



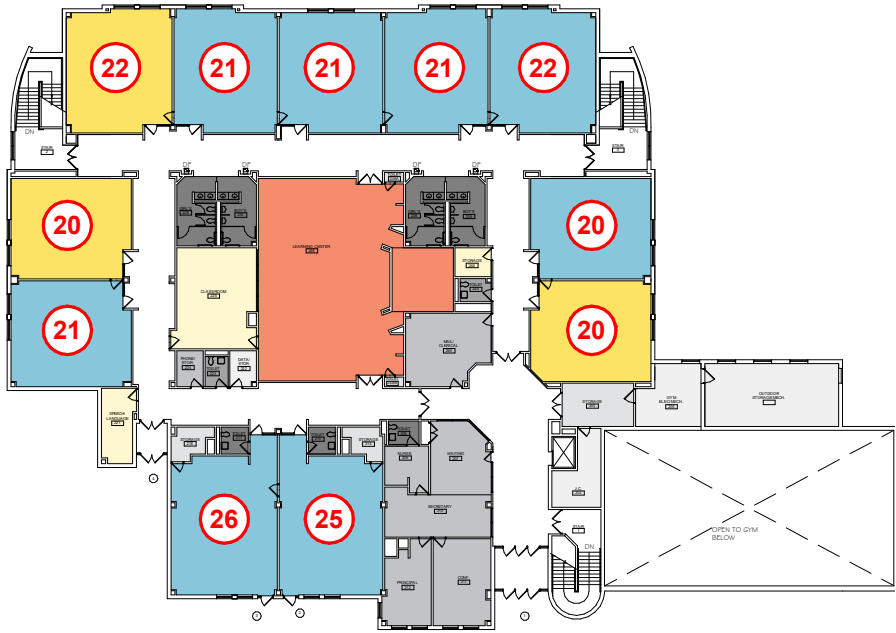
# Illinois Park Center for Early Learning

1350 Wing St., Elgin, IL 60123

BUILDING SUMMARY			
Gross SF	51,197	Number of Levels	2
Year Built	1999	Number of Additions	0



LEVEL 1



LEVEL 2



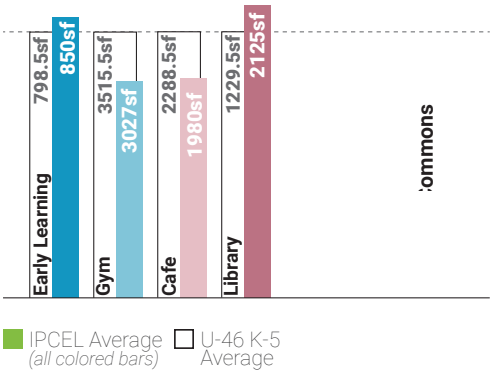
## ENROLLMENT METRICS

Occupancy**	849
Effective Capacity	428
Total Enrollment	443

**Occupancy:** the maximum number of people that can be housed in a space in accordance with the building/fire code  
**\*\*NOTE:** Occupancy is NOT the recommended number of students for a space, it is the maximum allowed by code.

**Effective Capacity:** the amount of students a school can effectively support based on the District's current practices and future vision for teaching and learning. This is calculated based on ISBE's square footage per student guideline.  
**Enrollment:** current number of students attending the facility.

## AREA COMPARISON



**115** square feet per student : **150** square feet per student  
Illinois Park Center for Early Learning 2015 National Low Quartile Number

\* This comparison notes the difference between Illinois Park Center for Early Learning area per student in comparison to the current National average as noted in the 2015 School Construction Report. The master planning process will produce outcomes pertinent to the District as a whole. This is just one metric to compare space.

## TRAVEL

**4-6 MIN** Furthest approximate travel time from one location to another for an average Kindergarten Student.

Furthest approximate travel time from one location to another for an average Fourth Grade Student.

## PLAN KEY

- Administration
- Building Support
- Cafe Support
- Commons / Cafeteria
- Core Classroom
- Elective Classroom
- Gym / Fitness
- Kindergarten /ECC
- Learning Center
- Media Lab
- Performance Venue
- Performing Arts Classroom
- Resources
- Science Lab
- Special Education
- Stem / Hands-On Learning
- Restrooms
- Student Support
- Visual Arts

Travel Path  
Under-sized space

Room Capacity based on ISBE Guidelines

Room Capacity based on ISBE Guidelines (not included in Effective Capacity)

## FACILITY LOCATION



Current Acreage: 8.01 ACRES

Guideline Acreage: 9.43 ACRES

\* Guideline Acreage recommended by State of Illinois = 5 acres plus 1 acre per every 100 students

1999

FACILITY GRADES

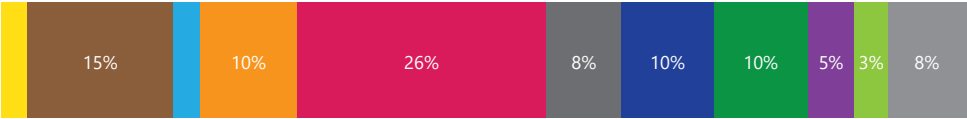
<b>Spatial Educational Adequacy(25%)</b>	<b>B</b>	<b>Facility Condition(35%)</b>	<b>C</b>
(Data collected through Staff Survey)	<b>7.8/10</b>	FCI	.20
Physical Features	7.9/10	<b>Water Usage(5%)</b>	<b>A</b>
Environment Supports Variety	8.1/10	Gallons/SF	3.6
Visual Stimulation	6.4/10	<b>Energy Usage(10%)</b>	<b>D</b>
Future Readiness	8.2/10	<b>Total EUI</b>	<b>55.3kBTU/SF/yr</b>
<b>Building Allocation(25%)</b>	<b>C</b>	Electric	16.8kBTU/SF/yr
Gross SF/student	115	Gas	38.4kBTU/SF/yr
Site Acreage/Guideline	85%		
Mobiles in Use/Basement Used	No/No		

AGGREGATED FACILITY GRADE B-

Educational Adequacy grades were determined by a survey issued to staff. Square Foot/Student grades were determined by building area and enrollment. Facility grades are determined building assessments. Water grades were determined by comparing utility data to the Commercial Buildings Energy Consumption Survey. Energy grades were deteremined by comparing utility data to the US Dept of Energy's Building Performance Database. Percent in parenthesis indicates weight of category in aggregate facility grade.

ACTIVITY MAPPING

Activity mapping is based on survey data (Week in the Life) collected by teachers throughout the district over the course of one week. The teachers provided the learning activity and amount of time spent in that activity. Data was aggregated for the school and is represented by the average percent of time spent in the activity.



- Creative Brainstorming
- Direct Instruction
- Focused Study
- Group Discussion
- Hands-On Learning
- Housekeeping
- Physical Activities
- Presenting or Performing
- Research & Reflection
- Transition

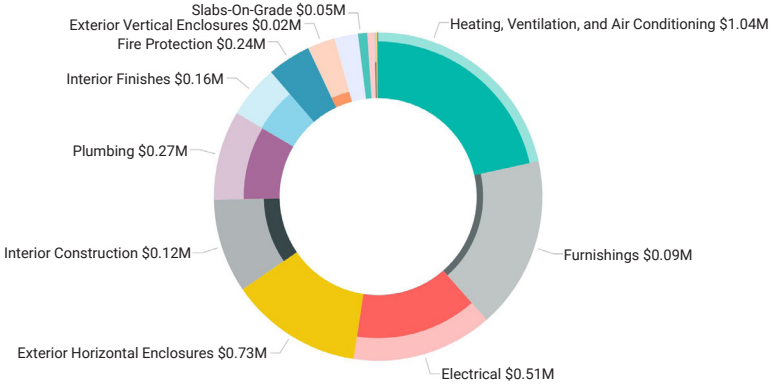
What's a Listening Tour?

Staff surveys (Listening Tours) were sent to each school where faculty gave input about the strengths and weaknesses of the building. The following comments highlight common themes and concerns.

Listening Tour Comments

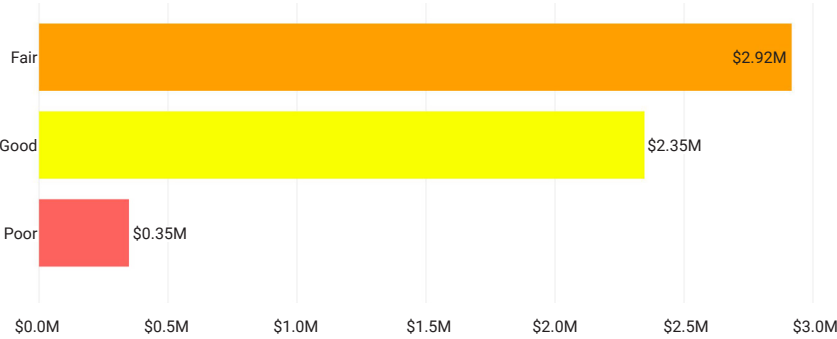
- There is not enough space for other staff when space is needed for testing or working with an individual student.
- Heating and cooling is inconsistent. It is either too hot or too cold.
- The outdoor area is underutilized. The fence is too close to the play area and limits chances to explore.
- The flow of the building allows for easy movement through the building.
- There are lots of windows, which make the spaces bright, sunny and good for pre-schoolers.
- The facility was created for elementary students so some fixtures don't meet the needs of younger students.

FACILITY BY BUILDING SYSTEM



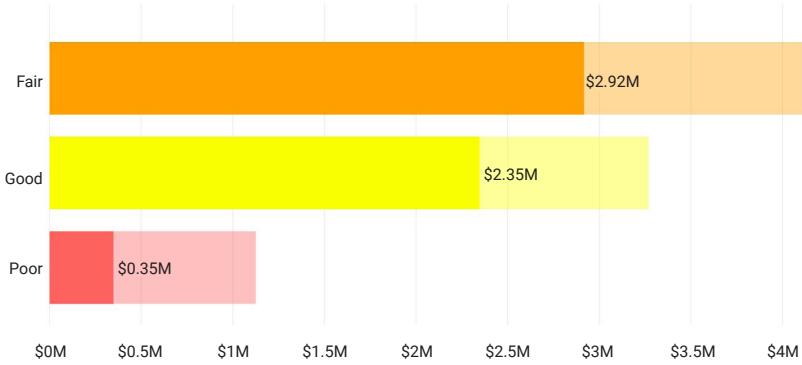
This chart indicates the approximate cost of deferred and anticipated maintenance (in dollars) of items assessed by building system. Highlighted items indicate those items in immediate need, code requirement, poor and fair condition.

FACILITY BY CONDITION



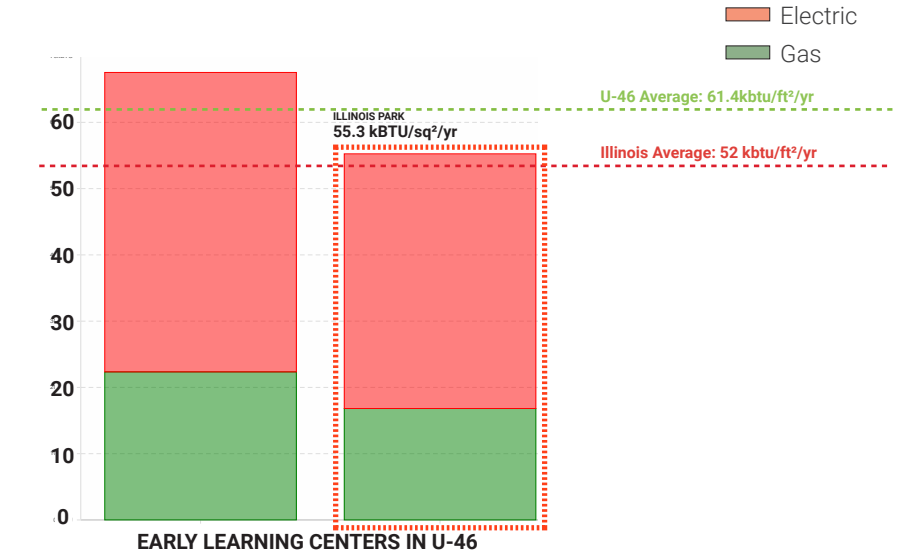
This chart indicates the approximate cost of deferred and anticipated maintenance (in dollars) based on condition of assessed items.

FACILITY AS PART OF TOTAL COHORT



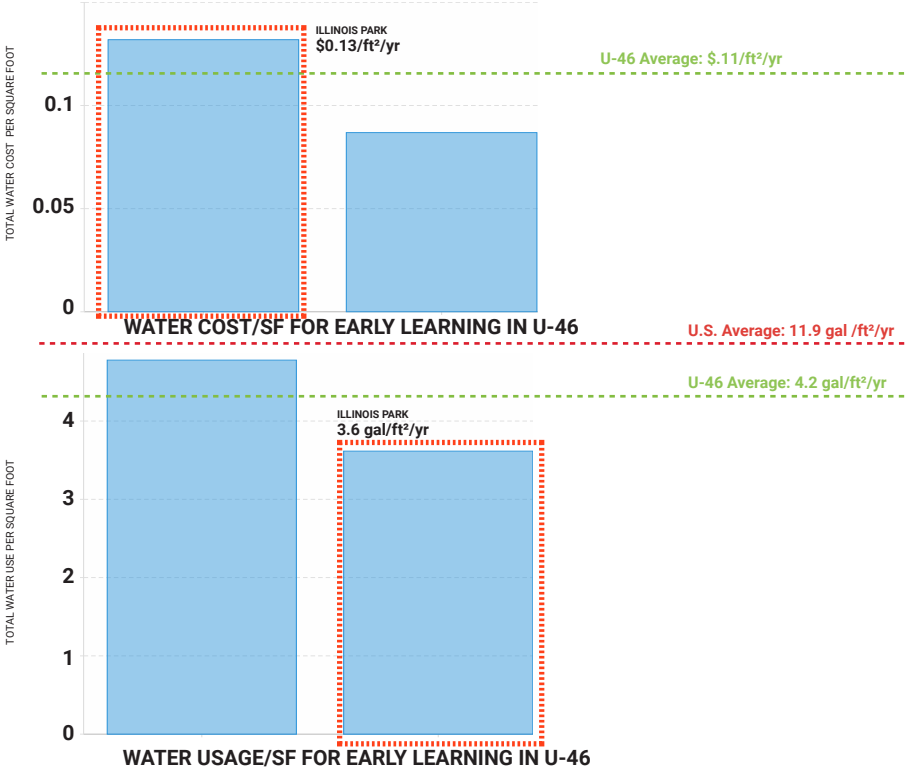
This chart indicates the approximate cost of deferred and anticipated maintenance (in dollars) based on condition of assessed items in relation to the entire cohort of buildings.

ENERGY USAGE (EUI)



Energy Use Intensity (EUI) is a key metric that expresses a building's energy use as a function of its size. Generally, a low EUI signifies good energy performance

WATER USAGE + WATER COST



Water usage is a key metric that expresses a school's water use and total cost of water in comparison to the other elementary schools in the district.

How is this information collected?

The goal of the DLR Group integrated design team is to **collect multiple qualitative and quantitative data points** around the same set of items – for example energy use, air quality, or learning behavior – **in order to form a holistic picture**. The team collects these data points through the use of sensors (in the space for 1-7 days), spot measurement equipment, expert walkthroughs, focus groups, surveys, and ethnographic observation techniques. The results are validated by cross-checking data points, such as a survey answer and a spot measurement, that should relate to one another.