



**LINK-GIS**

A Northern Kentucky Geographic Information System

*We're All Connected*



**PDS**

Planning and Development  
Services of Kenton County

# **Presentation to the Kenton County School Board**

**November 2, 2020**

# Introduction

- **ESRI GIS Software**

- GIS (Geographic Information Systems)
- Geographic layers – Points, Lines and Polygons
- Hosts “School Site” Forecasting Software

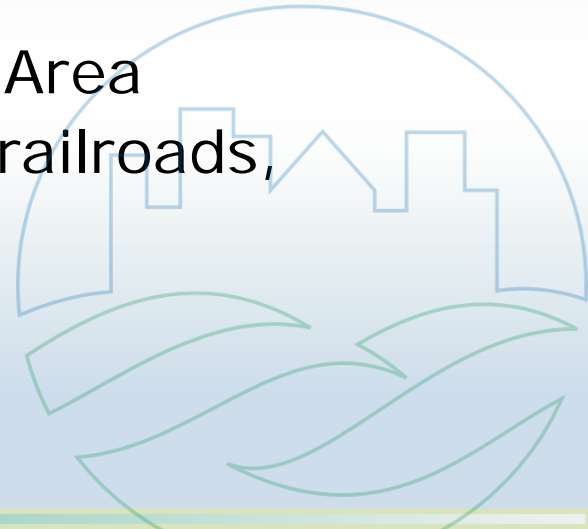
- **School Site Software**

- Compiles Geographic Data and Additional Data
- Generates Report
- Generates Maps



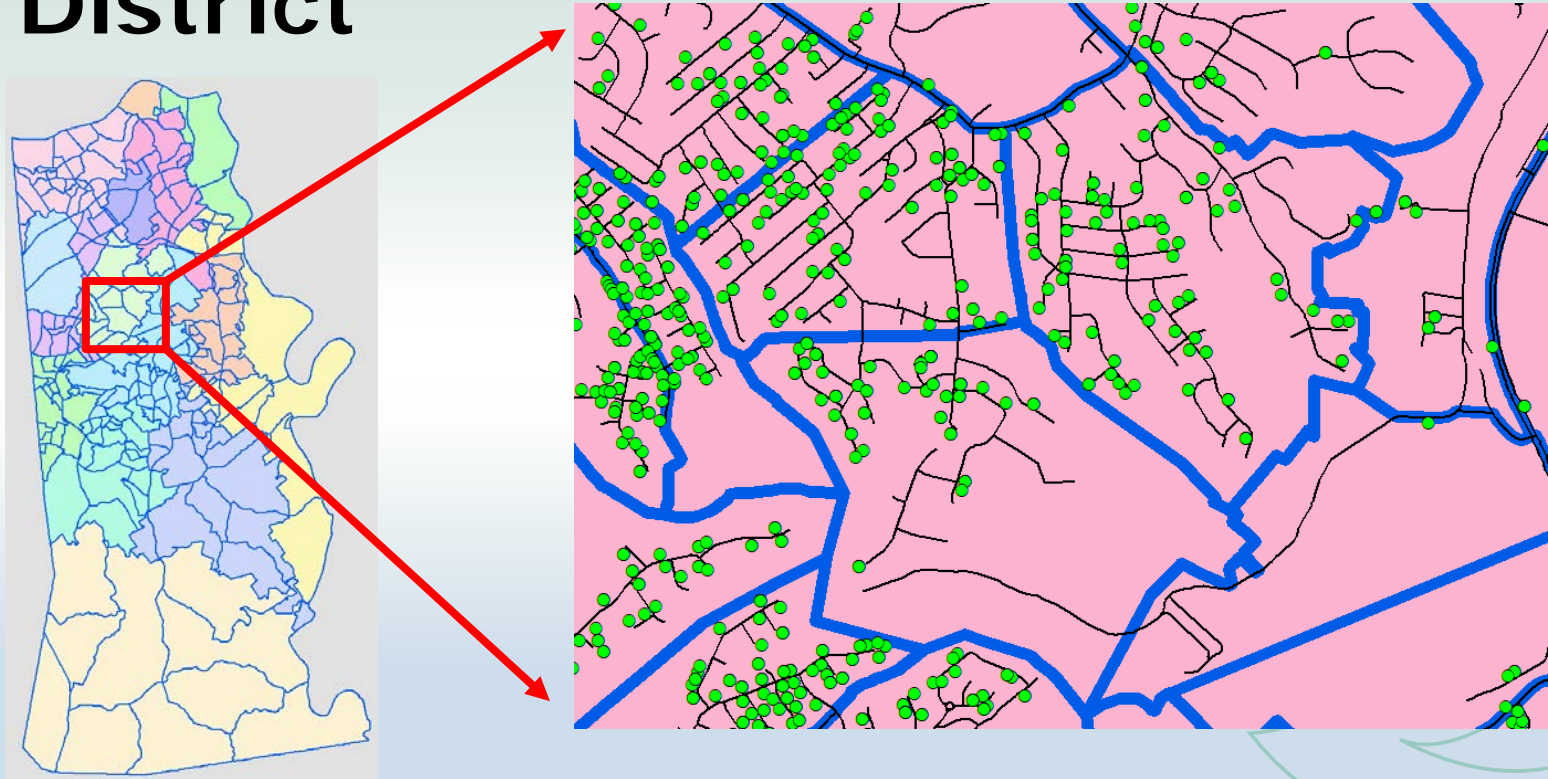
# Geographic Data

- **Geographic Network**
  - Street Centerlines
  - Schools (Locations and Boundaries)
- **Study Areas**
  - Building Blocks of a School District
  - 228 Study Areas
  - Approx 70-100 Students per Study Area
  - Follow Logical Boundaries (streets, railroads, rivers, etc.)
- **Student Locations**

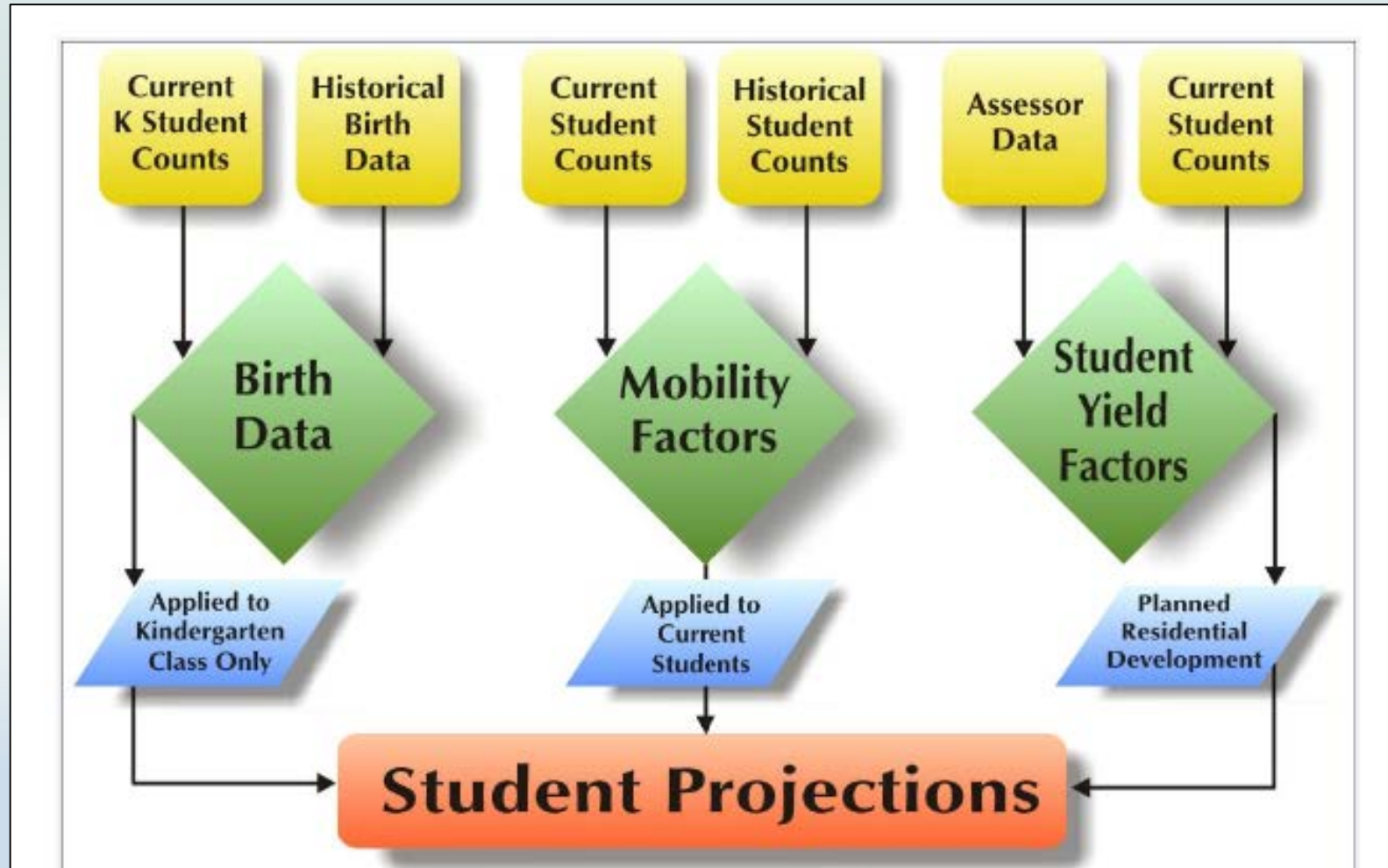


# Study Areas

- **Building Blocks of a School District**



# Applying Variables



# Projected Housing

- Platted Lots: Lots which have been created and subdivided.
- Platted Lots Available: Remaining platted lots with no house.
- Total Planned: Total lots eventually planned for the development.



Age Group	2026	2027	2028
15-24	14	14	3
25-34	14	14	3
35-44	14	14	3
45-54	14	14	3
55-64	14	14	3
65-74	14	14	3
75-84	14	14	3
85+	14	14	3

	Total Lots Platted	Platted Lots Available	Total Lots Planned	Remaining Lots	Avg/Year
Battle Ridge	56	1	75	20	10.7
Meadow Glen	275	21	369	115	14.3

[illegible]



# Student Yield

Number of Students projected from a development.

Example: 100 built lots has 50 students =  
student yield of 0.5

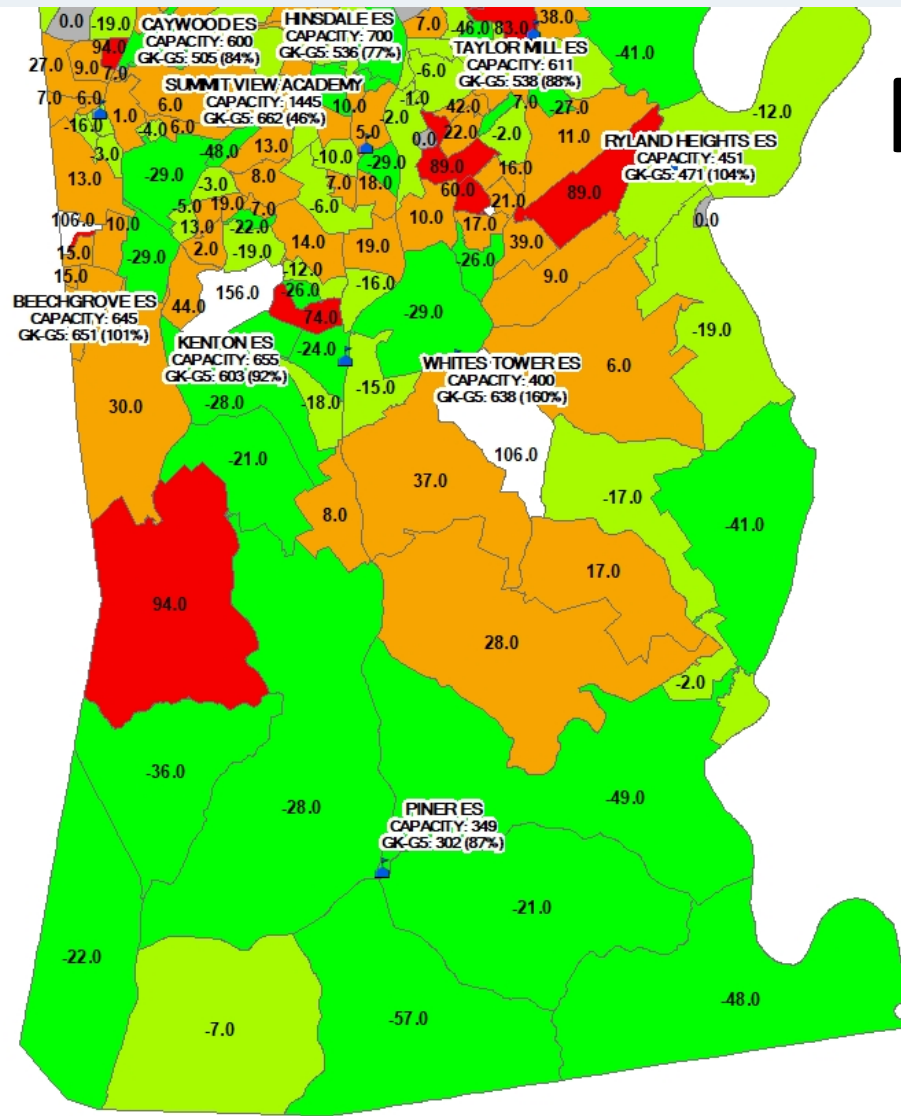
K-5: 0.24

6-8: 0.11

9-12: 0.15







# Questions?





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