



# Planning for the Future

BAC Presentation

*February 21, 2023*





# Agenda

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- |   |                  |
|---|------------------|
| <b>I. Welcome</b>                             | Larry Englebrick |
| <b>II. Review of Futures Planning Process</b> | RSP              |
| <b>III. Review of Enrollment Analysis</b>     | RSP              |
| <b>IV. Review of Facility Study</b>           | ACI Boland       |
| <b>V. Boundary Committee Discussion</b>       | Larry Englebrick |



# Setting the Stage

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- *“Given the school district’s budget situation, this exodus of teachers is likely to get worse before it gets better.”*
- *“We don’t pay our teachers enough.”*
- *“Despite the district’s budget woes, board members have refused to make cuts that, while possible, would violate community standards many consider unique to Lawrence.”*
- *“Because to maximize building efficiency you need to be at 500 to 650 students.”*
- *“It all comes down to choice and priorities, and I think we’ve made it clear that teacher salaries are a top priority. But it’s not going to be painless.”*

***Lawrence Journal World Articles (Feb/March 2005)***  
***Randy Weseman, Sue Morgan***



# Ground Rules

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## FACILITATOR WILL LEAD

Facilitator will lead meeting and provide opportunities for discussion

## STAY OPEN MINDED



## BE AN ACTIVE LISTENER

Provide complete thoughts, have no personal agenda

## BE TIMELY

Make your points concisely,  
allow others a chance



## COME PREPARED

Come prepared for the discussion

## REMAIN THOUGHTFUL AND RESPECTFUL



## REMAIN ENGAGED

Actively participate during  
the meeting

## USE PARKING LOT

Place to save questions  
for future discussion





# Expectations & Anticipated Outcomes

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- ☐ Analyze presented materials
- ☐ Give input on the preliminary boundary work to administration
- ☐ **END GOAL: Provide questions/considerations you would like addressed in a future boundary proposal**

## Deep Thoughts to Consider:

- Impact on building utilization?
- Impact on class size?
- Impact on students (ELL, FRL, title)?
- Impact on transportation?
- Impact on feeder system?
- What is the overall goal?



# *Futures Planning Committee Overview*

*RSP & Associates*



# Futures Planning Committee Process

## 4 Board of Education Meetings

- ✓ August 15<sup>th</sup>
- ✓ January 23<sup>rd</sup>
- ✓ February 21<sup>st</sup>
- ❑ February 27<sup>th</sup>

## 9 Committee Meetings

- ✓ September 14<sup>th</sup>
- ✓ September 21<sup>st</sup>
- ✓ October 5<sup>th</sup>
- ✓ November 2<sup>nd</sup>
- ✓ November 30<sup>th</sup>
- ✓ December 14<sup>th</sup>
- ✓ January 11<sup>th</sup>
- ✓ February 2<sup>nd</sup>
- ✓ February 15<sup>th</sup>

## 3 Public Input Opportunities

- ✓ Survey (November 8<sup>th</sup> to 18<sup>th</sup>)
- ✓ January 17<sup>th</sup>
- ✓ January 18<sup>th</sup>

Started: **August 2022**

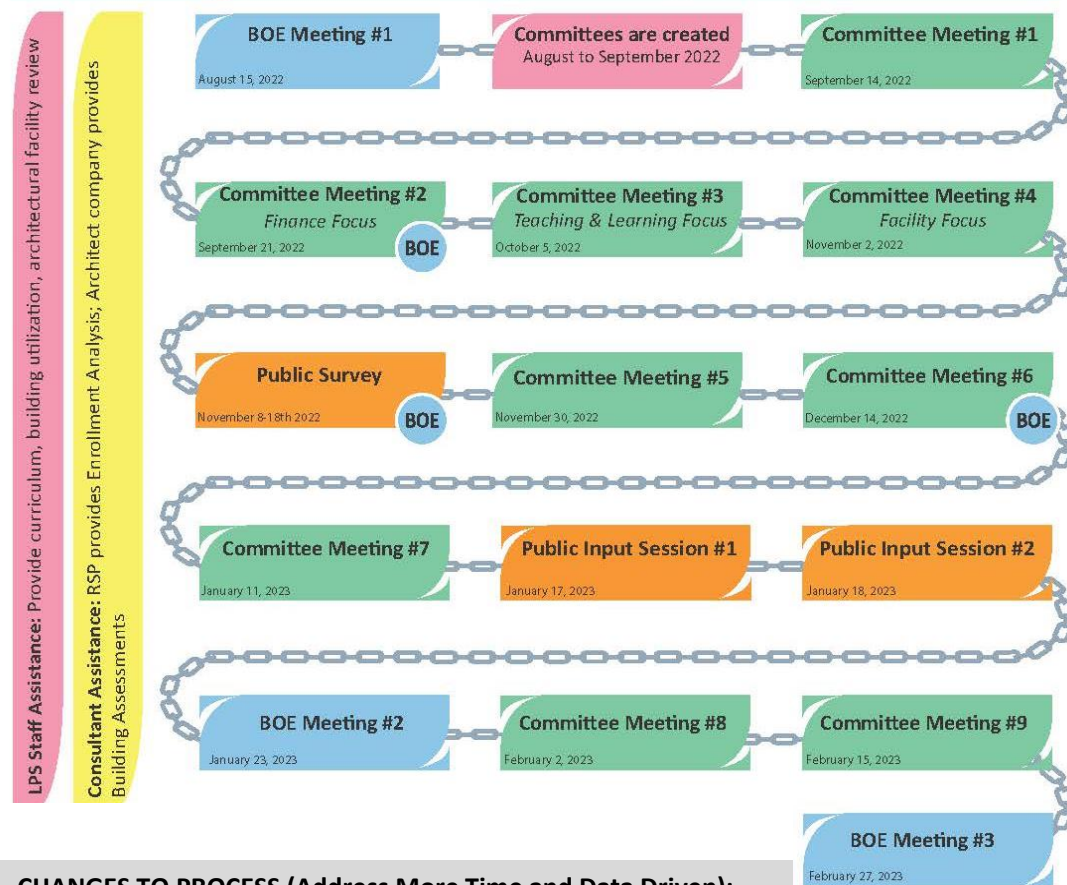
Completed: **February 2023**



**Lawrence Public Schools**

Updated Dec. 15, 2022

### Futures Planning Committee - Board of Education Approval



#### CHANGES TO PROCESS (Address More Time and Data Driven):

- Added additional Committee Meeting
- Increased length of meetings from 90 minutes to 120 minutes
- Added a special meeting for the Board



# District Finance Priorities

## **PRIORITY 1 – Achieve Competitive Wages for Staff**

- ☐ GOAL: Certified staff to be competitive with districts in our area (Administration could receive the same increase as certified)
- ☐ GOAL: Classified staff to be \$15 an hour base pay.
- ☐ COST: Need approximately \$9M allocated.
- ☐ TIME RANGE: 1 to 2 years

## **PRIORITY 2 – Allocate Funds for Annual Cost Increases**

- ☐ GOAL: Allocate funds for Property and liability insurance premiums, health insurance premiums and utilities to increase up to \$1M annually.
- ☐ COST: Need approximately \$1M allocated yearly
- ☐ TIME RANGE: 1 year (deadline May 2023)

## **PRIORITY 3 – Increase District Cash Balances**

- ☐ GOAL: Cash balances for Contingency Funds, Health and Work Comp Reserve, Special Education, At-Risk K-12, Bilingual Education, Vocational Education, and Virtual Education should be increased
- ☐ COST: Need approximately \$6.2M allocated
  - Breakdown of Total:
    - \$3.7M to Contingency
    - \$800,000 to Health and Work Comp Reserves
    - \$1.3M to Special Education
    - \$100,000 to each of the following: At-Risk K-12, Bilingual Education, Vocational Education and Virtual Education.
- ☐ TIME RANGE: 10 years



# How the scenario evolved...

- ↓ BOE established financial priorities
- ↓ BOE supported examining utilization of facilities to address financial priorities
- ↓ Futures Planning Committee was created
- ↓ Committee was educated in District Finances, Academics/Strategic Plan, and Facilities
- ↓ Committee created belief statements
- ↓ Three “Buckets” of potential cost savings were identified and presented to committee:
  - Bucket 1: Reduction in Staff
  - Bucket 2: Reduction in Programs
  - Bucket 3: Reduction in Facilities
- ↓ Public input survey was sent out to gather public feedback and level of support for items to consider in each bucket
  - Results found majority of public supported prioritizing savings from Bucket 3 over the other buckets

## Phase 1

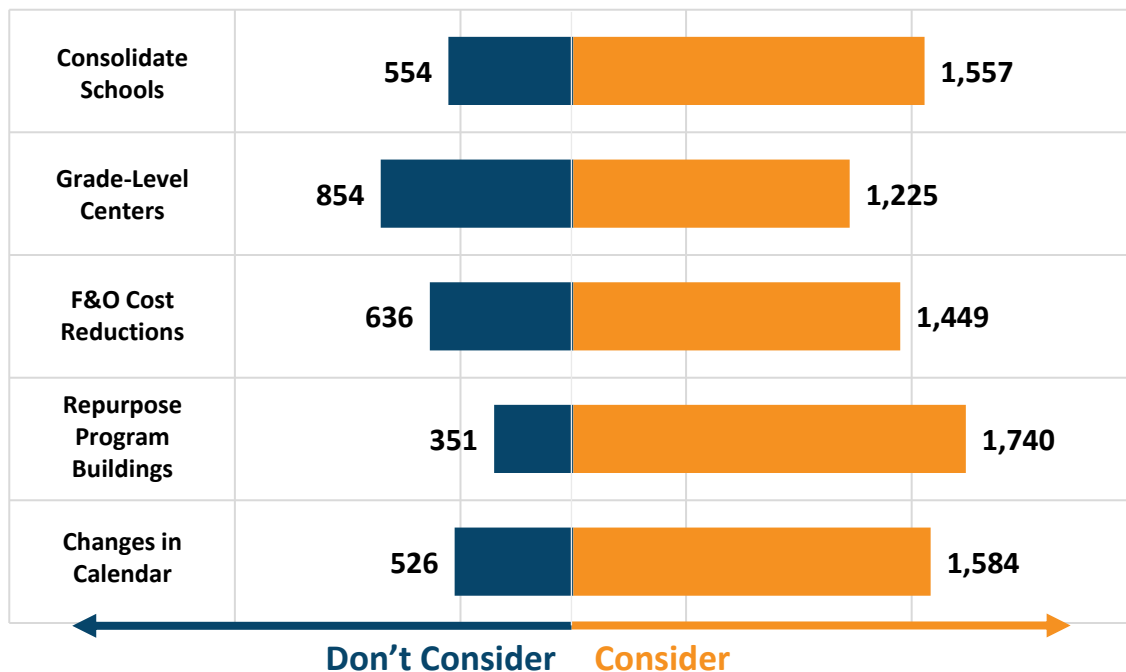
- Establish Task
- Create the Sandbox
- Receive Input



# Public Input Survey

## Main Takeaway:

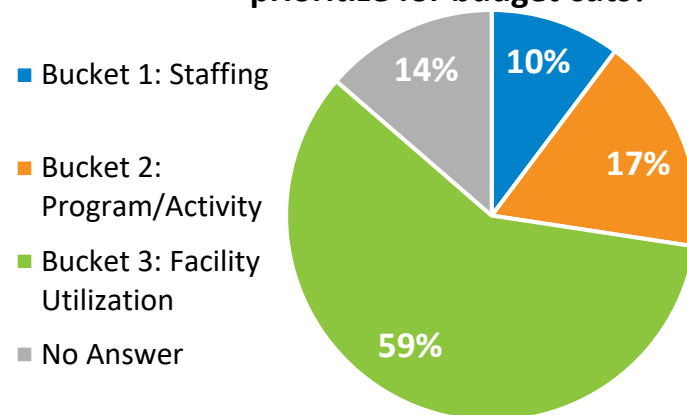
- 59% of responses chose Bucket 3 to be prioritized
- 59% of responses think schools are currently being under-utilized
- All individual items in Bucket 3 were **to be considered** in this process
- Most items in Bucket 1 (staffing) and Bucket 2 (programs) had more input **to not be considered** in this process



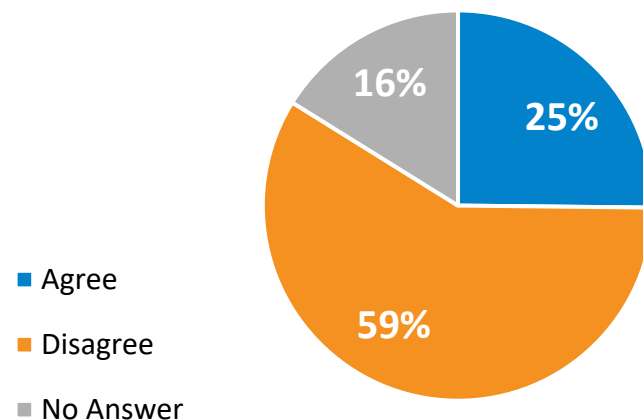
## Demographics of Survey Takers:

- 2,682 total responses
- 45% of responses from parents
- 26% of responses reside in NW Quadrant

## What bucket should the committee prioritize for budget cuts?



## Schools are currently being utilized to their highest level.





# How the scenario evolved...

- ↓ Committee was asked to brainstorm solutions utilizing budget reduction items in all three buckets
- ↓ Committee requested administration input on a scenario that could be implemented next year
- ↓ At meetings #5 through #7, Committee revised administration *Budget Reduction Scenario*
- ↓ *Committee Revisions:*
  - ❑ Remove all budget reduction items in Bucket 2
  - ❑ Support future savings from items in Bucket 3
  - ❑ Add savings from solar/renewable energy
  - ❑ Consider different calendar changes to achieve cost savings
  - ❑ Committee voted on different revised scenarios from small group work
- ↓ The revised *Budget Reduction Scenario* with the most committee votes at Meeting 7 was presented at public input sessions

## Phase 2

- Brainstorm
- Ask the Experts
- Take to the Public



# How the scenario evolved...

- ↓ Committee received all public input information and revised the *Budget Reduction Scenario* further
- ↓ Committee participated in large and small group discussion to collaboratively review public input
- ↓ Committee provided final quantitative and qualitative support on the Final Budget Reduction Scenario
- ↓ Committee utilized the Equity Impact Analysis Tool on items in the Budget Reduction Scenario
- ↓ **Superintendent utilized all the work and input up to this point to create the Recommended Scenario**

## Phase 3

- Discuss
- Revise
- Finalize



# Board Objective & Committee Feedback

Finance Priorities Summary	Total Cost	Time Range
<b>Achieve Competitive Wages for Staff</b>	Approx. \$9M	1-2 years
<b>Allocate Funds for Annual Cost Increases</b>	Approx. \$1M	1 year
<b>Increase District Cash Balances</b>	Approx. \$6.2M	10 years

## ***Futures Planning Committee General Feedback on Task (ongoing):***

- Can the Board engage a new process to analyze elementary and middle school boundaries and the educational outcomes of combined classrooms (elementary)?
- Can the board extend the Futures Planning Committee to be standing committee?
- Do we have the right grade configuration to achieve a long-term solution?
- Has the process provided enough time and opportunity for committee members to discuss, analyze, ask questions, and provide input to achieve consensus on the objectives?
- Are we fully addressing the problem?
- Does the Board's goal of achieving of \$9mil for competitive wages do more harm than good (educational outcomes and teacher retention)?



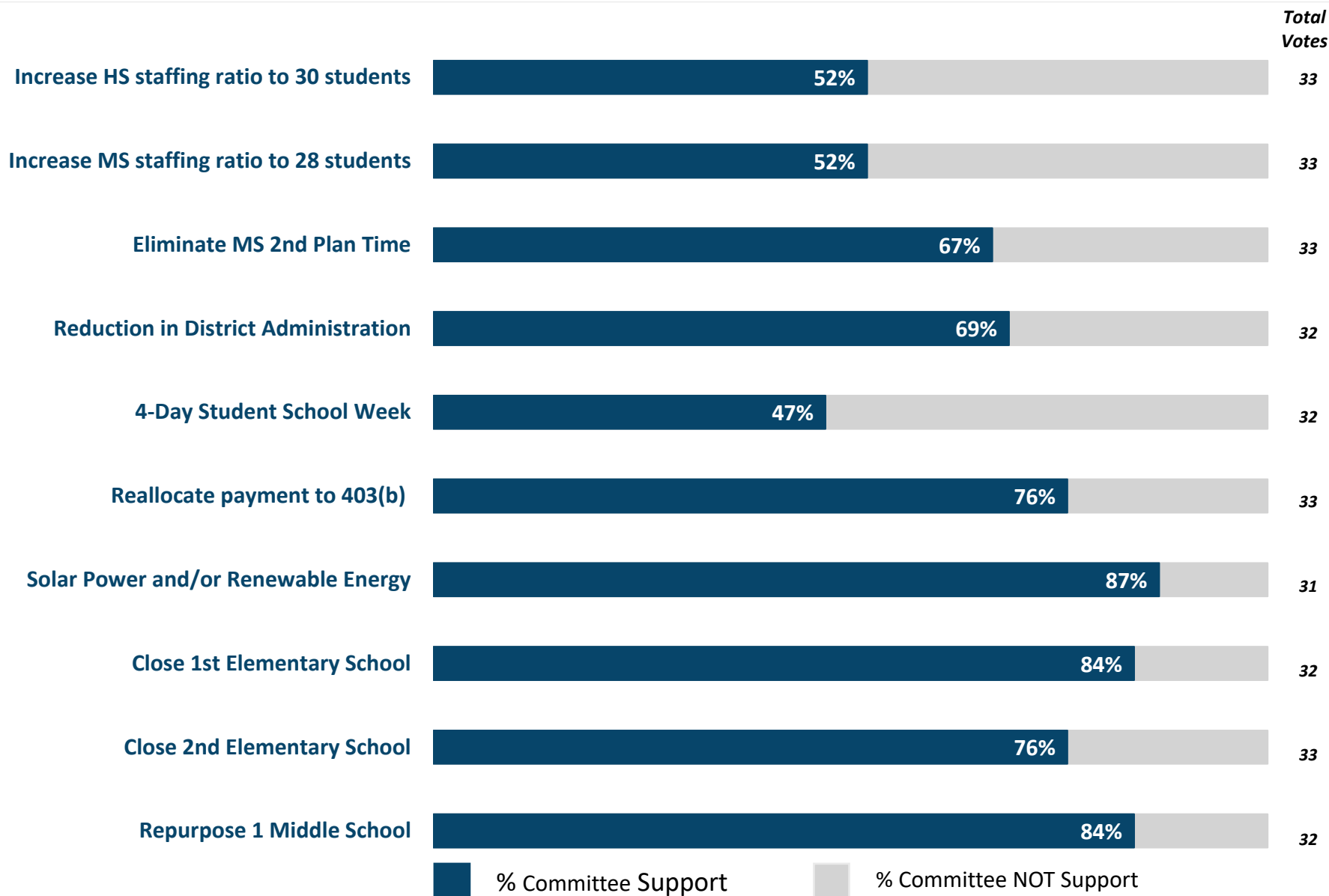
# Budget Reduction Scenario (presented at public input)

<b>DRAFT</b> Superintendent Recommendation	Estimated Cost Savings		<b>Estimated Cost Savings Notes and Potential Impact of Items:</b> <i>The bullet points listed below illustrate potential impacts of expense reduction items. They are not all encompassing but serve as a starting point to discuss this scenario.</i>
	Low Rate	High Rate	
Increase Staffing Ratios: <ul style="list-style-type: none"> <li>Middle Schools to 28 students</li> <li>High Schools to 30 students</li> </ul>	\$3,250,000	\$5,005,000	<ul style="list-style-type: none"> <li>Fewer staff to serve student instruction</li> <li>Increased student-teacher contact time</li> <li>Fewer elective options; larger class sizes; efficiencies</li> </ul>
<b>Negotiated Item:</b> Eliminate Middle School 2 <sup>nd</sup> Plan Time	\$1,300,000	\$1,300,000	<ul style="list-style-type: none"> <li>Reduced grade-level plan time for middle school teachers</li> <li>Increased student-teacher contact time</li> <li>Plan time parity with EL/HS</li> </ul>
Reduce District Administration	\$127,662 per position	\$127,662 per position	<ul style="list-style-type: none"> <li>Fewer staff to serve students, staff, and community and complete administrative responsibilities, including federal/state requirements.</li> </ul>
Find Savings in Changes to School Calendar Example: Transition to 4-Day Student School Week, 5-Day Work Week	\$700,000	\$700,000	<ul style="list-style-type: none"> <li>May impact families' childcare needs, transportation accessibility, student support services, and extra- and co-curricular activities</li> <li>Potential to increase student learning hours in total and provide more plan time per week for teachers</li> <li>More information to come from Calendar Committee on potential implementation of item</li> </ul>
<b>Negotiated Item:</b> Reallocate Board Payment to 403(b)	\$1,260,000	\$1,260,000	<ul style="list-style-type: none"> <li>Minimal student impact</li> <li>Does not remove program option for staff; item will reallocate district payment from 403(b) program directly to staff salary</li> </ul>
Investigate Savings in Solar Power and/or Renewable Energy	Unknown Savings		<ul style="list-style-type: none"> <li>Minimal student impact</li> <li>More information to come on implementation and savings</li> </ul>
Repurpose/Close 1 Elementary School	\$300,000	\$400,000	<ul style="list-style-type: none"> <li>Boundary realignment, student/family transitions; emotional loss; repurposing potential; efficiencies in facility utilization; economies of scale</li> <li>Increase consistency of educational programming; Middle school increase consistent implementation of middle school model (teams)</li> <li>"Estimated Cost Savings" include savings from consolidating core building staff (principles, custodians, librarians, etc.). "Estimated Cost Savings" do <b>NOT</b> include potential savings from utility costs or teaching staff reductions</li> </ul>
Repurpose/Close 1 Elementary School	\$300,000	\$400,000	
Repurpose/Close 1 Middle School	\$325,000	\$325,000	
<b>Grand Total:</b>	<b>\$7,562,662</b>	<b>\$9,517,662</b>	



# FPC Poll Results (Meeting 9)

Note: 34 members of FPC attended Meeting 9. Some member chose not to vote on items. The number of responses per item is notated along the side of the bar graph.





# Summary of FPC Considerations (Meeting 9)

Increase HS staffing ratio to 30 students	<ul style="list-style-type: none"> <li>Consider size of classroom space</li> <li>Consider setting students per class minimums</li> </ul>	<ul style="list-style-type: none"> <li>Consider reducing level of increase to 25-28 student ratios</li> <li>Consider increase stress/workload of teachers</li> </ul>
Increase MS staffing ratio to 28 students	<ul style="list-style-type: none"> <li>Do not consider this if eliminated 2<sup>nd</sup> plan time &amp; taking a MS offline</li> <li>Consider setting students per class minimums</li> </ul>	<ul style="list-style-type: none"> <li>Consider reducing level of increase to 25-28 student ratios</li> <li>Consider increase stress/workload of teachers</li> </ul>
<b>Negotiated Item:</b> Eliminate MS 2 <sup>nd</sup> Plan Time	<ul style="list-style-type: none"> <li>Consider item with 4-day work week</li> <li>Do not consider item if increasing class size ratios</li> </ul>	<ul style="list-style-type: none"> <li>Consider with equity lens – student support VS teaching plan time at other levels</li> </ul>
Reduction in District Administration (1 position)	<ul style="list-style-type: none"> <li>Consider implementing in 2023/24 school year</li> <li>Consider tying administration staffing to student enrollment or other forms of salary reduction</li> </ul>	<ul style="list-style-type: none"> <li>Consider reduction by 2-3 positions</li> <li>Consider current workload of administrators and support needed throughout entire system</li> </ul>
Transition to a 4-Day Student School Week	<ul style="list-style-type: none"> <li>Do not consider implementing in 2023/24</li> <li>Consider for secondary grades, not for elementary</li> </ul>	<ul style="list-style-type: none"> <li>Consider impact on hourly staff</li> <li>Consider public input on this item (positive &amp; negative)</li> </ul>
<b>Negotiated Item:</b> Reallocate payment to 403(b)	<ul style="list-style-type: none"> <li>Consider implementing in 2023/24 school year</li> </ul>	
Savings in Solar Power and/or Renewable Energy	<ul style="list-style-type: none"> <li>Consider adopting energy saving guidelines</li> <li>Consider feasibility and cost savings of item</li> </ul>	
Close 1 <sup>st</sup> Elementary School	<ul style="list-style-type: none"> <li>Consider paired grade centers</li> <li>Consider grade configuration change</li> <li>Consider closing more than 2 elementary schools</li> </ul>	<ul style="list-style-type: none"> <li>Consider SES equity, transportation/walkability, student safety, and other measures of student success</li> </ul>
Close 2 <sup>nd</sup> Elementary School		
Repurpose 1 Middle School	<ul style="list-style-type: none"> <li>Consider ways to repurpose to be district draw</li> <li>Consider repurposing as ESC and selling current building</li> </ul>	<ul style="list-style-type: none"> <li>Consider undergoing a full boundary analysis on all grade levels</li> </ul>



# EIAT: Total Futures Planning Committee Results

## Equity Impact Analysis Summary

### Futures Planning Committee Budget Proposal Option and Recommendation

After completing the Equity Impact Analysis, the final recommendation for the budget reduction is:

**Must Not Cut ~ Could Be Cut ~ Should Be Cut ~ Must Be Cut**

Budget Proposal Option:	We recommend:
Repurpose/Close 1 - 2 Elementary Schools	Must Be Cut
Transition to 4-day Student School Week, 5-day Work Week	Must Not Cut
Reallocate Board Payment to 403(b)	Could Be Cut
Reduce District Administration	Could Be Cut
Increasing Staffing Ratios Middle School (28)	Must Not Cut
Increasing Staffing Ratios High School (30)	Must Not Cut
Eliminate Middle School Second Plan Time	Must Not Cut
Repurpose/Close 1 Middle School	Should Be Cut



# Final Recommendation to be presented Monday

<b>DRAFT</b> Superintendent Recommendation	Estimated Cost Savings		<b>Estimated Cost Savings Notes and Potential Impact of Items:</b> <i>The bullet points listed below illustrate potential impacts of expense reduction items. They are not all encompassing but serve as a starting point to discuss this scenario.</i>
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# *Enrollment Outlook*

*RSP & Associates*



# Sophisticated Forecast Model

**Built-Out** 
$$S_{c, t, x} = S_{c-1, t-1, x} * GC$$

Let:

- S = The number of students, either an actual count or a projected count
- x = A subscript denoting an attendance area in the School District
- c = Grade level
- t = Time (years)
- GC = Growth component either modeling enrollment increase or decrease based on historical information, expressed as a real number

**Developing** 
$$S_{c, t, x} = S_{c-1, t-1, x} + (BP_{t, x} * R_{c, x})$$

**Where:** 
$$BP_{t, x} = \left( \frac{(CP_x) (BT_x) (A_x)}{\sum_x (CP_x) (BT_x) (A_x)} \right) * CT$$

Let:

- S = The number of students, either an actual count or a projected count
- x = A subscript denoting an attendance area in School District
- c = Grade level
- t = Time (years)
- BP = Building permit forecast as given by the Building Permit Allocation Model (BPAM) model
- R<sub>c, x</sub> = Student Enrollment ratio of cohort c in planning area x
- CP = Capacity of a planning area as expressed by available housing units
- BT = Building history trend of planning area
- A = An index which models the likelihood of development
- CT = Building permit control total forecast

This is the **central focus** of everything RSP does.

The model is based on what is happening in a school district. The best data is statistically analyzed to provide an accurate enrollment forecast. The District will be able to use RSP's report and maps to better understand demographic trends, school utilization, and the timing of construction projects.

The SFM is...

- a social science... not an exact science; it identifies behavior trends to determine the propensity of them to be recreated
- valuable in how our team created and analyzes the geography at a planning area level for any commonality which while help produce an accurate forecast

Some variables examined for each planning area (but not limited to) are...

- natural cohort (district data)
- planning area subdivision lifecycle (a RSP variable)
- the value of homes (county assessor data)
- type of residential units like single-family, multi-family, townhome, mobile home, etc. (county assessor data)
- year units were built
- estimated female population (census data)
- estimated 0-4 population (census data)
- existing land use (county and city data)
- future land use (county and city data)
- capital improvement plan (county and city data)
- future development (county and city data)
- in-migration of students (district data) & out-migration of students (district data)

Each variable is analyzed as an indicator of the future student population:



Indicator of Student Growth



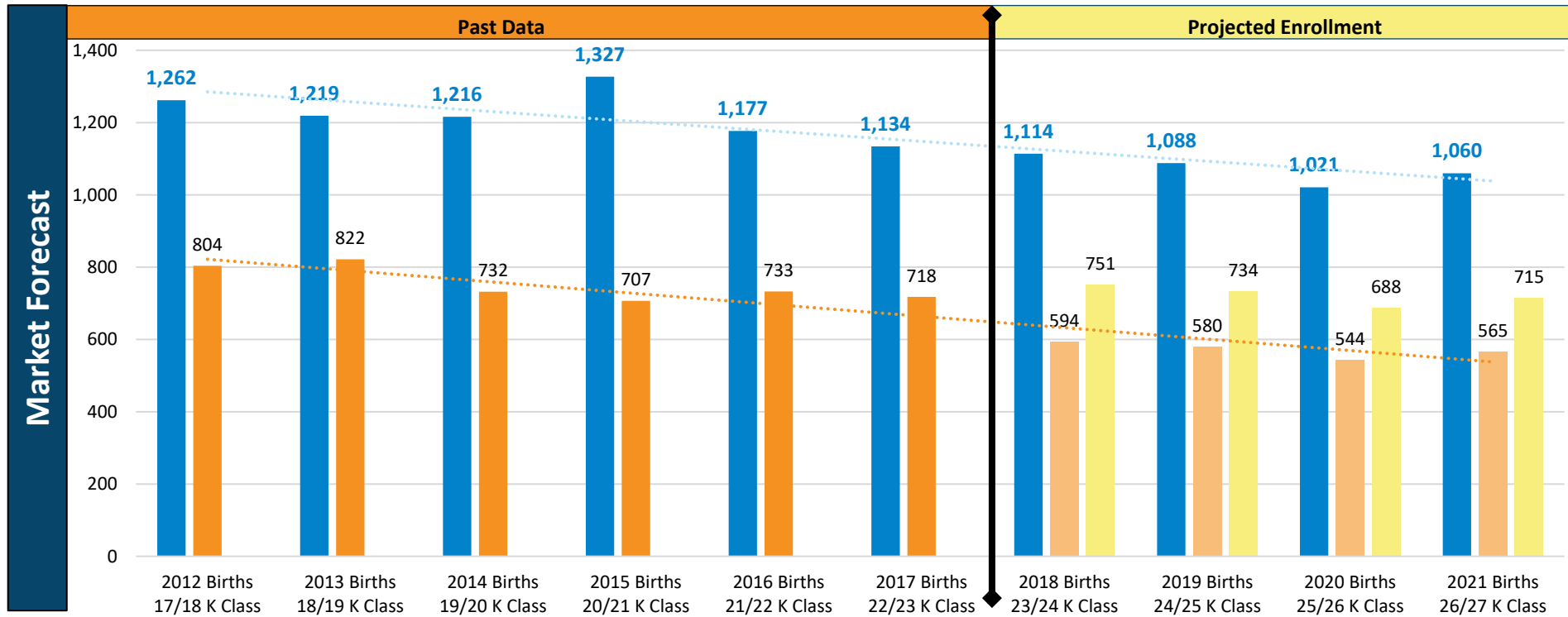
Indicator of Student Loss



# Birth Rate Information



Live Births per year V Kindergarteners 5 Years Later



Source: Douglas County and ESRI

Live Births per Year

Past Kindergarten students

Projected Low Range

Projected High Range

## Live Birth Observations

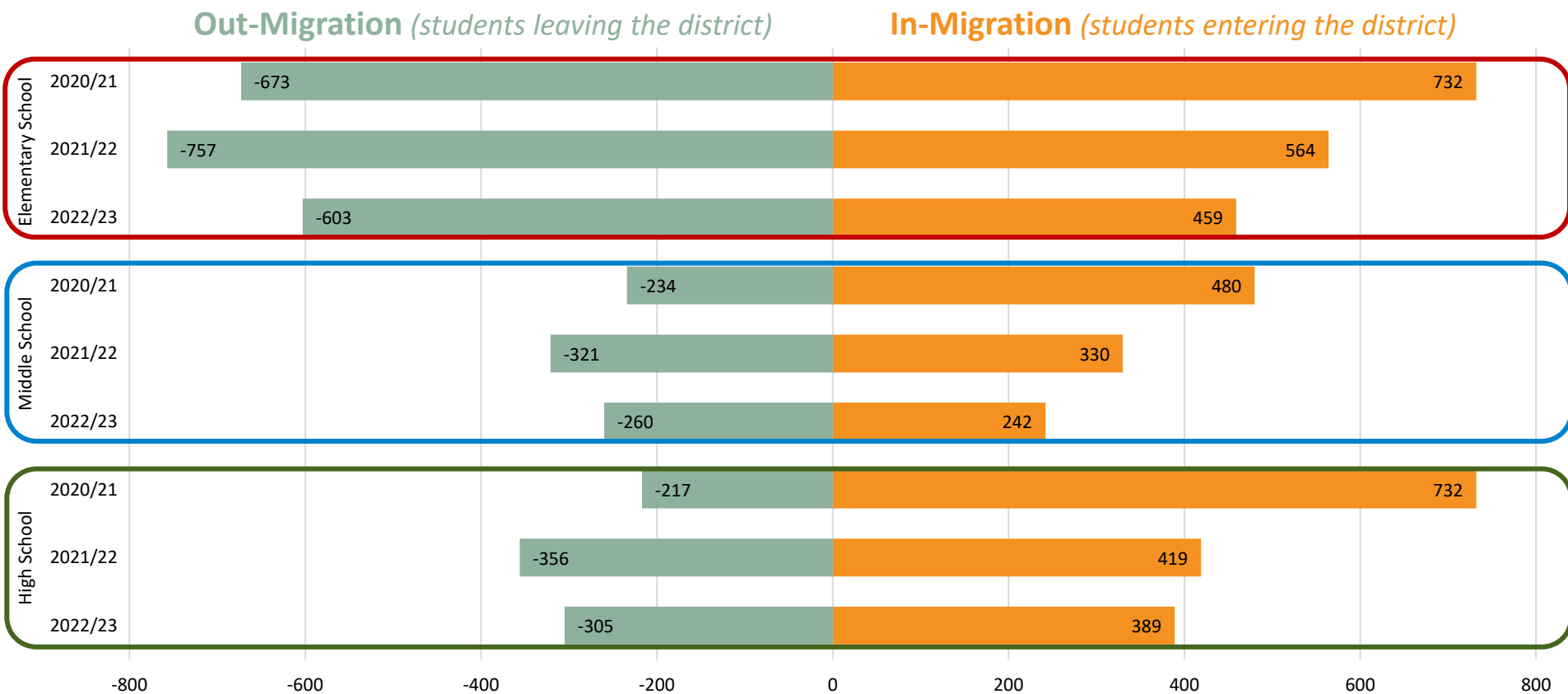
- The number of Douglas County live births and corresponding kindergarten classes have been decreasing
- 3-year average of 38 less live births per year
- The kindergarten classes moving forward are forecasted to be between:
  - Low End: 540 – 590 students
  - High End: 690 – 750 students

## Main Takeaway:

- The decline of live births in the county is an indicator of student loss
- To increase kindergarten enrollment, a larger percentage of Douglas county live births needs to enroll in Lawrence Public Schools (over 65%)



# 3-Year Student Migration Trend



Source: Douglas County and ESRI

## Definition

**Out-Migration:** Shows number of students in grade K to 11<sup>th</sup> that were attending the District in 2021/22, but are not attending the District in 2022/23.

**In-Migration:** Shows number of students in grade 1<sup>st</sup> to 12<sup>th</sup> that are attending the District in 2022/23, but were not attending the District in 2021/22.

## Observations

- 2020/21 lost 1,124 students and gained 1,944 students; **NET: +820**
- 2021/22 lost 1,434 students and gained 1,313 students; **NET: -121**
- 2022/23 lost 1,168 students and gained 1,090 students; **NET: -78**

## Main Takeaway:

The district had a negative net gain of transfer students for the past two years.

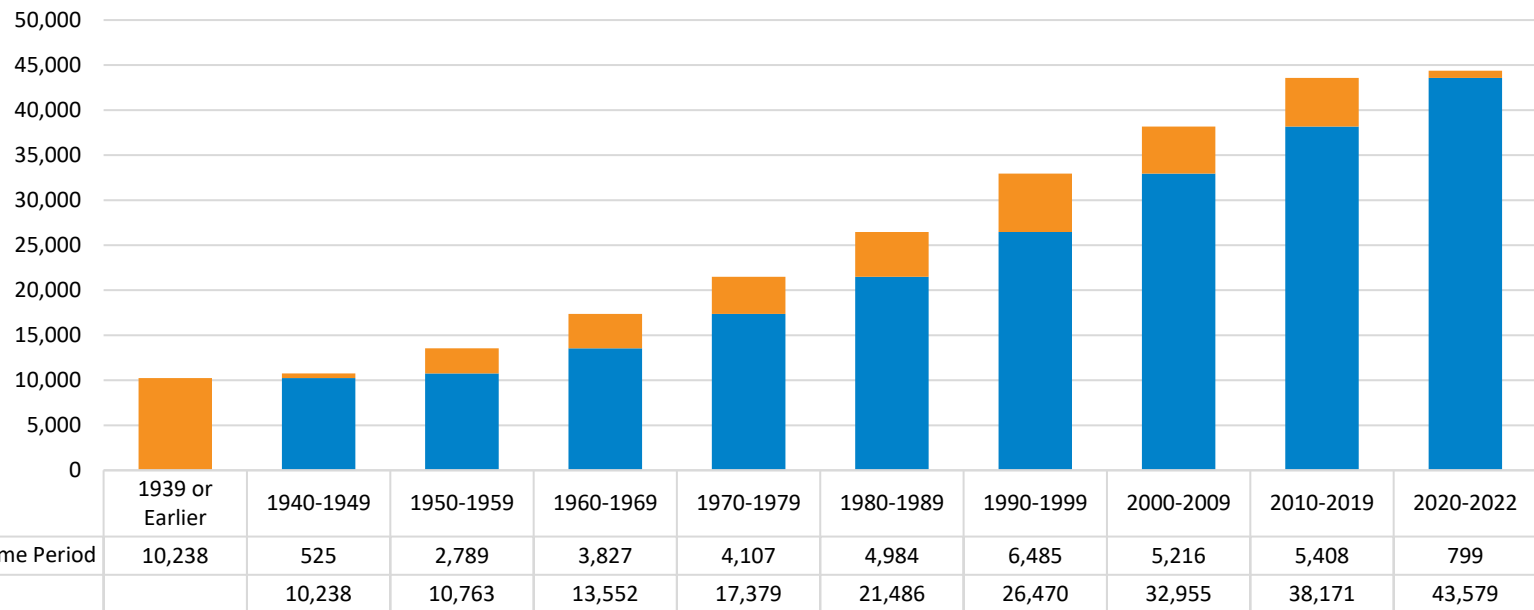


# Development Activity Over Time

## Observations:

- Table has been created to illustrate the number of units by year built
- The average number of units built per year from 2010 to 2019 (541 per year) is higher than from 2000 to 2009 (522 per year)
- The decade with the most units built was 1990 to 1999
- The average year for all units built was 1944 while the median year is 1984

Development Activity by Decade



## Main Takeaway:

Development in the district has been stable between decades contributing around 5,000 units every ten years.



# Regional Growth – Panasonic Industries

## Location:

- Old Sunflower Ammunition Plant in De Soto, Kansas

## Timing:

- Panasonic has announced it will begin building its EV battery plant in November 2022
- Mass production is targeted to begin by the end of March 2025.

## Job Impact:

- Facility is expected to bring in about 4,000 new jobs
- Expected to create/support an estimated 4,000 additional jobs created by suppliers and community businesses, along with 16,500 construction jobs
- The new facility will produce cylindrical Li-ion batteries for electric vehicles (Tesla)

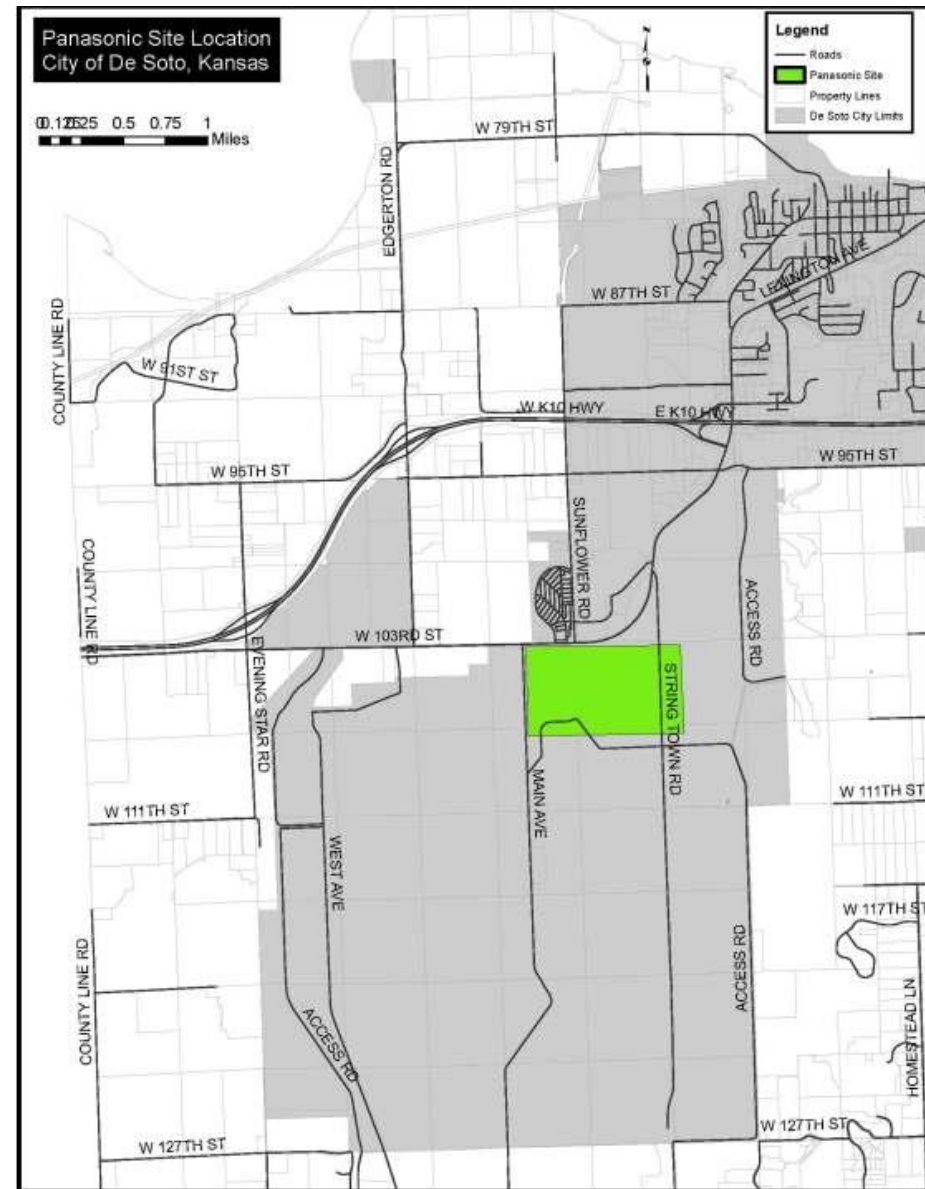
Sources:

<https://fox4kc.com/news/de-soto-panasonic-battery-plant-could-open-in-just-two-years/>

<https://www.kmbc.com/article/panasonic-lithium-battery-plant-ev-desoto-kansas-johnson-county-construction-jobs/41817734>

<https://www.kmbc.com/article/panasonic-electric-vehicle-battery-plant-in-de-soto-kansas/40607716>

<https://www.kctv5.com/2022/10/31/panasonic-start-building-massive-battery-plant-de-soto-next-month/>

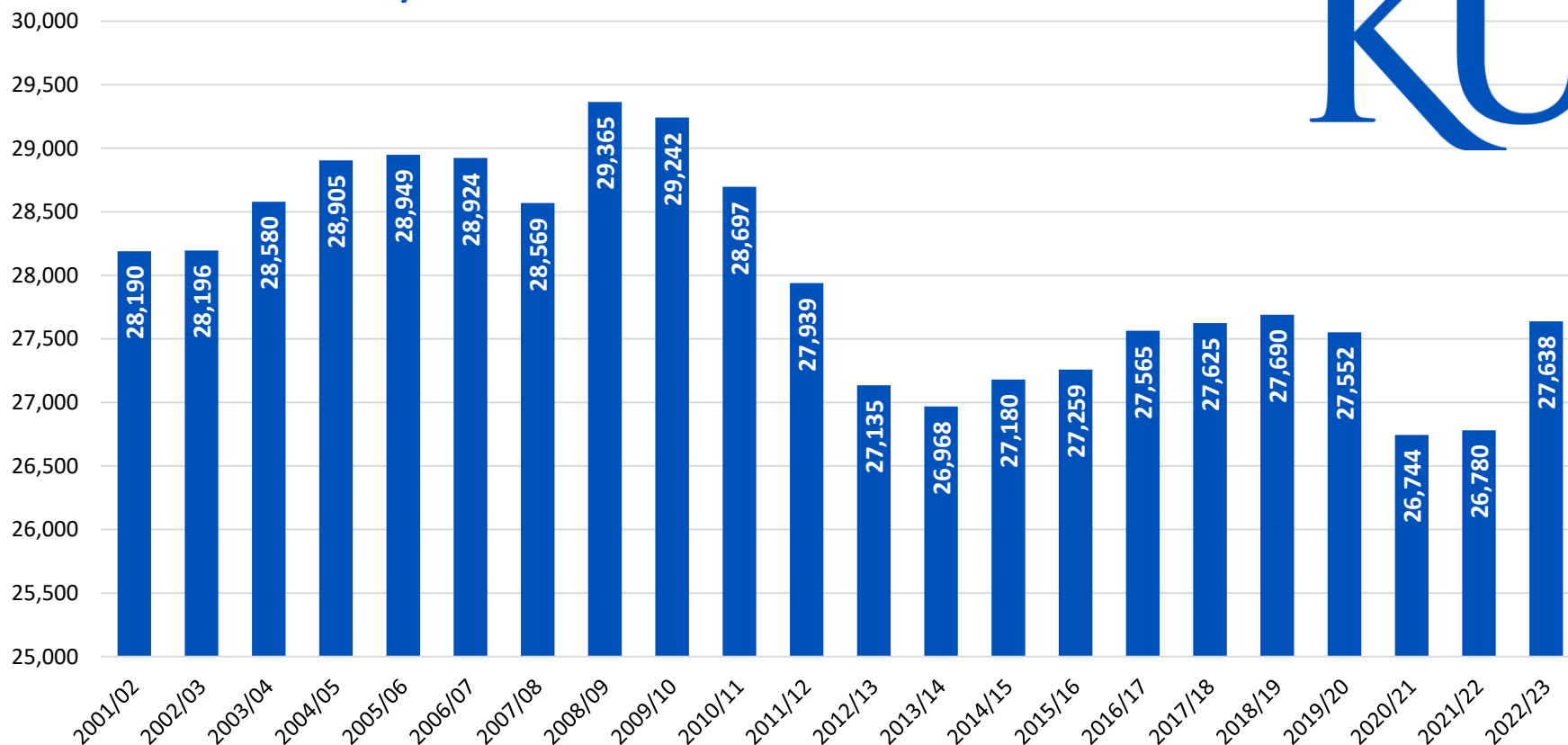




# University of Kansas Enrollment



Total Enrollment by Year



Source: University of Kansas

[https://aire.ku.edu/sites/air/files/files/CDS/KUCDS\\_2021\\_2022.pdf](https://aire.ku.edu/sites/air/files/files/CDS/KUCDS_2021_2022.pdf)

Note: Total enrollment includes all KU students from the five principal locations: the main campus, Lawrence; the Medical Center campus, Kansas City; School of Medicine branch campuses in Wichita and Salina; and the Edwards Campus in Overland Park.

## Main Takeaway:

- Enrollment has been decreasing
- 2022/23 enrollment was 27,638 students
  - 23,872 students are at Lawrence and Edwards campus
  - 3,766 students are at the Medical Center campus
- The peak year for enrollment was 2008/09 with 29,365 students



# Growth Area Map



- Elementary School
- Middle School
- ◆ High School
- ▭ District Boundary
- ▨ Parks
- ▨ Recreation
- ▨ Golf Courses
- ▨ Clinton Lake

## Growth Areas

- Current
- 5 Year
- 10 Year

Population growth Areas are defined as areas that display a high propensity for growth; however, development is not guaranteed. Additionally, it is possible that areas not designated for growth may develop.

### Elementary Schools

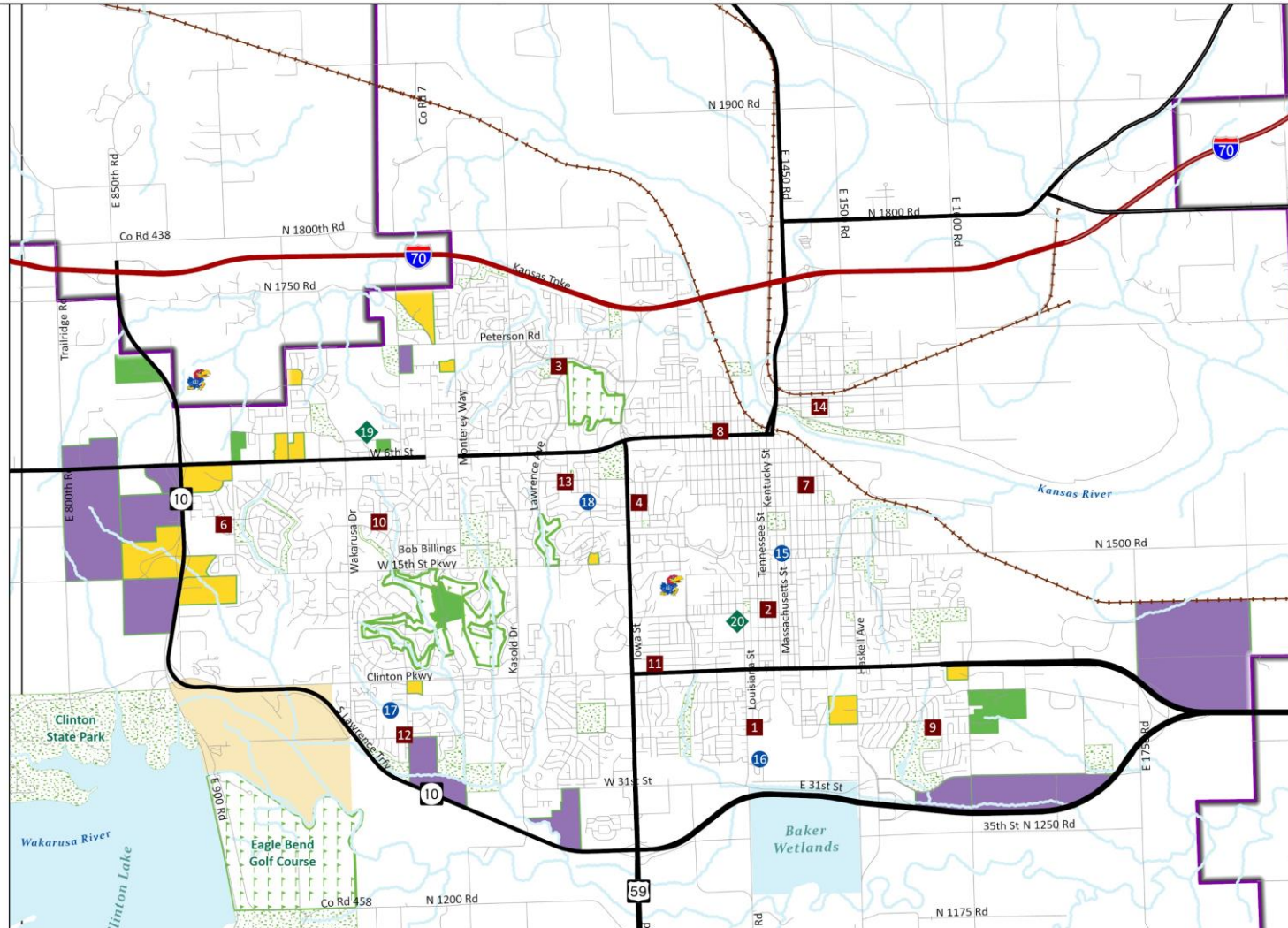
1. Broken Arrow
2. Cordley
3. Deerfield
4. Hillcrest
6. Langston Hughes
7. New York
8. Pinckney
9. Prairie Park
10. Quail Run
11. Schwegler
12. Sunflower
13. Sunset Hill
14. Woodlawn

### Middle Schools

15. Liberty Memorial Central
16. Billy Mills
17. Southwest
18. West

### High Schools

19. Free State
20. Lawrence

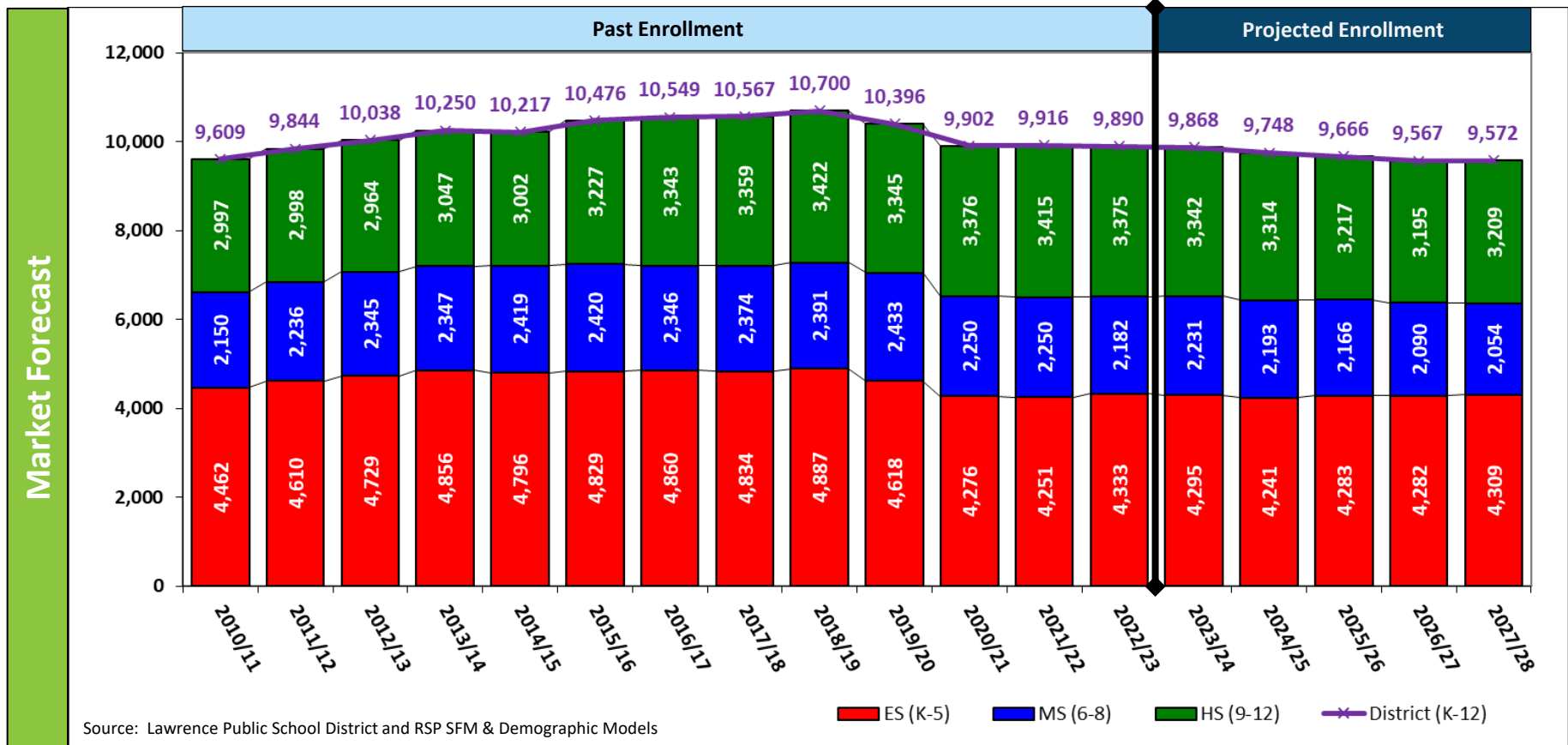


## Main Takeaway:

There are almost 1,800 potential units identified in this study for the next ten years. Majority of units are in 5 to 10-yr stages which is a limiting factor in immediate enrollment growth.



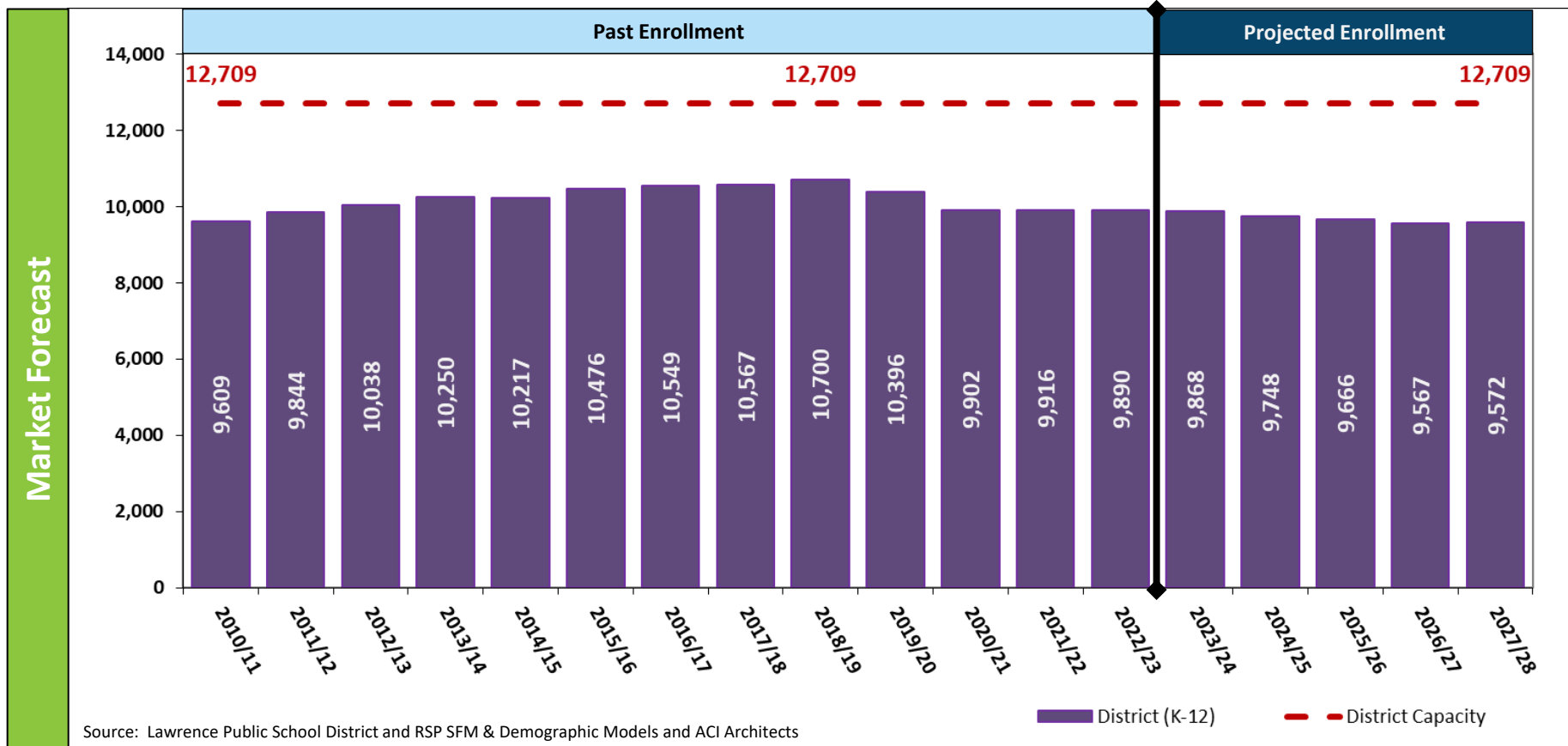
# Past, Current, & Future Enrollment



- Enrollment Change – Overall enrollment forecasted to decrease to be about 9,500 students by 2027/28
- District decreases by just over 300 students (-3.3%) (Annual Range: -1.2% to +0.1% a year)
- Elementary decreases by about 20 students (-0.5%) (Annual Range: -1.3% to +1.0% a year)
- Middle School decreases by about 130 students (-5.9%) (Annual Range: -3.5% to +2.2% a year)
- High School decreases by nearly 170 students (-5.0%) (Annual Range: -2.9% to +0.4% a year)



# District Enrollment and Capacity

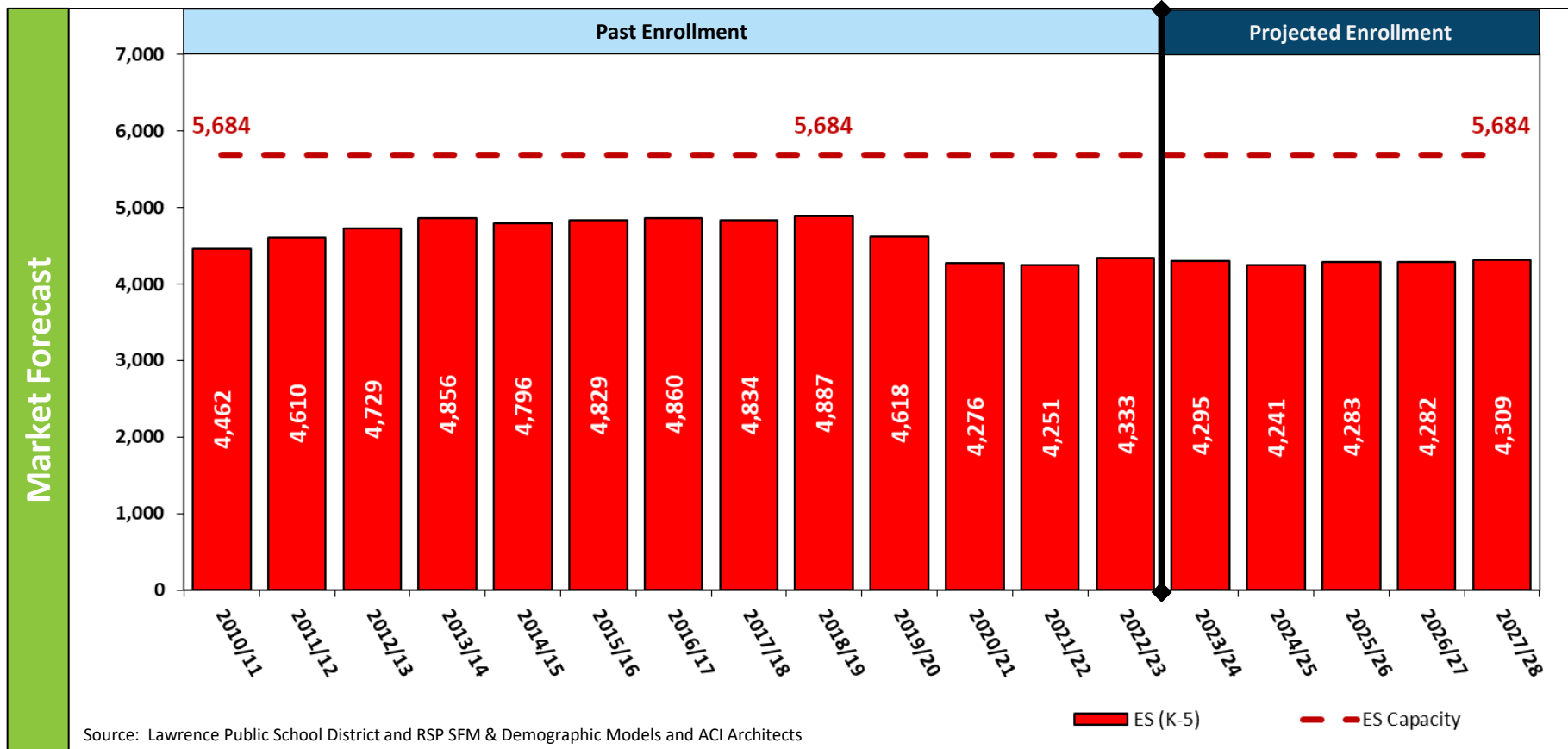


## Main Takeaway:

- District enrollment forecasted to decrease to be about 9,500 students by 2027/28
- Total district capacity is 12,709
- In 2022/23, there are 2,819 available seats in the district
- In 2027/28, there are projected to be 3,137 available seats in the district



# Elementary Enrollment and Capacity

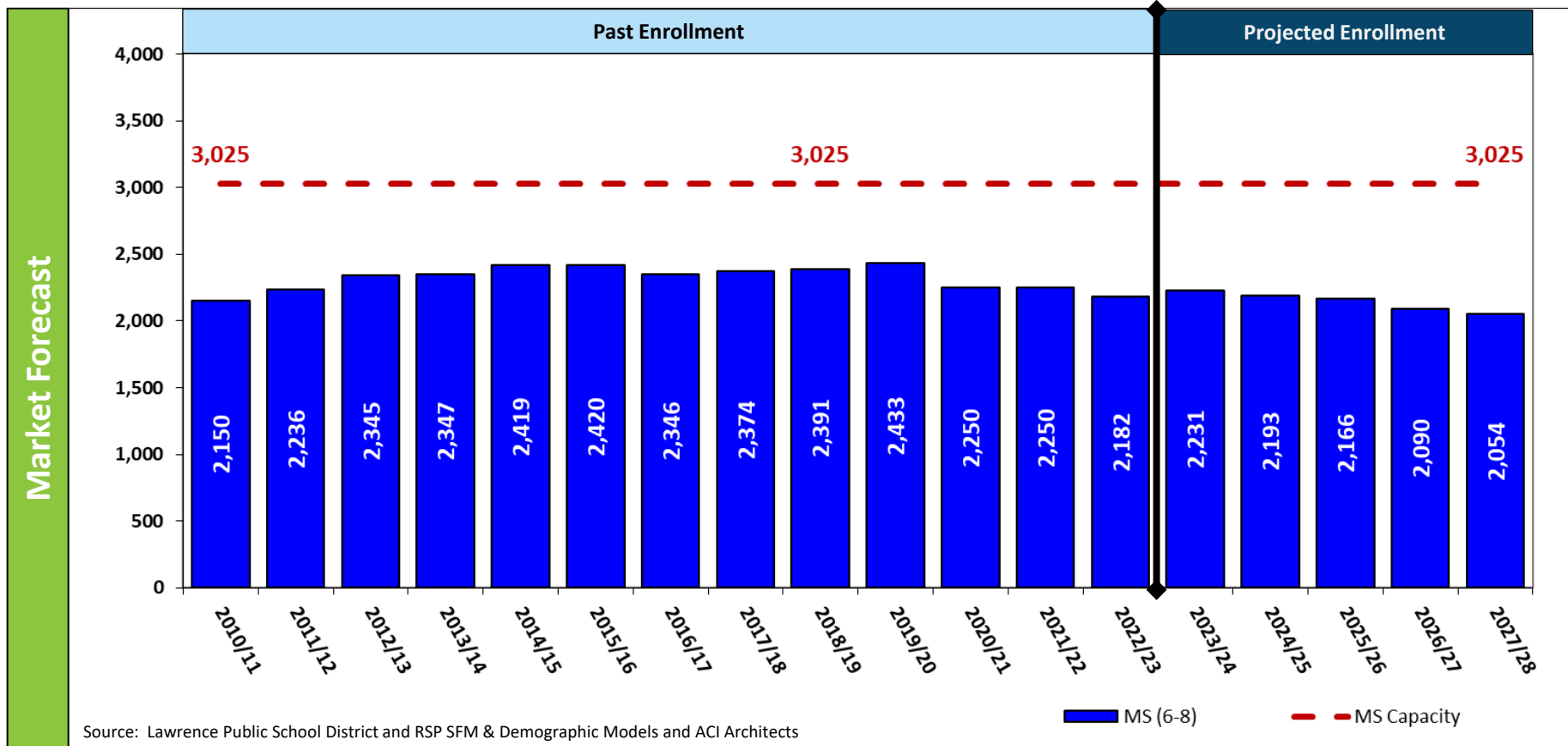


## Main Takeaway:

- Elementary enrollment forecasted to decrease to be about 4,300 students by 2027/28
- Total elementary capacity is 5,684
- There are 13 elementary schools in the district and the average building capacity is 437 seats
  - School capacities range from 292 (New York ES) to 592 (Langston Hughes)
- In 2022/23, there are 1,351 available seats in the district
- In 2027/28, there are projected to be 1,375 available seats in the district
- Current utilization is 76% and by 2027/28 remains about 76%



# Middle School Enrollment and Capacity

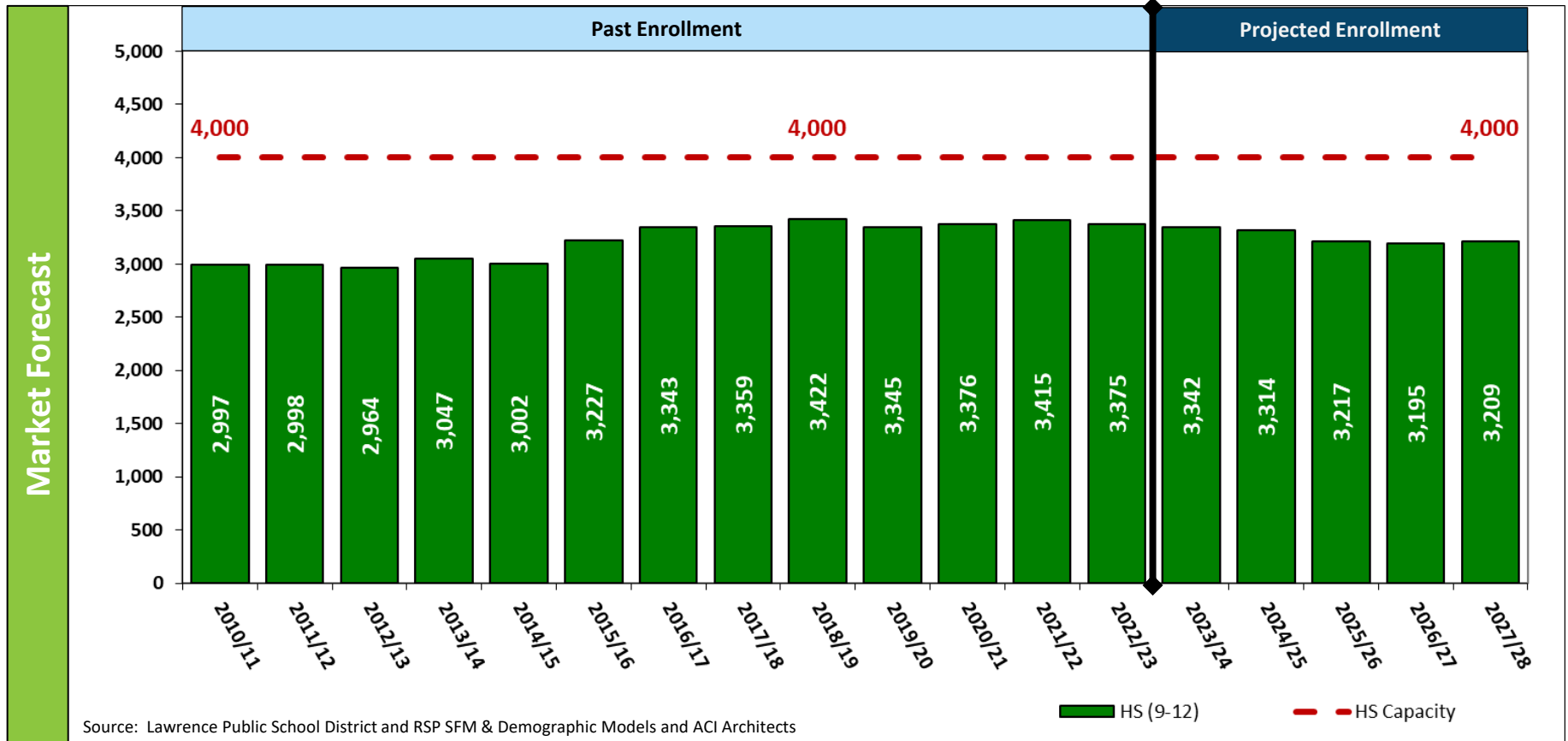


## Main Takeaway:

- Middle School enrollment forecasted to decrease to be about 2,000 students by 2027/28
- Total district capacity is 3,025
- There are 4 middle schools in the district and the average building capacity is 756 seats
  - School capacities range from 625 (Liberty Memorial) to 800 (the other three schools)
- In 2022/23, there are 843 available seats in the district
- In 2027/28, there are projected to be 917 available seats in the district
- Current utilization is 72% and by 2027/28 it decrease to about 68%



# High School Enrollment and Capacity



## Main Takeaway:

- High School enrollment forecasted to decrease to be about 3,200 students by 2027/28
- Total district capacity is 4,000
- There are 2 high schools in the district that serving 2,000 seats
- In 2022/23, there are 625 available seats in the district
- In 2027/28, there are projected to be 791 available seats in the district
- Current utilization is 85% and by 2027/28 it decrease to about 80%



# Elementary Projections and Capacity

Lawrence Public Schools Enrollment Projections By School (Based on Student Reside)

School	School Capacity	Student Location	Past School Enrollment				Projections				
			2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Broken Arrow K to 5th	338	Reside/Attend	263	240	250	251					
		Reside	302	266	291	287	282	283	290	284	289
		Attend	279	248	259	264	257	257	266	257	263
Cordley K to 5th	375	Reside/Attend	146	158	220	210					
		Reside	164	170	269	253	247	248	245	243	253
		Attend	216	204	278	274	266	266	259	259	265
Deerfield K to 5th	575	Reside/Attend	450	434	446	435					
		Reside	488	470	486	476	453	444	429	420	414
		Attend	481	458	465	453	428	424	407	399	397
Hillcrest K to 5th	438	Reside/Attend	172	148	151	166					
		Reside	185	166	164	185	194	194	194	200	201
		Attend	335	320	337	344	341	356	358	360	358
Kennedy K to 5th <i>Became Early Childhood in 2021/22</i>	0	Reside/Attend	168	169	0	0					
		Reside	237	224	0	0	0	0	0	0	0
		Attend	187	189	0	0	0	0	0	0	0
Langston Hughes K to 5th	592	Reside/Attend	467	426	418	453					
		Reside	500	455	443	483	483	473	495	487	513
		Attend	501	447	438	471	481	462	488	478	505
New York K to 5th	292	Reside/Attend	186	180	162	176					
		Reside	240	227	199	219	229	217	224	224	233
		Attend	209	199	185	199	201	198	210	207	215
ELEMENTARY TOTAL K to 5th	5,684	Reside/Attend	4,075	3,818	3,765	3,814					
		Reside	4,618	4,276	4,251	4,333	4,295	4,241	4,283	4,282	4,309
		Attend	4,618	4,276	4,251	4,333	4,295	4,241	4,283	4,282	4,309

Target Building Capacity: 85%  
Less than 75% creates potential staffing inefficiencies and program utilization

Source: RSP & Associates, LLC - November 2022

Over School Capacity  
< 75% School Capacity

Note 1: Student Projections are based on the residence of the student.

Note 2: The Enrollment Model is based on a Head count of students by Planning Area at each facility

Note 3: Transfers between Facilities are factored into the Projections

Note 4: The Enrollment Model assumes ES(K-5) MS(6-8) and HS (9-12)

Note 5: Each planning area is assigned the 2022/23 boundary

Note 6: PreKindergarten students not included in the projections

Note 7: School capacity provided by the ACI Boland Architects

Note 8: Reside is based on the student home address

Note 9: Attend is based on which facility the student attends

Note 10: Reside/Attend are the students who reside in the attendance area that they have chosen to attend

## Main Takeaway:

Schools under 75% building utilization in 2027/28:

- Cordley Elementary
- Deerfield Elementary
- Hillcrest Elementary
- New York Elementary



# Elementary Projections and Capacity

Lawrence Public Schools Enrollment Projections By School (Based on Student Reside)

School	School Capacity	Student Location	Past School Enrollment				Projections				
			2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Pinckney K to 5th	323	Reside/Attend	181	178	169	181					
		Reside	220	202	202	213	216	215	220	220	215
		Attend	200	197	194	209	215	211	213	213	210
Prairie Park K to 5th	475	Reside/Attend	346	279	356	344					
		Reside	374	308	432	422	415	410	416	432	440
		Attend	371	305	376	367	368	351	357	377	388
Quail Run K to 5th	500	Reside/Attend	444	389	374	358					
		Reside	500	442	423	405	397	394	403	415	411
		Attend	473	411	395	389	385	374	384	391	389
Schwegler K to 5th	507	Reside/Attend	321	297	275	286					
		Reside	368	338	317	348	349	351	341	346	345
		Attend	345	305	292	309	310	322	307	314	312
Sunflower K to 5th	523	Reside/Attend	401	404	427	438					
		Reside	432	425	444	460	463	451	460	451	444
		Attend	430	429	454	466	468	461	468	462	453
Sunset Hill K to 5th	446	Reside/Attend	342	329	331	333					
		Reside	399	385	382	383	381	375	377	375	376
		Attend	378	361	374	378	374	367	370	371	371
Woodlawn K to 5th	300	Reside/Attend	188	187	186	183					
		Reside	209	198	199	199	186	186	189	185	175
		Attend	213	203	204	210	201	192	196	194	183
ELEMENTARY TOTAL K to 5th	5,684	Reside/Attend	4,075	3,818	3,765	3,814					
		Reside	4,618	4,276	4,251	4,333	4,295	4,241	4,283	4,282	4,309
		Attend	4,618	4,276	4,251	4,333	4,295	4,241	4,283	4,282	4,309

Source: RSP & Associates, LLC - November 2022

Over School Capacity  
< 75% School Capacity

Target Building Capacity: 85%  
Less than 75% creates potential staffing inefficiencies and program utilization

Note 1: Student Projections are based on the residence of the student.

Note 2: The Enrollment Model is based on a Head count of students by Planning Area at each facility

Note 3: Transfers between Facilities are factored into the Projections

Note 4: The Enrollment Model assumes ES(K-5) MS(6-8) and HS (9-12)

Note 5: Each planning area is assigned the 2022/23 boundary

Note 6: PreKindergarten students not included in the projections

Note 7: School capacity provided by the ACI Boland Architects

Note 8: Reside is based on the student home address

Note 9: Attend is based on which facility the student attends

Note 10: Reside/Attend are the students who reside in the attendance area that they have chosen to attend

## Main Takeaway:

Schools under 75% building utilization in 2027/28:

- Pickney Elementary
- Schwegler Elementary
- Woodlawn Elementary



# Secondary Projections and Capacity

Lawrence Public Schools Enrollment Projections By School (Based on Student Reside)

School	School Capacity	Student Location	Past School Enrollment				Projections				
			2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Billy Mills 6th to 8th	800	Reside/Attend	535	480	507	480					
		Reside	569	509	537	519	490	488	501	493	475
		Attend	581	513	542	517	495	493	506	498	480
Liberty Memorial Central 6th to 8th	625	Reside/Attend	487	468	465	399					
		Reside	539	502	504	450	490	484	491	460	455
		Attend	509	484	484	421	462	456	467	434	432
Southwest 6th to 8th	800	Reside/Attend	603	591	584	580					
		Reside	633	619	615	597	605	592	548	543	535
		Attend	655	633	617	635	646	614	572	569	556
West 6th to 8th	800	Reside/Attend	648	587	570	582					
		Reside	692	620	594	616	646	629	626	594	589
		Attend	688	620	607	609	628	630	621	589	586
Free State High 9th to 12th	2,000	Reside/Attend	1,736	1,724	1,726	1,689					
		Reside	1,831	1,821	1,834	1,835	1,821	1,803	1,756	1,752	1,747
		Attend	1,819	1,800	1,830	1,789	1,788	1,785	1,728	1,729	1,718
Lawrence High 9th to 12th	2,000	Reside/Attend	1,431	1,479	1,477	1,440					
		Reside	1,514	1,555	1,581	1,540	1,521	1,511	1,461	1,443	1,462
		Attend	1,526	1,576	1,585	1,586	1,554	1,529	1,489	1,466	1,491
MIDDLE TOTAL 6th to 8th	3,025	Reside/Attend	2,273	2,126	2,126	2,041					
		Reside	2,433	2,250	2,250	2,182	2,231	2,193	2,166	2,090	2,054
		Attend	2,433	2,250	2,250	2,182	2,231	2,193	2,166	2,090	2,054
HIGH TOTAL 9th to 12th	4,000	Reside/Attend	3,167	3,203	3,203	3,129					
		Reside	3,345	3,376	3,415	3,375	3,342	3,314	3,217	3,195	3,209
		Attend	3,345	3,376	3,415	3,375	3,342	3,314	3,217	3,195	3,209

Source: RSP & Associates, LLC - November 2022

Over School Capacity  
< 75% School Capacity

Target Building Capacity: 85%  
Less than 75% creates potential staffing inefficiencies and program utilization

Note 1: Student Projections are based on the residence of the student.

Note 2: The Enrollment Model is based on a Head count of students by Planning Area at each facility

Note 3: Transfers between Facilities are factored into the Projections

Note 4: The Enrollment Model assumes ES(K-5) MS(6-8) and HS (9-12)

Note 5: Each planning area is assigned the 2022/23 boundary

Note 6: PreKindergarten students not included in the projections

Note 7: School capacity provided by the ACI Boland Architects

Note 8: Reside is based on the student home address

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Note 10: Reside/Attend are the students who reside in the attendance area that they have chosen to attend

## Main Takeaway:

Schools under 75% building utilization in 2027/28:

- Liberty Memorial Central Middle School
- Southwest Middle School
- West Middle School



# Secondary Projections and Capacity %

Lawrence Public Schools Enrollment Projections By School (Based on Student Reside)

School	School Capacity	Student Location	Past School Capacity %				Projections School Capacity %				
			2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Billy Mills 6th to 8th	800	Reside/Attend									
		Reside	71.1%	63.6%	67.1%	64.9%	61.3%	61.0%	62.6%	61.6%	59.4%
		Attend	72.6%	64.1%	67.8%	64.6%	61.9%	61.6%	63.3%	62.3%	60.0%
Liberty Memorial Central 6th to 8th	625	Reside/Attend									
		Reside	86.2%	80.3%	80.6%	72.0%	78.4%	77.4%	78.6%	73.6%	72.8%
		Attend	81.4%	77.4%	77.4%	67.4%	73.9%	73.0%	74.7%	69.4%	69.1%
Southwest 6th to 8th	800	Reside/Attend									
		Reside	79.1%	77.4%	76.9%	74.6%	75.6%	74.0%	68.5%	67.9%	66.9%
		Attend	81.9%	79.1%	77.1%	79.4%	80.8%	76.8%	71.5%	71.1%	69.5%
West 6th to 8th	800	Reside/Attend									
		Reside	86.5%	77.5%	74.3%	77.0%	80.8%	78.6%	78.3%	74.3%	73.6%
		Attend	86.0%	77.5%	75.9%	76.1%	78.5%	78.8%	77.6%	73.6%	73.3%
Free State High 9th to 12th	2,000	Reside/Attend									
		Reside	91.6%	91.1%	91.7%	91.8%	91.1%	90.2%	87.8%	87.6%	87.4%
		Attend	91.0%	90.0%	91.5%	89.5%	89.4%	89.3%	86.4%	86.5%	85.9%
Lawrence High 9th to 12th	2,000	Reside/Attend									
		Reside	75.7%	77.8%	79.1%	77.0%	76.1%	75.6%	73.1%	72.2%	73.1%
		Attend	76.3%	78.8%	79.3%	79.3%	77.7%	76.5%	74.5%	73.3%	74.6%
MIDDLE TOTAL 6th to 8th	3,025	Reside/Attend									
		Reside	80.4%	74.4%	74.4%	72.1%	73.8%	72.5%	71.6%	69.1%	67.9%
		Attend	80.4%	74.4%	74.4%	72.1%	73.8%	72.5%	71.6%	69.1%	67.9%
HIGH TOTAL 9th to 12th	4,000	Reside/Attend									
		Reside	83.6%	84.4%	85.4%	84.4%	83.6%	82.9%	80.4%	79.9%	80.2%
		Attend	83.6%	84.4%	85.4%	84.4%	83.6%	82.9%	80.4%	79.9%	80.2%

Target Building Capacity: 85%  
Less than 75% creates potential staffing inefficiencies and program utilization

Source: RSP & Associates, LLC - November 2022

Over School Capacity  
< 75% School Capacity

Note 1: Student Projections are based on the residence of the student.

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Note 4: The Enrollment Model assumes ES(K-5) MS(6-8) and HS (9-12)

Note 5: Each planning area is assigned the 2022/23 boundary

Note 6: PreKindergarten students not included in the projections

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## Main Takeaway:

Schools under 75% building utilization in 2027/28:

- Liberty Memorial Central Middle School
- Southwest Middle School
- West Middle School



# Elementary Projections and Capacity %

Lawrence Public Schools Enrollment Projections By School (Based on Student Reside)

School	School Capacity	Student Location	Past School Capacity %				Projections School Capacity %				
			2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Broken Arrow K to 5th	338	Reside/Attend									
		Reside	89.3%	78.7%	86.1%	84.9%	83.4%	83.7%	85.8%	84.0%	85.5%
		Attend	82.5%	73.4%	76.6%	78.1%	76.0%	76.0%	78.7%	76.0%	77.8%
Cordley K to 5th	375	Reside/Attend									
		Reside	43.7%	45.3%	71.7%	67.5%	65.9%	66.1%	65.3%	64.8%	67.5%
		Attend	57.6%	54.4%	74.1%	73.1%	70.9%	70.9%	69.1%	69.1%	70.7%
Deerfield K to 5th	575	Reside/Attend									
		Reside	84.9%	81.7%	84.5%	82.8%	78.8%	77.2%	74.6%	73.0%	72.0%
		Attend	83.7%	79.7%	80.9%	78.8%	74.4%	73.7%	70.8%	69.4%	69.0%
Hillcrest K to 5th	438	Reside/Attend									
		Reside	42.2%	37.9%	37.4%	42.2%	44.3%	44.3%	44.3%	45.7%	45.9%
		Attend	76.5%	73.1%	76.9%	78.5%	77.9%	81.3%	81.7%	82.2%	81.7%
Kennedy K to 5th	0	Reside/Attend									
Became Early Childhood in 2021/22											
Langston Hughes K to 5th	592	Reside/Attend									
		Reside	84.5%	76.9%	74.8%	81.6%	81.6%	79.9%	83.6%	82.3%	86.7%
		Attend	84.6%	75.5%	74.0%	79.6%	81.3%	78.0%	82.4%	80.7%	85.3%
New York K to 5th	292	Reside/Attend									
		Reside	82.2%	77.7%	68.2%	75.0%	78.4%	74.3%	76.7%	76.7%	79.8%
		Attend	71.6%	68.2%	63.4%	68.2%	68.8%	67.8%	71.9%	70.9%	73.6%
ELEMENTARY TOTAL K to 5th	5,684	Reside/Attend									
		Reside	81.2%	75.2%	74.8%	76.2%	75.6%	74.6%	75.4%	75.3%	75.8%
		Attend	81.2%	75.2%	74.8%	76.2%	75.6%	74.6%	75.4%	75.3%	75.8%

Source: RSP & Associates, LLC - November 2022

Target Building Capacity: 85%  
Less than 75% creates potential staffing inefficiencies and program utilization

Note 1: Student Projections are based on the residence of the student.

Note 2: The Enrollment Model is based on a Head count of students by Planning Area at each facility

Note 3: Transfers between Facilities are factored into the Projections

Note 4: The Enrollment Model assumes ES(K-5) MS(6-8) and HS (9-12)

Note 5: Each planning area is assigned the 2022/23 boundary

Note 6: PreKindergarten students not included in the projections

Note 7: School capacity provided by the ACI Boland Architects

Note 8: Reside is based on the student home address

Note 9: Attend is based on which facility the student attends

Note 10: Reside/Attend are the students who reside in the attendance area that they have chosen to attend

## Main Takeaway:

Schools under 75% building utilization in 2027/28:

- Cordley Elementary
- Deerfield Elementary
- Hillcrest Elementary
- New York Elementary



# Elementary Projections and Capacity %

Lawrence Public Schools Enrollment Projections By School (Based on Student Reside)

School	School Capacity	Student Location	Past School Capacity %				Projections School Capacity %				
			2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Pinckney K to 5th	323	Reside/Attend									
		Reside	68.1%	62.5%	62.5%	65.9%	66.9%	66.6%	68.1%	68.1%	66.6%
		Attend	61.9%	61.0%	60.1%	64.7%	66.6%	65.3%	65.9%	65.9%	65.0%
Prairie Park K to 5th	475	Reside/Attend									
		Reside	78.7%	64.8%	90.9%	88.8%	87.4%	86.3%	87.6%	90.9%	92.6%
		Attend	78.1%	64.2%	79.2%	77.3%	77.5%	73.9%	75.2%	79.4%	81.7%
Quail Run K to 5th	500	Reside/Attend									
		Reside	100.0%	88.4%	84.6%	81.0%	79.4%	78.8%	80.6%	83.0%	82.2%
		Attend	94.6%	82.2%	79.0%	77.8%	77.0%	74.8%	76.8%	78.2%	77.8%
Schwegler K to 5th	507	Reside/Attend									
		Reside	72.6%	66.7%	62.5%	68.6%	68.8%	69.2%	67.3%	68.2%	68.0%
		Attend	68.0%	60.2%	57.6%	60.9%	61.1%	63.5%	60.6%	61.9%	61.5%
Sunflower K to 5th	523	Reside/Attend									
		Reside	82.6%	81.3%	84.9%	88.0%	88.5%	86.2%	88.0%	86.2%	84.9%
		Attend	82.2%	82.0%	86.8%	89.1%	89.5%	88.1%	89.5%	88.3%	86.6%
Sunset Hill K to 5th	446	Reside/Attend									
		Reside	89.5%	86.3%	85.7%	85.9%	85.4%	84.1%	84.5%	84.1%	84.3%
		Attend	84.8%	80.9%	83.9%	84.8%	83.9%	82.3%	83.0%	83.2%	83.2%
Woodlawn K to 5th	300	Reside/Attend									
		Reside	69.7%	66.0%	66.3%	66.3%	62.0%	62.0%	63.0%	61.7%	58.3%
		Attend	71.0%	67.7%	68.0%	70.0%	67.0%	64.0%	65.3%	64.7%	61.0%
ELEMENTARY TOTAL K to 5th	5,684	Reside/Attend									
		Reside	81.2%	75.2%	74.8%	76.2%	75.6%	74.6%	75.4%	75.3%	75.8%
		Attend	81.2%	75.2%	74.8%	76.2%	75.6%	74.6%	75.4%	75.3%	75.8%

Source: RSP & Associates, LLC - November 2022

Over School Capacity  
< 75% School Capacity

Target Building Capacity: 85%  
Less than 75% creates potential staffing inefficiencies and program utilization

Note 1: Student Projections are based on the residence of the student.

Note 2: The Enrollment Model is based on a Head count of students by Planning Area at each facility

Note 3: Transfers between Facilities are factored into the Projections

Note 4: The Enrollment Model assumes ES(K-5) MS(6-8) and HS (9-12)

Note 5: Each planning area is assigned the 2022/23 boundary

Note 6: PreKindergarten students not included in the projections

Note 7: School capacity provided by the ACI Boland Architects

Note 8: Reside is based on the student home address

Note 9: Attend is based on which facility the student attends

Note 10: Reside/Attend are the students who reside in the attendance area that they have chosen to attend

## Main Takeaway:

Schools under 75% building utilization in 2027/28:

- Cordley Elementary
- Deerfield Elementary
- Hillcrest Elementary
- New York Elementary



# Enrollment Analysis Conclusion

## Projection Overview:

District: Forecasted decrease of 300 students

- *Total 9,572 students in five years*

Elementary: Forecasted decrease of 20 students

- *Total 4,309 students in five years*

Middle School: Forecasted decrease of 130 students

- *Total 2,054 students in five years*

High School: Forecasted decrease of 170 students

- *Total 3,209 students in five years*

## Driving Themes of Enrollment Forecast

2022/23 Student population

- *Smaller classes in current middle school grades*
- *Larger senior classes than kindergarten classes*
- *Lack of pandemic recovery from enrollment drops in 2019/20 to 2020/21*

Development Activity

- *Decreasing student yield rates for single-family units*
- *2020 to 2022 building trends – slowing of unit development*
- *Potential residential development outlook is 5-10 years out*
- *Regional growth from Panasonic Industries is 5 years out*

Live Birth and Migration Trends

- *Decreasing Douglas County live births corresponding with decreasing kindergarten classes*
- *Negative student migration for the past two years*
- *3-year trend of grade cohort loss year to year*



# *Facility Condition Assessments*

*ACI Boland*



IT'S ABOUT THE JOURNEY



# Composite Score Construction

## ► COMPOSITE SCORE CONSTRUCTION

AS WEIGHTED BY THE FUTURES PLANNING COMMUNITY

### Condition

16% weight

Constructed using the field study results, using a cost/sf and building size to determine the facility condition index (need). Incorporates input from architectural and engineering teams.

### Count

39% weight

Constructed by counting the primary teaching spaces throughout the District. Relies on building mapping provided by District

### Size

32% weight

Constructed by measuring and averaging the size of the primary teaching spaces throughout the District. Relies on building blueprints provided by the District .

### Access

3% weight

Constructed using a high-level survey of ADA access issues using the condition study photos and notes. Focused on compliance with ADA guidelines, not universal accessibility. Focused on circulation, openings, vertical paths, site/entry, exiting, restrooms, and primary spaces

### Special Program Spaces

10% weight

The District has confirmed that the previous two rounds of bond improvements adjusted the District's space types throughout their facilities. All specialized program spaces (science labs, workshops, etc.) were accomplished and are in line with the curricula requirements currently.



## ► CLASSROOM COUNTING RUBRIC

<u>Score</u>	<u>Characteristics</u>
10	A full 4-section, K-5 school space count
9 or 8	Less than a full section short
7 or 6	A section short (6 classrooms)
5 or 4	A section and half short or more
3 or 2	Two sections short (12 classrooms)
1	Two and a half (15 classrooms) or more sections short

Classroom count goal:

4 sections x 6 grades + 2 SPED

26 classrooms total



## ► CLASSROOM SIZING RUBRIC

<u>Score</u>	<u>Characteristics</u>
10	All classroom and auxiliary teaching space sizes at least 85%
9 or 8	One or two auxiliary averages are less than 85%
7 or 6	More than two auxiliary averages < 85% <b>-OR-</b> Classrooms < 85%
5 or 4	More than three auxiliary + classroom averages < 85%
3 or 2	More than four auxiliary + classroom averages < 85%
1	Worse (not found in Lawrence)



## ► BUILDING **ACCESS** RUBRIC

<b><u>Item Reviewed</u></b>	<b><u>Overall weighting</u></b>
Main Circulation	5%
Interior Openings	10%
Vertical Pathways	15%
Site/Entry/Parking Paths	20%
Building Exits	10%
Restrooms	20%
Primary Spaces	10%
Wildcard Items	10%



## ► CAMPUS SIZE RUBRIC

(ADDITIONAL CRITERIA NOT INCLUDED IN COMPOSITE)

<u>Score</u>	<u>Characteristics</u>
10	85% or more of the calculated size
7	70% - 85% of the calculated size
4	55% - 70% of the calculated size
1	Less than 55% of the calculated size

ACI Boland's recommended formula for ES sites uses a 5-acre minimum and adds one acre per 100 students of capacity in the building to calculate a size recommendation.

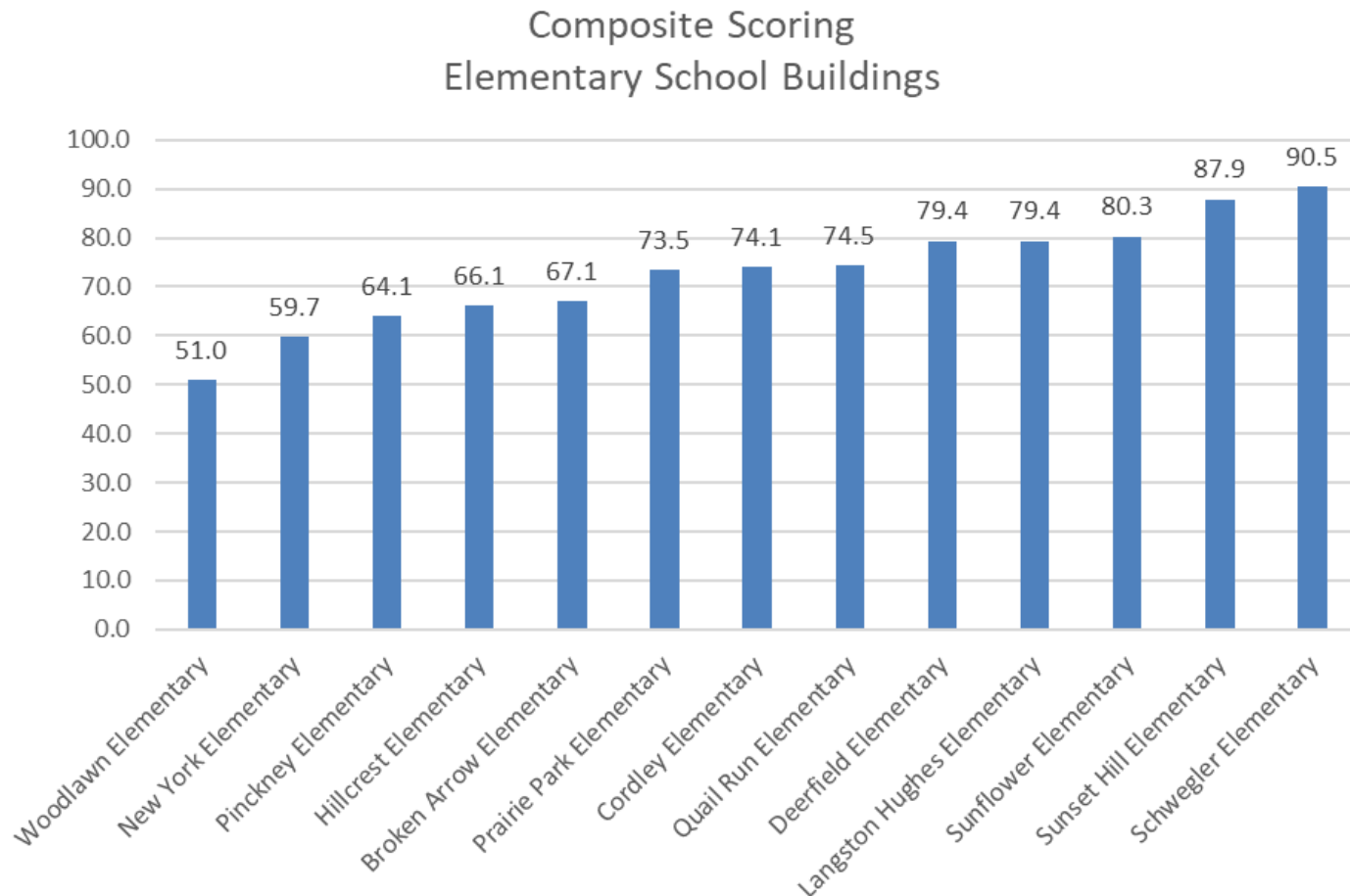
True suburban districts often use 10 acres as a base value

**\*\* Add (2) points to any score if sited with adjacent property (MS/HS)**



## ► COMPOSITE SCORE RECOMMENDATION

AS WEIGHTED BY THE FUTURES PLANNING COMMUNITY





# Composite Score Table

## ► COMPOSITE SCORE RECOMMENDATION

AS WEIGHTED BY THE FUTURES PLANNING COMMUNITY

	Overall Composite	16% Condition	39% Count	32% Size	3% Access	10% SPS	Campus
Woodlawn Elementary	51.0	75.6	30.0	50.0	40.0	100.0	40.0
New York Elementary	59.7	88.7	20.0	80.0	70.0	100.0	10.0
Pinckney Elementary	64.1	90.0	30.0	80.0	80.0	100.0	30.0
Hillcrest Elementary	66.1	89.8	50.0	60.0	100.0	100.0	40.0
Broken Arrow Elementary	67.1	82.5	40.0	80.0	90.0	100.0	30.0
Prairie Park Elementary	73.5	78.1	50.0	90.0	90.0	100.0	100.0
Cordley Elementary	74.1	87.7	50.0	90.0	60.0	100.0	10.0
Quail Run Elementary	74.5	79.8	60.0	80.0	90.0	100.0	100.0
Deerfield Elementary	79.4	77.3	90.0	60.0	90.0	100.0	100.0
Langston Hughes Elementary	79.4	77.5	90.0	60.0	90.0	100.0	100.0
Sunflower Elementary	80.3	83.0	90.0	60.0	90.0	100.0	100.0
Sunset Hill Elementary	87.9	90.6	90.0	80.0	90.0	100.0	70.0
Schwegler Elementary	90.5	87.1	90.0	90.0	90.0	100.0	70.0

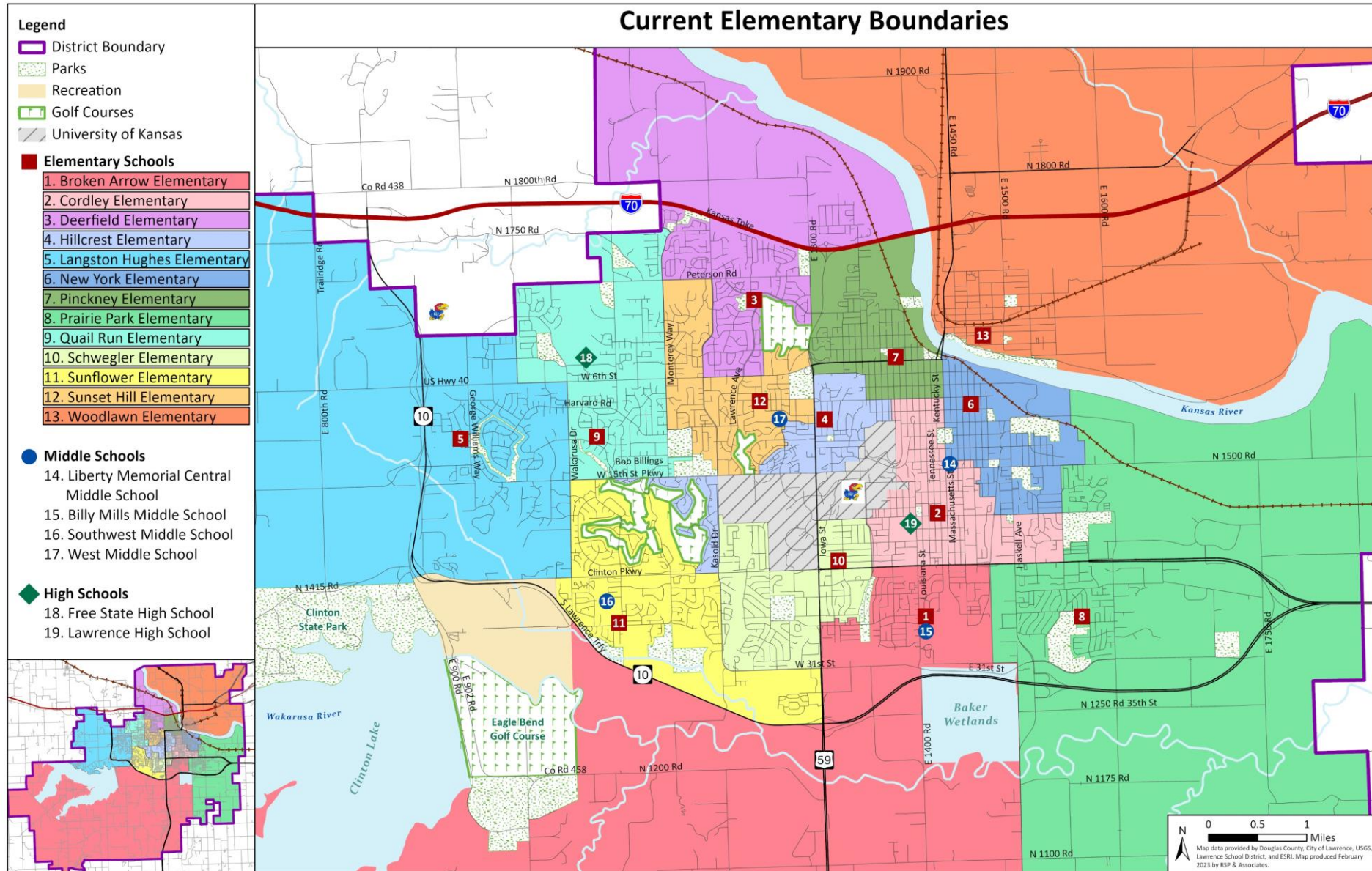
Legend: xxx Scoring less than 60/100  
xxx Scoring between 60 and 70



# *Preliminary Boundary Conversations*

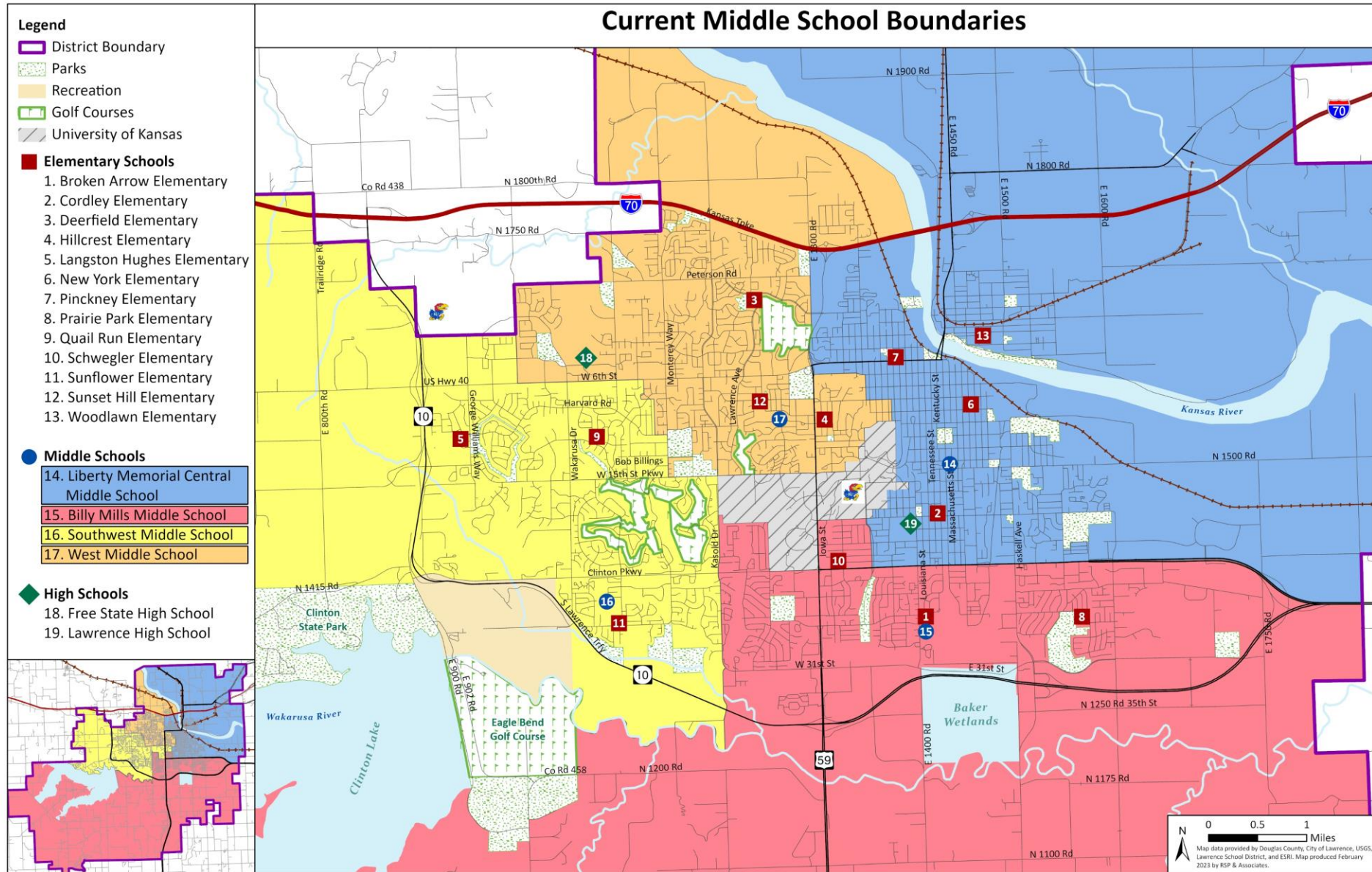


# Elementary School Boundaries





# Middle School Boundaries





# High School Boundaries

## Legend

-  District Boundary
-  Parks
-  Recreation
-  Golf Courses
-  University of Kansas

## Elementary Schools

1. Broken Arrow Elementary
2. Cordley Elementary
3. Deerfield Elementary
4. Hillcrest Elementary
5. Langston Hughes Elementary
6. New York Elementary
7. Pinckney Elementary
8. Prairie Park Elementary
9. Quail Run Elementary
10. Schwegler Elementary
11. Sunflower Elementary
12. Sunset Hill Elementary
13. Woodlawn Elementary

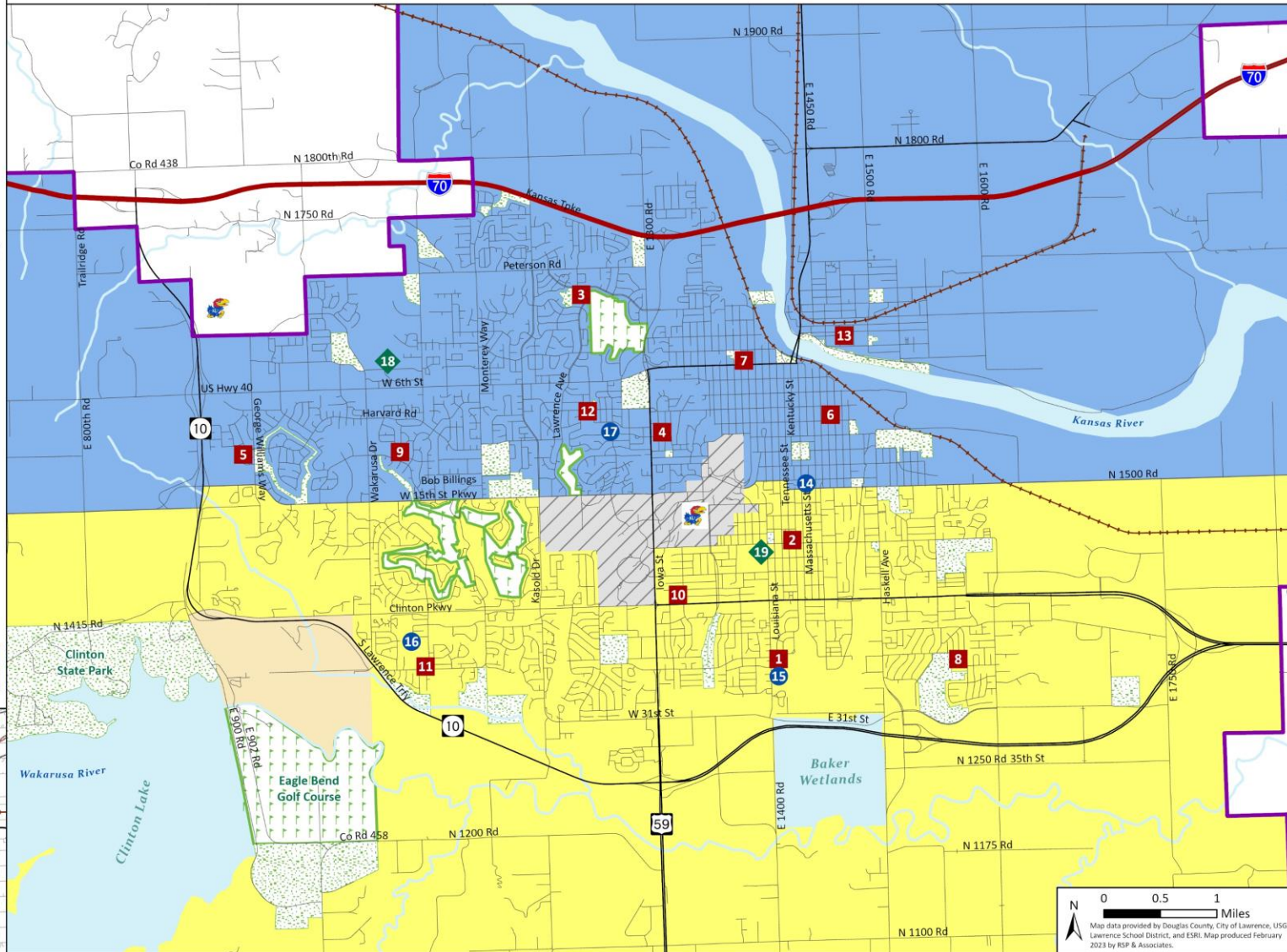
## Middle Schools

14. Liberty Memorial Central Middle School
15. Billy Mills Middle School
16. Southwest Middle School
17. West Middle School

## High Schools

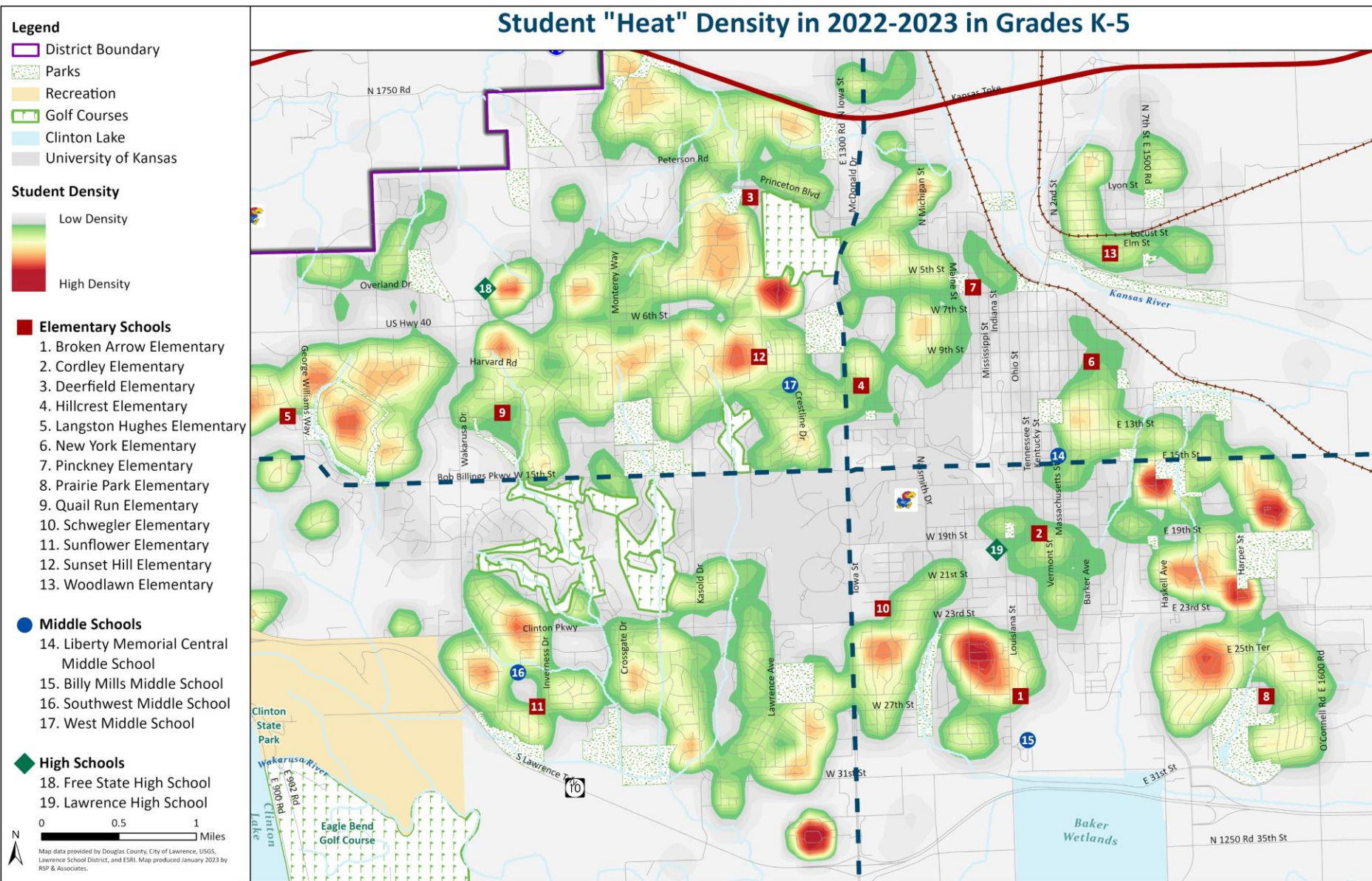
18. Free State High School
19. Lawrence High School

## Current High School Boundaries



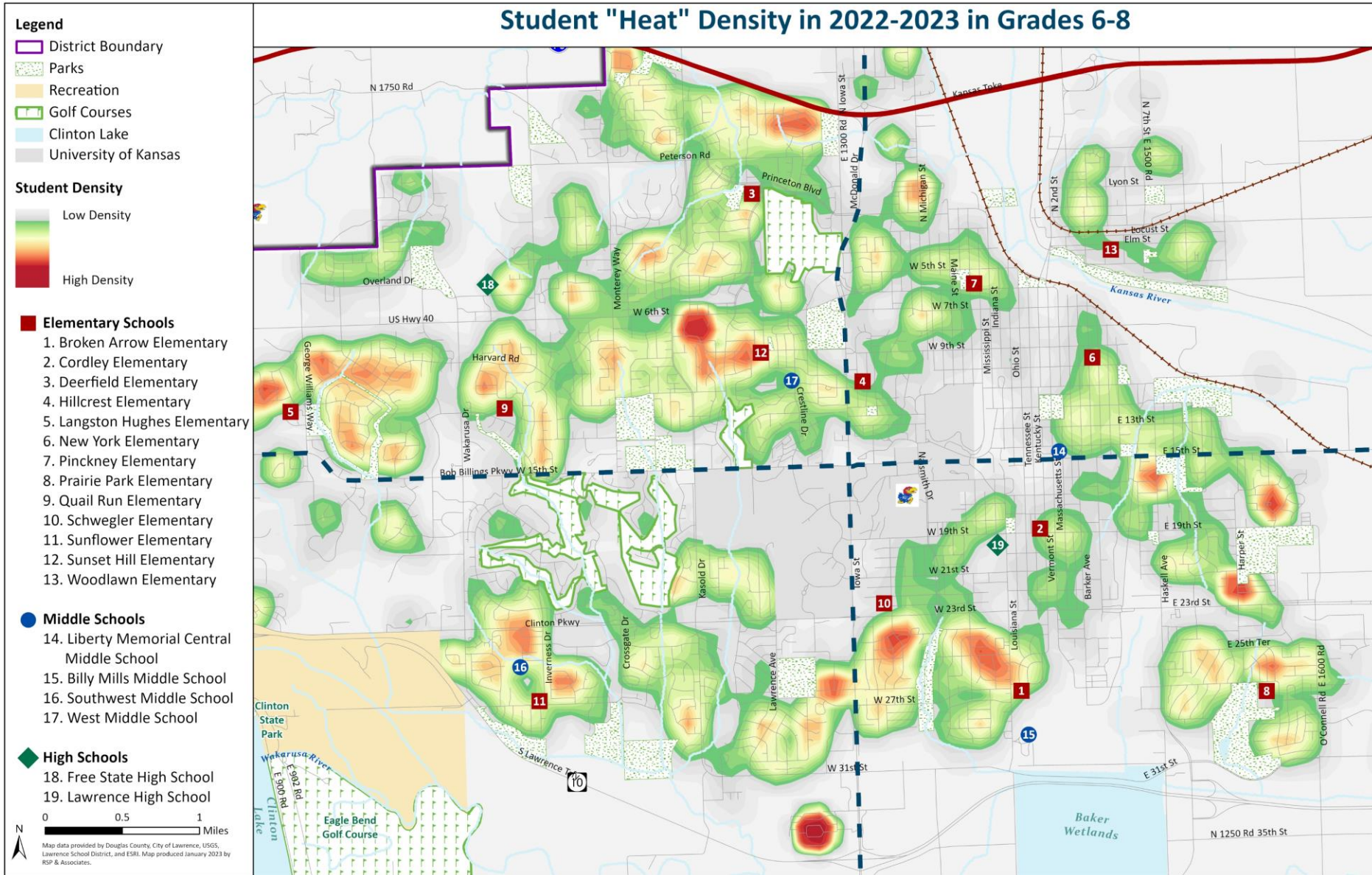


# Elementary Student Heat Map



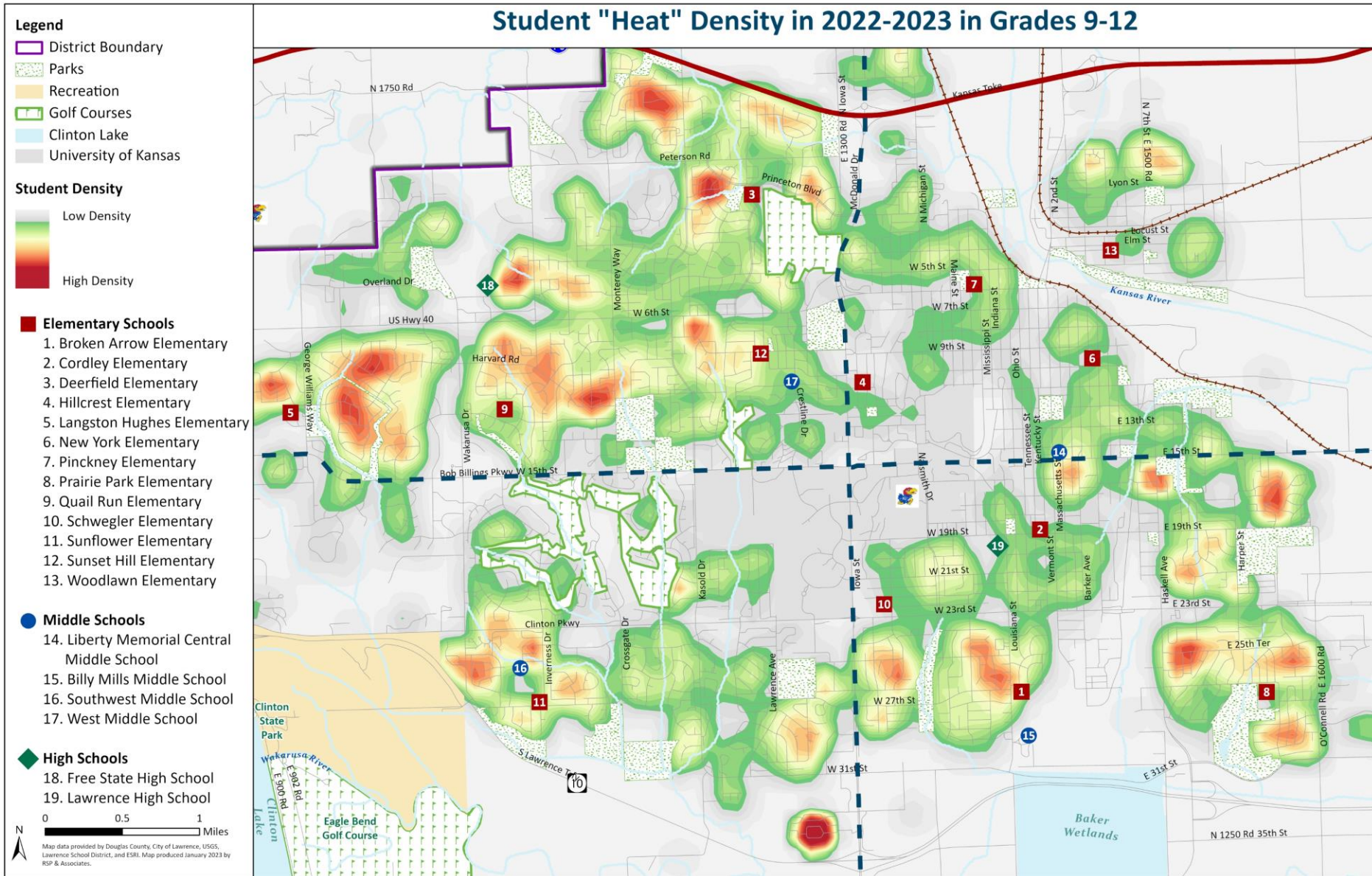


# Middle School Student Heat Map





# High School Student Heat Map





# Boundary Committee Work

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At your tables discuss:

- ☐ What information do you need to consider building closures?
- ☐ What are key consideration to future boundary work?
- ☐ What information should administration be analyzing?

Administration will utilize your feedback tonight and will return at a future meeting with answers to of the questions and considerations.

## Deep Thoughts to Consider:

- Building utilization
- Class size
- Impact on students (ELL, FRL, title)
- Scope of impact; how many students?
- Sections per grade
- Transportation/Walkability
- ES to MS to HS feeders system
- **What is the overall goal?**