



## **PUBLIC MEETING NOTICE AND AGENDA PARKS AND RECREATION BOARD MEETING**

**SEPTEMBER 5, 2019**

**6:30 p.m.**

### **AGENDA**

1. Call to Order
2. Roll Call
3. Public Comment on Agenda Items Only
4. Approval of August 1, 2019 Park & Recreation Board Meeting Minutes
5. Old Business
  - A. Facility Use Discussion
    - Indian Trail Beach House
    - 9017 Haligus Road
    - Larsen Property
6. New Business
  - A. American Legion Donation Presentation
  - B. Ryder Park – Biba Smart Playground
  - C. Park Stewardship
7. Staff Reports
  - A. Event Analysis
    - Bass and Pike Derby
    - Park Parties
8. Trustee Liaison Report
9. Member Comments
10. Audience Participation

The public is invited to make an issue-oriented comment on any matter of public concern not otherwise on the agenda. The public comment may be no longer than 3 minutes in duration.
11. Adjournment

#### MEETING LOCATION

Village Hall  
600 Harvest Gate  
Lake in the Hills, IL 60156

*The Village of Lake in the Hills is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations so that they can observe and/or participate in this meeting, or who have questions regarding the accessibility of the meeting or the Village's facilities, should contact the Village's ADA Coordinator at (847) 960-7410 [TDD (847) 658-4511] promptly to allow the Village to make reasonable accommodations for those persons.*



**VILLAGE OF LAKE IN THE HILLS**  
**PARKS & RECREATION BOARD MEETING**  
**August 1, 2019**

The Parks & Recreation Board meeting was called to order at 6:31 p.m. at the Lake in the Hills Village Hall Board Room. Those present were Members Andrea, Cairns, Lupo, Sandage, Anderson, Lupo and Chairwoman Tredore. Also present were Community Services Director Fred Mullard, Assistant Director of Parks & Recreation Megan Croy, Recreation Coordinator Michelle Steffey, Preschool Supervisor Jessica Lucarelli, Trustee Diane Murphy, Super Intendent of Public Properties Scott Parchutz, and Customer Service Specialist Trevor Kathleen Smith.

**PUBLIC COMMENT ON AGENDA ITEMS—None**

**APPROVAL OF MINUTES**

A motion to approve the minutes of the Parks & Recreation Board meeting of June 6, 2019 was made by Member Andrea and seconded by Member Cairns. The motion was approved by a voice vote of 6-0.

**OLD BUSINESS—FACILITY USE DISCUSSION**

- A. Indian Trail Beach:** Assistant Director Croy reopened the topic of the, now vacant, Indian Trail Beach House. Croy encouraged Members to again weigh in on what direction they wanted to go in terms of utilizing the space. Discussion among the members ensued and many of the members agreed that they would like to see the space become more family friendly and bring more people to the lake. There was a lot of discussion about making it a rental property so Assistant Director Croy said she would put together a list of potential expenses to convert it into a rental space.
- B. 9017 Haligus Rd:** Assistant Director Croy reopened the discussion about 9017 Haligus Road and what to do with the property once the demolition has been done on the house currently located on the property. The members discussed this property and the majority of them agreed that parking is really needed in that area and a parking lot would be the best use of the property. Community Services Director Mullard mentioned that a part of the long term plan for sunset park included adding more baseball fields and parking. The members asked to see a mock-up of that plan to help them decide if more parking would still be needed if the plan were to move forward.

**NEW BUSINESS—**

- A. Facility Use Discussion- Larsen Property:** Assistant Director Croy lead a discussion with the members about possible uses for the Larsen property now that the home that was located at 1111 Pyott Road was demolished and a plan is in place to demolish the remaining structures. Assistant Director Croy shared that they are currently looking into whether or not the silo will need to be demolished due to structural safety. The members then engaged in a discussion about possible uses for this property once the demolition has been completed.
- B. PARK STEWARDSHIP:** Assistant Director Croy presented the topic of Park Stewardship to the members. Members reported their findings and shared improvement ideas on their assigned parks.

## **STAFF REPORTS**

- A. Key Performance Indicators:** Assistant Director Croy briefly went over the Key Performance Indicator chart that was provided in the agenda packet.
- B. Hain House Performance statistics:** Assistant Director Croy went over the Hain House Performance Chats that were provided in the agenda packet.

## **TRUSTEE LIAISON REPORT**

Trustee Murphy just took a moment to thank the parks and recreation department and board for doing such a wonderful job.

## **MEMBER COMMENTS**

The board members had no further comments.

## **AUDIENCE PARTICIPATION**

Walter Weinert asked the board and department of parks and recreation why we are no longer sponsoring the Sunset 5K because he wanted to be able to volunteer his time. Member Anderson provided Mr. Weinert with the contact information of the race sponsors so he can get in touch with them to volunteer for this event.

## **ADJOURNMENT**

Member Andrea made a motion to adjourn the meeting. Member Anderson seconded the motion. The motion was approved by a voice vote of 6-0. The meeting adjourned at 7:42 p.m.

Submitted by,

*Trevor Kathleen Smith*

Customer Service Specialist



# INFORMATIONAL MEMORANDUM

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**MEETING DATE:** September 5, 2019  
**DEPARTMENT:** Community Services  
**SUBJECT:** Facility Discussion - Indian Trail Beach House

## EXECUTIVE SUMMARY

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The Preschool Academy classroom previously occupying the beach house has been relocated to Village Hall for the 2019-2020 school year. With the beach house becoming vacant, we have discussed options for use at the last several meetings. Following is a list of options that have been mentioned:

- Rental space
- Program space for boy scout/girl scout or other community groups
- Boat rentals
- Teen center
- Greenhouse

Included in this packet is the original October 2016 Beach and Lake Use Analysis that was reported at the time we transitioned the beaches to "swim at your own risk".

## FINANCIAL IMPACT

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None

## ATTACHMENTS

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1. 2016 Beach and Lake Use Analysis

## SUGGESTED DIRECTION

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Conduct an active discussion regarding opportunities for future use of the Indian Trail Beach house.



# Beach & Lake Use Analysis

Village of Lake in the Hills  
Parks and Recreation Department  
October 2016

# Current Annual Usage

138 Lake Use Tags Purchased – up to six family members each

136 Boat Stickers Purchased

60 Boat Slips Rented

Anyone who purchases a boat slip needs a boat sticker and lake use tags. Anyone who purchases a boat sticker also needs lake use tags.

# Annual Usage Comparison

2007	\$16,822
2008	\$14,735
2009	\$14,921
2010	\$15,476
2011	\$10,997
2012	\$10,556
2013	\$10,056
2014	\$7,133
2015	\$7,439

# Current Daily Usage

Lake Use Tags – 174 in June, 111 in July, 60 in August/September (average 3.8 per day)

Resident Daily Fees – 604 in June, 489 in July, 258 in August/September (average 15 per day)

Non-Resident Daily Fees – 184 in June, 75 in July, 35 in August/September (average 3.2 per day)



# Beach Staff

2016 Beach Staff included 1 Manager, 1 Assistant Manager, 2 Lifeguards, and 6 Cashiers totaling **\$15,544** in wages.

Additional staff related expenses includes suit uniforms for \$40 each, ARC training for \$250 each and training hours.

Challenges: Difficult to find staff interested in working as a lifeguard or those able to pass the course. American Red Cross Waterfront Certification class.

# 2016 Revenue/Expenses

<b>REVENUE</b>	<b>\$18,058</b>
<b>Net Revenue</b>	<b>-\$1,524</b>
Wages	\$15,542
Training	\$750
Staff Recognition	\$100
Medical	\$800
Water Testing	\$800
Printing	\$600
Supplies	\$750
Uniforms	\$240
Total Expense	\$19,582

# Option 1

## Continue with Current Operations

Indian Trail Beach  
guarded daily 12pm –  
6pm

Limited boat rentals

Limited concession  
sales

Cashier



## Option 2

### Indian Trail Beach and Butch Hagele Beach

#### Swim at Your Own Risk

Revenue - \$6,500

- boat slips, stickers, lake use tags

Expenses - \$1,400

- Water testing and printing

**NET REVENUE - \$5,100**



## Option 2

- Changing beach operations to Swim at Your Own Risk would allow the Recreation Supervisor formerly in charge of Beach Operations time to conduct Youth Sports instructional programs in-house.
- This would significantly reduce costs paid to contractors for these programs. Potential increased revenue would be approximately \$9,000 in 2017.



## Option 3

Revenue – \$15,410

- boat slips, stickers, lake use tags = \$6,500
- Boat rentals = \$8,640
  - 16 rentals x \$6 x 90 days

Expenses - \$14,645

- Staff wages, training, uniforms
- Supplies, including 2 kayak, 2 canoes, 2 fishing boats, 1 paddle boat
- Medical, Printing, water testing



**NET REVENUE - \$495.00**

**Will increase in 2018**



# INFORMATIONAL MEMORANDUM

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**MEETING DATE:** September 5, 2019  
**DEPARTMENT:** Community Services  
**SUBJECT:** Facility Discussion - 9017 Haligus

## EXECUTIVE SUMMARY

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Recently the Village Board approved ending the residential lease of the home at 9017 Haligus Rd. At this time, staff would like to engage in discussion of potential uses for the property. Previous discussion has determined that preferred use of the space would expand parking. HR Green provided a basic sketch of a parking lot option that fits with a proposed curved alignment of Haligus Rd.

As requested by the Parks and Recreation Board at the August meeting, included is the Sunset Park Master Plan sketch showing additional athletic fields and parking adjacent to the Public Works facility.

## FINANCIAL IMPACT

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None

## ATTACHMENTS

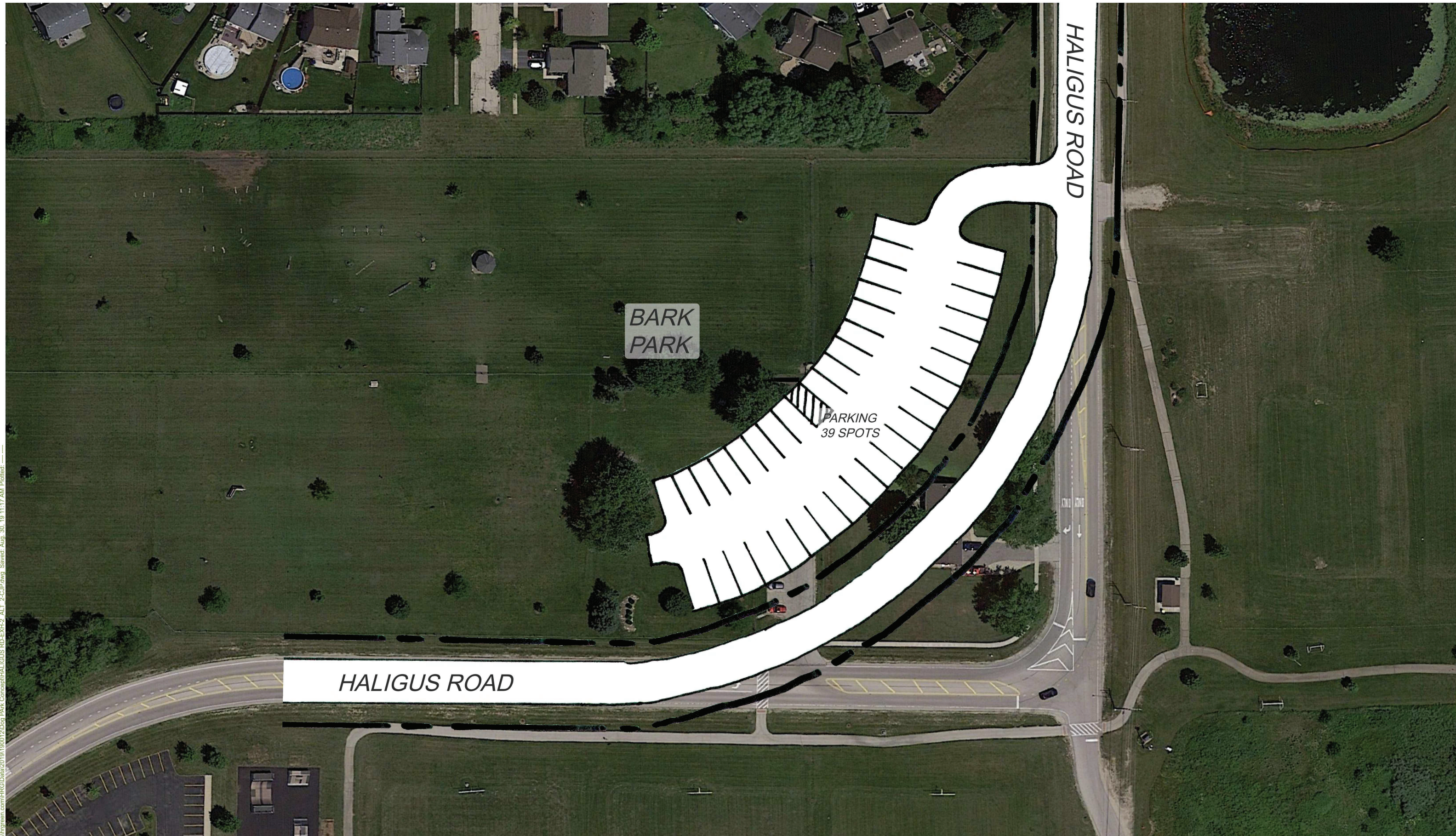
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1. HR Green parking lot sketch
2. Sunset Park master Plan sketch

## SUGGESTED DIRECTION

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Conduct an active discussion regarding opportunities for future use of the property at 9017 Haligus Road.



\\hrgreen.com\HRG\Draw\2019\190012\Dog Park Concept\HALIGUS RD-EXH-2\_Alt\_2-CJP.dwg Saved: Aug. 30, 19 11:17 AM Plotted: 8/30/19

BARK PARK  
LAKE IN THE HILLS  
LAKE IN THE HILLS, IL



 NORTH  
0 40 80 120  
SCALE: 1" = 40'  
August 30, 2019

All map data should be considered as preliminary in need of verification and subject to change. This exhibit is conceptual in nature and does not represent any regulatory approval. Plan is subject to change.







# INFORMATIONAL MEMORANDUM

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**MEETING DATE:** September 5, 2019  
**DEPARTMENT:** Community Services  
**SUBJECT:** Facility Discussion - Larsen Property

## EXECUTIVE SUMMARY

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Recently the home at 1111 Pyott Rd. was demolished, beginning a longer-term project to demolish the remaining structures previously utilized and operated as a horse farm. Trustee Harlfinger led an ad hoc committee formed to determine possible uses and opportunities to retain the historical integrity of the property. The ad hoc committee has completed their work and tasked the Parks and Recreation Division in continuing the work on the project. Their recommendations include maintaining the silo and utilizing pieces of beams in the design. Staff has enlisted an engineer from HR Green to inspect the silo to determine if the structure can be restored.

It has been noted that as we progress in the plan, resident input should be sought.

Discussion at the August meeting identified the following options as potentially desirable:

- Indoor/Outdoor shelter
- Sled hill
- Splash pad
- Fitness pad
- Walking path

## FINANCIAL IMPACT

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None

## ATTACHMENTS

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1. Fitness Pad Idea Sketch
2. Staff brainstorm list

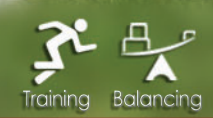
## SUGGESTED DIRECTION

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Conduct a continued active discussion regarding opportunities for future use of the Larsen property.



# Ackerman Fitness - Phase 1



## Larsen Property Ideas

Fire Pits	Year Round	
Seating	Year Round	
Concession stand \$-\$\$\$	Year Round	
Bathrooms	Year Round	
Parking \$ (LITH Res free)	Year Round	
Giant Lawn Games	Year Round	
Barn / Rental space \$\$\$\$	Year Round	
Walking Paths	Year Round	
Playground	Year Round	
Train \$	Year Round	
Roller Blade Ribbon \$\$	Spring / Summer / Fall	
Bags \$	Spring / Summer / Fall	
Batting Cages \$	Spring / Summer / Fall	
Mini Golf \$\$	Spring / Summer / Fall	
Picnic Shelter Rentals \$\$\$	Spring / Summer / Fall	
Splash Pad \$	Summer	
Hay Rack Rides \$	Fall	
Ice Skating Ribbon \$\$\$	Winter	
Sled Hill	Winter	
Hockey Sauce \$	Winter	<a href="http://www.hockeysaucekit.com">www.hockeysaucekit.com</a>

## **Event Ideas**

Movie nights

Seasonal festivities - Egg hunt, fall fest (pumpkin carvings, hay rides), winter fest (ice sculptures, snow forts)

21 & over nights – sell alcohol

Monthly farmers market

Teen Barn dances

Outdoor concerts

Food truck nights

Polar Express

Hot Tub weekend

Tournaments - Table tennis, corn hole

Campouts

Yoga / meditation classes

New Festival location for Pub in the Park

## **Inspiration**

Maggie Daley Skating Ribbon, Chicago IL <https://maggiedaleypark.com/>

The Rock Sports Complex, Franklin WI Umbrella Bar – Outdoor concert <http://www.rockcomplex.com/>

The Hub, Elmhurst Park District <https://www.epd.org/facilities/hub-berens-park>

Hoosier Grove Barn, Streamwood Park District <https://www.hoosiergrovebarn.com/>

Blackberry Farm, Fox Valley Park District <https://www.blackberryfarm.info/>



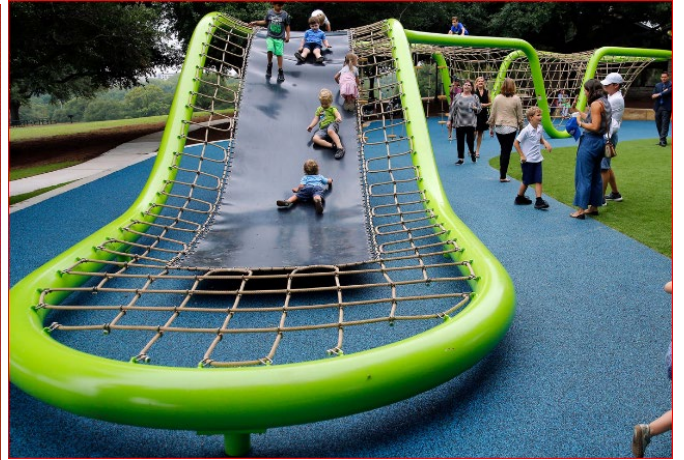














Larsen Park

Google

Flexible Sta



# INFORMATIONAL MEMORANDUM

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**MEETING DATE:** September 5, 2019  
**DEPARTMENT:** Community Services  
**SUBJECT:** Ryder Park - Biba Smart Playground

## EXECUTIVE SUMMARY

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The playground at Ryder Park was replaced in 2018, including an exciting opportunity for kids and families to combine digital and physical play. The playground is equipped with augmented reality markers and an instructional sign that guides kids and their parent or caregiver through fun and interactive games.

When the Biba application is used, we are also able to receive valuable reports that provide us with statistics and data regarding park usage.

## FINANCIAL IMPACT

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None

## ATTACHMENTS

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1. Biba Brochure
2. July 2019 Data Report

## SUGGESTED DIRECTION

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None



# Your Handbook To Smarter Playground Data





Congratulations. You're now the proud owner of a Biba playground!

Biba playgrounds are the only playgrounds in the world that can generate evergreen data about what's happening in your community's play spaces by leveraging live data, national comparative benchmarks and on-going user sampling...and all in a way that's 100% private & secure.

As you read through this handbook, you'll become familiarized with the features of Biba: a system that gives you the power to transform your playground data into ROI-driven insights, craft better programming, write tighter grant proposals and showcase the best features of your community.

Let's work together to turn smart play into even smarter data.

**Matt Toner,**  
**CEO**

A handwritten signature in black ink that reads "Matt Toner".





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<b>Biba Components</b>	<b>4</b>
<b>How Do Biba Games Work?</b>	<b>5</b>
<b>How Does The Data Work?</b>	<b>6</b>
<b>What Does a Biba Report Look Like?</b>	<b>7</b>
<b>How Does The Data Work For You?</b>	<b>8</b>
<b>The Biba PlayScore</b>	<b>9</b>
<b>Frequently Asked Questions</b>	<b>10</b>

# WHAT IS BIBA?

Year over year, annual national surveys report a decline in physical activity amongst children and a corresponding increase in screen time. Biba addresses the problem of excessive screen-time in exactly this fashion, seeking to re-orient the screen-fixation of kids, towards healthy, outdoor play. While helping achieve these healthy outcomes, these games then collect a slew of data points around peak playground hours/days, physical activity levels of children playing and impacting factors on park attendance, all in a **COPPA** compliant fashion.

## So Why Biba Games?

We collect actionable data for park and playground owners that help you make key decisions around expenditures, maintenance and program planning for your parks. We accomplish this through a suite of digital, imagination-driven mobile games intended for parents to play with their 3-9 year olds on the playground: games which interact directly with the augmented reality markers installed on your equipment.

**Our product is research-driven.** Not only is our design philosophy rooted in years of research, but we have committed heavily to user-testing and field work with partners such as **PlayPower** and **Simon Fraser University**. Our findings, published in the **Journal of Child Health Care\***, strongly point to enjoyment of the product by kids and families, and confirm that kids truly get more active on playgrounds when using it. This makes Biba a benefit to families and to you.

**Only 14% of children aged 5-11 are getting the recommended amount of 60 minutes of moderate to vigorous physical activity a day**

**(ParticipACTION, 2017)**

\*Patten, J., Iarocci, G. & Bojin, N. (2017). A pilot study of children's physical activity levels during imagination-based mobile games. *Journal of Child Health Care*. Vol 21, Issue 3



# BIBA COMPONENTS

The items installed on your playground that facilitate Biba play include:

- Up to 6 augmented reality (AR) markers
- One instructional sign

Based on research and consultation with park owners, we have designed our system to be rugged and durable for the lifetime of your playground. There are no electronics or moving parts involved whatsoever. The markers themselves are designed to be easy to clean should they be defaced and all installations\* are ADA compliant in their placement at 4.5 ft from surfacing.

In fact, the system requires no updating what-so-ever. The only technology that will ever require updating are the games on the phones of the families who use Biba. This means that Biba components can be used in a whole variety of new ways just based on software updates to our game offerings. Simple hardware makes for evergreen technology.



**6 COLORED AR MARKERS**



**1 INSTRUCTIONAL SIGN**

\*If you have any questions about how your Biba markers or signage has been installed, please feel free to contact us at [info@playbiba.com](mailto:info@playbiba.com).

# HOW DO BIBA GAMES WORK?

Biba games are played with the parent as the referee. This means that the parent downloads the game and holds the phone through the entire game experience. This is not your heads-down Pokemon Go kind of experience—kids are unencumbered by the device, which means they are safe, devices are safe and physical activity remains the primary focus.

Our games are designed to be familiar to both parents and children, containing elements reminiscent of classic schoolyard games and common screen-based experiences. They're easy to learn and eminently social. All it takes is starting up a Biba game on a playground before you have an entire cluster of children playing along!

Finally, Biba adventures leverage the best part of being on a playground—imagination! Each of our games tap into common make-believe scenarios. For example, if a child is a car in '**Biba Drive!**', they're completing laps and stopping for repairs at a Pit Stop with the parent where they need to 'wipe their windshield' or 'fuel up' on the phone.

If a child is an archeologist in **Dino Dig**, they're squeezing through tubes and climbing up ladders to dusty dig sites where they can sweep, blow and chisel to unearth new bones on the phone. It's all about fun, imaginative game scenarios that naturally call for physical activity.



- Always FREE
- For iOS & Android
- COPPA Compliant
- 90/10 physical to screen
- Research-driven and field-tested
- Always in the hands of the parent

# HOW THE DATA WORKS

Means of municipal park data acquisition can range from expensive report commissions to less-than-ideal sample collection. But what if you could have access to data around how often playgrounds are used or which are the most popular?

Every time a Biba game is played, it lets us track a series of metrics, generating a statistically significant sample from which we can deliver reports on a monthly basis. On the right-hand side you can see everything we track—and this list is always growing.

We not only collect this data, but we cross reference them against available census info, crime stats and demography to get the best sense of your playground's usage.

While you will have access to basic reports about your playgrounds that tell you the key metrics around peak hours, days and weather impact, we will also be offering more robust reports that present a full annual analysis of all of your community's data and what it means to you.

## FULLY COPPA COMPLIANT

Finally, given all the data we collect, we as parents want to remain as responsible as possible in the capturing and handling of Biba data. As such, all of our data collection remains well within the confines of **COPPA** and **PIPEDA** privacy legislation. We never ask for or track personal information in our games and the games are always in the hands of the parent.

## Data Captured

Peak hours of usage

Peak days of usage

Weather Impact on session length/frequency

Wind Speed Impact on session length/frequency

Temperature Impact on session length/frequency

Activity profile for kids playing (measured against profiles derived through World Health Organization rubric)

Equipment reported on site

Condition of play site based on pop-up surveys

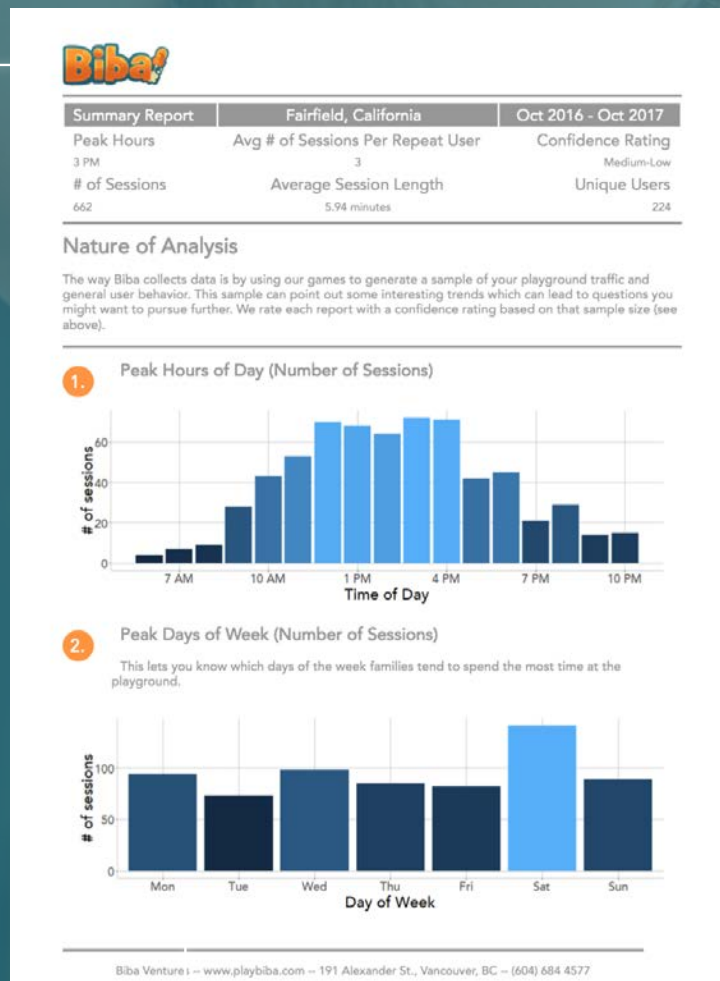
Preferred equipment by players

# WHAT DOES A BIBA REPORT LOOK LIKE?

Your first basic Biba reports will begin arriving in your inbox shortly after a confirmed installation. In fact, they may have already arrived! They are 4-5 pages in length and look something like this:

Summary of session/sample count, peak hours and avg. session length

Sample period, unique users and confidence rating.



The back of the report lists the data and terminology we use and what is being measured.

Several pages of basic graphs that provide a sense of key metrics such as peak hours and days or usages, impact of weather, temperature etc.

# HOW DOES THE DATA WORK FOR YOU?

The data we provide can help generate actionable data about your playgrounds, helping make key decisions around **expenditures**, **maintenance program planning** and **grant proposals**.

This means if you're looking for ideal times to schedule events in areas where you can expect the most attendance by families, our data can help guide that programming by letting you know how playground attendance is inflected by time of year, school holidays, regional demographic or general accessibility.

Should you be looking to evaluate where the best investment might be for a park upgrade, Biba data can show you where traffic is the highest, evaluate survey feedback on park condition or even let you know if certain weather conditions might necessitate the installation of shelters such as sunshading.

If you're penning a grant proposal in hopes of acquiring funding for a new facility or program, Biba data cross-references with regional census info and can work with you in providing the best data for backing your case.

Be it programming, facility improvements or program funding: Biba data can help.

# BIBA PLAYSORE

Although having robust Biba data can help with a great many of your tasks, sometimes you just need to know how well your playgrounds are doing at-a-glance. The Biba PLAYSore is exactly this: an easy to digest metric that you can share with peers and stakeholders that give you a sense as to how your playgrounds fare against those in similar cities with regards to accessibility, usage and amenities.

PLAYSore is a proprietary index that compares and classifies playgrounds across the world, providing a unique metric that quantifies the value of your city's playgrounds to the community they serve based on its accommodations for active play.

PLAYSore serves as a numerical representation, calculated through a variety of independently weighted datasets, to generate a comparative rating for each playground.

Data includes the raw size of playground spaces in the city, playground size percentage relevant to region, accessibility by foot and vehicle and regional population density. These metrics are then cross-referenced against third-party resources like weather, crime levels, census, demography and most importantly, exclusive data collected only from Biba's mobile games. Biba then generates a rating that lets you know how your playgrounds are doing, and how they compare to other cities of a similar profile.



# FREQUENTLY ASKED QUESTIONS

**Q: Why are you using screens to try and manage excessive screen-time? How does that help?**

A: Today's kids are growing up as screen/digital natives. This makes parenting a challenge! So what Biba seeks to do is to leverage the appeal of screens to get kids back outside, while providing the same types of rewards they get from their screen-based experiences. By using screens in this way, we re-orient the screen-based behaviors of children from sedentary to active.

**Q: Do kids even get active playing this type of game? Isn't 'natural' playground play better?**

A: We are parents too and we are obviously huge fans of natural playgrounds. But we did commit to heart rate and activity research in partnership with Simon Fraser University and the result was that Biba kids consistently demonstrated higher heart rates than standard playground play as they engaged in greater amounts of moderate to vigorous physical activity. You can read more in our peer-review published study in the **Journal of Child Health Care**.

**Q: Are kids or devices potentially at risk in playing these types of games on the playground?**

A: Nope! Quite the opposite: our games are always held in the hands of the parents and never in the hands of the child. This is both to ensure that kids and devices stay safe, while also ensuring the attention of the parent, which as research demonstrates, promotes greater amounts of physical activity.

**Q: My kids already enjoy the playground as it is, why do I need this?**

A: Biba is an intervention for those parents looking to manage screen-time and get their kids outdoors and active more often. If you currently don't face challenges in either of these departments, Biba may not be for your family. Biba exists as an option for parents to get their children active outdoors and to extend playground sessions. Our outreach shows that this is a useful tool for many parents.



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Telephone: 1-844-YES-BIBA;  
Email: [info@playbiba.com](mailto:info@playbiba.com)



# PLAYGROUND DATA REPORT

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RYDER PARK  
ILLINOIS, USA  
JULY 2019



## INTRODUCING: CITY CLASSIFICATIONS!

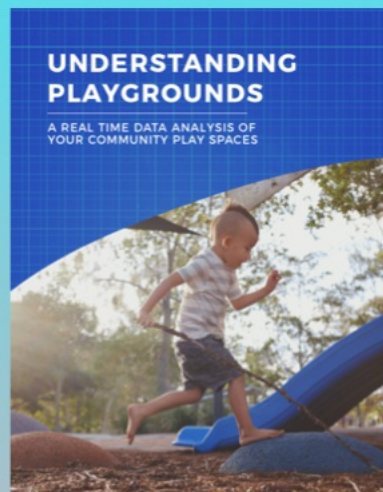
As we push forward in developing the data science of playgrounds, it became clear that not all playgrounds, communities or cities are quite the same. If you look at play patterns in the city of Los Angeles and compare them to those in Scranton, Pennsylvania, you are going to assume that there are differences... maybe some that are quite profound.

To start to refine our methodology, we are introducing a new tool for data measurement: city classification schemes. This will let us zoom in much more closely on every community in our network and help understand how those kids play.

In a nutshell, what this means is that our system will help you understand your community better by making *direct* comparisons with other communities that approximate yours in terms of child population density, income and climate. Moving forward, we will start extending this methodology to add new variables that are statistically significant predictors of play.

What follows is a brief summary of this new system. If you want to dive deeper, ask us for a copy of our free white paper, **Understanding Playgrounds**, by clicking the graphic below.

**WHITE  
PAPER  
2 0 1 9  
SIGN UP  
NOW!**

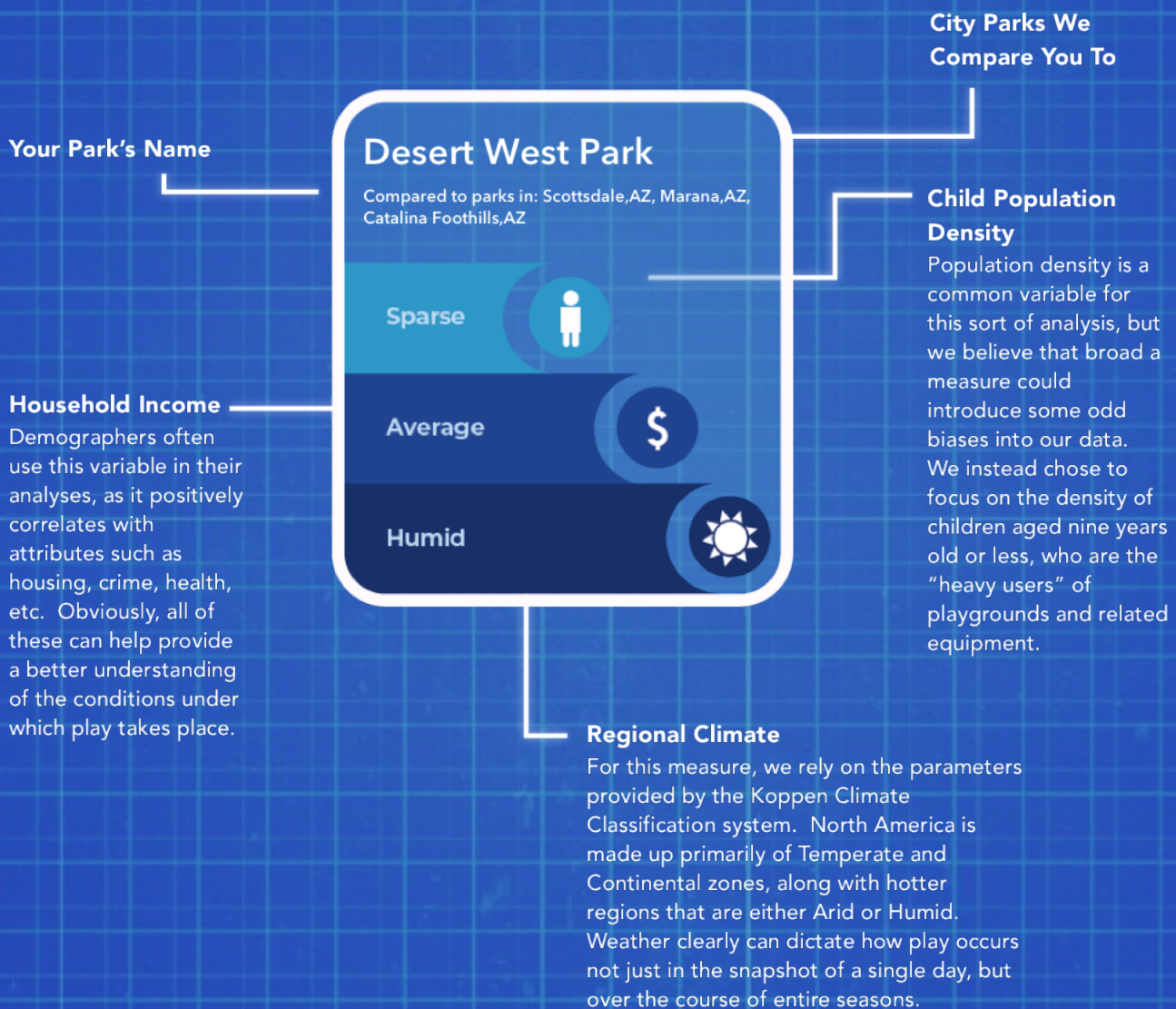


[www.smarterplaygrounds.com](http://www.smarterplaygrounds.com)

## IMPROVED COMPARABLES

Our earlier data reports used a less precise benchmarking method called “Comparables”, which basically assigned every play site in our network a percentile ranking. As tools go, it was a bit blunt but still useful.

Going forward, we will analyze every playground in our network along three different variables: child population density, regional climate, and income categories drawn from census data. A little more information each variable follows:

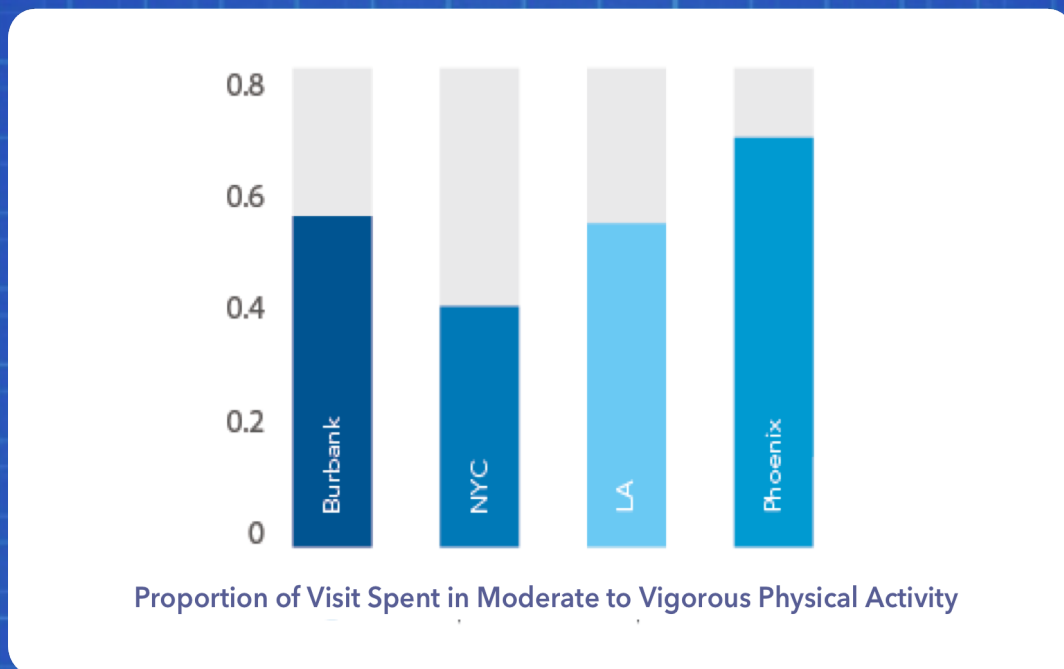


This scheme creates a matrix of 27 categories, into which hundreds of playgrounds will be grouped and compared: once again, we will use percentiles for this work. When looking at your community, this more focused analysis should yield much more tractable conclusions.

## THE APPLICATION OF THIS SYSTEM

As an example, consider the graph below which compares play patterns from Biba sessions in four separate cities. You will note that two neighbouring southern California cities - Burbank and Los Angeles - seem to be more or less directly comparable. But if we dig a little deeper, our city classification scheme starts to yield more interesting results.

### COMPARING APPLES... TO THE BIG APPLE



Seen through the filter of Biba's classification scheme, Burbank has much more in common with New York than with the City of Los Angeles proper (which lies only a few miles away). Slight differences in climate conditions and income result in attributes that are more like affluent eastern cities like Washington and Philadelphia... and it is to those cities that we should be making comparisons!

With that in mind, benchmarking takes on a very different significance. The graph above shows that Burbank is performing exceedingly well relative to one of its true peers: New York City.

This is the type of classification exercise that will help put your own playground's performance in perspective in future reports. As we continue to refine this methodology (by introducing a weighting system for example), we will publish updates that can be factored into your future thinking.

# YOUR COMPARABLES

## WHAT THIS CHART SHOWS

This page provides you with a classification of your playground that considers factors of local child density, local income levels and local climate. These levels are presented on the right as a series of rankings from low to high. Near the bottom of the page, we also show how you compare in a series of key metrics relative to similar cities.

## HOW THIS IS USEFUL

This metric allows you to evaluate the performance of your playground relative to other similar playgrounds. This way, you can see if your playground is performing well for its climate, child density and socioeconomic region, providing a more accurate sense of its impact on your community.

**NEW!**

### Ryder Park

Compared to parks in: Cottage Grove, MN, Livonia, MI, Woodbury, MN

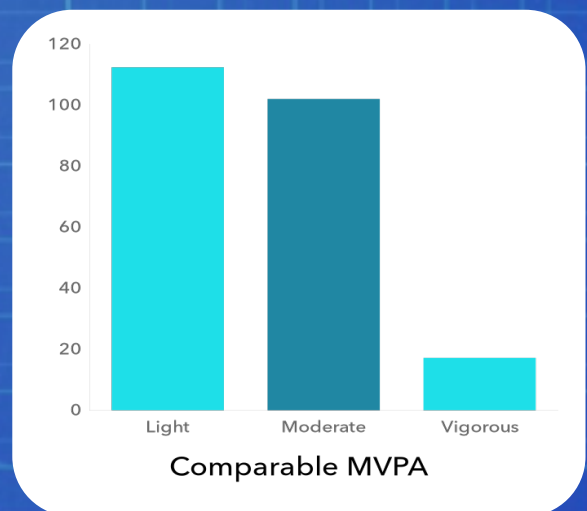
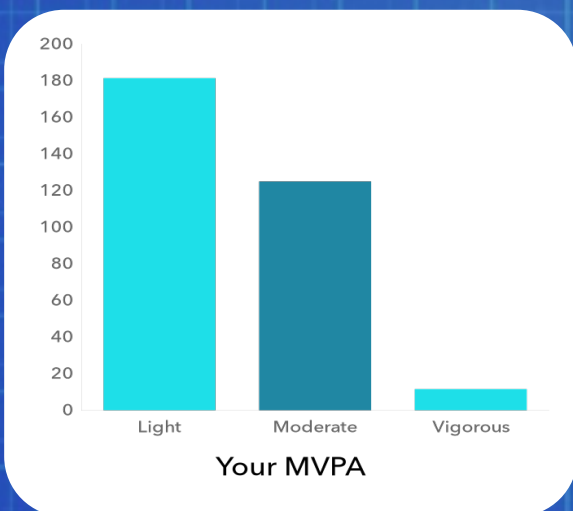
Average



Higher



Continental



**AVG. AMT. OF EXERCISE/SESSION**

You Are In The

**93RD**

Percentile!

**# OF BIBA SESSIONS**

You Are In The

**91ST**

Percentile!

**AVG. SESSION LENGTH/USER**

You Are In The

**88TH**

Percentile!

# SURVEY RESULTS

## WHAT THIS CHART SHOWS

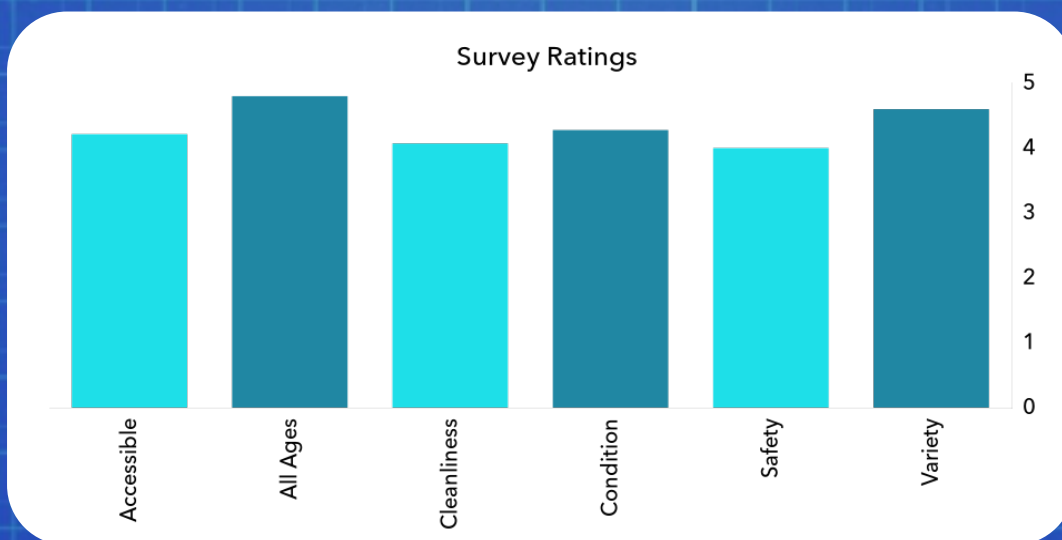
At the end of Biba gameplay sessions, families are offered the opportunity to answer a quick three-question survey about the playground they are at. Usually the questions ask families to answer a question with a ranking from 1-5. This page displays those survey responses.

## HOW WE COLLECT IT

Biba games collect all responses from participating families who chose to answer the surveys when offered. We only offer this survey once per month, per playground location.

## HOW YOU CAN USE THIS INFORMATION

The survey responses below can allow you to get a more qualitative grasp on various aspects of your playground. But a key benefit also lies in the ability to follow these survey results over time: tracking feedback on any changes you make/have made to the playground and its associated facilities over time.



IS THIS YOUR REGULAR PLAYGROUND?

Yes

No

WOULD YOU VISIT THIS PLAYGROUND AGAIN?

Yes (100%)

IS IT EASY TO TRAVEL TO THIS PLAYGROUND?

Yes (87.5%)

## EQUIPMENT PREFERENCE

### WHAT THIS CHART SHOWS

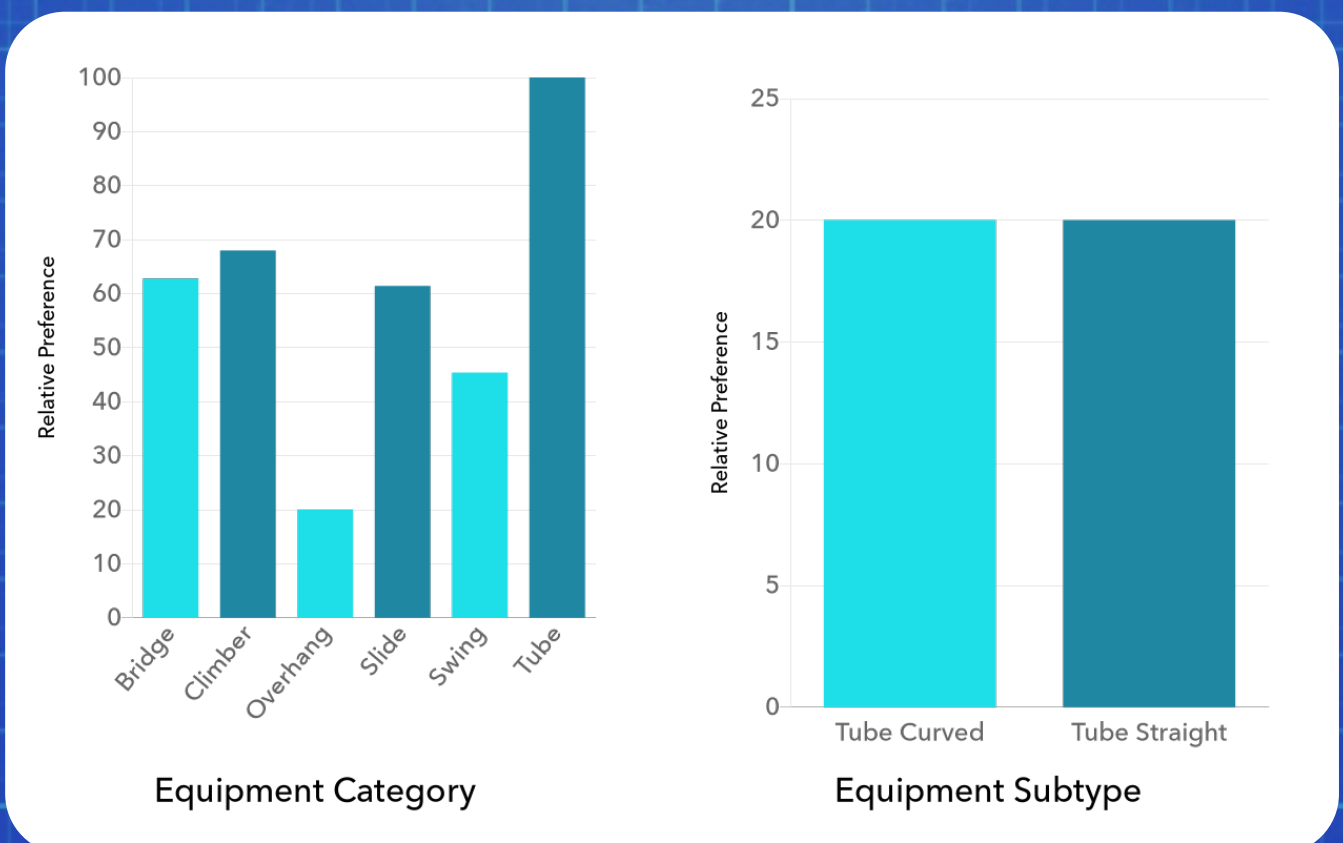
This page displays what equipment was most preferred by children while playing Biba games along with their preferred equipment sub-types.

### HOW WE CALCULATE THIS

Biba games automatically request a parent to input what they see as present in terms of equipment at a playground, but equipment preferences are specifically derived from play choices made during Biba gameplay by players. We analyze all the choices children make between equipment during different points in gameplay to model which types of equipment are selected the most often. We can also determine the popularity of specific sub-types (e.g. spiral slides, curved tubes) this way.

### HOW YOU CAN USE THIS INFORMATION

The chart below can assist in identifying choices for equipment purchases or upgrades, or at larger scale, can point to trends with regard to favorite equipment pieces in a region.



## PEAK DAYS OF THE WEEK

### WHAT THIS CHART SHOWS

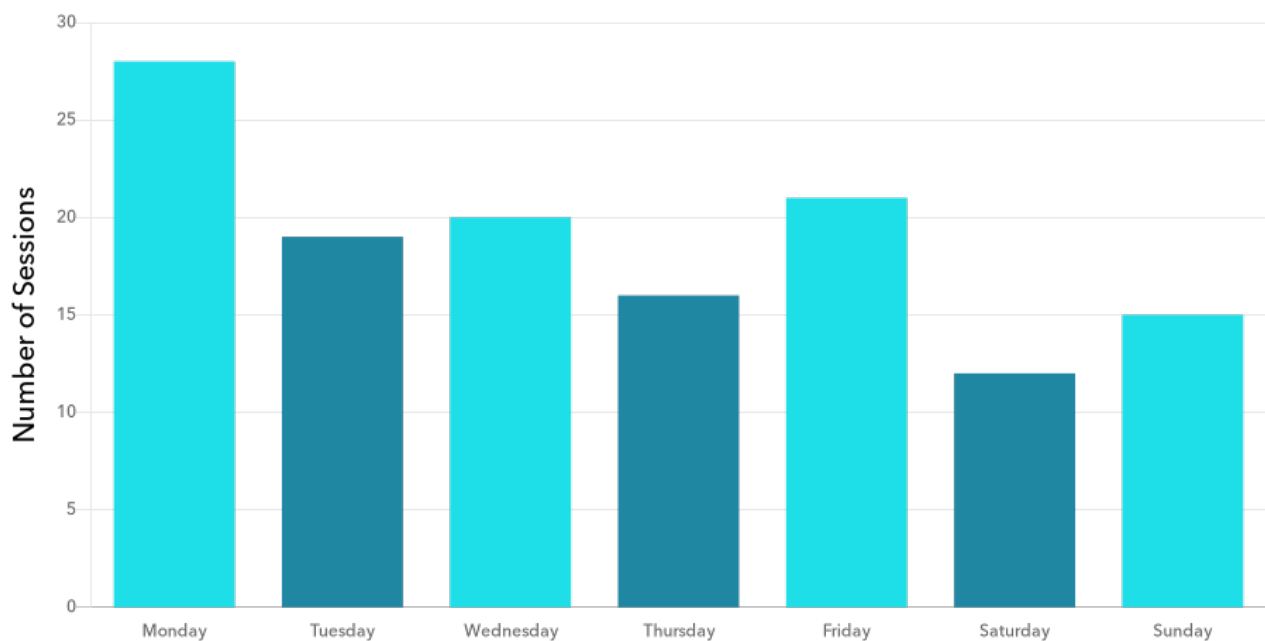
This graph lets you know on which days of the week families tend to spend the most time at your playground or play site.

### HOW WE CALCULATE THIS

Biba games take simple time stamps that allow us to see what day of the week Biba sessions occur. As a sample of playground attendance, this provides us with a sense of your site's peak days.

### HOW YOU CAN USE THIS INFORMATION

This information is useful in pointing out interesting trends for purposes of scheduling and program planning. We can also provide an array of these graphs across a year or dig into particular days on request if you're looking to schedule against more specific trend data, such as the impact of public holidays or school holidays.



Peak Days of the Week



## PEAK HOURS OF THE DAY

### WHAT THIS CHART SHOWS

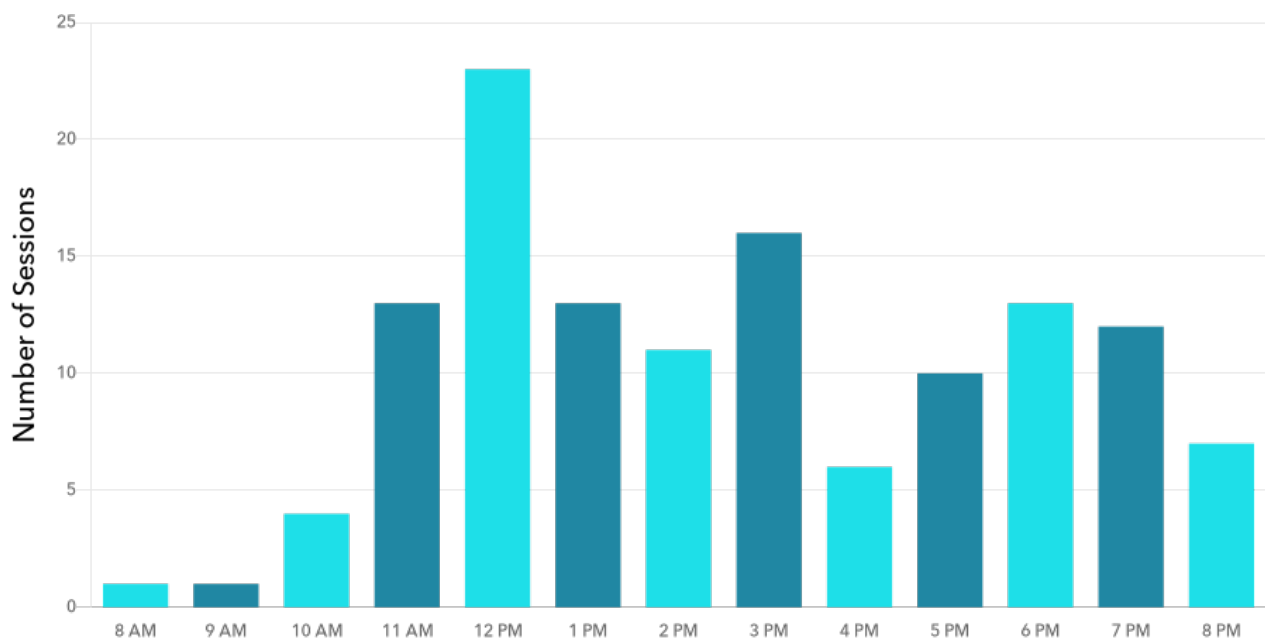
This graph lets you know which hours of the day families tend to spend the most time at your playground or play site.

### HOW WE CALCULATE THIS

Biba games take simple time stamps that allow us to see what time of the day Biba sessions occur. As a sample of playground attendance, this provides us with a sense of your site's peak hours.

### HOW YOU CAN USE THIS INFORMATION

This information is useful in pointing out interesting trends for purposes of scheduling and program planning. We can also provide an array of these graphs across a year to allow for things such as seasonal comparisons or the impact of external events like school vacations on timing.



Peak Hours of the Day

## ACTIVITY LEVELS

### WHAT THIS CHART SHOWS

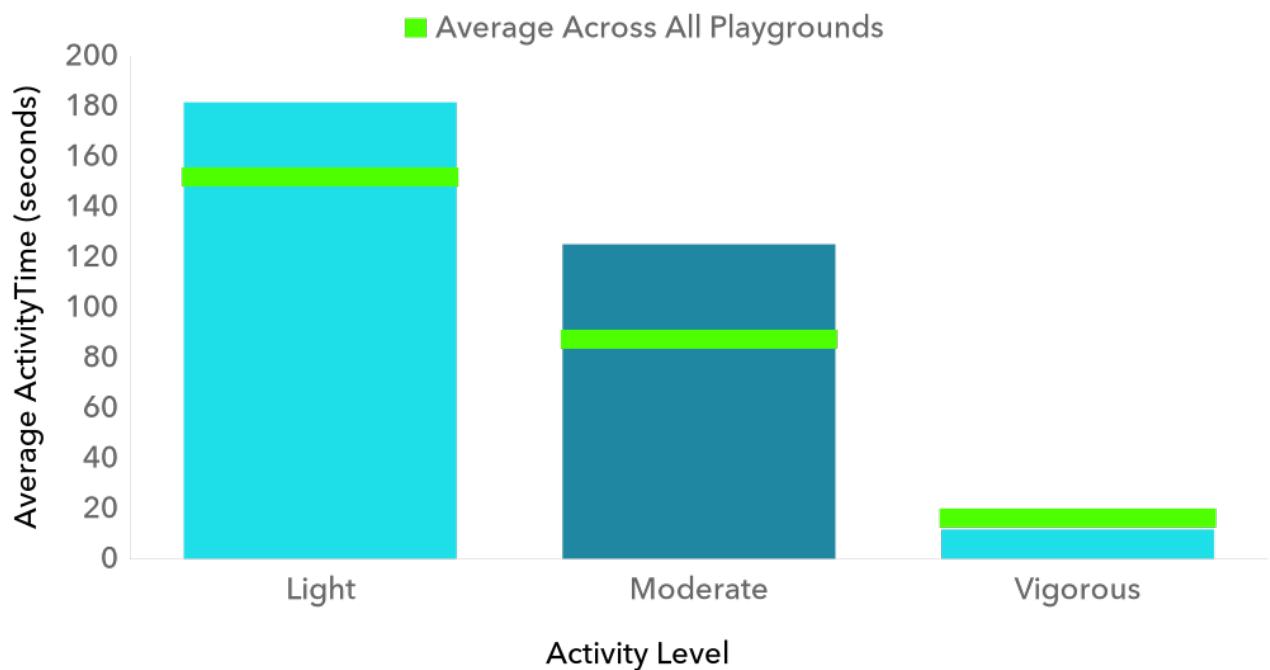
This lets you know how much light, moderate, and vigorous activity children engaged in during Biba gameplay. This is not only an indicator of the types of games they chose to play, but also how they chose to play them in terms of physical exertion.

### HOW WE CALCULATE THIS

Biba games adopt the World Health Organization's rubric in distinguishing between moderate and vigorous activity levels during gameplay. We achieved this in partnership with Simon Fraser University Child Psychology researchers to provide each game with a profile that generates a strong inference as to how much physical activity is being conducted in each game. This lets you see which types of games and what level of exertion kids in your playground gravitate towards.

### HOW YOU CAN USE THIS INFORMATION

This lets you get a sense of activity levels in your different communities, but also can provide you reinforcing data that helps make the case in grant proposals for health and activity initiatives and other related programming.



# TEMPERATURE IMPACT

## WHAT THIS CHART SHOWS

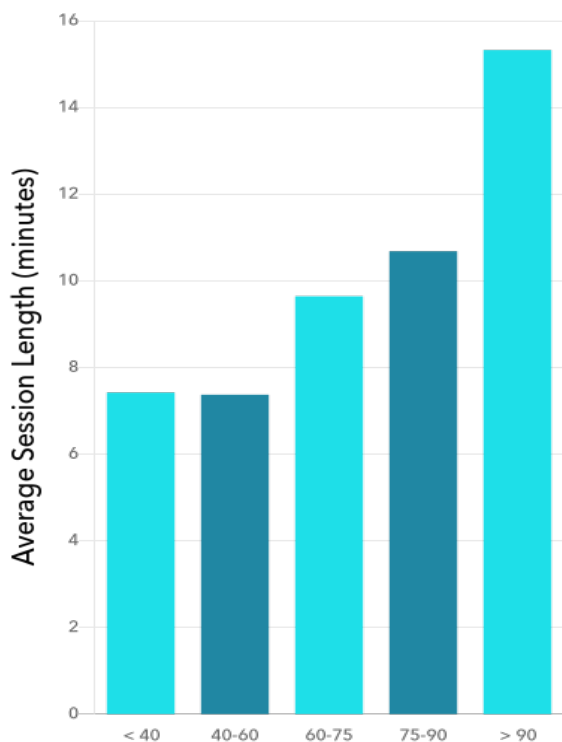
This page visualizes the relationship between different ranges of temperature and on-site sessions. This graph lets you know the relative impact of temperature on how long families play on-site (a good indicator of what temperature conditions a family is most likely to play through) and the relative impact of temperature on how much families play on-site (an indicator of the conditions during which a family is most likely to attend the playground).

## HOW WE CALCULATE THIS

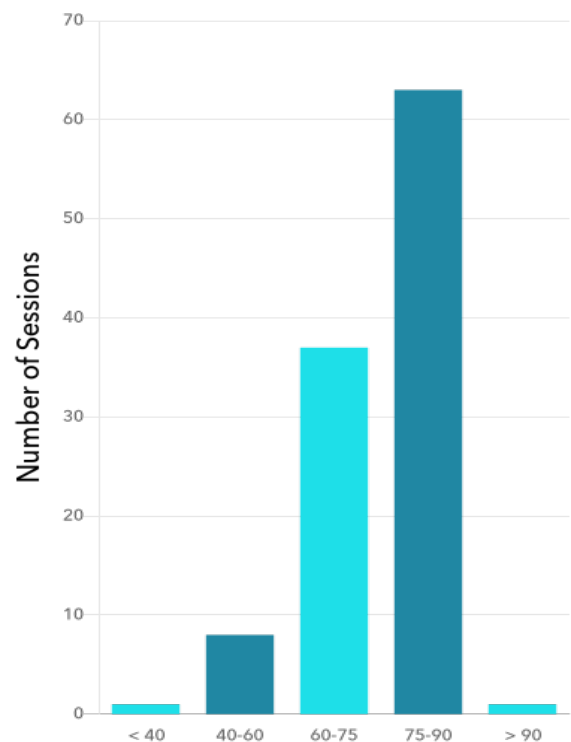
Biba games track the temperature and check it at regular intervals during gameplay. We compare the observed temperature at a particular site with the number and length of sessions at that site in order to see what play patterns emerge during different temperature conditions.

## HOW YOU CAN USE THIS INFORMATION

This information is useful in terms of program planning for your community, but also helps inform decisions around the purchase of things such as shading for high-sun regions or other facilities that can help promote attendance during more frigid periods.



Temperature (F) vs Session Length



Temperature (F) vs Number of Sessions

## WEATHER IMPACT

### WHAT THIS CHART SHOWS

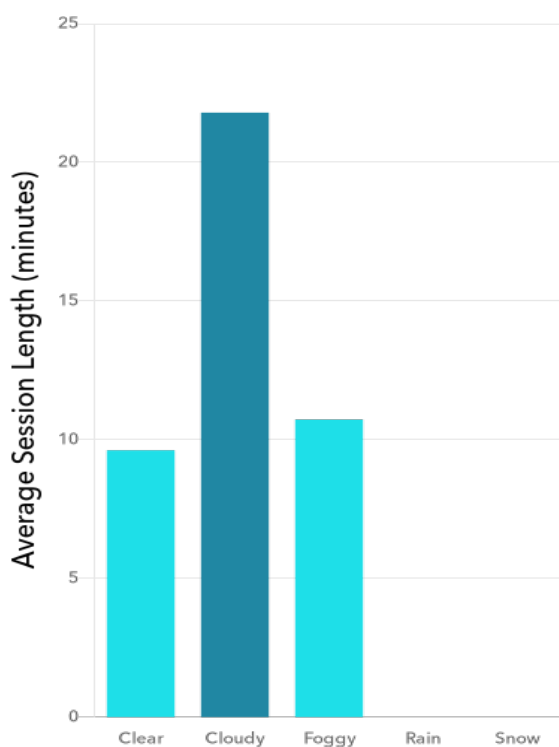
This page visualizes the relationship between different types of weather and on-site sessions. This graph lets you know the relative impact of weather on how long families play on-site (a good indicator of what weather conditions a family is most likely to play through) and the relative impact of weather on how much families play on-site (an indicator of the conditions during which a family is most likely to attend the playground).

### HOW WE CALCULATE THIS

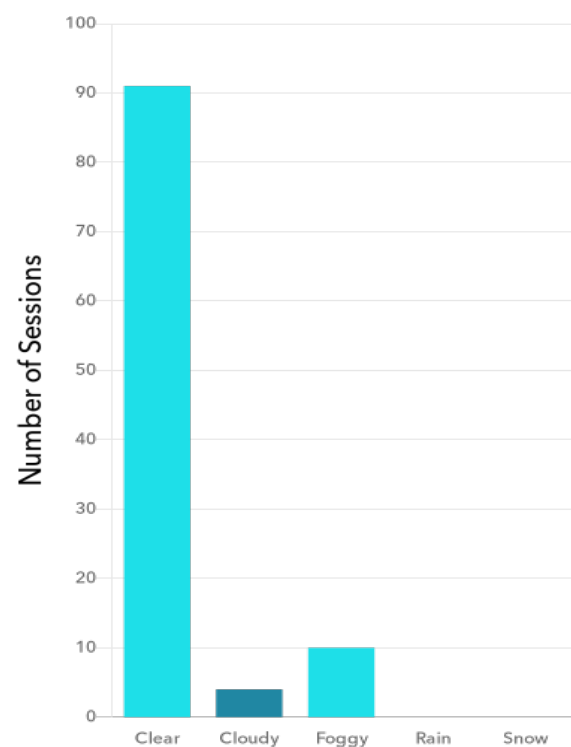
Biba games track the weather conditions and check them at regular intervals during gameplay. We compare the observed weather conditions at a particular site to how many sessions occurred and their length in order to see what play patterns emerge during different weather conditions.

### HOW YOU CAN USE THIS INFORMATION

As with temperature, this information is useful in terms of program planning for your community. It can also help you determine which play sites maintain the highest attendance during particular conditions when making considerations for amenity upgrades.



Weather vs Session Length



Weather vs Number of Sessions

## SESSIONS BY MONTH

### WHAT THIS CHART SHOWS

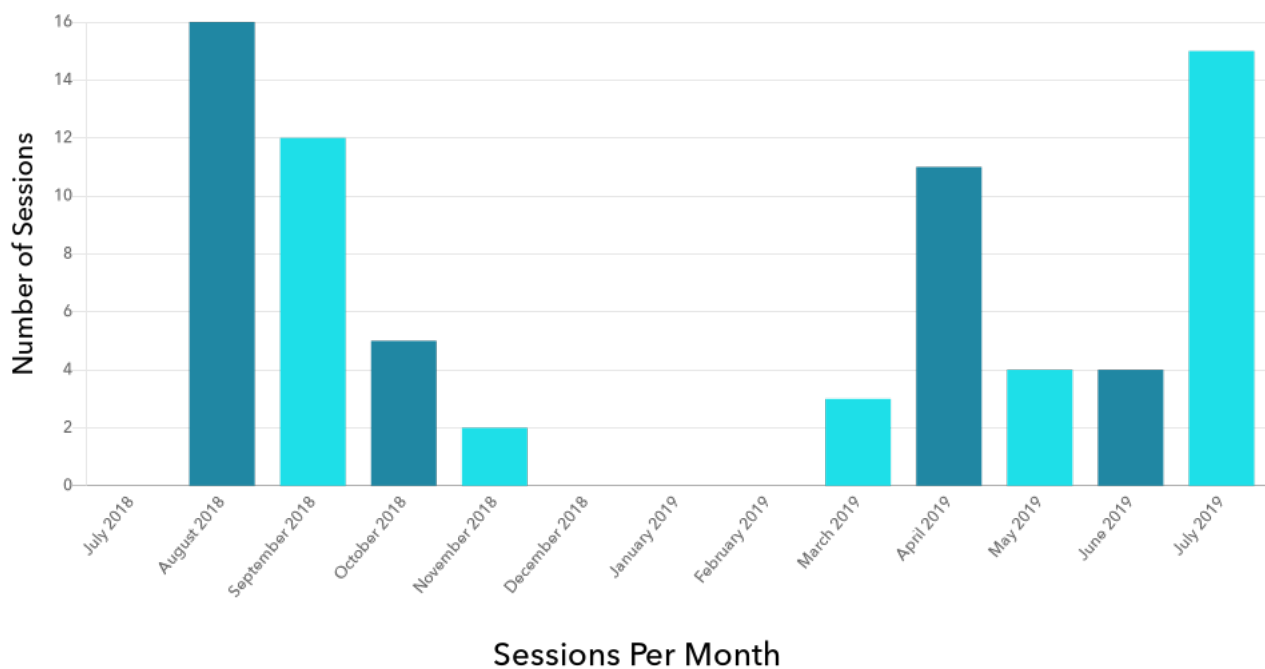
This page displays up to the last 12 months in terms of sessions per month, allowing you to compare month-to-month session totals for that period.

### HOW WE CALCULATE THIS

Biba games automatically track game sessions every time they happen. We tally these up in order to provide the monthly totals represented in the graph below.

### HOW YOU CAN USE THIS INFORMATION

The chart shows the general activity trend of your playground over the year and can be used to garner a high-level sense of the traffic patterns at your play site.





# INFORMATIONAL MEMORANDUM

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**MEETING DATE:** September 5, 2019  
**DEPARTMENT:** Community Services  
**SUBJECT:** Park Stewardship

## EXECUTIVE SUMMARY

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Staff asks that each board member visit their assigned park prior to the meeting and be prepared to report their findings at the meeting. A checklist is attached to assist with your inspection. September park assignments are as follows:

<u>Park</u>	<u>Steward</u>	<u>Month</u>
LaBuy Park	Mike Cairns	September
Larsen Park	John Andrea	September
Leroy Guy Park	Diane Tredore	September
Lynn Dillow Park	Nicole Sandage	September
Nature's View Park	Brad Wackerlin	September
Normandy Park	Wendy Anderson	September
Plote Field	Mike Lupo	September

## FINANCIAL IMPACT

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None

## ATTACHMENTS

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1. Park Stewardship Checklist
2. 2019 Park Stewardship List

## SUGGESTED DIRECTION

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Each member shall present the findings of their assigned park and lead any discussion as necessary.

## 2019 List of Parks for Stewardship

<u>Park</u>	<u>Steward</u>	<u>Month</u>
LaBahn Hain House/Nockels Park	Mike Cairns	May
Larsen Park	John Andrea	May
Leroy Guy Park	Diane Tredore	May
Lynn Dillow Park	Nicole Sandage	May
Nature's View Park	Brad Wackerlin	May
Normandy Park	Wendy Anderson	May
Plote Field	Mike Lupo	May
Richard Taylor Park & Skate Park	Mike Cairns	June
Rolling Hills Park	John Andrea	June
Ryder Park	Diane Tredore	June
Stoneybrook Park	Nicole Sandage	June
Sunset Park	Brad Wackerlin	June
Turtle Island	Wendy Anderson	June
Avalon Park	Mike Lupo	June
Barbara Key Park	Mike Cairns	July
Bark Park	John Andrea	July
Ken Carpenter Park	Diane Tredore	July
Celebration Park	Nicole Sandage	July
Cattail Park	Brad Wackerlin	July
Echo Park	Wendy Anderson	July
Ford School Park	Mike Lupo	July
Butch Hagele Beach	Mike Cairns	August
Horner Park	John Andrea	August
Indian Trail Beach	Diane Tredore	August
Edward Wm Hynes Park	Nicole Sandage	August
Jaycee Park	Brad Wackerlin	August
Linda Fischer Park	Wendy Anderson	August
LaBahn Hain House/Nockels Park	Mike Lupo	August
LaBuy Park	Mike Cairns	September
Larsen Park	John Andrea	September
Leroy Guy Park	Diane Tredore	September
Lynn Dillow Park	Nicole Sandage	September
Nature's View Park	Brad Wackerlin	September
Normandy Park	Wendy Anderson	September
Plote Field	Mike Lupo	September
Richard Taylor Park & Skate Park	Mike Cairns	October
Rolling Hills Park	John Andrea	October
Ryder Park	Diane Tredore	October
Stoneybrook Park	Nicole Sandage	October
Turtle Island	Brad Wackerlin	October
Jaycee Park	Wendy Anderson	October
Linda Fischer Park	Mike Lupo	October

Park Name: \_\_\_\_\_ Member \_\_\_\_\_

A. Entrance and Overall Appearance

- Entrance signs free of weeds and well-maintained
- Has a professional and inviting image

B. Playground Area

- Playground wood chips covering all landing areas of play equipment
- Play equipment free of graffiti
- Play equipment paint fade, chip or broken
- Play area free of weeds

C. Athletic Fields / open space

- Free of garbage
- Free of weeds
- Turf appears to have been mowed
- Turf condition poor, fair, good, excellent

D. Shelters and Picnic areas

- Picnic shelter free of garbage and graffiti
- Grills and garbage cans cleaned
- Picnic tables appear to be functional

E. Are there any amenities that might make this park more desirable?

F. Did anyone using the park have any comments or suggestions?

G. Additional Comments:





**Village of Lake in the Hills  
Community Services Department  
Parks and Recreation Division  
Monthly Report – September 2019**

**Dates of Interest:**

*Bubble Soccer Tournament – Saturday, September 28<sup>th</sup>  
Woofstock Social – Saturday, October 23<sup>rd</sup>*

**Parks Project Status**

Junior Eagles Football has submitted a plan to add electrical to the scoreboards and the concession trailer at the football fields at Sunset Park. All costs will be covered by Jr. Eagles and the work will be donated to the Village upon completion.

The existing deck at 2 E. Oak Street was removed and a new sidewalk and play area fence were installed for Preschool. Removal of the deck will reduce safety hazards and maintenance issues moving forward.



Staff prepared the former Parks and Recreation space at Village Hall to create two preschool classrooms. This included removal of all furniture and repairing and painting walls.

Staff provided assistance for set-up and take-down at the Sunset Festival grounds over Labor Day Weekend.

**Recreation Project Status**

Summer camp ended on August 12<sup>th</sup> following a successful, safe, and fun summer that included over 300 unique participants. A complete program analysis and participant evaluation results will be presented at the October meeting.

A Back to School Skate Tournament was held at the Sunset Skate Park on Saturday, August 24<sup>th</sup>. 12 kids participated in the scooter division and many others came to watch the event and support the participants. Feedback was received from skate park regulars on future programs.

Preschool Academy classes begin Tuesday, September 3<sup>rd</sup> and there are currently 93 students enrolled. The new classroom at Village Hall will be used, in addition to the downstairs classroom and two rooms at the Annex.

The 3<sup>rd</sup> Annual Connor Kincaid Fishing Tournament was held on Saturday, August 17<sup>th</sup> at Indian Trail Beach. There were approximately 100 participants that enjoyed gorgeous weather, fishing, boating, games, lunch, and prizes.

**Event Analysis**  
**Keepin' It Reel: Bass & Pike Derby**  
**July 28, 2019**

**Program Description**

Celebrate those spiny-rayed Bass and toothy Northern Pike at this competitive, catch and release fishing tournament organized by the Village of Lake in the Hills. This is an honor-based fishing tournament open up to all ages. All state and local fishing regulations apply. Only pike, largemouth & smallmouth bass qualify. All children must be supervised by an adult (adult must be registered). Please bring your own poles/supplies. Fee is per person and includes daily lake use tag, tournament ruler, raffle entry and picnic style awards lunch. Cash payment will be accepted at the event registration: pre-registration recommended. Check-in takes place at the LaBahn Hain House (149 Hill top) prior to start of the fishing derby.

**Cost**

\$25.00 per person

**Target Audience**

Anglers of any age

**Marketing**

The event was marketed in the seasonal brochure.

**Budget**

<b>Revenue</b>		<b>\$250.00</b>
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Direct Expenses

<u>Operating Supplies</u>	<u>100.18.50.72.04</u>	<b>\$137.63</b>
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<b>Indirect Expenses</b>		<b>\$279.48</b>
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<u>Staff</u>	hours	\$/hour
2 part-time staff	12	23.29

<b>Cost Recovery</b>		<b>60 %</b>
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**Sponsorships / Donations**

N/A

**Volunteers**

N/A

**Participation**

We had a total of 10 people attend the event. The max number of families was set at 25, which is a good number.

**Participant Feedback**

The attendees were all smiles during the event. Participants voiced that this event would be better received in the late Spring – early Summer.

**Observations**

The event ran smoothly and participant feedback at the event was very positive overall.

**Recommendations**

This event is difficult to run at an affordable fee. Staff feels we should focus on just two fishing tournaments each year, the Ice Fishing Tournament and the Connor Kincaid Tournament.

**Event Analysis**  
**2019 Park Parties**  
**6/12, 6/25, 7/16, 8/7**

**Program Description**

**MAKING A COMEBACK IN 2019!**

Our 2019 Neighborhood Park Parties were planned based on the January summer programs and events survey results. These are the top vote-getting locations and entertainment options chosen by you! We hope you enjoy these FREE events! Please bring a lawn chair or picnic blanket.

If your organization is interested in hosting a game or activity, please contact us.

**Fees:** Free

**Target Audience:** Families w/ younger kids

We planned the events to meet different audiences, 2 night time events for working parents and 2 day time events for stay at home parents. We used the results of the January 2019 survey to determine the locations and entertainment for the events.

**Marketing:**

Traditional avenues of marketing were used to promote the events; brochure, flyers, web page, online community calendars, Resident Insider, Messenger, marquee signs, and Facebook.

**Budget:** There was \$4000 under contracted services for Park Parties in the 2019 budget.

<u>Entertainment</u>		<u>\$2085</u>
6/12 Wendy & DB	\$450	
6/25 RC Juggles – Magician	\$427.50	
7/16 RC Juggles – Balloons	\$427.50	
8/7 Zoo	\$430	
Kona Ice	\$225	
Vessy Mink	\$125	
<u>Indirect Expenses</u>		<u>\$745.28</u>
2 part-time staff	16 hours	23.29

**Sponsorships / Donations:** We received a 10% discount from RC Juggle Entertainment on 2 of the parties for giving them an ad in the summer brochure.

**Volunteers:**

6/12 – 2 volunteers requested, 0 signed up. One summer Rec Crew participant stayed to help with the event.

6/25 – 2 volunteers requested, 0 signed up.

7/16 – 2 volunteers requested, 0 signed up.

8/7 - 2 volunteers requested, 0 signed up. Two summer Rec Crew participants came to help

**Participation:**

**6/12 Wendy & DB:** We had to move the party to Village Hall due to inclement weather. About 40 people attended.



**6/25 RC Juggles – Magician:** Held at Barbara Key Park, we had around 30 people attend.



**7/16 RC Juggles – Balloons:** Held at Sunset Park Shelter, we had around 35 people attend.



**8/7 A Zoo to You / Kona Ice / Vessy Mink:** Our Back to School Park Party was held at Leroy Guy Park and hosted about 150 people.



**Participant Feedback:** The overall mood of each event was very positive. The entertainers were very interactive with the children. Parents were thankful for the events. Everyone seemed happy and glad to be there.

After the event at Barbara Key a resident came up to staff and asked about shelter rentals, as she had never been to the park before and was impressed with it.

The event at the Sunset shelter was hard to find for some people. We walked the park prior to the beginning of the entertainment and found some parents at the splash pad shelter and at the park because they couldn't find the location. Some trees and natural areas around the sunset shelter need to be groomed a little better to allow the shelter to be seen from the parking lot.

We did a Facebook live video during the set up / beginning of the final park party and a couple of the parents at the end of the event told us they forgot about it until they saw that online and it prompted them to come over. Having access to this tool without having to go through Administration would be very helpful in promoting our events throughout the year.

**Recommendations:**

Staff recommends that we offer 1 bigger event per month in the future. The last party with the singer, zoo and Kona Ice was most attended so a similar set up with different entertainment each month might draw bigger crowds. We would need to hold them at places that have access to electricity or obtain a portable generator.