191
211110126051	0.4	100.6	0	0.0	148	71%	3894	4%	53	0.147	0.775
211110124082	4.0	101.7	21	118.2	261	15%	630	9%	96	0.261	0.126
211110090022	-2.1	117.7	54	126.4	857	32%	1234	17%	101	0.854	0.246
211110110062	4.0	104.3	75	120.0	655	34%	578	10%	13	0.653	0.115
211110107082	2.3	96.9	27	73.6	522	40%	1870	12%	109	0.521	0.373
211110071021	1.3	97.2	61	209.0	252	30%	1333	12%	110	0.251	0.265
211110115084	2.5	111.5	85	145.3	733	58%	2197	0%	0	0.731	0.438
211110111111	3.4	109.1	16	44.9	707	19%	844	5%	81	0.705	0.168
211110115211	3.7	108.1	25	66.1	729	35%	1445	0%	0	0.726	0.288
211110100052	2.5	105.0	15	112.2	476	22%	1309	0%	0	0.474	0.261
211110110034	0.9	105.4	6	40.6	1209	13%	750	0%	0	1.000	0.149
211110070001	2.1	97.2	52	249.5	239	7%	432	4%	67	0.238	0.086
211110074001	-0.2	107.0	54	257.0	371	19%	1356	4%	52	0.370	0.270
211110111092	4.2	106.1	30	171.9	264	27%	1329	0%	0	0.263	0.265
211110038001	3.6	81.3	64	151.6	34	37%	905	10%	52	0.034	0.180
211110103193	4.6	95.0	65	133.0	472	28%	898	9%	65	0.471	0.179
211110124131	4.9	98.1	25	61.5	234	31%	1263	3%	39	0.233	0.251
211110103133	5.7	86.1	28	54.3	482	20%	807	0%	0	0.481	0.161
211110124063	5.4	99.1	5	40.4	146	9%	461	0%	0	0.146	0.092
211110126052	-1.0	102.2	1	4.5	90	74%	2653	35%	217	0.090	0.528
211110085001	-0.3	104.7	25	195.2	500	9%	718	0%	0	0.499	0.143
211110109012	2.7	106.1	19	90.6	635	27%	1201	6%	48	0.633	0.239
211110121071	2.7	107.1	32	46.1	282	9%	328	26%	236	0.281	0.065
211110124062	4.8	100.7	39	114.8	146	10%	480	2%	26	0.146	0.096
211110117072	3.2	102.8	22	99.0	489	15%	657	6%	72	0.487	0.131
211110119042	2.5	101.6	88	125.1	604	29%	526	28%	124	0.602	0.105
211110117123	3.0	97.6	40	158.0	267	21%	806	10%	115	0.266	0.161
211110003002	0.9	86.2	52	136.2	0	72%	1514	36%	147	0.000	0.302
211110121094	4.5	100.7	5	31.8	232	22%	776	13%	114	0.231	0.154
211110121081	4.8	97.7	112	188.6	76	14%	478	6%	56	0.076	0.095
211110126062	4.5	98.9	45	111.0	15	67%	2200	0%	0	0.015	0.438
211110100064	1.8	107.3	16	78.6	496	26%	1081	18%	192	0.494	0.215
211110126043	2.6	110.8	31	96.9	220	41%	1426	20%	153	0.219	0.284
211110110093	3.0	106.7	20	83.4	128	23%	1267	5%	79	0.127	0.252
211110110061	0.8	92.0	69	95.3	725	56%	902	14%	70	0.722	0.180
211110126061	0.1	98.8	0	0.0	23	72%	3480	10%	108	0.023	0.693
211110109023	0.3	109.3	20	121.6	484	22%	1265	11%	97	0.483	0.252
211110109022	-0.2	108.6	26	120.2	458	22%	1299	8%	125	0.457	0.259
211110123012	0.2	101.5	31	90.5	1026	23%	983	0%	0	1.000	0.196
211110121054	6.5	84.1	30	112.6	69	13%	413	5%	30	0.069	0.082
211110110052	2.8	113.2	12	63.3	390	31%	1271	10%	116	0.389	0.253



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.298	0.000	0.396	0.000	0.440	0.385	0.336	0.330	0.132	0.387	0.559	0.434
0.140	0.068	0.527	0.136	0.519	0.630	0.000	0.354	0.243	0.383	0.422	0.433
0.251	0.751	0.512	0.048	0.559	0.499	0.221	0.212	0.437	0.426	0.324	0.432
0.264	0.000	0.300	0.205	0.618	0.569	0.237	0.455	0.168	0.474	0.300	0.431
0.034	0.736	0.478	0.313	0.644	0.607	0.225	0.267	0.509	0.492	0.128	0.431
0.286	0.437	0.576	0.000	0.384	0.396	0.138	0.393	0.338	0.306	0.358	0.430
0.287	0.244	0.572	0.072	0.621	0.453	0.391	0.268	0.296	0.488	0.341	0.430
0.000	0.465	0.382	0.086	0.460	0.460	0.272	0.389	0.311	0.398	0.291	0.429
0.213	0.637	0.415	0.000	0.450	0.476	0.084	0.362	0.351	0.337	0.339	0.428
0.000	0.690	0.428	0.000	0.480	0.475	0.124	0.338	0.373	0.360	0.317	0.428
0.000	0.470	0.469	0.000	0.476	0.427	0.210	0.245	0.313	0.371	0.456	0.427
0.000	0.167	0.463	0.023	0.480	0.481	0.076	0.383	0.218	0.346	0.438	0.427
0.176	0.384	0.572	0.000	0.473	0.404	0.467	0.167	0.319	0.448	0.448	0.426
0.137	0.000	0.442	0.000	0.424	0.397	0.481	0.259	0.147	0.434	0.537	0.425
0.000	0.773	0.455	0.000	0.454	0.471	0.322	0.176	0.409	0.415	0.375	0.424
0.137	0.674	0.783	0.136	0.709	0.622	0.284	0.117	0.531	0.538	0.186	0.423
0.172	0.847	0.601	0.000	0.450	0.411	0.249	0.274	0.483	0.370	0.245	0.423
0.103	0.902	0.561	0.000	0.536	0.464	0.115	0.196	0.488	0.371	0.315	0.423
0.000	1.000	0.720	0.000	0.355	0.369	0.102	0.214	0.573	0.275	0.307	0.423
0.000	1.000	0.548	0.000	0.548	0.498	0.076	0.079	0.516	0.374	0.399	0.422
0.568	0.000	0.506	0.420	0.519	0.630	0.008	0.396	0.309	0.386	0.276	0.422
0.000	0.000	0.473	0.000	0.424	0.349	0.365	0.214	0.158	0.380	0.614	0.421
0.125	0.504	0.454	0.000	0.473	0.460	0.170	0.333	0.319	0.368	0.338	0.419
0.619	0.500	0.441	0.000	0.661	0.554	0.086	0.322	0.314	0.434	0.285	0.418
0.069	0.898	0.527	0.000	0.548	0.498	0.215	0.104	0.475	0.420	0.354	0.417
0.189	0.592	0.498	0.000	0.546	0.424	0.185	0.269	0.363	0.385	0.335	0.417
0.324	0.474	0.514	0.245	0.597	0.547	0.234	0.344	0.411	0.460	0.135	0.416
0.300	0.560	0.567	0.000	0.558	0.477	0.296	0.242	0.376	0.444	0.285	0.415
0.385	0.170	0.718	0.249	0.745	0.717	0.255	0.229	0.379	0.572	0.161	0.414
0.300	0.839	0.526	0.000	0.598	0.508	0.059	0.229	0.455	0.389	0.266	0.413
0.146	0.890	0.565	0.000	0.598	0.508	0.353	0.106	0.485	0.486	0.259	0.412
0.000	0.833	0.550	0.063	0.519	0.630	0.208	0.151	0.482	0.452	0.250	0.412
0.503	0.340	0.438	0.000	0.443	0.466	0.147	0.404	0.260	0.352	0.319	0.412
0.402	0.475	0.392	0.156	0.559	0.533	0.181	0.302	0.341	0.424	0.262	0.410
0.208	0.561	0.446	0.022	0.460	0.505	0.156	0.196	0.343	0.373	0.417	0.410
0.185	0.147	0.641	0.313	0.644	0.607	0.178	0.362	0.367	0.476	0.123	0.410
0.283	0.018	0.551	0.144	0.519	0.630	0.000	0.333	0.237	0.383	0.369	0.408
0.255	0.053	0.412	0.018	0.486	0.453	0.228	0.330	0.161	0.389	0.441	0.408
0.327	0.000	0.420	0.000	0.486	0.453	0.225	0.348	0.140	0.388	0.444	0.407
0.000	0.033	0.515	0.000	0.503	0.536	0.169	0.399	0.183	0.403	0.330	0.406
0.079	1.000	0.746	0.000	0.526	0.519	0.211	0.077	0.582	0.419	0.236	0.405
0.304	0.521	0.360	0.000	0.548	0.489	0.118	0.315	0.294	0.385	0.316	0.404

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110125032	3.0	102.9	31	65.2	191	15%	475	12%	133	0.190	0.095
211110124071	6.0	98.1	18	66.9	84	9%	387	6%	63	0.083	0.077
211110088003	1.4	95.7	10	80.8	167	5%	307	11%	194	0.166	0.061
211110114061	2.7	109.6	82	200.8	618	54%	1318	4%	34	0.616	0.262
211110117113	3.2	105.1	17	54.7	119	22%	1278	3%	45	0.118	0.255
211110083001	0.7	98.1	35	323.4	112	8%	582	0%	0	0.111	0.116
211110089002	0.8	106.1	64	296.3	125	6%	338	6%	120	0.125	0.067
211110103191	2.6	106.9	30	61.3	640	41%	1714	2%	20	0.638	0.341
211110059021	2.2	82.2	144	220.9	57	33%	724	14%	31	0.057	0.144
211110110092	3.6	109.5	6	36.9	98	18%	860	13%	154	0.098	0.171
211110094022	-0.3	105.4	86	307.1	15	7%	328	29%	286	0.015	0.065
211110125012	-0.3	96.5	14	34.9	273	35%	1536	11%	112	0.272	0.306
211110115132	3.0	101.5	12	43.4	295	19%	900	4%	43	0.294	0.179
211110012003	-1.6	99.4	58	87.6	0	100%	1555	21%	115	0.000	0.310
211110119074	4.6	103.6	30	81.9	299	15%	573	0%	0	0.298	0.114
211110088002	-0.2	106.0	17	142.5	205	11%	847	5%	67	0.204	0.169
211110111121	1.2	101.3	5	15.9	360	23%	1304	6%	67	0.359	0.260
211110125025	2.3	106.6	370	513.1	112	9%	171	4%	18	0.111	0.034
211110121095	1.4	111.8	58	138.0	255	22%	971	13%	124	0.255	0.193
211110115142	3.4	100.3	47	93.4	412	26%	904	3%	26	0.410	0.180
211110117131	1.0	114.4	57	176.4	356	22%	795	21%	145	0.355	0.158
211110124092	2.6	107.9	196	399.9	94	9%	226	11%	78	0.094	0.045
211110004005	-4.6	113.7	23	66.6	17	89%	1922	37%	240	0.016	0.383
211110117132	2.9	107.2	36	127.4	397	14%	446	9%	57	0.395	0.089
211110121093	2.1	106.4	3	11.8	209	7%	251	20%	259	0.209	0.050
211110119072	3.8	106.0	78	281.7	210	8%	217	10%	69	0.210	0.043
211110124093	3.4	103.8	73	232.3	117	9%	299	5%	35	0.116	0.060
211110117114	4.0	99.4	14	32.6	134	22%	976	3%	35	0.134	0.194
211110116053	4.1	96.9	40	62.0	269	20%	841	5%	25	0.268	0.168
211110117101	2.8	103.9	23	67.1	30	14%	504	20%	239	0.030	0.100
211110122043	2.1	107.1	48	137.7	444	25%	984	3%	29	0.442	0.196
211110103192	5.2	88.7	72	163.8	231	28%	494	9%	52	0.231	0.098
211110091031	5.2	83.8	88	43.3	171	35%	249	20%	35	0.171	0.050
211110120041	3.7	97.2	27	54.4	204	34%	879	4%	20	0.203	0.175
211110078004	1.1	96.4	25	180.1	221	6%	360	0%	0	0.220	0.072
211110106022	2.6	81.3	4	16.5	481	38%	786	18%	41	0.479	0.156
211110127011	3.1	96.5	259	91.1	49	61%	648	34%	70	0.048	0.129
211110083002	0.7	101.9	129	725.9	66	11%	439	6%	56	0.066	0.087
211110103203	2.4	112.7	7	20.5	512	46%	1722	9%	79	0.511	0.343
211110103231	2.5	106.8	6	16.6	274	35%	1688	3%	44	0.273	0.336
211110081002	-0.1	95.3	64	298.5	203	14%	653	1%	5	0.202	0.130
211110115083	1.9	109.9	21	30.7	568	58%	690	0%	0	0.566	0.138



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.348	0.549	0.497	0.164	0.634	0.594	0.122	0.211	0.403	0.450	0.246	0.404
0.166	1.000	0.561	0.000	0.510	0.467	0.125	0.109	0.520	0.367	0.312	0.404
0.508	0.265	0.592	0.000	0.398	0.402	0.151	0.245	0.286	0.317	0.458	0.403
0.090	0.494	0.408	0.058	0.565	0.483	0.376	0.323	0.320	0.475	0.186	0.402
0.118	0.595	0.468	0.000	0.510	0.378	0.102	0.164	0.354	0.330	0.454	0.402
0.000	0.138	0.561	0.000	0.417	0.362	0.605	0.076	0.233	0.461	0.532	0.402
0.316	0.141	0.455	0.000	0.470	0.359	0.554	0.169	0.199	0.461	0.470	0.401
0.054	0.477	0.444	0.000	0.450	0.411	0.115	0.344	0.307	0.325	0.320	0.400
0.080	0.404	0.771	0.000	0.759	0.756	0.413	0.094	0.392	0.643	0.167	0.400
0.403	0.662	0.409	0.000	0.460	0.505	0.069	0.224	0.357	0.344	0.365	0.398
0.749	0.000	0.464	0.000	0.490	0.478	0.575	0.277	0.155	0.514	0.344	0.398
0.294	0.000	0.582	0.090	0.617	0.616	0.065	0.291	0.224	0.433	0.333	0.395
0.114	0.563	0.515	0.000	0.503	0.486	0.081	0.196	0.359	0.357	0.361	0.393
0.301	0.000	0.544	0.642	0.647	0.849	0.164	0.204	0.395	0.553	0.119	0.392
0.000	0.860	0.487	0.000	0.467	0.524	0.153	0.137	0.449	0.381	0.301	0.391
0.176	0.000	0.456	0.000	0.398	0.402	0.267	0.183	0.152	0.356	0.577	0.391
0.176	0.215	0.517	0.000	0.489	0.445	0.030	0.265	0.244	0.322	0.431	0.389
0.047	0.429	0.448	0.000	0.661	0.627	0.960	0.064	0.292	0.749	0.151	0.388
0.325	0.253	0.378	0.000	0.598	0.508	0.258	0.258	0.210	0.455	0.333	0.387
0.068	0.632	0.532	0.000	0.519	0.466	0.175	0.219	0.388	0.387	0.261	0.387
0.381	0.183	0.344	0.000	0.674	0.499	0.330	0.298	0.176	0.501	0.280	0.387
0.203	0.489	0.431	0.000	0.588	0.554	0.748	0.114	0.307	0.630	0.202	0.387
0.630	0.000	0.353	0.320	0.650	0.785	0.125	0.343	0.224	0.520	0.165	0.386
0.148	0.535	0.439	0.000	0.674	0.499	0.238	0.211	0.325	0.470	0.244	0.386
0.678	0.387	0.450	0.000	0.598	0.508	0.022	0.312	0.279	0.376	0.278	0.384
0.180	0.713	0.456	0.000	0.467	0.524	0.527	0.144	0.390	0.506	0.197	0.382
0.092	0.637	0.485	0.006	0.588	0.554	0.435	0.089	0.376	0.526	0.243	0.381
0.092	0.745	0.544	0.000	0.510	0.378	0.061	0.140	0.430	0.316	0.347	0.380
0.065	0.770	0.576	0.000	0.372	0.412	0.116	0.167	0.449	0.300	0.315	0.380
0.627	0.518	0.484	0.000	0.568	0.428	0.125	0.253	0.334	0.374	0.269	0.379
0.075	0.388	0.441	0.000	0.523	0.458	0.258	0.238	0.276	0.413	0.303	0.379
0.137	0.964	0.686	0.000	0.450	0.411	0.306	0.155	0.550	0.389	0.135	0.379
0.093	0.975	0.750	0.157	0.643	0.596	0.081	0.104	0.628	0.440	0.055	0.379
0.053	0.694	0.572	0.157	0.628	0.497	0.102	0.144	0.474	0.409	0.197	0.378
0.000	0.209	0.583	0.000	0.404	0.375	0.337	0.097	0.264	0.372	0.490	0.377
0.108	0.476	0.783	0.245	0.533	0.388	0.031	0.248	0.502	0.317	0.156	0.377
0.184	0.571	0.582	0.296	0.694	0.740	0.170	0.120	0.483	0.535	0.081	0.376
0.148	0.139	0.510	0.000	0.417	0.362	1.000	0.100	0.216	0.593	0.308	0.376
0.208	0.439	0.367	0.000	0.486	0.405	0.038	0.354	0.269	0.310	0.285	0.376
0.116	0.457	0.446	0.000	0.503	0.395	0.031	0.242	0.301	0.310	0.364	0.375
0.012	0.000	0.597	0.000	0.552	0.511	0.559	0.115	0.199	0.540	0.362	0.375
0.000	0.357	0.404	0.936	0.460	0.460	0.057	0.235	0.566	0.326	0.090	0.375

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110078001	1.1	92.2	5	47.2	198	6%	321	0%	0	0.197	0.064
211110071011	3.9	79.8	220	130.6	0	34%	24	41%	4	0.000	0.005
211110076012	-0.9	111.6	14	100.6	368	11%	589	4%	57	0.366	0.117
211110115141	2.1	105.7	61	93.2	400	21%	608	6%	35	0.399	0.121
211110121074	-0.1	114.9	39	104.6	215	8%	263	31%	212	0.214	0.052
211110115133	3.1	104.7	88	116.8	179	25%	706	3%	21	0.178	0.141
211110115163	3.4	101.5	18	48.7	169	13%	444	2%	24	0.169	0.088
211110100063	-0.5	111.2	13	70.4	453	26%	937	19%	141	0.452	0.187
211110104052	2.9	109.0	13	41.2	155	14%	657	1%	16	0.154	0.131
211110113011	1.5	88.9	153	158.0	110	45%	469	16%	38	0.110	0.093
211110085002	-0.8	110.7	18	112.1	330	10%	573	5%	62	0.329	0.114
211110111131	2.1	108.8	6	17.8	536	28%	985	4%	27	0.534	0.196
211110115174	0.4	109.1	0	0.0	359	23%	1214	2%	27	0.358	0.242
211110079002	-1.3	109.5	30	185.7	203	5%	254	6%	80	0.202	0.051
211110089004	0.5	107.5	15	52.0	124	13%	863	0%	0	0.124	0.172
211110103182	1.5	113.8	25	61.5	344	21%	987	3%	34	0.343	0.197
211110117122	4.1	103.7	42	49.2	133	8%	186	9%	48	0.132	0.037
211110093004	0.3	102.8	33	223.6	198	9%	434	0%	0	0.197	0.086
211110124121	3.8	102.0	20	37.4	27	19%	633	0%	0	0.027	0.126
211110079001	-0.8	109.6	7	50.6	233	11%	651	4%	58	0.232	0.130
211110101031	0.4	105.1	15	46.6	292	18%	988	0%	0	0.291	0.197
211110100051	0.7	110.3	16	65.1	421	15%	703	0%	0	0.420	0.140
211110113012	3.0	91.6	110	64.5	86	92%	727	13%	34	0.086	0.145
211110097001	0.4	103.2	9	77.8	143	6%	380	1%	17	0.142	0.076
211110096002	1.1	101.6	55	177.0	100	12%	444	5%	71	0.100	0.088
211110094011	1.6	92.7	84	184.5	15	9%	222	19%	108	0.014	0.044
211110122031	4.6	95.9	60	114.1	57	19%	359	0%	0	0.057	0.072
211110121052	3.0	105.4	24	46.7	72	12%	376	7%	49	0.072	0.075
211110069002	1.1	103.5	15	93.2	190	17%	745	0%	0	0.190	0.148
211110119073	2.7	110.7	11	46.1	262	15%	516	0%	0	0.261	0.103
211110089001	0.8	102.9	31	217.5	103	8%	358	0%	0	0.102	0.071
211110103181	2.6	101.2	25	109.7	266	17%	500	6%	35	0.265	0.100
211110105003	0.1	106.5	2	6.9	272	13%	743	3%	31	0.271	0.148
211110117073	1.8	109.7	16	39.2	372	29%	974	0%	0	0.371	0.194
211110131001	0.5	100.9	16	80.3	140	8%	416	2%	35	0.140	0.083
211110127032	3.0	109.9	33	53.3	90	15%	463	1%	8	0.090	0.092
211110100061	0.2	110.4	22	78.0	453	15%	542	8%	82	0.451	0.108
211110108003	1.9	109.0	18	79.1	83	11%	457	5%	26	0.083	0.091
211110111143	3.1	100.9	42	94.3	311	16%	319	0%	0	0.310	0.064
211110120052	0.3	113.4	428	272.8	72	5%	69	9%	29	0.072	0.014
211110115064	2.5	112.4	27	75.4	111	19%	749	0%	0	0.111	0.149
211110104062	2.3	109.1	8	11.7	156	15%	684	0%	0	0.156	0.136



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.000	0.200	0.639	0.000	0.404	0.375	0.088	0.087	0.280	0.289	0.440	0.338
0.011	0.728	0.803	0.328	0.826	0.325	0.244	0.005	0.620	0.465	0.005	0.338
0.151	0.000	0.382	0.000	0.440	0.385	0.188	0.211	0.127	0.338	0.418	0.338
0.092	0.384	0.459	0.000	0.519	0.466	0.174	0.204	0.281	0.386	0.222	0.337
0.556	0.000	0.337	0.000	0.661	0.554	0.196	0.274	0.112	0.470	0.236	0.337
0.056	0.577	0.473	0.000	0.503	0.486	0.218	0.125	0.350	0.403	0.214	0.337
0.064	0.626	0.516	0.000	0.493	0.418	0.091	0.107	0.381	0.334	0.268	0.336
0.369	0.000	0.386	0.000	0.443	0.466	0.132	0.336	0.129	0.347	0.275	0.335
0.042	0.543	0.415	0.007	0.398	0.450	0.077	0.109	0.322	0.308	0.347	0.335
0.100	0.271	0.682	0.287	0.532	0.648	0.296	0.101	0.413	0.492	0.079	0.335
0.163	0.000	0.394	0.000	0.424	0.349	0.210	0.202	0.131	0.328	0.424	0.335
0.070	0.394	0.419	0.000	0.385	0.430	0.033	0.267	0.271	0.283	0.265	0.335
0.072	0.067	0.415	0.000	0.496	0.386	0.000	0.224	0.161	0.294	0.402	0.333
0.211	0.000	0.409	0.000	0.427	0.364	0.348	0.155	0.136	0.380	0.409	0.333
0.000	0.096	0.435	0.000	0.470	0.359	0.097	0.099	0.177	0.309	0.491	0.332
0.090	0.285	0.352	0.000	0.365	0.423	0.115	0.210	0.212	0.301	0.350	0.331
0.126	0.757	0.486	0.000	0.558	0.477	0.092	0.098	0.414	0.376	0.184	0.331
0.000	0.055	0.498	0.000	0.456	0.446	0.418	0.094	0.184	0.440	0.352	0.331
0.000	0.703	0.509	0.000	0.536	0.464	0.070	0.051	0.404	0.356	0.258	0.330
0.152	0.000	0.407	0.000	0.427	0.364	0.095	0.171	0.136	0.295	0.466	0.330
0.000	0.067	0.468	0.000	0.466	0.378	0.087	0.163	0.178	0.311	0.417	0.330
0.000	0.132	0.398	0.000	0.464	0.430	0.122	0.187	0.177	0.339	0.363	0.329
0.089	0.565	0.647	0.168	0.532	0.648	0.121	0.107	0.460	0.434	0.060	0.327
0.045	0.068	0.493	0.000	0.417	0.406	0.146	0.088	0.187	0.323	0.459	0.326
0.186	0.203	0.514	0.000	0.405	0.501	0.331	0.125	0.239	0.412	0.280	0.326
0.282	0.288	0.633	0.000	0.490	0.478	0.345	0.114	0.307	0.438	0.196	0.325
0.000	0.862	0.590	0.000	0.467	0.465	0.214	0.043	0.484	0.382	0.143	0.324
0.128	0.560	0.464	0.000	0.526	0.519	0.087	0.091	0.341	0.377	0.240	0.324
0.000	0.203	0.488	0.000	0.480	0.469	0.174	0.113	0.230	0.374	0.332	0.324
0.000	0.494	0.393	0.000	0.467	0.524	0.086	0.121	0.296	0.359	0.271	0.323
0.000	0.152	0.497	0.000	0.458	0.363	0.407	0.058	0.216	0.409	0.363	0.323
0.092	0.475	0.520	0.000	0.365	0.423	0.205	0.152	0.332	0.331	0.231	0.323
0.082	0.025	0.449	0.000	0.394	0.455	0.013	0.167	0.158	0.287	0.430	0.322
0.000	0.334	0.406	0.000	0.546	0.424	0.073	0.188	0.247	0.348	0.256	0.321
0.092	0.102	0.523	0.000	0.365	0.389	0.150	0.105	0.208	0.301	0.421	0.320
0.021	0.559	0.403	0.000	0.601	0.514	0.100	0.068	0.321	0.405	0.240	0.319
0.214	0.043	0.397	0.000	0.443	0.466	0.146	0.258	0.147	0.352	0.273	0.317
0.069	0.355	0.416	0.000	0.447	0.522	0.148	0.081	0.257	0.372	0.308	0.314
0.000	0.582	0.523	0.000	0.447	0.494	0.176	0.124	0.368	0.373	0.152	0.314
0.077	0.050	0.357	0.549	0.628	0.498	0.511	0.054	0.319	0.545	0.096	0.313
0.000	0.458	0.370	0.000	0.480	0.431	0.141	0.087	0.276	0.351	0.295	0.311
0.000	0.424	0.414	0.000	0.401	0.450	0.022	0.097	0.279	0.291	0.340	0.311

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110114031	2.7	93.8	235	238.9	15	12%	126	11%	26	0.015	0.025
211110115162	2.5	107.3	8	39.6	157	13%	455	2%	25	0.156	0.091
211110111101	2.3	113.5	13	61.4	134	10%	440	0%	0	0.134	0.088
211110121051	3.8	99.3	26	39.8	48	12%	249	6%	28	0.048	0.050
211110096001	0.5	106.8	23	127.3	138	6%	288	1%	11	0.137	0.057
211110099002	-0.2	110.5	2	10.8	439	11%	498	6%	70	0.437	0.099
211110115154	2.3	109.4	31	59.3	56	17%	638	3%	27	0.056	0.127
211110121031	3.0	111.6	87	155.5	28	7%	195	0%	0	0.028	0.039
211110115131	1.8	107.3	8	28.0	166	19%	664	4%	28	0.165	0.132
211110127033	1.7	108.9	113	155.5	54	32%	663	17%	70	0.054	0.132
211110100053	0.0	112.3	12	55.2	407	21%	910	0%	5	0.406	0.181
211110126042	1.3	101.7	10	29.6	201	24%	735	0%	0	0.201	0.146
211110103094	1.9	106.9	1	4.8	414	14%	506	0%	5	0.413	0.101
211110100081	0.7	109.2	5	25.8	532	8%	273	3%	36	0.531	0.054
211110115152	2.6	108.0	30	96.2	50	17%	542	0%	0	0.050	0.108
211110115065	3.0	104.2	17	36.9	84	27%	775	0%	0	0.084	0.154
211110111151	0.3	102.1	0	0.0	427	13%	498	3%	33	0.426	0.099
211110107081	0.2	103.2	11	47.1	468	15%	586	0%	0	0.467	0.117
211110117102	1.1	103.9	27	72.0	34	25%	992	0%	0	0.033	0.198
211110099003	1.1	99.1	4	17.4	347	9%	323	0%	4	0.346	0.064
211110103143	1.2	112.9	8	10.7	318	20%	801	5%	49	0.317	0.160
211110123021	0.4	115.6	56	123.5	131	21%	596	23%	121	0.131	0.119
211110108002	-0.6	105.9	36	122.6	79	30%	981	7%	75	0.079	0.195
211110076033	-0.8	112.6	17	110.7	321	11%	469	0%	0	0.320	0.093
211110101043	0.8	107.7	10	47.4	295	23%	906	1%	9	0.295	0.180
211110111181	0.2	103.3	0	0.0	315	24%	851	0%	0	0.314	0.169
211110091052	1.5	108.4	39	76.6	378	22%	446	4%	24	0.377	0.089
211110076032	-1.5	113.5	8	45.3	272	39%	1455	5%	45	0.271	0.290
211110111183	0.1	113.3	1	4.0	333	20%	789	0%	0	0.331	0.157
211110094012	0.0	113.0	11	29.5	25	7%	354	7%	78	0.025	0.070
211110105002	0.1	105.8	2	14.0	269	6%	281	0%	0	0.268	0.056
211110105001	-0.4	108.4	3	18.4	267	5%	270	0%	0	0.266	0.054
211110111103	2.6	111.9	12	51.0	127	10%	344	0%	0	0.126	0.069
211110121032	2.3	112.5	18	45.8	27	12%	303	13%	71	0.027	0.060
211110081001	-2.1	108.8	45	101.9	126	11%	340	19%	100	0.126	0.068
211110098002	0.1	106.2	1	3.5	54	9%	382	12%	140	0.054	0.076
211110121072	2.3	110.1	31	63.2	111	5%	78	10%	49	0.110	0.015
211110109011	-0.3	104.9	19	77.5	430	22%	644	0%	0	0.428	0.128
211110004001	-4.2	112.2	20	54.5	14	28%	518	13%	44	0.014	0.103
211110117133	0.8	114.5	22	52.0	189	38%	688	16%	73	0.188	0.137
211110103232	2.6	108.7	12	27.0	238	35%	717	4%	16	0.237	0.143
211110104082	0.9	111.2	9	21.3	153	20%	843	0%	0	0.153	0.168



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.069	0.511	0.618	0.000	0.558	0.543	0.447	0.037	0.376	0.516	0.078	0.311
0.065	0.460	0.438	0.000	0.493	0.418	0.074	0.104	0.299	0.329	0.275	0.311
0.000	0.435	0.356	0.000	0.450	0.426	0.115	0.074	0.263	0.330	0.337	0.310
0.072	0.699	0.545	0.000	0.526	0.519	0.074	0.057	0.415	0.373	0.158	0.309
0.029	0.097	0.445	0.000	0.390	0.471	0.238	0.074	0.181	0.366	0.379	0.309
0.185	0.000	0.395	0.000	0.411	0.419	0.020	0.240	0.132	0.284	0.343	0.308
0.070	0.433	0.410	0.000	0.493	0.450	0.111	0.084	0.281	0.352	0.279	0.307
0.000	0.556	0.382	0.000	0.559	0.533	0.291	0.022	0.313	0.461	0.199	0.307
0.073	0.334	0.438	0.000	0.503	0.486	0.052	0.124	0.257	0.347	0.266	0.307
0.184	0.319	0.418	0.000	0.601	0.514	0.291	0.123	0.245	0.469	0.155	0.306
0.012	0.003	0.372	0.000	0.480	0.425	0.103	0.200	0.125	0.336	0.330	0.306
0.000	0.244	0.512	0.000	0.559	0.533	0.055	0.116	0.252	0.382	0.236	0.304
0.013	0.361	0.444	0.000	0.345	0.438	0.009	0.175	0.268	0.264	0.278	0.304
0.095	0.132	0.413	0.000	0.424	0.468	0.048	0.227	0.182	0.313	0.264	0.304
0.000	0.485	0.429	0.000	0.493	0.450	0.180	0.053	0.305	0.375	0.246	0.302
0.000	0.562	0.480	0.000	0.480	0.431	0.069	0.079	0.347	0.327	0.221	0.301
0.085	0.054	0.507	0.000	0.444	0.442	0.000	0.203	0.187	0.295	0.287	0.300
0.000	0.033	0.492	0.000	0.384	0.396	0.088	0.195	0.175	0.290	0.309	0.299
0.000	0.199	0.483	0.000	0.568	0.428	0.135	0.077	0.228	0.377	0.284	0.298
0.011	0.205	0.547	0.000	0.411	0.419	0.033	0.140	0.251	0.288	0.285	0.298
0.130	0.222	0.365	0.000	0.401	0.342	0.020	0.202	0.196	0.254	0.310	0.297
0.318	0.072	0.328	0.000	0.552	0.494	0.231	0.189	0.133	0.426	0.212	0.296
0.197	0.000	0.457	0.000	0.447	0.522	0.229	0.157	0.152	0.399	0.249	0.295
0.000	0.000	0.368	0.000	0.477	0.394	0.207	0.138	0.123	0.359	0.336	0.295
0.025	0.141	0.433	0.000	0.448	0.353	0.089	0.167	0.191	0.296	0.300	0.294
0.000	0.032	0.491	0.000	0.542	0.503	0.000	0.161	0.174	0.348	0.269	0.294
0.062	0.279	0.424	0.000	0.549	0.467	0.143	0.176	0.234	0.386	0.156	0.294
0.119	0.000	0.356	0.000	0.477	0.394	0.085	0.226	0.119	0.318	0.285	0.293
0.000	0.024	0.359	0.000	0.542	0.503	0.008	0.163	0.127	0.351	0.307	0.293
0.204	0.000	0.362	0.000	0.489	0.477	0.055	0.100	0.121	0.340	0.386	0.292
0.000	0.022	0.459	0.000	0.394	0.455	0.026	0.108	0.160	0.292	0.384	0.291
0.000	0.000	0.424	0.000	0.394	0.455	0.034	0.107	0.141	0.295	0.398	0.290
0.000	0.486	0.378	0.000	0.450	0.426	0.095	0.065	0.288	0.324	0.263	0.290
0.187	0.425	0.369	0.000	0.559	0.533	0.086	0.091	0.265	0.392	0.190	0.290
0.261	0.000	0.418	0.000	0.552	0.511	0.191	0.151	0.139	0.418	0.230	0.290
0.367	0.018	0.453	0.000	0.391	0.414	0.007	0.166	0.157	0.271	0.336	0.287
0.128	0.436	0.402	0.000	0.661	0.554	0.118	0.085	0.279	0.444	0.119	0.286
0.000	0.000	0.471	0.000	0.473	0.460	0.145	0.186	0.157	0.359	0.224	0.286
0.114	0.000	0.374	0.175	0.650	0.785	0.102	0.077	0.183	0.513	0.142	0.282
0.192	0.144	0.343	0.044	0.674	0.499	0.097	0.172	0.177	0.423	0.139	0.281
0.041	0.479	0.420	0.000	0.503	0.395	0.050	0.140	0.300	0.316	0.155	0.281
0.000	0.175	0.386	0.000	0.391	0.435	0.040	0.107	0.187	0.289	0.327	0.281

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110123022	-0.3	120.9	99	99.3	104	27%	770	8%	38	0.104	0.153
211110101042	0.2	107.6	12	38.4	308	23%	867	1%	10	0.307	0.173
211110111104	-0.7	110.0	0	0.0	146	19%	917	0%	0	0.146	0.183
211110108001	-0.5	111.3	10	35.4	102	14%	619	0%	0	0.102	0.123
211110103152	2.3	103.4	52	67.2	167	22%	490	11%	40	0.167	0.098
211110097004	0.3	103.6	2	14.5	107	6%	291	1%	15	0.107	0.058
211110111184	-1.1	111.2	4	9.9	293	17%	592	0%	0	0.292	0.118
211110115151	2.3	108.5	2	5.9	41	11%	331	4%	33	0.041	0.066
211110096004	-0.8	119.1	9	50.5	126	3%	135	9%	90	0.125	0.027
211110078003	-0.2	105.3	0	0.0	183	6%	286	0%	0	0.183	0.057
211110111172	0.2	103.6	0	0.0	256	20%	592	0%	0	0.255	0.118
211110115063	1.0	118.0	15	41.5	69	22%	628	21%	122	0.069	0.125
211110115202	1.5	113.2	19	24.5	52	13%	554	2%	19	0.052	0.110
211110100074	2.6	108.9	5	14.2	231	14%	340	2%	17	0.230	0.068
211110108004	0.8	103.9	4	18.0	72	12%	397	4%	27	0.072	0.079
211110111113	-0.1	113.2	51	72.0	407	23%	648	0%	1	0.405	0.129
211110107063	0.4	107.5	22	63.1	49	20%	823	0%	0	0.049	0.164
211110116051	2.6	108.1	18	35.0	172	20%	438	5%	27	0.171	0.087
211110117061	2.4	110.8	19	31.6	180	11%	224	1%	3	0.179	0.045
211110107061	1.2	108.2	10	50.3	63	11%	433	0%	0	0.063	0.086
211110124074	2.9	105.3	45	42.8	40	30%	504	0%	0	0.040	0.100
211110107012	0.7	100.7	40	83.1	321	13%	355	0%	0	0.320	0.071
211110121092	0.5	114.1	21	67.3	159	7%	163	7%	61	0.158	0.033
211110107023	0.3	109.8	16	18.9	463	7%	189	4%	30	0.462	0.038
211110115175	0.6	118.4	3	12.6	269	18%	642	2%	21	0.268	0.128
211110101032	-0.8	111.4	3	16.8	202	21%	727	5%	67	0.201	0.145
211110115091	1.3	117.9	39	66.0	167	44%	682	20%	71	0.166	0.136
211110117111	1.9	106.3	85	105.1	50	13%	289	0%	0	0.050	0.058
211110103141	4.4	97.3	92	40.2	87	28%	206	0%	0	0.087	0.041
211110077001	-1.8	108.4	63	92.0	139	25%	665	13%	89	0.138	0.132
211110111152	0.7	93.2	11	18.4	259	8%	181	1%	10	0.258	0.036
211110099001	0.2	104.0	7	18.6	270	7%	218	6%	43	0.270	0.044
211110083003	-1.6	112.5	22	84.1	58	11%	424	6%	38	0.057	0.084
211110093002	-1.0	114.8	18	81.0	159	6%	225	0%	0	0.159	0.045
211110115222	2.2	108.0	11	19.3	111	11%	212	0%	4	0.110	0.042
211110126045	-0.5	108.2	13	33.0	122	22%	439	10%	46	0.121	0.088
211110111106	-0.9	108.8	0	0.0	128	10%	416	0%	0	0.128	0.083
211110096003	0.1	112.5	19	41.3	106	9%	352	2%	20	0.105	0.070
211110097002	0.3	103.3	17	93.0	80	8%	279	0%	0	0.080	0.056
211110104053	1.0	111.8	7	14.3	101	25%	813	0%	0	0.101	0.162
211110097003	-0.2	107.4	8	43.6	82	8%	316	0%	0	0.082	0.063
211110111102	-1.3	114.1	0	0.0	133	23%	893	0%	0	0.132	0.178



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.100	0.000	0.258	0.211	0.552	0.494	0.186	0.119	0.156	0.411	0.214	0.278
0.025	0.030	0.434	0.000	0.448	0.353	0.072	0.168	0.155	0.291	0.285	0.277
0.000	0.000	0.402	0.000	0.450	0.426	0.000	0.109	0.134	0.292	0.363	0.277
0.000	0.000	0.386	0.000	0.447	0.522	0.066	0.075	0.129	0.345	0.350	0.277
0.105	0.421	0.490	0.000	0.410	0.364	0.126	0.123	0.304	0.300	0.169	0.277
0.038	0.047	0.487	0.000	0.417	0.406	0.027	0.068	0.178	0.283	0.364	0.276
0.000	0.000	0.387	0.000	0.542	0.503	0.019	0.137	0.129	0.355	0.271	0.275
0.085	0.426	0.423	0.000	0.493	0.450	0.011	0.064	0.283	0.318	0.224	0.275
0.235	0.000	0.282	0.000	0.405	0.501	0.095	0.129	0.094	0.333	0.330	0.274
0.000	0.000	0.465	0.000	0.404	0.375	0.000	0.080	0.155	0.260	0.385	0.272
0.000	0.037	0.487	0.000	0.542	0.503	0.000	0.124	0.175	0.348	0.230	0.271
0.319	0.182	0.296	0.000	0.480	0.431	0.078	0.171	0.159	0.330	0.216	0.270
0.051	0.271	0.360	0.000	0.395	0.404	0.046	0.071	0.211	0.281	0.313	0.270
0.045	0.484	0.417	0.000	0.345	0.462	0.027	0.114	0.300	0.278	0.183	0.270
0.071	0.141	0.484	0.000	0.447	0.522	0.034	0.074	0.208	0.334	0.259	0.270
0.004	0.000	0.360	0.000	0.450	0.476	0.135	0.179	0.120	0.354	0.216	0.268
0.000	0.079	0.436	0.000	0.365	0.448	0.118	0.071	0.172	0.310	0.313	0.267
0.071	0.488	0.427	0.000	0.372	0.412	0.066	0.110	0.305	0.283	0.164	0.266
0.009	0.447	0.392	0.000	0.444	0.519	0.059	0.077	0.280	0.341	0.164	0.266
0.000	0.215	0.426	0.000	0.365	0.448	0.094	0.050	0.213	0.302	0.294	0.265
0.000	0.534	0.464	0.000	0.510	0.467	0.080	0.047	0.333	0.352	0.127	0.265
0.000	0.130	0.526	0.000	0.332	0.423	0.156	0.130	0.219	0.303	0.206	0.265
0.160	0.089	0.348	0.000	0.598	0.508	0.126	0.117	0.146	0.411	0.183	0.264
0.077	0.056	0.405	0.000	0.424	0.405	0.035	0.192	0.154	0.288	0.221	0.264
0.055	0.118	0.292	0.000	0.496	0.386	0.024	0.150	0.137	0.302	0.263	0.263
0.176	0.000	0.384	0.000	0.466	0.378	0.031	0.174	0.128	0.292	0.255	0.262
0.186	0.250	0.298	0.000	0.572	0.442	0.123	0.163	0.183	0.379	0.118	0.260
0.000	0.357	0.451	0.000	0.510	0.378	0.197	0.036	0.269	0.361	0.175	0.260
0.000	0.820	0.572	0.000	0.401	0.342	0.075	0.043	0.464	0.273	0.056	0.258
0.234	0.000	0.424	0.000	0.362	0.446	0.172	0.168	0.141	0.327	0.196	0.257
0.026	0.133	0.625	0.000	0.444	0.442	0.035	0.107	0.253	0.307	0.166	0.257
0.112	0.038	0.483	0.000	0.411	0.419	0.035	0.142	0.173	0.289	0.228	0.256
0.100	0.000	0.369	0.000	0.417	0.362	0.157	0.081	0.123	0.312	0.310	0.255
0.000	0.000	0.339	0.000	0.456	0.446	0.152	0.068	0.113	0.351	0.293	0.255
0.009	0.417	0.429	0.000	0.480	0.475	0.036	0.054	0.282	0.330	0.153	0.253
0.120	0.000	0.426	0.090	0.559	0.533	0.062	0.110	0.172	0.385	0.152	0.252
0.000	0.000	0.418	0.000	0.450	0.426	0.000	0.070	0.139	0.292	0.316	0.252
0.051	0.016	0.369	0.000	0.405	0.501	0.077	0.076	0.128	0.328	0.285	0.252
0.000	0.049	0.491	0.000	0.417	0.406	0.174	0.045	0.180	0.332	0.258	0.252
0.000	0.181	0.379	0.000	0.398	0.450	0.027	0.088	0.186	0.292	0.245	0.250
0.000	0.000	0.437	0.000	0.417	0.406	0.082	0.048	0.146	0.302	0.314	0.250
0.000	0.000	0.349	0.000	0.450	0.426	0.000	0.103	0.116	0.292	0.297	0.249

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110120012	0.0	120.2	54	51.7	93	8%	113	27%	112	0.092	0.023
211110103185	1.7	107.0	77	139.8	117	17%	265	5%	24	0.116	0.053
211110078002	0.5	97.8	20	66.6	96	4%	103	3%	23	0.096	0.021
211110111105	-0.7	110.7	0	0.0	119	19%	707	0%	0	0.119	0.141
211110117112	2.2	107.0	11	22.2	42	8%	137	9%	30	0.042	0.027
211110101041	-1.2	106.7	1	3.6	291	15%	473	0%	0	0.290	0.094
211110120051	0.8	112.9	54	44.0	82	22%	311	11%	36	0.082	0.062
211110106011	0.7	95.1	3	4.7	173	16%	378	2%	11	0.172	0.075
211110127031	1.8	106.7	126	77.2	21	17%	138	6%	15	0.021	0.028
211110124132	0.6	116.6	68	86.1	108	22%	428	7%	30	0.107	0.085
211110117075	0.1	112.2	17	34.4	200	16%	291	18%	81	0.199	0.058
211110107071	0.3	102.3	4	5.3	342	13%	300	0%	0	0.341	0.060
211110117083	1.7	106.3	18	23.6	83	22%	372	2%	13	0.083	0.074
211110074002	-1.2	104.6	142	97.4	38	14%	129	0%	0	0.038	0.026
211110088001	-1.7	113.2	18	60.6	101	7%	266	2%	10	0.100	0.053
211110117081	0.2	112.6	19	18.6	104	22%	487	11%	77	0.104	0.097
211110101023	1.0	117.2	14	26.3	104	12%	376	0%	0	0.104	0.075
211110100073	0.0	115.2	16	26.8	260	12%	347	3%	28	0.259	0.069
211110127022	0.1	115.9	29	28.5	13	20%	172	21%	43	0.013	0.034
211110107015	-0.4	111.1	27	63.3	250	35%	795	2%	9	0.249	0.158
211110100013	0.2	105.4	7	19.2	129	9%	234	5%	38	0.128	0.047
211110120033	-0.5	112.1	26	67.5	16	15%	314	15%	62	0.016	0.063
211110098001	-1.4	113.6	0	0.0	49	6%	247	0%	0	0.049	0.049
211110100054	-2.0	118.4	6	12.5	210	22%	587	2%	13	0.209	0.117
211110115081	0.1	116.9	35	32.8	343	19%	315	0%	0	0.342	0.063
211110117062	1.2	112.5	18	22.0	134	10%	175	2%	9	0.134	0.035
211110122033	0.1	116.2	27	39.2	85	11%	265	6%	52	0.085	0.053
211110103183	-0.2	120.2	3	8.6	244	21%	639	3%	17	0.244	0.127
211110098003	-0.1	115.7	9	52.4	47	2%	76	0%	0	0.047	0.015
211110115181	0.9	116.9	14	17.1	111	11%	339	1%	9	0.111	0.067
211110116031	1.4	108.7	10	7.9	40	11%	223	0%	0	0.040	0.044
211110088004	-1.7	115.1	9	29.6	89	5%	151	5%	46	0.089	0.030
211110122032	1.2	105.4	22	33.5	47	7%	108	0%	0	0.047	0.022
211110104071	-0.1	108.7	0	0.0	136	11%	257	6%	52	0.136	0.051
211110101021	0.1	113.9	14	42.6	103	8%	234	1%	12	0.103	0.047
211110104081	0.8	109.8	21	28.0	87	9%	203	1%	4	0.087	0.040
211110101022	1.8	103.3	50	35.1	37	11%	140	2%	8	0.037	0.028
211110122042	-0.7	122.6	36	31.4	138	23%	411	11%	56	0.138	0.082
211110100072	-0.7	119.0	3	7.8	234	10%	246	5%	29	0.233	0.049
211110127034	1.2	102.3	55	18.9	12	32%	129	17%	16	0.012	0.026
211110103184	-0.1	118.6	5	10.6	202	18%	442	5%	32	0.201	0.088
211110101034	-1.2	115.9	11	30.8	123	25%	560	8%	31	0.123	0.112



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.294	0.000	0.268	0.000	0.674	0.625	0.097	0.136	0.089	0.465	0.108	0.246
0.062	0.324	0.443	0.000	0.365	0.423	0.262	0.077	0.256	0.350	0.115	0.246
0.061	0.094	0.564	0.000	0.404	0.375	0.125	0.059	0.219	0.301	0.209	0.244
0.000	0.000	0.393	0.000	0.450	0.426	0.000	0.086	0.131	0.292	0.279	0.243
0.079	0.416	0.442	0.000	0.510	0.378	0.042	0.050	0.286	0.310	0.138	0.242
0.000	0.000	0.447	0.000	0.448	0.353	0.007	0.128	0.149	0.269	0.237	0.242
0.094	0.150	0.364	0.070	0.628	0.497	0.082	0.079	0.194	0.403	0.106	0.241
0.029	0.136	0.601	0.000	0.377	0.388	0.009	0.092	0.246	0.258	0.180	0.239
0.040	0.338	0.447	0.000	0.601	0.514	0.144	0.030	0.261	0.420	0.061	0.238
0.080	0.113	0.314	0.000	0.536	0.464	0.161	0.091	0.142	0.387	0.150	0.237
0.212	0.017	0.373	0.000	0.546	0.424	0.064	0.156	0.130	0.345	0.134	0.236
0.000	0.061	0.505	0.000	0.384	0.396	0.010	0.134	0.189	0.264	0.179	0.236
0.034	0.310	0.451	0.000	0.473	0.426	0.044	0.064	0.254	0.315	0.131	0.235
0.000	0.000	0.474	0.533	0.424	0.397	0.182	0.021	0.336	0.334	0.070	0.235
0.027	0.000	0.360	0.000	0.398	0.402	0.113	0.060	0.120	0.304	0.275	0.234
0.202	0.045	0.367	0.000	0.473	0.426	0.035	0.134	0.138	0.311	0.167	0.232
0.000	0.194	0.307	0.000	0.358	0.443	0.049	0.060	0.167	0.284	0.236	0.230
0.075	0.000	0.333	0.000	0.345	0.462	0.050	0.134	0.111	0.286	0.214	0.230
0.113	0.017	0.325	0.296	0.624	0.549	0.053	0.054	0.213	0.409	0.065	0.228
0.025	0.000	0.388	0.000	0.332	0.423	0.118	0.144	0.129	0.291	0.174	0.228
0.101	0.043	0.463	0.000	0.342	0.457	0.036	0.092	0.169	0.278	0.196	0.227
0.163	0.000	0.375	0.000	0.529	0.464	0.126	0.081	0.125	0.373	0.155	0.226
0.000	0.000	0.355	0.000	0.391	0.414	0.000	0.033	0.118	0.268	0.313	0.226
0.033	0.000	0.291	0.000	0.480	0.425	0.023	0.120	0.097	0.310	0.205	0.226
0.000	0.023	0.311	0.086	0.460	0.460	0.061	0.135	0.140	0.327	0.124	0.224
0.022	0.224	0.370	0.000	0.444	0.519	0.041	0.064	0.198	0.335	0.129	0.224
0.137	0.013	0.320	0.000	0.467	0.465	0.073	0.091	0.111	0.335	0.186	0.223
0.045	0.000	0.267	0.000	0.365	0.423	0.016	0.139	0.089	0.268	0.227	0.223
0.000	0.000	0.327	0.000	0.391	0.414	0.098	0.021	0.109	0.301	0.292	0.223
0.022	0.167	0.311	0.000	0.401	0.364	0.032	0.067	0.159	0.266	0.225	0.221
0.000	0.256	0.420	0.000	0.447	0.469	0.015	0.028	0.226	0.310	0.149	0.220
0.121	0.000	0.334	0.000	0.366	0.396	0.055	0.080	0.111	0.272	0.245	0.219
0.000	0.216	0.463	0.000	0.467	0.465	0.063	0.023	0.226	0.332	0.117	0.215
0.137	0.000	0.420	0.000	0.391	0.435	0.000	0.108	0.140	0.275	0.172	0.215
0.032	0.023	0.351	0.000	0.358	0.443	0.080	0.060	0.124	0.294	0.213	0.214
0.010	0.158	0.406	0.000	0.391	0.435	0.052	0.046	0.188	0.293	0.165	0.213
0.020	0.335	0.491	0.000	0.358	0.443	0.066	0.028	0.275	0.289	0.098	0.213
0.146	0.000	0.235	0.000	0.523	0.458	0.059	0.122	0.078	0.346	0.138	0.211
0.075	0.000	0.284	0.000	0.345	0.462	0.015	0.119	0.095	0.274	0.197	0.211
0.042	0.225	0.505	0.000	0.601	0.514	0.035	0.026	0.243	0.384	0.030	0.211
0.084	0.000	0.288	0.000	0.365	0.423	0.020	0.124	0.096	0.269	0.193	0.211
0.081	0.000	0.324	0.000	0.466	0.378	0.058	0.105	0.108	0.301	0.165	0.210

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110100014	0.0	115.1	3	9.9	135	9%	235	6%	36	0.134	0.047
211110087003	-1.9	115.5	8	24.1	120	7%	184	4%	30	0.120	0.037
211110103163	1.2	105.4	74	49.1	90	19%	258	0%	0	0.089	0.051
211110087002	-1.3	112.5	11	21.6	98	5%	110	11%	76	0.098	0.022
211110100071	-0.2	119.5	3	12.8	234	11%	286	1%	9	0.234	0.057
211110120034	-0.8	115.3	21	33.2	11	17%	242	27%	81	0.011	0.048
211110094023	-1.3	112.9	22	47.3	6	8%	178	0%	0	0.006	0.036
211110104063	1.9	109.1	79	43.0	21	37%	211	23%	20	0.021	0.042
211110115192	0.8	110.6	16	13.8	46	18%	270	4%	20	0.046	0.054
211110105004	1.2	107.4	15	25.0	48	13%	145	3%	7	0.048	0.029
211110104064	0.2	100.3	13	6.8	45	37%	382	23%	43	0.045	0.076
211110104072	-0.7	112.3	12	9.4	114	12%	244	5%	17	0.114	0.049
211110103172	-1.3	121.5	2	5.4	159	13%	342	1%	11	0.158	0.068
211110103093	0.8	116.4	8	14.9	155	14%	241	1%	4	0.155	0.048
211110100011	-0.3	118.9	8	10.7	128	6%	150	2%	19	0.128	0.030
211110117084	-0.4	103.2	13	15.8	62	22%	286	3%	11	0.061	0.057
211110117074	-0.5	113.7	6	8.5	111	16%	151	19%	57	0.111	0.030
211110107014	-2.2	102.8	194	180.1	52	19%	137	0%	0	0.051	0.027
211110082021	-3.6	121.3	34	57.7	129	16%	258	17%	54	0.128	0.051
211110121043	-1.0	123.2	35	28.0	26	15%	124	17%	35	0.026	0.025
211110107013	-0.8	111.8	3	3.7	192	12%	223	0%	0	0.191	0.044
211110103161	-0.3	116.6	17	15.5	127	13%	274	3%	16	0.127	0.054
211110100012	-1.7	122.4	2	5.0	124	5%	130	2%	10	0.123	0.026
211110104031	0.7	120.5	21	18.5	88	23%	361	2%	11	0.087	0.072
211110121042	-0.3	110.4	48	12.6	13	13%	53	8%	7	0.013	0.011
211110075021	-0.4	120.1	3	5.5	127	10%	205	1%	6	0.126	0.041
211110111091	-0.7	120.8	12	15.8	96	22%	358	1%	7	0.096	0.071
211110127021	-1.0	119.7	44	25.4	11	24%	148	15%	28	0.011	0.030
211110094021	-0.8	112.4	35	46.8	5	7%	94	0%	0	0.005	0.019
211110100082	-1.1	121.9	24	19.9	181	15%	189	8%	19	0.180	0.038
211110103173	-0.1	116.9	12	12.9	128	13%	241	1%	6	0.127	0.048
211110122041	-1.0	122.2	53	41.7	77	23%	214	12%	31	0.077	0.043
211110103171	0.3	121.4	14	13.1	129	12%	221	1%	8	0.129	0.044
211110115193	-1.4	123.3	8	8.7	37	18%	335	5%	23	0.037	0.067
211110093001	-2.0	116.8	41	34.6	55	15%	197	0%	0	0.055	0.039
211110121073	-1.0	116.8	18	8.3	27	7%	24	11%	6	0.027	0.005
211110117082	0.1	111.8	7	9.0	72	22%	217	2%	6	0.071	0.043
211110103121	0.0	121.4	0	0.0	259	13%	205	0%	0	0.258	0.041
211110104032	-0.6	122.0	105	94.2	66	17%	232	0%	1	0.066	0.046
211110045003	-5.9	133.9	60	46.8	42	33%	166	12%	21	0.042	0.033
211110107062	-0.1	110.5	7	8.9	24	7%	114	0%	0	0.024	0.023
211110111161	0.0	96.2	7	2.2	36	23%	89	0%	0	0.036	0.018



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.096	0.007	0.334	0.000	0.342	0.457	0.019	0.092	0.114	0.273	0.200	0.209
0.079	0.000	0.330	0.000	0.375	0.414	0.045	0.079	0.110	0.278	0.211	0.209
0.000	0.226	0.463	0.000	0.374	0.416	0.092	0.047	0.230	0.294	0.105	0.208
0.201	0.000	0.370	0.000	0.375	0.414	0.040	0.107	0.123	0.276	0.165	0.207
0.022	0.000	0.276	0.000	0.345	0.462	0.024	0.104	0.092	0.277	0.193	0.206
0.212	0.000	0.332	0.000	0.529	0.464	0.062	0.090	0.111	0.351	0.109	0.204
0.000	0.000	0.364	0.000	0.490	0.478	0.089	0.014	0.121	0.352	0.162	0.201
0.051	0.356	0.414	0.000	0.401	0.450	0.080	0.038	0.257	0.310	0.043	0.200
0.052	0.151	0.395	0.000	0.483	0.379	0.026	0.051	0.182	0.296	0.114	0.198
0.017	0.224	0.437	0.000	0.394	0.455	0.047	0.032	0.220	0.299	0.082	0.195
0.113	0.042	0.532	0.000	0.401	0.450	0.013	0.078	0.191	0.288	0.074	0.195
0.043	0.000	0.371	0.000	0.391	0.435	0.018	0.069	0.124	0.281	0.156	0.194
0.028	0.000	0.250	0.000	0.351	0.407	0.010	0.085	0.083	0.256	0.204	0.194
0.010	0.146	0.318	0.000	0.345	0.438	0.028	0.071	0.155	0.270	0.131	0.193
0.049	0.000	0.284	0.000	0.342	0.457	0.020	0.069	0.095	0.273	0.187	0.192
0.029	0.000	0.493	0.000	0.473	0.426	0.030	0.049	0.164	0.310	0.096	0.191
0.149	0.000	0.354	0.000	0.546	0.424	0.016	0.097	0.118	0.329	0.070	0.189
0.000	0.000	0.498	0.000	0.332	0.423	0.337	0.026	0.166	0.364	0.056	0.189
0.142	0.000	0.252	0.000	0.427	0.365	0.108	0.107	0.084	0.300	0.119	0.188
0.092	0.000	0.227	0.000	0.654	0.554	0.052	0.048	0.076	0.420	0.064	0.187
0.000	0.000	0.379	0.000	0.332	0.423	0.007	0.079	0.126	0.254	0.145	0.186
0.043	0.000	0.315	0.000	0.374	0.416	0.029	0.075	0.105	0.273	0.150	0.186
0.026	0.000	0.237	0.000	0.342	0.457	0.009	0.058	0.079	0.269	0.192	0.185
0.028	0.139	0.264	0.000	0.358	0.438	0.035	0.062	0.134	0.277	0.119	0.183
0.019	0.000	0.397	0.000	0.654	0.554	0.024	0.014	0.132	0.411	0.031	0.182
0.015	0.000	0.269	0.000	0.332	0.478	0.010	0.061	0.090	0.273	0.165	0.182
0.017	0.000	0.259	0.000	0.454	0.471	0.030	0.061	0.086	0.318	0.122	0.181
0.074	0.000	0.273	0.005	0.624	0.549	0.048	0.038	0.093	0.407	0.047	0.180
0.000	0.000	0.370	0.000	0.490	0.478	0.088	0.008	0.123	0.352	0.096	0.179
0.050	0.000	0.245	0.000	0.424	0.468	0.037	0.089	0.082	0.310	0.095	0.178
0.017	0.000	0.311	0.000	0.351	0.407	0.024	0.064	0.104	0.261	0.144	0.177
0.082	0.000	0.241	0.000	0.523	0.458	0.078	0.067	0.080	0.353	0.071	0.176
0.022	0.064	0.251	0.000	0.351	0.407	0.024	0.065	0.105	0.261	0.135	0.175
0.060	0.000	0.226	0.000	0.483	0.379	0.016	0.054	0.075	0.293	0.138	0.173
0.000	0.000	0.313	0.000	0.456	0.446	0.065	0.031	0.104	0.322	0.100	0.172
0.017	0.000	0.312	0.000	0.661	0.554	0.016	0.016	0.104	0.410	0.026	0.172
0.017	0.017	0.378	0.000	0.473	0.426	0.017	0.044	0.132	0.305	0.075	0.172
0.000	0.000	0.251	0.000	0.312	0.434	0.000	0.100	0.084	0.249	0.121	0.171
0.002	0.000	0.243	0.000	0.365	0.440	0.176	0.038	0.081	0.327	0.106	0.170
0.055	0.000	0.085	0.000	0.618	0.600	0.088	0.044	0.028	0.435	0.039	0.168
0.000	0.000	0.396	0.000	0.365	0.448	0.017	0.016	0.132	0.277	0.119	0.168
0.000	0.000	0.585	0.000	0.444	0.442	0.004	0.018	0.195	0.297	0.030	0.166

(CONTINUED) FIGURE 68. Community Need Score for Census Block Groups

Census Tract ID	DATA ANALYSIS									HISTORICAL INEQUITIES BASE SCORES	
	Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile	Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile
211110121033	-0.5	121.6	69	37.3	11	7%	53	3%	4	0.011	0.011
211110115203	1.2	115.2	6	10.6	39	13%	100	2%	5	0.039	0.020
211110103134	-0.4	121.4	6	12.1	126	20%	334	0%	0	0.126	0.067
211110103212	-0.5	113.8	24	12.4	62	17%	235	0%	0	0.062	0.047
211110115173	-0.6	124.7	9	8.7	106	18%	226	2%	7	0.105	0.045
211110117094	-1.1	110.3	21	10.3	26	11%	82	1%	2	0.026	0.016
211110120011	-2.7	133.0	55	9.4	22	5%	16	13%	10	0.022	0.003
211110103151	-0.2	112.4	11	5.3	98	20%	224	0%	0	0.098	0.045
211110116033	0.1	111.6	9	6.8	18	14%	101	0%	0	0.018	0.020
211110103162	-2.6	121.2	2	3.9	97	19%	262	0%	0	0.097	0.052
211110075012	0.1	125.1	5	5.3	86	11%	187	1%	5	0.086	0.037
211110116052	-1.3	120.6	24	12.2	81	22%	270	2%	8	0.081	0.054
211110122034	-0.9	121.8	55	21.4	33	11%	105	0%	0	0.033	0.021
211110117093	-0.2	112.2	10	5.4	22	11%	72	1%	3	0.022	0.014
211110087004	-4.4	125.3	53	41.0	50	15%	161	16%	38	0.049	0.032
211110117092	-1.3	109.4	14	5.2	21	5%	27	2%	3	0.021	0.005
211110103222	-0.3	113.3	12	7.3	91	18%	167	0%	0	0.091	0.033
211110111163	-0.1	112.6	32	9.6	34	16%	53	4%	5	0.034	0.011
211110111162	-1.0	125.2	1	0.6	61	16%	140	4%	9	0.061	0.028
211110075011	-0.1	126.5	3	2.1	75	4%	62	2%	10	0.074	0.012
211110117091	-1.5	115.8	11	3.5	13	5%	19	2%	2	0.013	0.004
211110104061	0.1	130.4	1	1.5	52	8%	85	3%	9	0.051	0.017
211110087001	-1.6	113.2	8	7.4	22	8%	41	0%	0	0.022	0.008
211110075023	-0.8	120.0	11	3.6	38	26%	169	1%	2	0.038	0.034
211110075013	-1.0	126.3	16	6.5	56	6%	60	1%	3	0.056	0.012
211110115201	-1.3	120.7	6	3.7	20	10%	82	3%	5	0.020	0.016
211110116032	-2.9	116.5	55	5.0	3	12%	17	4%	1	0.003	0.003
211110103122	-0.8	125.1	0	0.0	125	7%	51	2%	7	0.125	0.010
211110075022	-0.6	132.7	9	9.2	66	4%	38	5%	13	0.066	0.008
211110103132	-0.6	120.4	3	2.6	61	20%	109	0%	0	0.061	0.022
211110116054	-1.7	121.8	4	1.7	38	21%	102	0%	0	0.038	0.020
211110103211	-2.1	120.9	9	2.5	20	16%	94	0%	0	0.020	0.019
211110103131	-1.6	126.2	4	1.6	64	30%	216	0%	0	0.064	0.043
211110104033	-0.3	129.2	0	0.0	38	9%	56	5%	9	0.038	0.011
211110116042	-3.3	119.5	7	0.5	1	4%	3	1%	0	0.001	0.001
211110103221	-2.6	124.0	8	4.5	41	18%	70	0%	0	0.041	0.014
211110075024	-1.5	132.2	12	7.8	28	12%	56	12%	16	0.028	0.011
211110120031	-3.7	134.3	21	2.2	1	15%	13	15%	3	0.001	0.003
211110116041	-2.6	125.3	28	2.0	1	7%	8	2%	0	0.001	0.002
211110075025	-0.5	132.4	15	8.0	26	11%	37	10%	9	0.026	0.007
211110120032	-4.2	140.3	43	5.7	1	5%	7	0%	0	0.001	0.001
211110116061	-2.3	125.0	12	1.1	5	5%	7	0%	0	0.005	0.001



ENVIRONMENTAL JUSTICE BASE SCORES				HEALTH & WELLNESS BASE SCORES			COMPOSITE SCORES				FINAL COMMUNITY NEED SCORE
Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)
0.011	0.000	0.249	0.000	0.559	0.533	0.070	0.011	0.083	0.387	0.057	0.166
0.014	0.216	0.333	0.000	0.395	0.404	0.020	0.024	0.183	0.273	0.057	0.166
0.000	0.000	0.251	0.000	0.355	0.369	0.023	0.064	0.084	0.249	0.126	0.161
0.000	0.000	0.352	0.000	0.378	0.377	0.023	0.036	0.117	0.259	0.105	0.160
0.018	0.000	0.207	0.000	0.496	0.386	0.016	0.056	0.069	0.299	0.093	0.160
0.005	0.000	0.398	0.000	0.460	0.456	0.019	0.016	0.133	0.312	0.057	0.160
0.027	0.000	0.097	0.000	0.674	0.625	0.018	0.017	0.032	0.439	0.025	0.158
0.000	0.000	0.370	0.000	0.410	0.364	0.010	0.048	0.123	0.261	0.080	0.158
0.000	0.020	0.382	0.000	0.447	0.469	0.013	0.013	0.134	0.309	0.055	0.158
0.000	0.000	0.254	0.000	0.374	0.416	0.007	0.050	0.085	0.266	0.105	0.156
0.014	0.021	0.202	0.000	0.312	0.433	0.010	0.046	0.074	0.252	0.134	0.156
0.020	0.000	0.262	0.000	0.372	0.412	0.023	0.052	0.087	0.269	0.094	0.155
0.000	0.000	0.245	0.000	0.467	0.465	0.040	0.018	0.082	0.324	0.076	0.154
0.007	0.000	0.374	0.000	0.460	0.456	0.010	0.015	0.125	0.309	0.051	0.154
0.099	0.000	0.199	0.000	0.375	0.414	0.077	0.060	0.066	0.289	0.083	0.154
0.008	0.000	0.411	0.000	0.460	0.456	0.010	0.011	0.137	0.309	0.040	0.153
0.000	0.000	0.359	0.000	0.378	0.377	0.014	0.041	0.120	0.256	0.069	0.150
0.013	0.000	0.368	0.000	0.444	0.442	0.018	0.019	0.123	0.301	0.024	0.144
0.023	0.000	0.200	0.000	0.444	0.442	0.001	0.037	0.067	0.296	0.065	0.143
0.027	0.000	0.184	0.000	0.312	0.433	0.004	0.038	0.061	0.250	0.114	0.143
0.005	0.000	0.326	0.000	0.460	0.456	0.007	0.007	0.109	0.308	0.029	0.140
0.023	0.020	0.132	0.000	0.401	0.450	0.003	0.031	0.051	0.284	0.087	0.140
0.000	0.000	0.360	0.000	0.375	0.414	0.014	0.010	0.120	0.268	0.039	0.135
0.004	0.000	0.269	0.000	0.332	0.478	0.007	0.025	0.090	0.272	0.048	0.134
0.008	0.000	0.187	0.000	0.337	0.440	0.012	0.025	0.062	0.263	0.082	0.133
0.014	0.000	0.261	0.000	0.395	0.404	0.007	0.017	0.087	0.268	0.059	0.133
0.003	0.000	0.317	0.000	0.447	0.469	0.009	0.003	0.106	0.308	0.011	0.132
0.017	0.000	0.202	0.000	0.312	0.434	0.000	0.051	0.067	0.249	0.054	0.130
0.035	0.000	0.101	0.000	0.332	0.478	0.017	0.036	0.034	0.276	0.072	0.129
0.000	0.000	0.265	0.000	0.355	0.369	0.005	0.028	0.088	0.243	0.042	0.124
0.000	0.000	0.246	0.000	0.372	0.412	0.003	0.019	0.082	0.262	0.036	0.123
0.000	0.000	0.258	0.000	0.378	0.377	0.005	0.013	0.086	0.253	0.044	0.122
0.000	0.000	0.188	0.000	0.355	0.369	0.003	0.036	0.063	0.242	0.055	0.122
0.024	0.000	0.148	0.000	0.358	0.438	0.000	0.024	0.049	0.265	0.048	0.119
0.001	0.000	0.276	0.000	0.408	0.454	0.001	0.001	0.092	0.287	0.006	0.119
0.000	0.000	0.217	0.000	0.378	0.377	0.008	0.018	0.072	0.254	0.028	0.115
0.042	0.000	0.107	0.000	0.332	0.478	0.015	0.027	0.036	0.275	0.034	0.115
0.007	0.000	0.080	0.000	0.529	0.464	0.004	0.003	0.027	0.332	0.006	0.114
0.001	0.000	0.200	0.000	0.408	0.454	0.004	0.001	0.067	0.288	0.008	0.112
0.024	0.000	0.105	0.000	0.332	0.478	0.015	0.019	0.035	0.275	0.027	0.110
0.000	0.000	0.000	0.000	0.529	0.464	0.011	0.001	0.000	0.334	0.011	0.107
0.000	0.000	0.203	0.000	0.372	0.412	0.002	0.002	0.068	0.262	0.010	0.106

FIGURE 69. Community Need Score for Park Walksheds

Site Name	Parks For All IS (Site and Section)	Rec Facility On Site?	Parks For All ID (Facility)	Rec Facility Name	Rec Facility Type	DATA ANALYSIS							
						Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents, 2020 (Interface Studio estimate using US Census Tract Data)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile
Metro Arts Community Center	IS101	Yes	IS004	Metro Arts Community Center	Community Center	4.6	93.3	132	313.7	0.052	139	17%	620
Preston Park	IS102	No				2.4	90.8	198	353.0	0.039	209	26%	1401
Watson-Powell Senior Nutrition Center	IS106	Yes	ADD15	Watson-Powell Community Center	Community Center	-0.4	124.4	15	52.8	0.047	40	40%	359
Wilderness Community Center	IS107	Yes	ADD22	Wilderness Senior Center	Community Center	5.6	95.5	8	17.8	0.175	515	34%	1261
35TH STREET	L1	No				1.1	92.6	119	299.6	0.030	194	98%	6396
CANE RUN	L10	No				4.0	99.1	74	119.7	0.045	208	48%	1785
THURMAN HUTCHINS	L100	No				-1.1	112.0	8	19.2	0.048	3	3%	2
BAXTER SQUARE	L101	Yes	S213	Baxter Community Center - CLOSED - UNDER RENNOVATION	Community Center - CLOSED - UNDER RENNOVATION	3.7	76.5	308	393.5	0.050	361	83%	6840
LONG RUN	L102_B	No				-3.3	123.3	0	0.0	0.000	0	15%	8
LONG RUN	L102_A	No				-0.7	114.0	5	17.2	0.000	5	20%	344
AUBURNDALE	L103	No				2.0	95.4	237	449.0	0.163	964	38%	2310
BALLARD	L104	No				2.6	85.8	375	536.4	0.040	277	79%	5942
BERRYTOWN	L105	Yes	S450	Berrytown Community Center	Community Center	-0.3	123.2	19	68.8	0.047	61	40%	594
BLACK MUDD	L106	No				3.8	108.7	119	216.7	0.079	476	89%	4716
BLUE LICK	L107	No				2.4	105.8	8	17.7	0.072	3	7%	62
BOBBY NICHOLS GOLF COURSE	L108	No				1.7	109.7	4	30.7	0.034	39	0%	0
BRESLIN	L109	No				-0.5	100.3	103	229.5	0.046	154	18%	876
CAPERION SWAMP	L11	No				-1.8	106.8	3	12.6	0.048	1	0%	0
CHURCHILL	L110	No				3.1	79.0	11	45.2	0.000	0	35%	29
FAIRMONT FALLS	L111	No				-1.5	119.1	0	0.0	0.000	0	0%	0
FARMAN	L112	No				1.7	104.0	12	68.8	0.146	147	19%	132
FERN CREEK	L113	No				2.6	105.7	43	102.9	0.051	102	37%	306
FISHERMAN'S	L114	No				-2.0	123.6	2	9.0	0.000	0	0%	0
JOE CREASON	L115_A	Yes	S534	Louisville Tennis Center	Tennis Center	-1.1	112.6	60	94.1	0.020	37	12%	282
JOE CREASON	L115_B	No				-1.3	117.2	28	40.3	0.020	63	12%	392
LANNAN	L116	No				-1.2	90.5	99	242.8	0.033	94	40%	1263
PETERSBURG	L117_B	No				3.3	106.2	50	80.1	0.072	237	94%	2668
PETERSBURG	L117_A	No				3.1	104.9	40	59.9	0.083	227	94%	2345
SOUTH CENTRAL	L118	No				1.5	96.1	361	493.3	0.063	345	61%	4045
TOONERVILLE TROLLEY	L119	No				2.3	88.1	664	852.3	0.022	187	54%	4868
CENTRAL	L12	No				3.0	86.5	635	696.5	0.034	287	47%	4210
WYANDOTTE	L120	No				1.5	94.3	476	538.6	0.074	522	44%	3505
EVA BANDMAN	L121	No				-2.0	101.9	33	130.6	0.061	56	15%	16
BEARGRASS CREEK GREENWAY AT IRISH HILL	L122_B	No				-3.7	117.6	18	50.1	0.066	85	13%	106
BEARGRASS CREEK GREENWAY AT IRISH HILL	L122_A	No				-1.4	104.2	57	165.2	0.046	98	17%	623
WILLIAM B. STANSBURY	L123	No				3.4	83.4	257	361.6	0.051	366	48%	2443
A.B. SAWYER	L124	No				-0.3	110.4	24	42.4	0.056	105	23%	417
LOCUST GROVE	L125	No				-0.1	125.7	1	3.2	0.048	67	6%	64
BEECHMONT TOT LOT	L126	Yes	S223	Beechmont Community Center	Community Center	1.6	93.5	293	510.2	0.294	1642	39%	2079
CASTLEWOOD OPEN SPACE	L127	No				-0.2	104.8	114	184.8	0.023	115	12%	606
CALIFORNIA LEISURE OPEN SPACE	L128	No				2.9	86.7	330	496.4	0.086	429	94%	4707
PARKLAND PLAYGROUND	L129	No				0.6	94.1	223	401.3	0.019	109	98%	4599
CHICKASAW	L13_B	No				-1.5	100.3	49	108.8	0.010	30	99%	2638
CHICKASAW	L13_A	No				-1.6	101.9	91	158.3	0.025	105	99%	3847
ROSE FARM	L130	No				5.2	88.3	270	560.4	0.062	66	17%	42



	HISTORICAL INEQUITIES BASE			ENVIRONMENTAL JUSTICE BASE			HEALTH & WELLNESS BASE			COMPOSITE SCORES			FINAL COMMUNITY			
Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile	Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics, Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Walkshed Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)	Park Community Need Score (Each Site Receives Top Score Across All Walksheds)
10%	95	0.229	0.132	0.248	1.000	0.600	0.000	0.557	0.528	0.510	0.203	0.533	0.532	0.368	0.496	0.496
13%	128	0.343	0.298	0.335	0.678	0.635	0.000	0.588	0.468	0.574	0.325	0.438	0.543	0.533	0.557	0.557
23%	32	0.065	0.076	0.083	0.000	0.165	0.000	0.418	0.483	0.086	0.075	0.055	0.329	0.087	0.165	0.165
0%	93	0.845	0.268	0.244	1.000	0.571	0.000	0.581	0.515	0.029	0.452	0.524	0.375	0.365	0.520	0.520
32%	602	0.318	1.000	1.000	0.315	0.611	0.525	0.704	0.896	0.487	0.773	0.483	0.696	0.645	0.787	0.787
13%	136	0.341	0.379	0.355	1.000	0.519	0.111	0.633	0.605	0.195	0.358	0.544	0.478	0.365	0.529	0.529
0%	0	0.006	0.001	0.000	0.000	0.339	0.000	0.325	0.467	0.031	0.002	0.113	0.275	0.007	0.120	0.120
67%	796	0.593	1.000	1.000	1.000	0.837	0.805	0.830	0.754	0.640	0.864	0.881	0.741	0.813	1.000	1.000
0%	0	0.000	0.002	0.000	0.000	0.182	0.000	0.000	0.000	0.000	0.001	0.061	0.000	0.005	0.020	0.095
0%	0	0.007	0.073	0.000	0.000	0.312	0.000	0.000	0.000	0.028	0.027	0.104	0.009	0.174	0.095	0.095
31%	434	1.000	0.491	1.000	0.553	0.571	0.020	0.640	0.610	0.730	0.830	0.381	0.660	0.592	0.747	0.747
30%	376	0.455	1.000	0.982	0.725	0.706	0.515	0.743	0.708	0.872	0.812	0.649	0.774	0.738	0.901	0.901
22%	54	0.100	0.126	0.142	0.000	0.183	0.000	0.418	0.483	0.112	0.123	0.061	0.337	0.145	0.202	0.202
14%	178	0.782	1.000	0.466	1.000	0.385	0.500	0.645	0.672	0.352	0.749	0.628	0.556	0.525	0.745	0.745
3%	7	0.005	0.013	0.017	0.677	0.426	0.000	0.582	0.512	0.029	0.012	0.367	0.374	0.093	0.256	0.256
0%	0	0.065	0.000	0.000	0.475	0.371	0.000	0.487	0.501	0.050	0.022	0.282	0.346	0.000	0.197	0.197
5%	31	0.252	0.186	0.081	0.000	0.503	0.000	0.575	0.550	0.373	0.173	0.168	0.499	0.482	0.401	0.401
0%	0	0.002	0.000	0.000	0.000	0.412	0.000	0.325	0.467	0.020	0.001	0.137	0.271	0.001	0.124	0.124
0%	0	0.000	0.006	0.000	0.866	0.802	0.010	0.932	0.300	0.073	0.002	0.559	0.435	0.008	0.304	0.304
0%	0	0.000	0.000	0.000	0.000	0.239	0.000	0.000	0.000	0.000	0.000	0.080	0.000	0.000	0.024	0.024
17%	29	0.242	0.028	0.075	0.473	0.450	0.000	0.568	0.521	0.112	0.115	0.308	0.400	0.067	0.270	0.270
3%	7	0.167	0.065	0.019	0.713	0.428	0.000	0.535	0.473	0.167	0.084	0.380	0.392	0.081	0.284	0.284
0%	0	0.000	0.000	0.000	0.000	0.176	0.000	0.000	0.000	0.015	0.000	0.059	0.005	0.000	0.019	0.019
13%	75	0.060	0.060	0.196	0.000	0.330	0.000	0.497	0.501	0.153	0.106	0.110	0.383	0.236	0.253	0.253
4%	19	0.103	0.083	0.049	0.000	0.266	0.000	0.477	0.437	0.066	0.078	0.089	0.326	0.315	0.245	0.253
36%	233	0.154	0.268	0.608	0.000	0.640	0.309	0.830	0.707	0.395	0.344	0.316	0.644	0.311	0.489	0.489
27%	260	0.390	0.567	0.678	0.910	0.421	0.796	0.619	0.691	0.130	0.545	0.709	0.480	0.280	0.610	0.610
24%	205	0.373	0.498	0.536	0.863	0.439	0.475	0.599	0.692	0.097	0.469	0.592	0.463	0.245	0.536	0.610
19%	223	0.567	0.860	0.582	0.403	0.561	0.397	0.782	0.718	0.802	0.669	0.454	0.767	0.655	0.771	0.771
21%	298	0.306	1.000	0.778	0.644	0.673	0.381	0.702	0.692	1.000	0.695	0.566	0.798	0.896	0.896	0.896
20%	220	0.471	0.895	0.576	0.838	0.696	0.333	0.714	0.562	1.000	0.647	0.623	0.759	0.875	0.880	0.880
19%	308	0.857	0.745	0.804	0.421	0.587	0.121	0.739	0.665	0.876	0.802	0.376	0.760	0.777	0.823	0.823
0%	0	0.092	0.003	0.000	0.000	0.481	0.620	0.442	0.425	0.212	0.032	0.367	0.360	0.010	0.233	0.233
11%	25	0.140	0.022	0.065	0.000	0.261	0.000	0.429	0.409	0.082	0.076	0.087	0.307	0.077	0.166	0.333
5%	17	0.161	0.132	0.045	0.000	0.448	0.000	0.575	0.550	0.269	0.113	0.149	0.464	0.370	0.333	0.333
34%	122	0.601	0.519	0.320	0.938	0.739	0.302	0.905	0.395	0.588	0.480	0.660	0.629	0.497	0.687	0.687
0%	2	0.172	0.089	0.005	0.000	0.361	0.000	0.488	0.412	0.069	0.089	0.120	0.323	0.178	0.215	0.215
3%	10	0.111	0.014	0.025	0.000	0.148	0.000	0.325	0.467	0.005	0.050	0.049	0.266	0.113	0.145	0.145
10%	108	1.000	0.442	0.282	0.437	0.598	0.109	0.616	0.574	0.830	0.575	0.381	0.673	0.521	0.652	0.652
5%	63	0.189	0.129	0.165	0.000	0.440	0.000	0.452	0.406	0.301	0.161	0.147	0.386	0.498	0.361	0.361
57%	530	0.703	1.000	1.000	0.808	0.693	0.516	0.853	0.946	0.807	0.901	0.672	0.868	0.494	0.890	0.890
29%	318	0.179	0.977	0.832	0.171	0.590	0.575	0.734	0.863	0.653	0.663	0.445	0.750	0.462	0.703	0.703
21%	131	0.049	0.561	0.342	0.000	0.503	0.560	0.672	0.911	0.177	0.317	0.354	0.587	0.263	0.461	0.525
16%	108	0.172	0.818	0.282	0.000	0.481	0.453	0.667	0.915	0.258	0.424	0.311	0.613	0.384	0.525	0.525
2%	2	0.109	0.009	0.005	1.000	0.671	0.000	0.665	0.655	0.911	0.041	0.557	0.744	0.024	0.414	0.414

(CONTINUED) FIGURE 69. Community Need Score for Park Walksheds

Site Name	Parks For All IS (Site and Section)	Rec Facility On Site?	Parks For All ID (Facility)	Rec Facility Name	Rec Facility Type	DATA ANALYSIS							
						Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents, Percent, 2020 (Interface Studio estimate using US Census Tract Data)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile
WATSON LANE TRAILHEAD	L131	No				2.6	107.0	20	55.8	0.034	79	16%	377
SCHUFF LANE GREENWAY	L132	No				-0.6	114.3	17	48.0	0.011	18	10%	144
CYRIL ALLGEIER PARK	L134	Yes	S215	Allgeier Community Center	Community Center	1.1	94.5	51	252.1	0.004	4	10%	119
BECKLEY CREEK PARK	L135	No				-1.0	116.9	17	17.1	0.000	0	18%	34
PATRIOTS PEACE MEMORIAL	L136	No				-1.6	108.5	3	11.5	0.048	1	0%	0
CLIFF	L14	No				0.7	100.9	191	313.9	0.169	970	37%	2181
SOUTHWESTERN PARKWAY	L144	No				-1.7	103.0	54	134.1	0.017	71	99%	3569
POPE LICK PARK	L146	No				-2.1	123.7	16	35.8	0.042	1	8%	25
TURKEY RUN	L147	No				-3.0	117.1	15	26.6	0.023	2	15%	7
BROAD RUN	L148	No				-1.3	108.9	5	10.7	0.023	1	12%	4
FOREST GREEN GREENWAY	L149_B	No				1.7	103.7	28	35.0	0.035	64	16%	368
FOREST GREEN GREENWAY	L149_A	No				1.0	100.9	18	51.1	0.029	15	13%	68
CLIFTON	L15	No				0.1	97.0	102	215.4	0.050	164	15%	545
LOUISVILLE CHAMPIONS SOCCER	L150	No				-0.7	106.0	39	72.0	0.071	78	37%	386
LOUISVILLE CHAMPIONS	L151	No				-0.2	106.3	31	50.0	0.048	4	11%	47
GALVIN COURT	L152	No				3.1	103.4	36	75.1	0.098	200	22%	388
THE STRAND	L153	No				-2.8	121.0	8	18.8	0.023	1	15%	5
QUAIL CHASE GOLF COURSE	L154	No				-1.5	115.5	5	17.2	0.109	27	21%	24
E.P. "Tom" Sawyer State Park	L159_B	No				0.5	118.3	99	120.1	0.058	80	17%	148
E.P. "Tom" Sawyer State Park	L159_A	No				-0.7	117.6	6	19.0	0.078	448	18%	330
CARRIE GAULBERT COX	L16	No				-1.2	111.4	9	16.8	0.048	3	3%	2
Blackacre State Nature Preserve	L161	No				1.2	115.9	9	36.2	0.084	55	18%	165
St. Matthews Brown Park	L166_B	No				1.0	93.0	2	4.8	0.144	1054	39%	2700
St. Matthews Brown Park	L166_A	No				-0.1	101.0	2	2.6	0.114	516	33%	1486
DOUGLASS	L17	Yes	S226	Douglass Community Center	Community Center	-0.5	106.1	57	109.2	0.027	121	9%	400
EASTOVER	L18	No				-0.5	100.4	76	148.6	0.042	119	16%	436
Louisville Nature Center	L182	No				-1.3	114.7	26	53.9	0.037	88	14%	446
Skyview Park	L187_B	No				-0.5	93.8	0	0.0	0.000	0	27%	26
Skyview Park	L187_A	No				-1.0	97.5	0	0.0	0.091	108	16%	132
Fairdale Village Green	L19	No				2.8	106.6	54	112.9	0.056	106	9%	157
Waterfront Park	L198_C	No				-1.4	89.9	102	171.5	0.056	53	21%	277
Waterfront Park	L198_B	No				0.9	73.3	456	632.9	0.046	151	62%	1846
Waterfront Park	L198_A	No				1.6	66.3	555	705.4	0.062	318	71%	3566
Maple Street Park	L199	No				2.2	89.0	606	595.6	0.014	65	97%	4477
CRESCENT HILL	L2	Yes	S006	Mary T Meagher Aquatic Center	Acquatic Center	-1.7	104.0	30	71.5	0.054	149	16%	510
FLAGET FIELD	L20	Yes	S217	Flaget Community Center	Community Center	-0.8	99.8	160	212.9	0.026	142	99%	5154
Waterfront Park Phase 4	L200	No				2.9	79.0	173	326.9	0.041	177	73%	4455
Briarwood Park	L201	No				1.7	102.5	28	97.1	0.124	422	28%	926
St. Matthews Community Park	L202	No				2.0	85.8	4	14.0	0.094	65	9%	59
Veterans Memorial Park	L203	No				0.7	105.7	6	7.4	0.080	177	27%	652
Hurstbourne City Park	L204	No				2.1	94.3	38	69.8	0.120	348	31%	817
Unknown Park	L205	No				-0.6	114.2	2	4.1	0.073	160	14%	398
Putney'S Pond And Woodlands Park	L206	No				1.2	112.0	2	3.0	0.130	186	15%	131
Lillian Wild Walking Path	L207	No				2.3	89.0	84	200.6	0.119	67	54%	310
Romara Place	L209	No				-0.1	111.5	22	52.6	0.067	251	27%	867
GERMAN-PARISTOWN	L21	No				1.6	93.6	200	319.6	0.023	145	15%	961



HISTORICAL INEQUITIES BASE					ENVIRONMENTAL JUSTICE BASE			HEALTH & WELLNESS BASE				COMPOSITE SCORES				FINAL COMMUNITY	
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13%	61	0.129	0.080	0.160	0.721	0.409	0.000	0.682	0.597	0.091	0.123	0.377	0.457	0.232	0.360	0.360	
1%	3	0.030	0.031	0.007	0.000	0.307	0.000	0.481	0.524	0.078	0.023	0.102	0.361	0.149	0.192	0.192	
16%	59	0.006	0.025	0.155	0.307	0.584	0.000	0.511	0.515	0.410	0.062	0.297	0.479	0.119	0.290	0.290	
0%	0	0.000	0.007	0.000	0.000	0.271	0.000	0.000	0.000	0.028	0.002	0.090	0.009	0.019	0.037	0.037	
0%	0	0.001	0.000	0.000	0.000	0.388	0.000	0.325	0.467	0.019	0.000	0.129	0.270	0.003	0.122	0.122	
11%	122	1.000	0.463	0.318	0.200	0.494	0.146	0.590	0.572	0.510	0.594	0.280	0.557	0.589	0.612	0.612	
20%	132	0.116	0.759	0.344	0.000	0.466	0.495	0.669	0.913	0.218	0.406	0.320	0.600	0.356	0.510	0.510	
3%	2	0.001	0.005	0.006	0.000	0.176	0.000	0.395	0.452	0.058	0.004	0.059	0.302	0.030	0.120	0.120	
0%	0	0.003	0.002	0.000	0.000	0.267	0.000	0.466	0.504	0.043	0.001	0.089	0.338	0.005	0.131	0.131	
0%	0	0.001	0.001	0.000	0.000	0.382	0.000	0.466	0.504	0.017	0.001	0.127	0.329	0.004	0.140	0.140	
1%	5	0.105	0.078	0.013	0.472	0.456	0.000	0.378	0.478	0.057	0.065	0.309	0.304	0.230	0.276	0.276	
1%	3	0.024	0.014	0.007	0.273	0.495	0.000	0.373	0.478	0.083	0.015	0.256	0.311	0.053	0.193	0.276	
2%	15	0.269	0.116	0.039	0.038	0.549	0.097	0.534	0.512	0.350	0.141	0.228	0.465	0.361	0.363	0.363	
7%	15	0.128	0.082	0.039	0.000	0.424	0.362	0.547	0.490	0.117	0.083	0.262	0.385	0.104	0.253	0.253	
1%	2	0.007	0.010	0.004	0.000	0.418	0.444	0.377	0.481	0.081	0.007	0.288	0.313	0.043	0.197	0.197	
9%	48	0.329	0.083	0.125	0.861	0.460	0.000	0.572	0.453	0.122	0.179	0.440	0.383	0.177	0.357	0.357	
0%	0	0.002	0.001	0.000	0.000	0.213	0.000	0.466	0.504	0.031	0.001	0.071	0.333	0.003	0.124	0.124	
20%	7	0.044	0.005	0.018	0.000	0.290	0.000	0.569	0.453	0.028	0.022	0.097	0.350	0.012	0.146	0.146	
1%	2	0.131	0.031	0.006	0.132	0.251	0.000	0.374	0.471	0.195	0.056	0.128	0.347	0.087	0.187	0.262	
4%	19	0.735	0.070	0.050	0.000	0.261	0.000	0.430	0.478	0.031	0.285	0.087	0.313	0.180	0.262	0.262	
0%	0	0.005	0.000	0.000	0.000	0.348	0.000	0.325	0.467	0.027	0.002	0.116	0.273	0.006	0.120	0.120	
3%	8	0.091	0.035	0.021	0.332	0.285	0.000	0.463	0.476	0.059	0.049	0.205	0.332	0.091	0.205	0.205	
12%	177	1.000	0.574	0.461	0.283	0.605	0.004	0.540	0.416	0.008	0.678	0.297	0.321	0.685	0.601	0.601	
10%	91	0.847	0.316	0.239	0.000	0.492	0.000	0.479	0.423	0.004	0.467	0.164	0.302	0.444	0.418	0.601	
7%	67	0.199	0.085	0.175	0.000	0.421	0.000	0.412	0.430	0.178	0.153	0.140	0.340	0.446	0.327	0.327	
8%	57	0.195	0.093	0.148	0.000	0.502	0.000	0.411	0.431	0.242	0.145	0.167	0.361	0.266	0.285	0.285	
3%	21	0.144	0.095	0.054	0.000	0.301	0.000	0.480	0.485	0.088	0.098	0.100	0.351	0.303	0.258	0.258	
0%	0	0.000	0.006	0.000	0.000	0.594	0.000	0.000	0.000	0.000	0.002	0.198	0.500	0.010	0.063	0.197	
3%	9	0.177	0.028	0.023	0.000	0.542	0.000	0.463	0.476	0.000	0.076	0.181	0.313	0.080	0.197	0.197	
17%	90	0.174	0.033	0.235	0.762	0.415	0.072	0.679	0.604	0.184	0.147	0.417	0.489	0.175	0.372	0.372	
13%	10	0.087	0.059	0.026	0.000	0.649	0.263	0.769	0.786	0.279	0.057	0.304	0.611	0.131	0.334	0.809	
13%	17	0.247	0.392	0.043	0.247	0.880	0.522	0.770	0.768	1.000	0.228	0.550	0.846	0.293	0.581	0.809	
66%	278	0.522	0.758	0.727	0.438	0.979	0.693	0.740	0.660	1.000	0.669	0.703	0.800	0.498	0.809	0.809	
40%	447	0.106	0.952	1.000	0.611	0.662	0.614	0.791	0.891	0.969	0.686	0.629	0.884	0.456	0.805	0.805	
5%	45	0.244	0.108	0.118	0.000	0.451	0.000	0.413	0.454	0.116	0.157	0.150	0.328	0.306	0.285	0.285	
19%	181	0.232	1.000	0.472	0.000	0.510	0.445	0.673	0.920	0.346	0.568	0.318	0.646	0.514	0.621	0.621	
54%	674	0.291	0.947	1.000	0.803	0.801	0.624	0.934	0.825	0.532	0.746	0.743	0.764	0.605	0.866	0.866	
17%	146	0.692	0.197	0.380	0.457	0.471	0.000	0.460	0.502	0.158	0.423	0.310	0.373	0.325	0.434	0.434	
6%	14	0.106	0.013	0.036	0.546	0.706	0.000	0.429	0.451	0.023	0.052	0.417	0.301	0.066	0.253	0.253	
2%	10	0.291	0.139	0.026	0.190	0.428	0.000	0.501	0.431	0.012	0.152	0.206	0.314	0.235	0.275	0.275	
0%	0	0.570	0.174	0.000	0.568	0.586	0.000	0.376	0.439	0.113	0.248	0.385	0.310	0.259	0.364	0.364	
6%	37	0.263	0.085	0.096	0.000	0.309	0.000	0.408	0.468	0.007	0.148	0.103	0.294	0.282	0.251	0.251	
1%	5	0.306	0.028	0.012	0.338	0.339	0.000	0.327	0.471	0.005	0.115	0.226	0.268	0.087	0.211	0.211	
16%	21	0.110	0.066	0.056	0.633	0.661	0.309	0.555	0.694	0.326	0.077	0.534	0.525	0.057	0.362	0.362	
2%	17	0.412	0.184	0.044	0.000	0.346	0.000	0.449	0.407	0.085	0.213	0.115	0.314	0.316	0.291	0.291	
15%	217	0.238	0.204	0.567	0.454	0.597	0.000	0.562	0.483	0.520	0.337	0.350	0.522	0.648	0.563	0.563	

(CONTINUED) FIGURE 69. Community Need Score for Park Walksheds

Site Name	Parks For All IS (Site and Section)	Rec Facility On Site?	Parks For All ID (Facility)	Rec Facility Name	Rec Facility Type	DATA ANALYSIS							
						Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents, Percent, 2020 (Interface Studio estimate using US Census Tract Data)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile
Warheim Park	L210	No				0.6	105.7	84	237.3	0.019	129	9%	469
Belvedere	L211	No				2.5	64.8	367	765.4	0.067	292	65%	3541
Blue Lick Optimist Park	L213	No				2.5	101.7	68	186.4	0.072	51	24%	132
Shively Park	L214	No				1.5	89.6	47	56.8	0.035	135	73%	3223
Auburn Park	L215	No				0.5	103.3	0	0.0	0.075	296	44%	2278
Woodland Hills Park	L216	No				0.1	115.7	12	26.9	0.053	167	15%	552
Founder's Square	L217	No				4.3	69.1	629	854.4	0.064	403	72%	4977
Holzheimer Park	L218	No				0.7	97.6	39	55.0	0.038	154	8%	318
Jefferson Square	L219	No				3.9	69.1	592	796.9	0.061	387	75%	5161
GNADINGER	L22	No				2.5	93.9	182	333.7	0.033	226	16%	1236
Warwick Park	L220	No				-0.8	112.1	9	15.6	0.096	445	27%	1332
Robson Park	L221	No				0.8	100.4	25	47.4	0.103	505	41%	2123
Warren Walker Park	L225	No				0.6	110.9	34	51.2	0.016	78	19%	863
Lampton	L227	No				3.6	78.9	505	668.7	0.051	284	83%	4979
Waterfront Botanical Gardens	L228	No				-2.3	101.2	64	227.4	0.061	108	16%	444
David Armstrong Recreation Center	L229	Yes		David Armstrong Recreation Center	Community Center	-0.5	101.2	0	0.0	0.084	181	24%	617
WILLIAM HARRISON	L23	No				1.8	91.6	305	518.9	0.061	276	61%	3216
Plainview Swim-Tennis Center	L230	No				0.1	107.9	7	13.4	0.126	524	24%	999
Cowley Park	L231	No				1.2	115.3	0	0.0	0.146	136	15%	103
Little Hunting Creek Park	L232	No				1.2	111.1	3	5.6	0.105	117	18%	115
Harrods Creek Park	L233	No				1.2	116.5	0	0.0	0.146	194	15%	145
Wetherby Park	L234	No				1.3	105.1	12	18.4	0.037	68	20%	432
Bill Lile Running Creek Park	L235	No				1.5	109.9	4	13.9	0.042	97	22%	582
Hardesty Park	L236	No				1.4	103.5	19	87.4	0.068	96	26%	437
Henderson Park	L237	No				0.7	104.2	37	85.7	0.016	45	12%	401
Samuel B. Welch Park	L238	No				0.8	96.3	32	113.8	0.167	422	53%	1451
Village Green Park	L239	No				1.4	98.8	75	143.9	0.044	214	14%	677
HOPEWELL	L24	No				-0.6	112.1	117	224.3	0.073	474	39%	2679
Barret Park	L240	No				1.9	89.9	139	206.4	0.019	61	59%	1589
Unknown Park	L241	No				0.2	107.9	46	94.1	0.024	108	9%	362
Karen Lynch Park	L244	No				-0.1	97.3	96	206.2	0.055	110	18%	472
Gavin Brown Preserve	L246	No				-2.8	112.2	2	24.8	0.000	0	0%	0
NELSON HORNBECK	L25	No				3.1	105.5	46	108.8	0.055	94	8%	137
HOUNZ LANE	L26	No				-0.8	117.1	7	23.0	0.103	270	18%	341
SHAWNEE COMMUNITY CENTER	L260	Yes	IS002	SHAWNEE COMMUNITY CENTER	Community Center	1.4	91.7	253	471.1	0.018	143	98%	7605
SOUTH LOUISVILLE COMMUNITY CENTER	L261	Yes	IS003	SOUTH LOUISVILLE COMMUNITY CENTER	Community Center	2.7	89.1	368	578.4	0.063	355	57%	4068
NEWBURG COMMUNITY CENTER	L262	Yes	S221	NEWBURG COMMUNITY CENTER	Community Center	3.0	105.9	38	72.5	0.075	295	94%	3264
BUTCHERTOWN GREENWAY	L266	No				-1.9	101.3	89	211.6	0.061	128	16%	480
IRISH HILL	L27	No				2.5	85.7	228	385.4	0.045	192	39%	2118
LOUIS B. ISRAEL	L28	No				1.6	93.1	268	410.7	0.311	1989	55%	3733
HAYS KENNEDY	L29_A	No				-1.7	115.4	5	28.7	0.000	0	0%	0
HAYS KENNEDY	L29_B	No				-1.0	118.0	6	26.0	0.058	14	29%	48
ALGONQUIN	L3	No				1.7	93.7	304	299.6	0.005	32	97%	6076
KENNEDY COURT	L30	No				-0.5	106.1	59	122.1	0.047	233	13%	604
KLONDIKE	L31	No				0.6	105.6	94	252.0	0.064	372	43%	3855
KULMER RESERVE	L32	No				-3.9	108.3	1	9.2	0.034	22	0%	0
LAKE DREAMLAND	L33	No				-0.5	113.6	12	53.8	0.000	0	23%	229
SENECA GOLF COURSE	L34	No				-1.6	114.6	18	54.7	0.034	94	8%	240
CHARLES YOUNG	L35	No				0.5	92.6	260	494.0	0.015	86	37%	2145
ROBERSON RUN	L36	No				4.4	105.3	82	181.6	0.077	229	18%	540
IROQUOIS GOLF COURSE	L37	No				-6.2	136.2	3	16.4	0.000	0	0%	0



Family Poverty, Percent of Families	HISTORICAL INEQUITIES BASE				ENVIRONMENTAL JUSTICE BASE			HEALTH & WELLNESS BASE			COMPOSITE SCORES			FINAL COMMUNITY		
	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile	Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJSscreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see CDC PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Walkshed Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, and Pop. Density Score)	Park Community Need Score (Each Site Receives Top Score Across All Walksheds)
4%	68	0.211	0.100	0.177	0.169	0.428	0.000	0.476	0.401	0.386	0.163	0.199	0.421	0.524	0.396	0.396
44%	58	0.479	0.753	0.152	0.702	1.000	0.613	0.692	0.618	1.000	0.461	0.772	0.770	0.538	0.770	0.770
11%	16	0.083	0.028	0.043	0.687	0.484	0.000	0.582	0.512	0.303	0.051	0.390	0.466	0.055	0.292	0.292
25%	275	0.222	0.685	0.717	0.403	0.653	0.297	0.593	0.700	0.092	0.541	0.451	0.462	0.433	0.572	0.572
16%	277	0.486	0.484	0.724	0.135	0.461	0.000	0.549	0.522	0.000	0.565	0.199	0.357	0.506	0.493	0.493
2%	18	0.273	0.117	0.047	0.017	0.288	0.000	0.408	0.468	0.044	0.146	0.102	0.306	0.353	0.275	0.275
64%	448	0.661	1.000	1.000	1.000	0.939	0.541	0.747	0.666	1.000	0.887	0.827	0.804	0.683	0.970	0.970
4%	41	0.253	0.067	0.107	0.202	0.540	0.000	0.412	0.427	0.090	0.142	0.248	0.310	0.370	0.324	0.324
69%	514	0.635	1.000	1.000	1.000	0.939	0.618	0.775	0.691	1.000	0.878	0.853	0.822	0.680	0.980	0.980
10%	145	0.370	0.263	0.378	0.690	0.593	0.000	0.529	0.503	0.543	0.337	0.427	0.525	0.756	0.620	0.620
4%	31	0.730	0.283	0.082	0.000	0.337	0.000	0.481	0.409	0.025	0.365	0.112	0.305	0.491	0.386	0.386
1%	8	0.828	0.451	0.020	0.217	0.501	0.000	0.503	0.453	0.077	0.433	0.239	0.344	0.514	0.464	0.464
0%	0	0.127	0.183	0.000	0.172	0.354	0.000	0.384	0.483	0.083	0.104	0.175	0.317	0.457	0.319	0.319
30%	252	0.466	1.000	0.657	0.988	0.802	0.561	0.735	0.700	1.000	0.708	0.784	0.812	0.589	0.877	0.877
0%	0	0.177	0.094	0.000	0.000	0.490	0.523	0.442	0.425	0.370	0.091	0.338	0.412	0.267	0.336	0.336
1%	6	0.296	0.131	0.017	0.000	0.490	0.000	0.463	0.476	0.000	0.148	0.163	0.313	0.255	0.266	0.266
27%	311	0.452	0.683	0.813	0.508	0.624	0.376	0.761	0.700	0.844	0.650	0.503	0.768	0.522	0.741	0.741
3%	31	0.859	0.212	0.080	0.014	0.397	0.000	0.401	0.425	0.022	0.384	0.137	0.283	0.406	0.367	0.367
0%	0	0.222	0.022	0.000	0.341	0.292	0.000	0.326	0.467	0.000	0.081	0.211	0.264	0.067	0.189	0.189
2%	4	0.192	0.024	0.010	0.338	0.351	0.000	0.332	0.482	0.009	0.076	0.230	0.274	0.063	0.195	0.195
0%	0	0.318	0.031	0.000	0.334	0.276	0.000	0.326	0.467	0.000	0.116	0.203	0.264	0.093	0.205	0.205
1%	3	0.112	0.092	0.008	0.346	0.436	0.000	0.411	0.477	0.030	0.070	0.261	0.306	0.210	0.257	0.257
0%	0	0.159	0.124	0.000	0.427	0.368	0.000	0.408	0.468	0.023	0.094	0.265	0.299	0.260	0.278	0.278
3%	14	0.157	0.093	0.036	0.401	0.457	0.000	0.399	0.461	0.142	0.095	0.286	0.334	0.168	0.268	0.268
6%	49	0.073	0.085	0.127	0.206	0.449	0.000	0.501	0.505	0.139	0.095	0.218	0.382	0.324	0.309	0.309
5%	32	0.693	0.308	0.084	0.219	0.558	0.000	0.442	0.435	0.185	0.362	0.259	0.354	0.288	0.377	0.377
7%	77	0.350	0.144	0.200	0.385	0.524	0.000	0.496	0.471	0.234	0.232	0.303	0.401	0.488	0.431	0.431
7%	88	0.779	0.569	0.230	0.000	0.338	0.000	0.539	0.473	0.365	0.526	0.113	0.459	0.678	0.538	0.538
30%	171	0.100	0.338	0.446	0.528	0.649	0.266	0.598	0.599	0.336	0.294	0.481	0.511	0.266	0.471	0.471
1%	16	0.177	0.077	0.043	0.067	0.397	0.000	0.416	0.475	0.153	0.099	0.155	0.348	0.000	0.298	0.298
1%	6	0.180	0.100	0.017	0.000	0.545	0.271	0.520	0.504	0.335	0.099	0.272	0.453	0.264	0.330	0.330
0%	0	0.000	0.000	0.000	0.000	0.336	0.000	0.000	0.000	0.040	0.000	0.112	0.013	0.000	0.038	0.038
15%	71	0.155	0.029	0.185	0.855	0.430	0.004	0.674	0.590	0.177	0.123	0.430	0.480	0.159	0.361	0.361
4%	20	0.442	0.072	0.051	0.000	0.268	0.000	0.478	0.483	0.037	0.189	0.089	0.333	0.186	0.242	0.242
38%	730	0.235	1.000	1.000	0.385	0.623	0.457	0.734	0.919	0.766	0.745	0.488	0.806	0.767	0.851	0.851
17%	226	0.582	0.864	0.591	0.752	0.660	0.382	0.756	0.707	0.941	0.679	0.598	0.801	0.698	0.841	0.841
22%	263	0.484	0.694	0.687	0.823	0.425	0.608	0.613	0.691	0.118	0.622	0.619	0.474	0.344	0.624	0.624
0%	0	0.210	0.102	0.000	0.000	0.489	0.535	0.442	0.425	0.344	0.104	0.341	0.404	0.289	0.345	0.345
17%	128	0.314	0.450	0.335	0.698	0.707	0.166	0.681	0.671	0.627	0.367	0.524	0.659	0.539	0.633	0.633
16%	208	1.000	0.793	0.544	0.455	0.603	0.193	0.621	0.575	0.668	0.779	0.417	0.621	0.667	0.753	0.753
0%	0	0.000	0.000	0.000	0.000	0.292	0.000	0.000	0.000	0.047	0.000	0.097	0.016	0.000	0.034	0.125
0%	0	0.023	0.010	0.000	0.000	0.255	0.000	0.346	0.516	0.042	0.011	0.085	0.301	0.016	0.125	0.125
23%	308	0.053	1.000	0.805	0.466	0.596	0.452	0.677	0.836	0.487	0.619	0.504	0.667	0.616	0.729	0.729
5%	56	0.383	0.128	0.146	0.000	0.422	0.000	0.436	0.412	0.198	0.219	0.141	0.349	0.445	0.350	0.350
9%	166	0.610	0.819	0.434	0.170	0.428	0.135	0.485	0.534	0.410	0.621	0.244	0.476	0.884	0.675	0.675
0%	0	0.036	0.000	0.000	0.000	0.391	0.000	0.682	0.597	0.015	0.012	0.130	0.431	0.000	0.174	0.174
23%	49	0.000	0.049	0.129	0.000	0.317	0.344	0.000	0.000	0.088	0.059	0.220	0.029	0.099	0.123	0.123
2%	18	0.155	0.051	0.048	0.000	0.303	0.000	0.378	0.433	0.089	0.084	0.101	0.300	0.294	0.236	0.236
39%	492	0.142	0.456	1.000	0.132	0.611	0.173	0.818	0.731	0.803	0.533	0.305	0.784	0.579	0.667	0.667
2%	22	0.375	0.115	0.058	1.000	0.432	0.000	0.485	0.566	0.295	0.183	0.477	0.449	0.292	0.425	0.425
0%	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.027	0.000	0.000	0.009	0.000	0.003	0.003

(CONTINUED) FIGURE 69. Community Need Score for Park Walksheds

Site Name	Parks For All IS (Site and Section)	Rec Facility On Site?	Parks For All ID (Facility)	Rec Facility Name	Rec Facility Type	DATA ANALYSIS							
						Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESRI)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents, Percent, 2020 (Interface Studio estimate using US Census Tract Data)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile
NORFOLK ACRES	L38	No				4.4	104.7	93	264.0	0.394	1916	82%	4150
CALIFORNIA	L39	Yes	S222	California Community Center	Community Center	3.0	85.1	353	434.5	0.104	463	93%	4272
BELLEVUE	L4	No				0.7	102.2	175	283.8	0.187	1063	34%	1782
SUN VALLEY GOLF COURSE	L40	Yes	S219	Sun Valley Community Center	Community Center	2.5	110.9	13	56.6	0.011	14	11%	144
LAPORTE	L41	No				0.5	93.7	398	577.7	0.018	105	39%	2328
ELLIOT SQUARE	L42	No				1.8	87.5	429	564.7	0.006	23	97%	3739
EMERSON	L43	No				2.5	93.7	201	297.9	0.035	228	18%	1313
MCNEELY LAKE	L44_C	No				-0.8	112.6	8	25.6	0.109	179	21%	340
MCNEELY LAKE	L44_B	No				2.4	98.5	29	79.9	0.009	24	23%	763
MCNEELY LAKE	L44_A	No				0.7	100.2	6	21.4	0.031	33	7%	96
BOONE SQUARE	L45	No				1.8	88.7	561	723.5	0.025	122	52%	3099
NEW WALNUT STREET PARK	L46	No				3.6	79.1	362	439.5	0.037	216	92%	5789
SLEVIN	L47	No				1.3	93.8	523	789.3	0.012	83	43%	3024
RUSSELL LEE	L48	Yes	S216	Southwick Community Center	Community Center	1.1	91.9	205	258.0	0.003	13	99%	5106
BEN WASHER	L5	No				4.6	75.6	473	635.1	0.037	243	60%	4183
DAVID ARMSTRONG EXTREME PARK	L50	No				1.7	80.3	235	361.7	0.044	168	65%	2709
MAGNOLIA	L51	No				2.2	91.3	396	654.4	0.030	292	42%	4306
MEDORA	L52	No				0.9	118.2	27	58.9	0.074	58	9%	61
MEMORIAL	L53	No				4.1	78.2	603	843.8	0.037	288	60%	5038
G.G. MOORE	L54	No				3.0	87.7	453	691.3	0.070	374	59%	3917
PARKHILL	L55	Yes	S218	Parkhill Community Center	Community Center	4.2	79.6	213	351.2	0.126	413	78%	3039
PATTERSON	L56	No				1.1	94.2	339	559.5	0.035	229	16%	1048
PEEWEE	L57	No				0.7	108.7	58	114.5	0.133	748	34%	1722
HUSTON QUIN	L58	No				1.9	92.0	311	603.2	0.117	735	38%	2407
GINNY REICHARD	L59	No				2.5	80.4	185	318.4	0.047	71	45%	1193
BINGHAM	L6	No				0.1	102.7	204	279.6	0.061	291	25%	1276
RIVERSIDE GARDENS	L60	No				0.7	116.6	24	70.9	0.015	20	25%	213
RIVERVIEW	L61	No				-0.1	110.8	16	67.9	0.000	0	0%	0
RIVERSIDE, THE FARNSLEY-MOREMAN LANDING	L62	No				-0.1	117.5	5	12.3	0.011	1	9%	7
RUBEL	L63	No				2.2	87.9	287	433.3	0.035	156	27%	1286
SHAWNEE	L64_C	No				-1.5	101.8	146	208.7	0.033	139	99%	4237
SHAWNEE	L64_B	No				-0.8	99.8	252	281.6	0.011	61	98%	5547
SHAWNEE	L64_A	No				-2.7	101.0	131	230.5	0.005	19	97%	3679
SHELBY	L65	Yes	S212	Shelby Park Community Center	Community Center	2.3	88.9	475	541.3	0.020	132	54%	3756
STORY AVENUE	L66	No				0.6	90.4	129	225.4	0.050	68	21%	397
SYLVANIA	L67	Yes	S220	Sylvania Community Center - CLOSED	Community Center - CLOSED	1.0	114.6	27	112.0	0.047	50	24%	701
TWIN PARK	L68	No				-0.9	112.8	21	49.5	0.048	3	3%	2
TYLER	L69	No				0.2	101.9	297	356.4	0.036	219	11%	682
BRADLEY	L7	No				1.9	93.4	81	188.1	0.059	246	30%	1303
WATTERSON LAKE	L70	No				0.6	96.8	117	399.6	0.119	905	78%	4560
WAYSIDE	L71	No				3.3	84.5	341	625.2	0.101	475	45%	2378
WILLOW	L72	No				-0.5	105.6	224	325.3	0.065	442	11%	741
GEORGE ROGERS CLARK	L73_B	No				0.4	105.6	64	79.1	0.036	132	11%	455
GEORGE ROGERS CLARK	L73_A	No				0.8	102.4	89	126.9	0.042	167	10%	396
CHEROKEE	L74_D	No				-3.7	122.6	12	18.0	0.032	62	9%	126
CHEROKEE	L74_C	No				-3.5	123.3	25	49.2	0.052	196	13%	449
CHEROKEE	L74_B	No				-4.5	123.6	43	54.2	0.042	46	18%	211
CHEROKEE	L74_A	No				-1.7	112.9	160	169.7	0.065	397	11%	635
E. LELAND TAYLOR	L76	No				0.2	97.5	159	289.6	0.006	35	87%	5403
SHAWNEE GOLF COURSE	L77	No				-0.8	101.4	50	147.3	0.009	43	85%	4385
WILLIAM BRITT	L78	No				1.7	87.7	393	564.1	0.003	13	95%	3839



HISTORICAL INEQUITIES BASE					ENVIRONMENTAL JUSTICE BASE			HEALTH & WELLNESS BASE			COMPOSITE SCORES			FINAL COMMUNITY		
Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile	Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJSscreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see CDC PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Walkshed Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, and Pop. Density Score)	Park Community Need Score (Each Site Receives Top Score Across All Walksheds)
36%	386	1.000	0.882	1.000	1.000	0.442	1.000	0.660	0.641	0.429	0.961	0.814	0.577	0.497	0.863	0.863
58%	462	0.760	0.908	1.000	0.842	0.716	0.525	0.869	0.953	0.707	0.889	0.694	0.843	0.451	0.872	0.872
7%	75	1.000	0.379	0.195	0.184	0.476	0.085	0.587	0.568	0.461	0.524	0.248	0.539	0.512	0.553	0.553
5%	13	0.023	0.031	0.034	0.691	0.354	0.000	0.583	0.575	0.092	0.029	0.348	0.416	0.125	0.279	0.279
35%	450	0.172	0.495	1.000	0.150	0.595	0.268	0.830	0.728	0.940	0.556	0.338	0.833	0.590	0.702	0.702
34%	383	0.038	0.795	1.000	0.491	0.683	0.575	0.747	0.845	0.918	0.611	0.583	0.837	0.381	0.731	0.731
9%	132	0.373	0.279	0.344	0.689	0.596	0.000	0.545	0.456	0.484	0.332	0.428	0.495	0.716	0.598	0.598
18%	74	0.294	0.072	0.192	0.000	0.331	0.000	0.569	0.453	0.042	0.186	0.110	0.354	0.160	0.246	0.390
14%	121	0.040	0.162	0.316	0.662	0.528	0.000	0.593	0.458	0.130	0.173	0.397	0.394	0.323	0.390	0.390
1%	4	0.055	0.021	0.009	0.182	0.505	0.000	0.480	0.491	0.035	0.028	0.229	0.335	0.146	0.224	0.390
25%	267	0.200	0.659	0.697	0.511	0.665	0.451	0.834	0.748	1.000	0.519	0.543	0.861	0.584	0.760	0.760
60%	816	0.354	1.000	1.000	0.995	0.800	0.844	0.885	0.832	0.715	0.785	0.880	0.810	0.619	0.938	0.938
37%	567	0.137	0.643	1.000	0.359	0.594	0.250	0.828	0.745	1.000	0.593	0.401	0.858	0.695	0.772	0.772
31%	427	0.021	1.000	1.000	0.312	0.621	0.675	0.683	0.797	0.420	0.674	0.536	0.633	0.508	0.713	0.713
22%	154	0.398	0.889	0.403	1.000	0.848	0.385	0.659	0.862	1.000	0.563	0.744	0.840	0.682	0.858	0.858
14%	80	0.276	0.576	0.209	0.477	0.782	0.229	0.781	0.789	0.588	0.354	0.496	0.719	0.410	0.600	0.600
20%	302	0.479	0.915	0.790	0.596	0.628	0.160	0.708	0.488	1.000	0.728	0.462	0.732	1.000	0.886	0.886
11%	13	0.095	0.013	0.034	0.253	0.253	0.000	0.689	0.596	0.096	0.047	0.169	0.460	0.067	0.225	0.225
22%	196	0.473	1.000	0.511	1.000	0.812	0.398	0.664	0.842	1.000	0.662	0.736	0.835	0.827	0.928	0.928
17%	192	0.614	0.833	0.502	0.820	0.679	0.385	0.759	0.693	1.000	0.649	0.628	0.818	0.654	0.833	0.833
63%	450	0.678	0.646	1.000	1.000	0.793	0.679	1.000	0.563	0.571	0.775	0.824	0.711	0.385	0.817	0.817
10%	117	0.376	0.223	0.306	0.310	0.588	0.000	0.519	0.430	0.910	0.302	0.299	0.620	0.638	0.563	0.563
6%	69	1.000	0.366	0.180	0.204	0.386	0.018	0.495	0.524	0.186	0.515	0.203	0.402	0.494	0.489	0.489
15%	229	1.000	0.511	0.598	0.535	0.619	0.197	0.735	0.623	0.981	0.703	0.450	0.780	0.629	0.777	0.777
19%	59	0.116	0.253	0.153	0.693	0.781	0.035	0.791	0.810	0.518	0.174	0.503	0.706	0.262	0.499	0.499
4%	37	0.477	0.271	0.097	0.018	0.470	0.073	0.506	0.475	0.455	0.282	0.187	0.478	0.504	0.440	0.440
15%	38	0.032	0.045	0.100	0.193	0.275	0.067	0.651	0.590	0.115	0.059	0.178	0.452	0.083	0.234	0.234
0%	0	0.000	0.000	0.000	0.000	0.356	0.000	0.000	0.000	0.110	0.000	0.119	0.037	0.000	0.047	0.047
0%	0	0.002	0.002	0.000	0.000	0.261	0.000	0.583	0.575	0.020	0.001	0.087	0.393	0.008	0.148	0.148
16%	121	0.256	0.273	0.315	0.597	0.677	0.097	0.590	0.525	0.705	0.281	0.457	0.606	0.469	0.550	0.550
27%	190	0.228	0.900	0.496	0.000	0.482	0.380	0.691	0.936	0.339	0.542	0.287	0.655	0.423	0.578	0.681
28%	367	0.100	1.000	0.957	0.000	0.511	0.479	0.677	0.885	0.458	0.686	0.330	0.674	0.557	0.681	0.681
21%	204	0.032	0.782	0.533	0.000	0.493	0.450	0.649	0.834	0.375	0.449	0.314	0.620	0.373	0.532	0.681
22%	264	0.216	0.798	0.690	0.632	0.663	0.354	0.708	0.633	0.880	0.568	0.550	0.741	0.684	0.771	0.771
4%	14	0.111	0.084	0.036	0.178	0.641	0.071	0.602	0.591	0.367	0.077	0.297	0.520	0.189	0.328	0.328
7%	41	0.082	0.149	0.108	0.267	0.303	0.000	0.559	0.497	0.182	0.113	0.190	0.413	0.293	0.306	0.306
0%	0	0.006	0.001	0.000	0.000	0.327	0.033	0.325	0.467	0.080	0.002	0.120	0.291	0.007	0.127	0.127
6%	86	0.360	0.145	0.226	0.058	0.480	0.000	0.439	0.390	0.580	0.243	0.179	0.470	0.603	0.453	0.453
10%	98	0.404	0.277	0.255	0.539	0.599	0.038	0.642	0.486	0.306	0.312	0.392	0.478	0.431	0.489	0.489
36%	495	1.000	0.969	1.000	0.166	0.552	0.837	0.836	0.734	0.650	0.990	0.518	0.740	0.578	0.857	0.857
19%	161	0.780	0.505	0.421	0.925	0.724	0.243	0.734	0.635	1.000	0.569	0.631	0.790	0.516	0.759	0.759
8%	134	0.725	0.157	0.349	0.000	0.428	0.000	0.442	0.389	0.529	0.411	0.143	0.453	0.673	0.509	0.509
3%	26	0.217	0.097	0.068	0.116	0.429	0.000	0.483	0.486	0.129	0.127	0.182	0.366	0.395	0.324	0.351
3%	31	0.274	0.084	0.082	0.229	0.474	0.000	0.481	0.467	0.206	0.147	0.235	0.385	0.393	0.351	0.351
8%	28	0.102	0.027	0.074	0.000	0.190	0.000	0.401	0.427	0.029	0.068	0.063	0.286	0.139	0.168	0.423
3%	22	0.322	0.095	0.057	0.000	0.181	0.000	0.438	0.383	0.080	0.158	0.060	0.300	0.346	0.262	0.423
16%	44	0.075	0.045	0.115	0.000	0.176	0.000	0.391	0.446	0.088	0.078	0.059	0.308	0.116	0.170	0.423
7%	104	0.652	0.135	0.271	0.000	0.327	0.000	0.443	0.385	0.276	0.353	0.109	0.368	0.565	0.423	0.423
24%	295	0.057	1.000	0.771	0.051	0.542	0.297	0.728	0.824	0.471	0.609	0.297	0.674	0.616	0.666	0.666
21%	253	0.071	0.932	0.662	0.000	0.487	0.317	0.680	0.840	0.240	0.555	0.268	0.587	0.509	0.581	0.581
36%	446	0.021	0.816	1.000	0.484	0.679	0.601	0.751	0.841	0.917	0.612	0.588	0.836	0.398	0.738	0.738

(CONTINUED) FIGURE 69. Community Need Score for Park Walksheds

Site Name	Parks For All IS (Site and Section)	Rec Facility On Site?	Parks For All ID (Facility)	Rec Facility Name	Rec Facility Type	DATA ANALYSIS							
						Heat: Average Degrees F Difference From Citywide Mean Temp, 2021 (Interface Studio analysis; data from TPL)	Vegetation: Average NDVI Score, 2020 (Interface Studio analysis; data from ESR)	Crime: Total UCR Part 1 Crimes, 2021 (LPD)	Crime: Density Per Square Mile of UCR Part 1 Crimes, 2021 (LPD)	Foreign Born Residents, Percent, 2020 (Interface Studio estimate using US Census Tract Data)	Foreign Born Residents Per Square Mile, 2020 (Interface Studio estimate using US Census Tract Data)	Minority Residents (Non-White), Percent	Minority Residents (Non-White), Density Per Square Mile
PORTLAND WHARF	L79	No				-2.8	96.7	62	330.6	0.021	58	37%	981
BUECHEL	L8	No				3.7	110.4	37	113.6	0.087	245	31%	1200
PORTLAND	L80	Yes	S214	Portland Community Center	Community Center	-0.3	91.7	231	382.9	0.021	86	37%	1560
WESTONIA	L81	No				1.6	89.0	298	544.9	0.002	11	49%	2701
HIGHVIEW	L82_B	No				3.0	101.5	49	109.8	0.100	457	32%	1163
HIGHVIEW	L82_A	No				2.6	104.2	26	60.8	0.065	95	20%	194
SHEPPARD	L83	No				3.4	82.2	334	429.0	0.017	67	97%	3543
OKOLONA	L84	No				4.0	103.2	137	246.5	0.256	894	48%	1840
CRESCENT HILL GOLF COURSE	L85	No				-1.8	111.0	35	73.9	0.057	182	17%	547
FARNSLEY	L86	No				0.1	107.7	60	117.2	0.114	540	27%	1210
CROSBY	L87	No				1.2	111.7	7	12.9	0.033	55	28%	406
VICTORY	L88	No				2.2	92.0	427	512.6	0.039	245	96%	6134
ST LOUIS	L89	No				2.9	90.7	289	445.0	0.034	236	96%	6193
CAMP TAYLOR	L9	No				0.6	97.1	144	207.8	0.004	9	10%	214
DES PRES	L90	No				1.6	109.7	19	36.1	0.132	440	15%	266
IVY COURT	L91	No				0.8	92.0	166	329.2	0.007	39	96%	5374
LONG RUN GOLF COURSE	L92	No				1.1	110.1	6	22.0	0.041	72	20%	367
SUN VALLEY	L93	No				2.0	113.4	21	35.2	0.022	60	14%	243
CHARLIE VETTINER GOLF COURSE	L94	No				1.2	116.1	11	44.3	0.031	16	29%	588
WAVERLY	L95	No				-1.2	123.2	1	3.3	0.034	20	12%	80
CHARLIE VETTINER	L96_A	No				0.4	121.4	6	26.2	0.000	0	0%	0
CHARLIE VETTINER	L96_B	No				-1.0	127.8	6	23.7	0.025	2	21%	16
IROQUOIS	L97_B	No				-0.7	107.5	250	233.6	0.191	771	42%	1523
IROQUOIS	L97_A	No				-1.6	117.3	78	90.7	0.084	198	30%	689
SENECA	L98_D	No				-4.2	125.0	3	12.6	0.039	15	16%	59
SENECA	L98_C	No				-1.1	111.1	22	40.3	0.029	95	8%	269
SENECA	L98_B	No				-1.9	115.0	9	15.9	0.042	123	6%	182
SENECA	L98_A	No				-0.8	109.0	15	19.0	0.038	146	7%	256
CHEROKEE GOLF COURSE	L99	No				-2.8	119.2	33	99.0	0.082	456	10%	621
LL LANNON TO DOWNTOWN GW	ND15	No				0.7	89.0	306	477.8	0.041	138	41%	1830
LL 29TH ST GREENWAY	ND16	No				-1.0	91.3	187	314.7	0.021	72	36%	1383
LL RUBBERTOWN GW	ND17	No				2.9	87.6	23	40.8	0.030	35	79%	533
LL MILL CREEK CUTOFF GW	ND18	No				1.0	110.1	11	23.8	0.025	22	36%	223
LL CANE RUN NORTH OF RIVERVIEW	ND19	No				1.8	101.6	75	63.2	0.025	17	27%	168





Family Poverty, Percent of Families	Family Poverty, Density of Families Per Square Mile	HISTORICAL INEQUITIES BASE			ENVIRONMENTAL JUSTICE BASE		HEALTH & WELLNESS BASE			COMPOSITE SCORES			FINAL COMMUNITY			
		Score: Foreign Born Density Per Square Mile	Score: Minority Population Density Per Square Mile	Score: Family Poverty Density Per Square Mile	Score: Heat Intensity	Score: Vegetation	Score: Air Quality (Air Toxics Respiratory Hazard Index) (Raw Data from EPA, see EJScreen tool for data)	Score: Poor Mental Health, Percent of Adults (Raw Data from CDC, see CDC PLACES tool for data)	Score: Chronic Physical Health Conditions (Combination of Obesity, Heart Disease, and Diabetes Scores)	Score: Crime Density Per Square Mile	Historical Inequities Score	Environmental Justice Score	Health & Wellness Score	Population Density Score	Walkshed Community Need Score (Combination of Hist. Inequities Score, Env. Justice Score, Health Score, and Pop. Density Score)	Park Community Need Score (Each Site Receives Top Score Across All Walksheds)
45%	251	0.095	0.209	0.654	0.000	0.553	0.100	0.805	0.730	0.538	0.319	0.218	0.691	0.265	0.453	0.453
9%	61	0.403	0.255	0.160	1.000	0.361	0.000	0.568	0.523	0.185	0.273	0.454	0.425	0.377	0.463	0.463
39%	343	0.140	0.332	0.896	0.000	0.623	0.211	0.819	0.724	0.623	0.456	0.278	0.722	0.417	0.568	0.568
37%	457	0.018	0.574	1.000	0.455	0.660	0.233	0.790	0.767	0.886	0.531	0.450	0.814	0.540	0.708	0.708
3%	31	0.750	0.247	0.082	0.834	0.485	0.000	0.531	0.506	0.179	0.360	0.440	0.405	0.361	0.475	0.475
2%	7	0.156	0.041	0.018	0.729	0.448	0.000	0.505	0.508	0.099	0.072	0.392	0.371	0.095	0.282	0.475
40%	374	0.110	0.753	0.976	0.950	0.757	0.824	0.832	0.880	0.698	0.613	0.844	0.803	0.360	0.794	0.794
16%	121	1.000	0.391	0.315	1.000	0.463	0.099	0.623	0.583	0.401	0.569	0.521	0.536	0.374	0.606	0.606
5%	49	0.299	0.116	0.127	0.000	0.354	0.000	0.415	0.454	0.120	0.181	0.118	0.330	0.318	0.287	0.287
7%	72	0.886	0.257	0.189	0.020	0.399	0.000	0.500	0.491	0.191	0.444	0.140	0.394	0.437	0.429	0.429
0%	0	0.091	0.086	0.000	0.318	0.344	0.000	0.414	0.484	0.021	0.059	0.221	0.306	0.141	0.221	0.221
37%	491	0.402	1.000	1.000	0.596	0.619	0.471	0.797	0.922	0.834	0.801	0.562	0.851	0.628	0.862	0.862
30%	399	0.388	1.000	1.000	0.810	0.638	0.427	0.741	0.868	0.724	0.796	0.625	0.777	0.636	0.859	0.859
11%	65	0.015	0.045	0.170	0.159	0.548	0.000	0.511	0.515	0.338	0.076	0.236	0.455	0.221	0.300	0.300
2%	6	0.722	0.057	0.015	0.435	0.371	0.000	0.457	0.494	0.059	0.264	0.269	0.337	0.174	0.316	0.316
40%	470	0.064	1.000	1.000	0.224	0.619	0.382	0.753	0.868	0.535	0.688	0.408	0.719	0.555	0.718	0.718
0%	0	0.118	0.078	0.000	0.306	0.365	0.000	0.394	0.403	0.036	0.065	0.224	0.278	0.185	0.228	0.228
0%	2	0.099	0.052	0.004	0.558	0.319	0.000	0.625	0.553	0.057	0.052	0.292	0.412	0.168	0.280	0.280
15%	56	0.027	0.125	0.147	0.338	0.281	0.000	0.501	0.461	0.072	0.100	0.206	0.345	0.201	0.258	0.258
0%	0	0.033	0.017	0.000	0.000	0.183	0.000	0.487	0.501	0.005	0.017	0.061	0.331	0.066	0.144	0.144
0%	0	0.000	0.000	0.000	0.117	0.208	0.000	0.000	0.000	0.043	0.000	0.108	0.014	0.000	0.037	0.111
0%	0	0.003	0.003	0.000	0.000	0.118	0.000	0.504	0.405	0.039	0.002	0.039	0.316	0.007	0.111	0.111
18%	133	1.000	0.324	0.346	0.000	0.402	0.147	0.637	0.608	0.380	0.557	0.183	0.542	0.354	0.496	0.496
10%	79	0.324	0.146	0.207	0.000	0.265	0.038	0.608	0.577	0.148	0.226	0.101	0.444	0.229	0.303	0.496
13%	13	0.025	0.013	0.033	0.000	0.158	0.000	0.394	0.444	0.021	0.024	0.053	0.286	0.037	0.121	0.277
2%	24	0.156	0.057	0.062	0.000	0.352	0.000	0.385	0.431	0.065	0.092	0.117	0.294	0.321	0.250	0.277
8%	60	0.202	0.039	0.157	0.000	0.297	0.000	0.392	0.444	0.026	0.132	0.099	0.287	0.276	0.241	0.277
3%	34	0.240	0.054	0.089	0.000	0.381	0.000	0.412	0.425	0.031	0.128	0.127	0.289	0.371	0.277	0.277
13%	192	0.748	0.132	0.501	0.000	0.239	0.000	0.445	0.388	0.161	0.460	0.080	0.331	0.597	0.445	0.445
20%	164	0.227	0.389	0.428	0.205	0.661	0.416	0.839	0.716	0.777	0.348	0.427	0.777	0.436	0.603	0.603
36%	273	0.118	0.294	0.712	0.000	0.629	0.197	0.794	0.741	0.512	0.375	0.275	0.682	0.375	0.517	0.517
33%	50	0.058	0.113	0.130	0.793	0.681	0.309	0.702	0.774	0.066	0.100	0.594	0.514	0.067	0.387	0.387
16%	22	0.036	0.047	0.056	0.277	0.365	0.000	0.627	0.551	0.039	0.047	0.214	0.406	0.061	0.220	0.220
10%	18	0.028	0.036	0.046	0.498	0.484	0.000	0.627	0.551	0.103	0.036	0.327	0.427	0.061	0.258	0.258

FIGURE 70. Community Center Operations Funding Proportion

Facility Data											
Comm. Center Name	Parks For All ID (Site)	Parks For All ID (Facility)	Regional Comm. Center Recommended?	Hours Open Per Week	Total Pop. Within A 10 Minute Walk (Walk-shed Pop), 2020 (ESRI Demographics; ACS 5-Yr)	Facility Square Footage	Gym on Site?	Total Program Spaces	Percent of HHs w/Food Stamps/SNAP Within a 10 Minute Walk, 2020 (ACS 5-Yr)	Percent of HHs with 0 Vehicles Within a 10 Minute Walk, 2020 (ACS 5-Yr)	Percent of Pop. Who Are Children Under 18 Within a 10 Minute Walk, 2020 (ACS 5-Yr)
California Comm. Center	L39	S222	1	45	3,717	18,644	1	11	49.08	60.16	27.51
Parkhill Comm. Center	L55	S218	1	45	2,367	21,162	1	6	48	46.63	35.17
South Louisville Comm. Center	L261	IS003	0	49	4,504	17,950	1	4	19.69	49.2	23
Shawnee Comm. Center	L260	IS002	0	45	4,176	9,825	1	2	39.22	61.69	25.77
Southwick Comm. Center	L48	S216	1	45	4,095	18,681	1	3	33.45	60.32	29.08
Molly Leonard Portland Comm. Center	L80	S214	0	45	2,552	15,066	1	2	27.2	49.97	25.39
Newburg Comm. Center	L262	S221	0	49	1,828	17,888	1	1	20.66	3.18	26.37
Beechmont Comm. Center	L126	S223	0	45	3,035	12,384	0	4	15.25	22.85	19.75
Wilderness Road Senior Center	IS107	ADD22	0	45	1,666	3,970	0	4	15.36	6.85	18.67
Metro Arts Comm. Center	IS101	IS004	0	45	1,571	4,101	0	4	6.49	37.37	20.83
Berrytown Recreation Center	L105	S450	1	45	406	20,614	1	5	0	0	23.21
Douglass Comm. Center	L17	S226	0	49	2,362	8,056	1	0	0.88	19.42	16.53
Cyril Allgeier Comm. Center	L134	S215	0	50	245	13,565	1	1	7.38	3.45	16.98
Sun Valley Comm. Center	L40	S219	1	49	292	23,067	0	5	6.38	0	20.83
Watson-Powell (Berrytown Annex)	IS106	ADD15	0	8	252	4,376	0	3	0	0	23.25
Baxter Comm. Center	L101	S213									



Operations Score Base Scores

Composite Scores

Final Operations Proportion

Percent of Pop. Who Are Seniors Over 65 Within a 10 Minute Walk, 2020 (ACS 5-Yr)	Diversity Index, 2022 (ESRI Demographics)	Score: Hours Open Per Week	Score: Center Square Footage	Score: Gym On Site	Score: Program Spaces	Score: Pct SNAP Participation	Score: Pct Vehicle Access	Score: Pct Child Pop	Score: Pct Senior Pop	Score: Diversity Index	Comm. Center Operations Score	Comm. Need Score (For the walkshed in which the facility is location)	Final Comm. Center Operations Proportion (Combination of Operations Score and Comm. Need Score)
12.75	37.9	0.900	0.808	1.000	1.000	1.000	0.975	0.782	0.503	0.554	1.000	0.872	0.094
6.62	42.9	0.900	0.917	1.000	0.545	0.978	0.756	1.000	0.261	0.627	0.929	0.817	0.088
13.08	68.4	0.980	0.778	1.000	0.364	0.401	0.798	0.654	0.516	1.000	0.863	0.841	0.086
15.85	24.2	0.900	0.426	1.000	0.182	0.799	1.000	0.733	0.626	0.354	0.800	0.851	0.083
12.31	17.5	0.900	0.810	1.000	0.273	0.682	0.978	0.827	0.486	0.256	0.826	0.713	0.077
12.85	53.7	0.900	0.653	1.000	0.182	0.554	0.810	0.722	0.507	0.785	0.813	0.568	0.069
15.02	59.8	0.980	0.775	1.000	0.091	0.421	0.052	0.750	0.593	0.874	0.736	0.624	0.068
18.67	68	0.900	0.537	0.000	0.364	0.311	0.370	0.562	0.737	0.994	0.635	0.652	0.065
21.01	64.2	0.900	0.172	0.000	0.364	0.313	0.111	0.531	0.829	0.939	0.553	0.520	0.054
19.18	48.4	0.900	0.178	0.000	0.364	0.132	0.606	0.592	0.757	0.708	0.563	0.496	0.053
21.27	64.9	0.900	0.894	1.000	0.455	0.000	0.000	0.660	0.840	0.949	0.757	0.202	0.048
25.33	23.4	0.980	0.349	1.000	0.000	0.018	0.315	0.470	1.000	0.342	0.595	0.327	0.046
24.53	26.7	1.000	0.588	1.000	0.091	0.150	0.056	0.483	0.968	0.390	0.628	0.290	0.046
18.94	35	0.980	1.000	0.000	0.455	0.130	0.000	0.592	0.748	0.512	0.587	0.279	0.043
21.27	65	0.160	0.190	0.000	0.273	0.000	0.000	0.661	0.840	0.950	0.409	0.165	0.029

PARKS FOR ALL

AN EQUITY INITIATIVE LED BY PARKS ALLIANCE OF LOUISVILLE

Dear Neighbor:

Public parks are free and open to all. They can strengthen communities and have a positive impact on our health and the environment. The Parks Alliance of Louisville and Louisville Parks and Recreation are working together to improve our public parks and **WE NEED TO HEAR FROM YOU!**

Why did you get this survey?

Your household was **randomly** selected to receive the survey. If you have any questions about the survey, please call (913) 254-4514.

Action Requested

Please complete this survey and mail it back in the enclosed prepaid envelope addressed to ETC Institute, 725 W. Frontier Circle, Olathe, KS 66061 **or** take the survey online at louisvilleparkssurvey.org. It takes approximately 10-15 minutes to complete. The Parks Alliance of Louisville has partnered with ETC Institute (an independent consultant) to conduct the survey. All responses will remain **confidential**.

Survey data will help us better prioritize how we maintain, program, and fund our public parks. Your feedback is an important part of our "Parks For All" initiative because we believe residents should guide solutions. With your help, we can improve the future of ALL Louisvillians.

To stay informed on the status of Parks For All, and learn results of this survey, please visit ParksAllianceLou.org.

Thank you for taking the time to share your thoughts with us.



Si desea participar en la encuesta y no habla inglés, llame al 1-844-811-0411. Gracias.

إذا كنت ترغب في المشاركة في الاستبيان ولا تتحدث الإنجليزية ، ييحي الاتصال بالرقم 1-844-247-8190. شكرا

Haddii aad jeclaan lahayd inaad ka qayb qaadato sahanka oo aadan ku hadlin Ingiriisiga, fadlan wac 1-866-991-5215. Mahadsanid.

Ikiwa ungependa kushiriki katika utafiti na usiongee Kiingereza, tafadhali piga simu kwa 1-888-971-6612. Asante.

यदि तपाईं सर्वेक्षणमा भाग लिन चाहनुहुन्छ र अंग्रेजी बोल्नुहुन्न भने, कृपया 1-866-991-5290 मा कल गर्नुहोस्। धन्यवाद।

2022 Louisville Parks and Recreation Needs Assessment

Let your voice be heard today! Louisville Metro requests your input to help us improve our parks and recreation system. Parks, greenspaces, recreation facilities and programs contribute significantly to quality of life and your opinions are very valuable to us. We greatly appreciate your time and insights. If you would prefer to complete the survey on-line, please go to louisvilleparkssurvey.org.

1. **When you think about what makes a community a "great place to live," how important are each of the following things? Please rate the importance of each item in the list below using a scale of 1 to 7, where 7 means "Extremely Important" and 1 means "Not at All Important."**

How important is...	Extremely Important		Somewhat Important			Not at All Important	
01. Sense of community	7	6	5	4	3	2	1
02. Job opportunities	7	6	5	4	3	2	1
03. Public transportation	7	6	5	4	3	2	1
04. Parks/Trails/Recreation	7	6	5	4	3	2	1
05. Crime rates/safety	7	6	5	4	3	2	1
06. Traffic congestion	7	6	5	4	3	2	1
07. Arts/Culture/Nightlife	7	6	5	4	3	2	1
08. Quality Public schools	7	6	5	4	3	2	1
09. Quality/Affordability of housing	7	6	5	4	3	2	1
10. Shops and restaurants	7	6	5	4	3	2	1

2. **Think about any indoor and/or outdoor recreation that you and members of your household engage in. Which of the following do you and members of your household use for indoor and/or outdoor recreation? [Check all that apply.]**

- | | |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------|
| <input type="checkbox"/> (01) Louisville parks/recreation facilities | <input type="checkbox"/> (08) Homeowners association facilities |
| <input type="checkbox"/> (02) Public/Parochial/Private schools | <input type="checkbox"/> (09) Private health fitness clubs or classes |
| <input type="checkbox"/> (03) Churches/Mosques/Synagogues/Houses of worship | <input type="checkbox"/> (10) Private country clubs |
| <input type="checkbox"/> (04) Private sports leagues | <input type="checkbox"/> (11) College/University facilities |
| <input type="checkbox"/> (05) YMCA | <input type="checkbox"/> (12) Other: _____ |
| <input type="checkbox"/> (06) Parks/Facilities outside Louisville | <input type="checkbox"/> (13) None of the above |
| <input type="checkbox"/> (07) Boys/Girls Club | |

3. **From the following list, please CHECK ALL of the ways you would like to learn about Louisville Parks and Recreation Department programs and events.**

- | | |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <input type="checkbox"/> (01) Parks and recreation "Program Guide" | <input type="checkbox"/> (09) Email/Eblasts from Metro Government |
| <input type="checkbox"/> (02) Louisville Parks and Rec website | <input type="checkbox"/> (10) Metro Council member newsletter |
| <input type="checkbox"/> (03) Materials at parks or recreation facilities | <input type="checkbox"/> (11) Metro Government newsletter |
| <input type="checkbox"/> (04) Conversations with recreation staff | <input type="checkbox"/> (12) Social media (Facebook, Twitter, Instagram) |
| <input type="checkbox"/> (05) Newspaper/Magazines | <input type="checkbox"/> (13) Parks App |
| <input type="checkbox"/> (06) Friends and neighbors | <input type="checkbox"/> (14) Flyers |
| <input type="checkbox"/> (07) Promotions at special events | <input type="checkbox"/> (15) Other: _____ |
| <input type="checkbox"/> (08) Banners at parks or Metro Government facilities | |

4. **Rate the overall condition of the Louisville park and recreation system on a scale from 1 to 10, where 10 means "Excellent" and 1 means "Poor."**

Excellent Poor Don't Know
 10 9 8 7 6 5 4 3 2 1 99

5. **Have you or any members of your household visited parks in Louisville within the last 12 months?**
 ____ (1) Yes ____ (2) No ____ (3) Not Sure

6. **Facility/Amenity Needs.** Please indicate if you or any member of your household has a need for each of the Louisville park and recreation facilities listed below by circling either "Yes" or "No." If "Yes," please rate all the following Louisville park and recreation facilities available to residents using a scale of 1 to 4, where 4 means your household needs are "Fully Met" and 1 means your household needs are "Not Met."

Type of Facility/Amenity	Do you have a need for this facility/amenity?		If Yes, how well are your needs met?			
	Yes	No	Fully Met	Mostly Met	Partly Met	Not Met
01. Amphitheater	Yes	No	4	3	2	1
02. Cricket pitch	Yes	No	4	3	2	1
03. Community/Senior centers (multi-use space for events, exercise and activities)	Yes	No	4	3	2	1
04. Computer labs in community centers	Yes	No	4	3	2	1
05. Disc golf courses	Yes	No	4	3	2	1
06. Dog parks (off-leash)	Yes	No	4	3	2	1
07. Equestrian/Stable	Yes	No	4	3	2	1
08. Golf courses (course, clubhouse, driving range)	Yes	No	4	3	2	1
09. Indoor basketball/volleyball courts (indoor gyms)	Yes	No	4	3	2	1
10. Indoor racket sports courts (tennis, pickleball)	Yes	No	4	3	2	1
11. Lighted diamond and rectangular sports fields (baseball, softball, football, rugby, soccer) <i>Which field/park?</i>	Yes	No	4	3	2	1
12. Multi-use paved & unpaved trails (hiking, biking, walking)	Yes	No	4	3	2	1
13. Open space conservation & forested areas	Yes	No	4	3	2	1
14. Outdoor courts (volleyball and basketball)	Yes	No	4	3	2	1
15. Outdoor exercise/fitness areas	Yes	No	4	3	2	1
16. Outdoor racket sports courts (tennis, pickleball)	Yes	No	4	3	2	1
17. Outdoor restrooms (permanent, port-a-john)	Yes	No	4	3	2	1
18. Outdoor/Indoor swimming pools	Yes	No	4	3	2	1
19. Pavilions and picnic areas - indoor/outdoor (picnic table, grill, shelter)	Yes	No	4	3	2	1
20. Playgrounds	Yes	No	4	3	2	1
21. Spraygrounds/Spraypads	Yes	No	4	3	2	1
22. Water fountains/bottle filling stations	Yes	No	4	3	2	1
23. Other: _____	Yes	No	4	3	2	1

7. **Which FOUR facilities from the list in Question 6 are MOST IMPORTANT to your household?** [Write in your answers below using the numbers from the list in Question 6, or circle "NONE."]

1st: ____ 2nd: ____ 3rd: ____ 4th: ____ NONE

8. **Program Needs.** Please indicate if you or any member of your household has a need for each of the Louisville Parks and Recreation Department programs listed below by circling either "Yes" or "No." If "Yes," please rate how well your needs are being met by the Louisville Parks and Recreation Department programs of this type using a scale of 1 to 4, where 4 means your household needs are "Fully Met" and 1 means your household needs are "Not Met."

Type of Program	Do you have a need for this program?		If Yes, how well are your needs met?			
	Yes	No	Fully Met	Mostly Met	Partly Met	Not Met
01. Adult adapted recreation programs	Yes	No	4	3	2	1
02. Adult fitness programs (including water)	Yes	No	4	3	2	1
03. Adult sports leagues	Yes	No	4	3	2	1
04. Adult swim programs	Yes	No	4	3	2	1
05. Family programs	Yes	No	4	3	2	1
06. Preschool programs	Yes	No	4	3	2	1
07. Races (running, triathlon, bicycling)	Yes	No	4	3	2	1
08. Senior programs	Yes	No	4	3	2	1
09. Special events/festivals	Yes	No	4	3	2	1
10. Support services (family, youth, adult)	Yes	No	4	3	2	1
11. Teen programs	Yes	No	4	3	2	1
12. Teen/Young adult (at-risk) programs	Yes	No	4	3	2	1
13. Teen/Young adult workforce development programs	Yes	No	4	3	2	1
14. Youth adapted recreation programs	Yes	No	4	3	2	1
15. Youth art, dance, and performing arts programs	Yes	No	4	3	2	1
16. Youth before/after school programs	Yes	No	4	3	2	1
17. Youth camp programs	Yes	No	4	3	2	1
18. Youth environmental education programs and camps	Yes	No	4	3	2	1
19. Youth fitness programs (including water)	Yes	No	4	3	2	1
20. Youth meal programs	Yes	No	4	3	2	1
21. Youth sports leagues	Yes	No	4	3	2	1
22. Youth summer programs and camps	Yes	No	4	3	2	1
23. Youth swim programs	Yes	No	4	3	2	1
24. Other: _____	Yes	No	4	3	2	1

9. **Which FOUR programs listed in Question 8 are MOST IMPORTANT to your household?** [Write in your answers below using the numbers from the list in Question 8, or circle "NONE."]

1st: ____ 2nd: ____ 3rd: ____ 4th: ____ NONE

10. **Maintenance.** Please rate your satisfaction with each of the following maintenance activities provided in Louisville parks using a scale of 1 to 5, where 5 means "Very Satisfied," and 1 means "Very Dissatisfied."

How satisfied are you with...	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	Don't Know
01. Athletic court maintenance	5	4	3	2	1	9
02. Athletic field maintenance	5	4	3	2	1	9
03. Boat ramp maintenance	5	4	3	2	1	9
04. Community/Senior center maintenance	5	4	3	2	1	9
05. Dog park (off leash) maintenance and care	5	4	3	2	1	9
06. Golf course maintenance	5	4	3	2	1	9
07. Graffiti removal/vandalism repair	5	4	3	2	1	9
08. Landscape care	5	4	3	2	1	9
09. Mowing	5	4	3	2	1	9
10. Path/Sidewalk (paved) maintenance	5	4	3	2	1	9
11. Pavilion/Picnic area maintenance	5	4	3	2	1	9
12. Playground safety and maintenance	5	4	3	2	1	9
13. Pool/Spraypad/Sprayground maintenance	5	4	3	2	1	9
14. Restroom maintenance	5	4	3	2	1	9
15. Specialized facility maintenance (disc golf, cyclocross, amphitheater)	5	4	3	2	1	9
16. Trail (non-paved) maintenance	5	4	3	2	1	9
17. Tree care	5	4	3	2	1	9
18. Waste pickup	5	4	3	2	1	9
19. Waterways/Lakes (maintaining and stocking fishing ponds and lakes)	5	4	3	2	1	9

11. Which FOUR of the maintenance activities listed in Question 10 are MOST IMPORTANT to your household? [Write in your answers below using the numbers from the list in Question 10, or circle "NONE."]

1st: ____ 2nd: ____ 3rd: ____ 4th: ____ NONE

12. **Transportation.** Please rate your satisfaction with each of the transportation items listed below to get to and from parks using a scale of 1 to 5, where 5 means "Very Satisfied," and 1 means "Very Dissatisfied."

How satisfied are you with...	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied	N/A
1. The ease of travel to parks in Louisville by car	5	4	3	2	1	9
2. The ease of travel to parks in Louisville by public transit	5	4	3	2	1	9
3. The ease of travel to parks in Louisville by bicycle	5	4	3	2	1	9
4. The ease of pedestrian travel to parks in Louisville	5	4	3	2	1	9

13. Please CHECK ALL the reasons that deter you or other members of your household from using Louisville parks, recreation facilities, or programs more often. [Check all that apply.]

- | | |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> (01) No parks near us | <input type="checkbox"/> (12) Lack of multi-sport fields (for soccer, baseball, softball, etc.) in one location |
| <input type="checkbox"/> (02) No recreation facilities near us | <input type="checkbox"/> (13) Lack of adequate park security |
| <input type="checkbox"/> (03) No recreation programs near us | <input type="checkbox"/> (14) I/We don't personally feel safe in the park or facilities |
| <input type="checkbox"/> (04) I/We use parks/facilities outside of the Louisville Metro Area | <input type="checkbox"/> (15) I/We don't feel welcome |
| <input type="checkbox"/> (05) Lack of accessibility due to disabilities | <input type="checkbox"/> (16) Parking is inadequate |
| <input type="checkbox"/> (06) Lack of trail connectivity to the park | <input type="checkbox"/> (17) Parks and park amenities are in poor condition |
| <input type="checkbox"/> (07) Lack of public transit access to the park | <input type="checkbox"/> (18) Recreation facilities are in poor condition |
| <input type="checkbox"/> (08) They do not meet my/our needs | <input type="checkbox"/> (19) Poor quality recreation programs |
| <input type="checkbox"/> (09) Recreation facilities not conveniently located | <input type="checkbox"/> (20) I/We are not aware of what is available |
| <input type="checkbox"/> (10) Operating hours of recreation facilities are not convenient | <input type="checkbox"/> (21) I/We have no time or interest |
| <input type="checkbox"/> (11) Recreation program times are not convenient | <input type="checkbox"/> (22) Other: _____ |

Now tell us about the parks and/or recreation facilities that you visit MOST OFTEN. You can fill out information for one, two, or three locations. (Note: By "recreation facilities", we mean any public place that you use for recreational activities, like pools, community centers, skate parks, trails, playgrounds, golf courses, athletic fields, spray pads, and more.)

14-1a. Park/Recreation Facility #1: What is the park's/facility's name? _____

14-1b. Rate this location's overall condition on a scale from 1 to 10, where 10 is the best.

Excellent											Poor
10	9	8	7	6	5	4	3	2	1		1

14-1c. Why did you say it is in that condition? _____

14-1d. How important are the following needs at this location? Rank from 1 (most important) to 4 (least important).

- Totally new designs and amenities** (major investments to completely replace existing or build new amenities)
- Fixing what is there** (major investments to fix existing amenities, extend their life, and improve functionality & safety)
- Better day-to-day maintenance** (regular investments for repair or upkeep)
- Expanded programming** (everything from sports leagues to computer classes to movies in the park, career services, events, music performances, and more.)

14-2a. Park/Recreation Facility #2: What is the park's/facility's name? _____

14-2b. Rate this location's overall condition on a scale from 1 to 10, where 10 is the best.

Excellent											Poor
10	9	8	7	6	5	4	3	2	1		1

14-2c. Why did you say it is in that condition? _____

14-2d. How important are the following needs at this location? Rank from 1 (most important) to 4 (least important).

- Totally new designs and amenities** (major investments to completely replace existing or build new amenities)
- Fixing what is there** (major investments to fix existing amenities, extend their life, and improve functionality & safety)
- Better day-to-day maintenance** (regular investments for repair or upkeep)
- Expanded programming** (everything from sports leagues to computer classes to movies in the park, career services, events, music performances, and more.)



14-3a. Park/Recreation Facility #3: What is the park's/facility's name? _____

14-3b. Rate this location's overall condition on a scale from 1 to 10, where 10 is the best.

Excellent
10 9 8 7 6 5 4 3 2 Poor
1

14-3c. Why did you say it is in that condition? _____

14-3d. How important are the following needs at this location? Rank from 1 (most important) to 4 (least important).

- ___ **Totally new designs and amenities** (major investments to completely replace existing or build new amenities)
- ___ **Fixing what is there** (major investments to fix existing amenities, extend their life, and improve functionality & safety)
- ___ **Better day-to-day maintenance** (regular investments for repair or upkeep)
- ___ Expanded programming (everything from sports leagues to computer classes to movies in the park, career services, events, music performances, and more.)

15. How would you prioritize \$100 for Louisville parks, recreation facilities and programs? Please show how you would allocate the funds among the categories of funding listed below in specific dollar amounts. [Please be sure your total adds up to \$100.]

- \$ _____ Fix existing parks
- \$ _____ Fix existing recreation facilities (i.e., fitness facilities, computer labs, lighting, gyms)
- \$ _____ Transform existing parks
- \$ _____ Transform existing recreation facilities (i.e., community centers, pools, tennis center)
- \$ _____ Increase maintenance of parks and recreation facilities (i.e., trash pick-up, restroom cleaning, mowing)
- \$ _____ Increase programming in parks (i.e., more activities, events, classes)
- \$ _____ Create new parks
- \$ _____ Build new recreation facilities (i.e., community centers, pools, sport complexes)

\$100 total

16. Louisville Metro Government per capita spending on parks and recreation is \$40 (per 2021-22 Metro Government Budget). For similarly sized cities, the average per capita spending on parks is \$107 (per Trust for Public Land, 2021). How would you like to see Louisville Metro Government per capita spending for the Louisville Parks and Recreation Department?

- ___(1) Reduce funding level
- ___(2) Keep close to current funding level
- ___(3) Increase slightly above current funding level
- ___(4) Increase significantly above current funding level but less than the national average
- ___(5) Increase to match the national average
- ___(6) Increase to above the national average

17. Which ONE of the following statements best represents how you feel the Louisville Parks and Recreation Department's funding should be paid?

- ___(1) 100% through taxes
- ___(2) 75% through taxes and 25% from user fees
- ___(3) 50% through taxes and 50% from user fees
- ___(4) 25% through taxes and 75% from user fees
- ___(5) 100% through user fees
- ___(9) Don't know

18. How might you vote on a tax levy to fund increased spending for Louisville Parks and Recreation Department? (By law, tax cannot exceed \$.05 on each \$100 of taxable property within Louisville Metro. At the maximum of \$.05, the estimated cost would \$50 per \$100,000 property value.)

- ___(1) Vote in favor
- ___(2) Might vote in favor
- ___(3) Not sure
- ___(4) Vote against

19. **Costs to improve current parks, recreation facilities, and recreation programming, and develop new parks, trails, recreation facilities, and recreation programming would need to be paid through tax revenues and user fees. Knowing this, what is the maximum amount of additional tax you would be willing to pay to improve the Louisville parks and recreation system with the parks, trails, recreation facilities, and programs you have indicated are most important to your household?**

- (1) \$.01 on each \$100 of taxable property (\$10 per \$100,000 property value)
- (2) \$.02 on each \$100 of taxable property (\$20 per \$100,000 property value)
- (3) \$.03 on each \$100 of taxable property (\$30 per \$100,000 property value)
- (4) \$.04 on each \$100 of taxable property (\$40 per \$100,000 property value)
- (5) \$.05 on each \$100 of taxable property (\$50 per \$100,000 property value)
- (6) Nothing

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

20. **Which of the following best describes your race? [Check all that apply.]**

- (01) Asian or Asian Indian
- (02) Black or African American
- (03) American Indian or Alaska Native
- (04) White
- (05) Native Hawaiian or other Pacific Islander
- (06) Hispanic, Spanish, or Latino/a/x
- (99) Other: _____

21. **What are the predominant languages spoken in your household? [Check all that apply.]**

- (1) English
- (2) Spanish
- (3) Arabic
- (4) Somali
- (5) Swahili
- (6) Nepali
- (7) Other: _____

22. **Counting yourself, how many people in your household are...**

- | | | | |
|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Under age 5: <input type="checkbox"/> | Ages 15-19: <input type="checkbox"/> | Ages 35-44: <input type="checkbox"/> | Ages 65-74: <input type="checkbox"/> |
| Ages 5-9: <input type="checkbox"/> | Ages 20-24: <input type="checkbox"/> | Ages 45-54: <input type="checkbox"/> | Ages 75-84: <input type="checkbox"/> |
| Ages 10-14: <input type="checkbox"/> | Ages 25-34: <input type="checkbox"/> | Ages 55-64: <input type="checkbox"/> | Ages 85+: <input type="checkbox"/> |

23. **What is your age? _____ years**

24. **Do you own or have access to a car whenever you need it? (1) Yes (2) No**

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

- (1) Under \$35,000
- (2) \$35,000 to \$74,999
- (3) \$75,000 to \$99,999
- (4) \$100,000 to \$149,999
- (5) \$150,000 to \$199,999
- (6) \$200,000 or more
- (7) Prefer not to answer

26. **Would you like to receive updates about this project? (1) Yes (2) No**

27. **Would you be interested in helping advocate for more resources at your parks?**

- (1) Yes
- (2) No

28. **If you said YES to either Question 26 and/or Question 27, please leave at least ONE way that we can get in touch with you. Your contact information will never be shared outside of this project, and your answers to this survey will always remain anonymous.**

E-mail: _____ Mailing Address: _____

Mobile Number: _____

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.
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EJ Funding Distributions

APPROACH A – NO TAX

APPROACH A - NO PARK TAX

TOTAL REVENUE GENERATED*		TOTAL NEW DOLLARS OVER FY23 (\$36.8M)	DISTRIBUTION OF TOTAL NEW FUNDS				
			Rehabilitation 34%	Maintenance 30%	Recreation 13.5%	Capital 12.5%	Strategic Administrative Support 10%
FY24-28	By FY28 - \$60M at ~\$77/resident (increase of \$23.2M over FY23)	\$ 23,200,000	\$ 7,888,000	\$ 6,960,000	\$ 3,132,000	\$ 2,900,000	\$ 2,320,000
FY29-33	By FY33 - \$72.3M at ~\$92/resident (increase of \$12.3M over FY28)	\$ 35,500,000	\$ 12,070,000	\$ 10,650,000	\$ 4,792,500	\$ 4,437,500	\$ 3,550,000
FY34-38	By FY38 - \$86.4M at ~\$110/resident (increase of \$14.1M over FY29-FY33)	\$ 49,600,000	\$ 16,864,000	\$ 14,880,000	\$ 6,696,000	\$ 6,200,000	\$ 4,960,000

BREAKDOWN OF REVENUE SOURCES & AMOUNTS			
	Metro Govt General Fund	Philanthropic Community Commitment	Park Tax Levy (Funds available in FY28)
FY24-28	By FY28 - Increase to \$55.9M at ~\$72/resident	By FY28 - Increase to \$4.1M at ~\$5/resident	\$0
FY29-33	By FY33 - Increase to \$65.8M at ~\$84/resident	By FY33 - Increase to \$6.5M at ~\$8/resident	\$0
FY34-38	By FY38 - Increase to \$78.1M at ~\$100/resident	By FY38 - Increase to \$8.3M at ~\$10/resident	\$0

*Revenue dollars do not include inflationary increases; funding recommendations will need to be adjusted to account for inflation to allow for Lou Parks & Recreation to be funded on par with national averages.

DETAIL OF ANNUAL REVENUE SOURCES & AMOUNTS - NO TAX

Fiscal Year	Metro Govt General Fund	Philanthropic Community Commitment	Park Tax Levy	TOTAL FUNDING	Total New Dollars Metro + Phil Over FY23	Total New Dollars Metro + Phil Over FY23	New Metro Govt General Fund Dollars Over FY23	New Metro Govt General Fund Dollars Over FY23	New Philanthropic Dollars Over FY23	New Philanthropic Dollars Over FY23
					Each Year	Cumulative	Each Year	Cumulative	Each Year	Cumulative
FY19	\$31,200,000	\$2,100,000	\$0	\$33,300,000						
FY23	\$34,700,000	\$2,100,000	\$0	\$36,800,000						
FY24	\$39,500,000	\$2,600,000	\$0	\$42,100,000	\$5,300,000	\$5,300,000	\$4,800,000	\$4,800,000	\$500,000	\$500,000
FY25	\$43,500,000	\$3,100,000	\$0	\$46,600,000	\$4,500,000	\$9,800,000	\$4,000,000	\$8,800,000	\$500,000	\$1,000,000
FY26	\$47,500,000	\$3,600,000	\$0	\$51,100,000	\$4,500,000	\$14,300,000	\$4,000,000	\$12,800,000	\$500,000	\$1,500,000
FY27	\$51,500,000	\$4,100,000	\$0	\$55,600,000	\$4,500,000	\$18,800,000	\$4,000,000	\$16,800,000	\$500,000	\$2,000,000
FY28	\$55,900,000	\$4,100,000	\$0	\$60,000,000	\$4,400,000	\$23,200,000	\$4,400,000	\$21,200,000	\$0	\$2,000,000
FY29	\$57,900,000	\$4,600,000	\$0	\$62,500,000	\$2,500,000	\$25,700,000	\$2,000,000	\$23,200,000	\$500,000	\$2,500,000
FY30	\$59,800,000	\$5,000,000	\$0	\$64,800,000	\$2,300,000	\$28,000,000	\$1,900,000	\$25,100,000	\$400,000	\$2,900,000
FY31	\$61,800,000	\$5,500,000	\$0	\$67,300,000	\$2,500,000	\$30,500,000	\$2,000,000	\$27,100,000	\$500,000	\$3,400,000
FY32	\$63,800,000	\$6,000,000	\$0	\$69,800,000	\$2,500,000	\$33,000,000	\$2,000,000	\$29,100,000	\$500,000	\$3,900,000
FY33	\$65,800,000	\$6,500,000	\$0	\$72,300,000	\$2,500,000	\$35,500,000	\$2,000,000	\$31,100,000	\$500,000	\$4,400,000
FY34	\$68,300,000	\$6,900,000	\$0	\$75,200,000	\$2,900,000	\$38,400,000	\$2,500,000	\$33,600,000	\$400,000	\$4,800,000
FY35	\$70,700,000	\$7,250,000	\$0	\$77,950,000	\$2,750,000	\$41,150,000	\$2,400,000	\$36,000,000	\$350,000	\$5,150,000
FY36	\$73,200,000	\$7,600,000	\$0	\$80,800,000	\$2,850,000	\$44,000,000	\$2,500,000	\$38,500,000	\$350,000	\$5,500,000
FY37	\$75,700,000	\$7,950,000	\$0	\$83,650,000	\$2,850,000	\$46,850,000	\$2,500,000	\$41,000,000	\$350,000	\$5,850,000
FY38	\$78,100,000	\$8,300,000	\$0	\$86,400,000	\$2,750,000	\$49,600,000	\$2,400,000	\$43,400,000	\$350,000	\$6,200,000

ANNUAL METRO GOVT ALLOCATIONS OF NEW REVENUE BY ACTIVITY - NO TAX

Fiscal Year	Metro Govt General Fund Dollars	Total New Dollars Metro Over FY23	Total New Dollars Metro Over FY23	Rehabilitation 34%	Maintenance 30%	Recreation 13.5%	Capital 12.5%	Strategic Admin Support 10%
		Each Year	Cumulative	Each Year Cumulative	Each Year Cumulative	Each Year Cumulative	Each Year Cumulative	Each Year Cumulative
FY23	\$34,700,000							
FY24	\$39,500,000	\$ 4,800,000	\$4,800,000	\$1,632,000	\$1,440,000	\$648,000	\$600,000	\$480,000
FY25	\$43,500,000	\$ 4,000,000	\$8,800,000	\$2,992,000	\$2,640,000	\$1,188,000	\$1,100,000	\$880,000
FY26	\$47,500,000	\$ 4,000,000	\$12,800,000	\$4,352,000	\$3,840,000	\$1,728,000	\$1,600,000	\$1,280,000
FY27	\$51,500,000	\$ 4,000,000	\$16,800,000	\$5,712,000	\$5,040,000	\$2,268,000	\$2,100,000	\$1,680,000
FY28	\$55,900,000	\$ 4,400,000	\$21,200,000	\$7,208,000	\$6,360,000	\$2,862,000	\$2,650,000	\$2,120,000
FY29	\$57,900,000	\$ 2,000,000	\$23,200,000	\$7,888,000	\$6,960,000	\$3,132,000	\$2,900,000	\$2,320,000
FY30	\$59,800,000	\$ 1,900,000	\$25,100,000	\$8,534,000	\$7,530,000	\$3,388,500	\$3,137,500	\$2,510,000
FY31	\$61,800,000	\$ 2,000,000	\$27,100,000	\$9,214,000	\$8,130,000	\$3,658,500	\$3,387,500	\$2,710,000
FY32	\$63,800,000	\$ 2,000,000	\$29,100,000	\$9,894,000	\$8,730,000	\$3,928,500	\$3,637,500	\$2,910,000
FY33	\$65,800,000	\$ 2,000,000	\$31,100,000	\$10,574,000	\$9,330,000	\$4,198,500	\$3,887,500	\$3,110,000
FY34	\$68,300,000	\$ 2,500,000	\$33,600,000	\$11,424,000	\$10,080,000	\$4,536,000	\$4,200,000	\$3,360,000
FY35	\$70,700,000	\$ 2,400,000	\$36,000,000	\$12,240,000	\$10,800,000	\$4,860,000	\$4,500,000	\$3,600,000
FY36	\$73,200,000	\$ 2,500,000	\$38,500,000	\$13,090,000	\$11,550,000	\$5,197,500	\$4,812,500	\$3,850,000
FY37	\$75,700,000	\$ 2,500,000	\$41,000,000	\$13,940,000	\$12,300,000	\$5,535,000	\$5,125,000	\$4,100,000
FY38	\$78,100,000	\$ 2,400,000	\$43,400,000	\$14,756,000	\$13,020,000	\$5,859,000	\$5,425,000	\$4,340,000

APPROACH B - WITH TAX

APPROACH B - WITH PARK TAX 2026 BALLOT

TOTAL REVENUE GENERATED*		TOTAL NEW DOLLARS OVER FY23 (\$36.8M)	DISTRIBUTION OF TOTAL NEW FUNDS				
			Rehabilitation 34%	Maintenance 30%	Recreation 13.5%	Capital 12.5%	Strategic Administrative Support 10%
FY24-27	By FY27 - \$51.8M at ~\$66/resident (increase of \$15M over FY23)	\$ 15,000,000	\$ 5,100,000	\$ 4,500,000	\$ 2,025,000	\$ 1,875,000	\$ 1,500,000
FY28	By FY28 - \$60M at ~\$76/resident (increase of \$8.2M over FY24-27)	\$ 23,200,000	\$ 7,888,000	\$ 6,960,000	\$ 3,132,000	\$ 2,900,000	\$ 2,320,000
FY29-33	By FY33 - \$72.3M at ~\$92/resident (increase of \$12.3M over FY28)	\$ 35,500,000	\$ 12,070,000	\$ 10,650,000	\$ 4,792,500	\$ 4,437,500	\$ 3,550,000
FY34-38	By FY38 - \$86.4M at ~\$110/resident (increase of \$14.1M over FY29-FY33)	\$ 49,600,000	\$ 16,864,000	\$ 14,880,000	\$ 6,696,000	\$ 6,200,000	\$ 4,960,000

BREAKDOWN OF REVENUE SOURCES & AMOUNTS			
	Metro Govt General Fund	Philanthropic Community Commitment	Park Tax Levy (Funds available in FY28)
FY24-27	By FY27 - Increase to \$47.7M at ~\$61/resident	By FY27 - Increase to \$4.1M at ~\$5/resident	\$0
FY28	By FY28 - Continue at \$47.7M at \$61/resident	By FY28 - Continue at \$4.1M at ~\$5/resident	FY28 - \$.01 Park Tax Levy - revenue ~\$8.2M annually
FY29-33	By FY33 - Increase to \$57.6M to ~\$74/resident	By FY33 - Increase to \$6.5M at ~\$8/resident	FY29-33 - \$.01 Park Tax Levy - revenue ~\$8.2M annually
FY34-38	By FY38 - Increase to \$69.9M to ~\$89/resident	By FY38 - Increase to \$8.3M at ~\$11/resident	FY34-38 - \$.01 Park Tax Levy - revenue ~\$8.2M annually

*Revenue dollars do not include inflationary increases; funding recommendations will need to be adjusted to account for inflation to allow for Lou Parks & Recreation to be funded on par with national averages.

DETAIL OF ANNUAL REVENUE SOURCES & AMOUNTS - WITH TAX

Fiscal Year	Metro Govt General Fund	Philanthropic Community Commitment	Park Tax Levy	TOTAL FUNDING	Total New Dollars	Total New Dollars	New General Fund + Tax	New General Fund + Tax	New Philanthropic Dollars Over	New Philanthropic Dollars Over
					Genl Fund + Phil + Tax Over FY23	Genl Fund + Phil + Tax Over FY23	Dollars Over FY23	Dollars Over FY23	FY23	FY23
					Each Year	Cumulative	Each Year	Cumulative	Each Year	Cumulative
FY19	\$31,200,000	\$2,100,000	\$0	\$33,300,000						
FY23	\$34,700,000	\$2,100,000	\$0	\$36,800,000						
FY24	\$39,500,000	\$2,600,000	\$0	\$42,100,000	\$5,300,000	\$5,300,000	\$4,800,000	\$4,800,000	\$500,000	\$500,000
FY25	\$42,000,000	\$3,100,000	\$0	\$45,100,000	\$3,000,000	\$8,300,000	\$2,500,000	\$7,300,000	\$500,000	\$1,000,000
FY26	\$44,500,000	\$3,600,000	\$0	\$48,100,000	\$3,000,000	\$11,300,000	\$2,500,000	\$9,800,000	\$500,000	\$1,500,000
FY27	\$47,700,000	\$4,100,000	\$0	\$51,800,000	\$3,700,000	\$15,000,000	\$3,200,000	\$13,000,000	\$500,000	\$2,000,000
FY28	\$47,700,000	\$4,100,000	\$8,200,000	\$60,000,000	\$8,200,000	\$23,200,000	\$8,200,000	\$21,200,000	\$0	\$2,000,000
FY29	\$49,700,000	\$4,600,000	\$8,200,000	\$62,500,000	\$2,500,000	\$25,700,000	\$2,000,000	\$23,200,000	\$500,000	\$2,500,000
FY30	\$51,600,000	\$5,000,000	\$8,200,000	\$64,800,000	\$2,300,000	\$28,000,000	\$1,900,000	\$25,100,000	\$400,000	\$2,900,000
FY31	\$53,600,000	\$5,500,000	\$8,200,000	\$67,300,000	\$2,500,000	\$30,500,000	\$2,000,000	\$27,100,000	\$500,000	\$3,400,000
FY32	\$55,600,000	\$6,000,000	\$8,200,000	\$69,800,000	\$2,500,000	\$33,000,000	\$2,000,000	\$29,100,000	\$500,000	\$3,900,000
FY33	\$57,600,000	\$6,500,000	\$8,200,000	\$72,300,000	\$2,500,000	\$35,500,000	\$2,000,000	\$31,100,000	\$500,000	\$4,400,000
FY34	\$60,100,000	\$6,900,000	\$8,200,000	\$75,200,000	\$2,900,000	\$38,400,000	\$2,500,000	\$33,600,000	\$400,000	\$4,800,000
FY35	\$62,500,000	\$7,250,000	\$8,200,000	\$77,950,000	\$2,750,000	\$41,150,000	\$2,400,000	\$36,000,000	\$350,000	\$5,150,000
FY36	\$65,000,000	\$7,600,000	\$8,200,000	\$80,800,000	\$2,850,000	\$44,000,000	\$2,500,000	\$38,500,000	\$350,000	\$5,500,000
FY37	\$67,500,000	\$7,950,000	\$8,200,000	\$83,650,000	\$2,850,000	\$46,850,000	\$2,500,000	\$41,000,000	\$350,000	\$5,850,000
FY38	\$69,900,000	\$8,300,000	\$8,200,000	\$86,400,000	\$2,750,000	\$49,600,000	\$2,400,000	\$43,400,000	\$350,000	\$6,200,000

ANNUAL METRO GOVT + PARK TAX ALLOCATIONS OF NEW REVENUE BY ACTIVITY - WITH TAX

Fiscal Year	Metro Govt General Fund Dollars	Park Tax Levy	Total General Fund + Tax Dollars	Total New Dollars	Total New Dollars	Rehabilitation 34%	Maintenance 30%	Recreation 13.5%	Capital 12.5%	Strategic Admin Support 10%
				General Fund + Tax Over FY23	General Fund + Tax Over FY23	Each Year Cumulative	Each Year Cumulative	Each Year Cumulative	Each Year Cumulative	Each Year Cumulative
				Each Year	Cumulative	Each Year	Each Year	Each Year	Each Year	Each Year
FY23	\$ 34,700,000									
FY24	\$39,500,000	\$0	\$39,500,000	\$ 4,800,000	\$4,800,000	\$1,632,000	\$1,440,000	\$648,000	\$600,000	\$480,000
FY25	\$42,000,000	\$0	\$42,000,000	\$ 2,500,000	\$7,300,000	\$2,482,000	\$2,190,000	\$985,500	\$912,500	\$730,000
FY26	\$44,500,000	\$0	\$44,500,000	\$ 2,500,000	\$9,800,000	\$3,332,000	\$2,940,000	\$1,323,000	\$1,225,000	\$980,000
FY27	\$47,700,000	\$0	\$47,700,000	\$ 3,200,000	\$13,000,000	\$4,420,000	\$3,900,000	\$1,755,000	\$1,625,000	\$1,300,000
FY28	\$47,700,000	\$8,200,000	\$55,900,000	\$ 8,200,000	\$21,200,000	\$7,208,000	\$6,360,000	\$2,862,000	\$2,650,000	\$2,120,000
FY29	\$49,700,000	\$8,200,000	\$57,900,000	\$ 10,200,000	\$23,200,000	\$7,888,000	\$6,960,000	\$3,132,000	\$2,900,000	\$2,320,000
FY30	\$51,600,000	\$8,200,000	\$59,800,000	\$ 10,100,000	\$25,100,000	\$8,534,000	\$7,530,000	\$3,388,500	\$3,137,500	\$2,510,000
FY31	\$53,600,000	\$8,200,000	\$61,800,000	\$ 10,200,000	\$27,100,000	\$9,214,000	\$8,130,000	\$3,658,500	\$3,387,500	\$2,710,000
FY32	\$55,600,000	\$8,200,000	\$63,800,000	\$ 10,200,000	\$29,100,000	\$9,894,000	\$8,730,000	\$3,928,500	\$3,637,500	\$2,910,000
FY33	\$57,600,000	\$8,200,000	\$65,800,000	\$ 10,200,000	\$31,100,000	\$10,574,000	\$9,330,000	\$4,198,500	\$3,887,500	\$3,110,000
FY34	\$60,100,000	\$8,200,000	\$68,300,000	\$ 10,700,000	\$33,600,000	\$11,424,000	\$10,080,000	\$4,536,000	\$4,200,000	\$3,360,000
FY35	\$62,500,000	\$8,200,000	\$70,700,000	\$ 10,600,000	\$36,000,000	\$12,240,000	\$10,800,000	\$4,860,000	\$4,500,000	\$3,600,000
FY36	\$65,000,000	\$8,200,000	\$73,200,000	\$ 10,700,000	\$38,500,000	\$13,090,000	\$11,550,000	\$5,197,500	\$4,812,500	\$3,850,000
FY37	\$67,500,000	\$8,200,000	\$75,700,000	\$ 10,700,000	\$41,000,000	\$13,940,000	\$12,300,000	\$5,535,000	\$5,125,000	\$4,100,000
FY38	\$69,900,000	\$8,200,000	\$78,100,000	\$ 10,600,000	\$43,400,000	\$14,756,000	\$13,020,000	\$5,859,000	\$5,425,000	\$4,340,000



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