Planning for the Future

Spring Hill School District

Enrollment Analysis

January 2024

SPRING HILL SCHOOLS
USD 230
LEARN · CREATE · ADAPT · SUCCEED

RSP & Associates

RSP Quick Facts:

Founded in 2003
Professional educational planning firm
Expertise in multiple disciplines (GIS, Planning, Facilitation)
Over 20 years of planning experience
Over 80 years of education experience
Over 20 years of GIS experience
Projection accuracy of 97% or greater

RSP Clients:

RSP was started with the desire and commitment to assist school districts in long-range planning.
RSP has served over **130** clients in:

Arkansas	Minnesota	South Dakota
Colorado	Missouri	Tennessee
Iowa	Nebraska	Wisconsin
Illinois	North Dakota	
Kansas	Oklahoma	

RSP Planning Team:

Robert Schwarz, CEO
Military, County, City, and School District Planner
University of Kansas – Master of Urban Planning (MUP)
American Institute of Certified Planners (AICP)
Accredited Learning Environment Planner (ALEP)

Ginna Wallace, Planner
University of Kansas – Master of Urban Planning (MUP)
American Institute of Certified Planners (AICP)

RSP Recent Projects:

Gardner-Edgerton School District
- Enrollment Analysis, 2022/23

Shawnee Mission School District
- Enrollment Analysis, 2022/23
- Boundary Analysis, 2022/23

Platte County R-3 School District
- Enrollment Analysis, 2022/23
- Boundary Analysis, 2021/22

Our Partners:

esri Partner Network Silver
Poll Everywhere
GEOMARVEL
MetroQuest

Expectations

Thank you to Spring Hill School District, Johnson & Miami County, Cities of Spring Hill, Overland Park and Olathe, Census Bureau/Esri for making this happen!

Helpful Hints to Read the Report:

☐ Slides that have the flagged star symbol are SIGNATURE SLIDES and are the most important variables in this unique analysis

☐ Each variable is analyzed as an indicator of future student population. Use the PLUS (student growth) and MINUS (student loss) icons to note how each indicator contributes to the analysis:

☐ Click the APPENDIX symbol on a page to reference additional analysis on this topic

Timeline	Findings	Study	Change	Facts:
Project timeline is a result of ensuring student data could represent as close as possible to the Official County Data with attributes that would allow RSP to forecast enrollment at a parcel level geography.	The findings were not focused on supporting or contradicting any past internal or outsourced studies. This analysis is based on data, data, and more data.	This study factored in many different data sets to provide data driven analysis that is the foundation to the RSP Statistical Forecast Model (SFM).	Enrollment change in the community is influenced by, but not limited to, the birth rate, demographics, types of development and/or housing affordability.	The study does not provide specific information about which site would be best suited for a new facility or for that matter should the district build any new facility – this analysis is one portion of how to make that decision. This analysis is based on the same grade configuration and educational programming expectations the patrons have for each student. Projecting enrollment is not a science – like life in general some assumptions happen that may lead to greater enrollment while others toward a smaller enrollment

The goal of this study is to help the board, administration, and public understand how to make the best decision for the students at the classroom level.
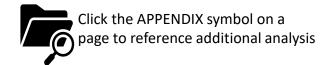
Discussion Points

HELPFUL HINTS TO READ THE REPORT:

⭐ Slides that have the flagged star symbol are SIGNATURE SLIDES

➕ PLUS: indicator of student growth

➖ MINUS: indicator of student loss

📁 Click the APPENDIX symbol on a page to reference additional analysis

PART 1
ENROLLMENT & DEMOGRAPHICS

- Student Analysis Maps & Data
- Sophisticated Forecast Model
- Demographics
- Past Enrollment & Change

PART 2
DEVELOPMENT

- Population, Development, & Enrollment Trends
- Yield Rate
- Housing Market Maps & Data
- Potential Growth Analysis

PART 3
PROJECTIONS

- Past, Current, & Future Enrollment
- Building Projections
- Grade Level Projections

PART 4
NEXT STEPS

- Moving Forward
- Challenges & Solutions
- Next Steps & Key Considerations

APPENDIX

- Community Demographics
- Intra-transfer Tables
- Student Density Maps

Past Enrollment and Demographics

Things to Consider

Student Analysis Maps & Data

Sophisticated Forecast Model

Demographics

Past Enrollment & Change

100,000 Foot Perspective

10-Year Outlook of Enrollment

District wide enrollment forecasted to increase by about 1,650 students and enroll over 5,500 students in the next ten years

❑ **Elementary forecasted to increase by about 760 students and enroll over 2,700 total ES students in the next ten years**

❑ **Middle School forecasted to increase by over 390 students and enroll under 1,300 total MS students in the next ten years**

❑ **High School forecasted to increase by about 490 students and enroll over 1,500 total HS students in the next ten years**

Capacity Challenges

Capacity and utilization was analyzed in reference to the projection enrollment by building
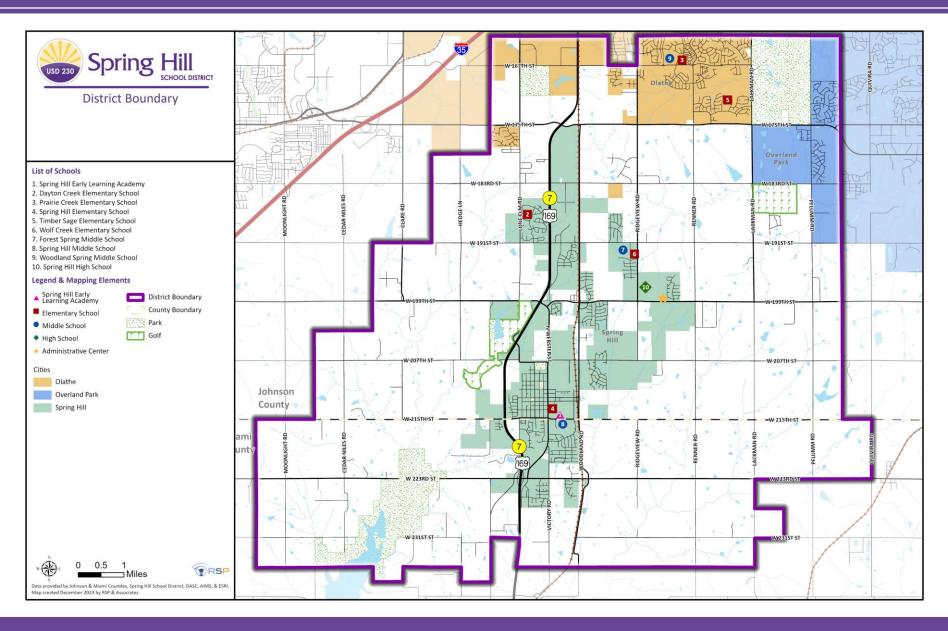
❑ At the Middle School level, district has adequate building capacity to accommodate student growth the next five years

❑ Capacity challenges may be experienced starting in 2027/28 at Spring Hill High School

❑ Under the current boundaries, capacity challenge may be experienced in 2025/26 at Timber Sage Elementary, in 2028/29 Prairie Creek Elementary, and in 2028/29 Spring Hill Elementary

Development
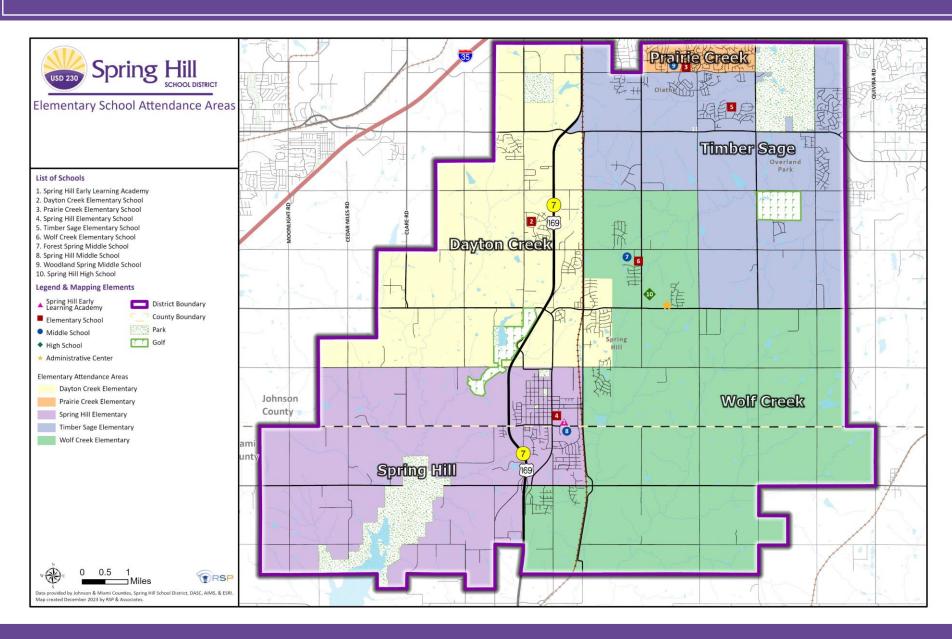
Development activity is the main driver of enrollment growth in the community

❑ Residential inventory almost tripled after 2010 creating an influx of students

❑ 423 single-family and 92 multi-family units were built in 2023

❑ Over 11,700 total potential units could be added to the district in the next ten years
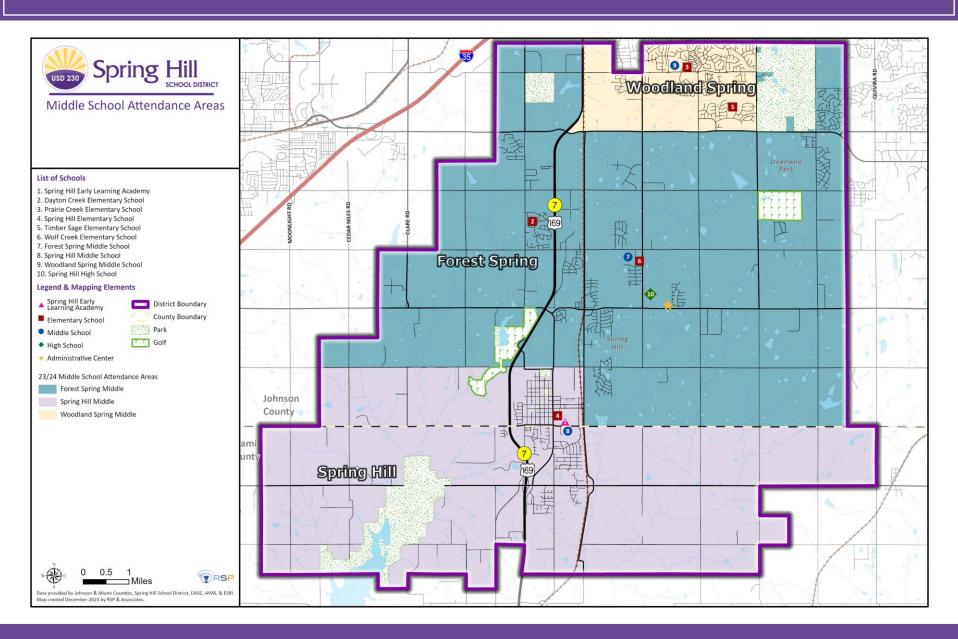
District Boundary
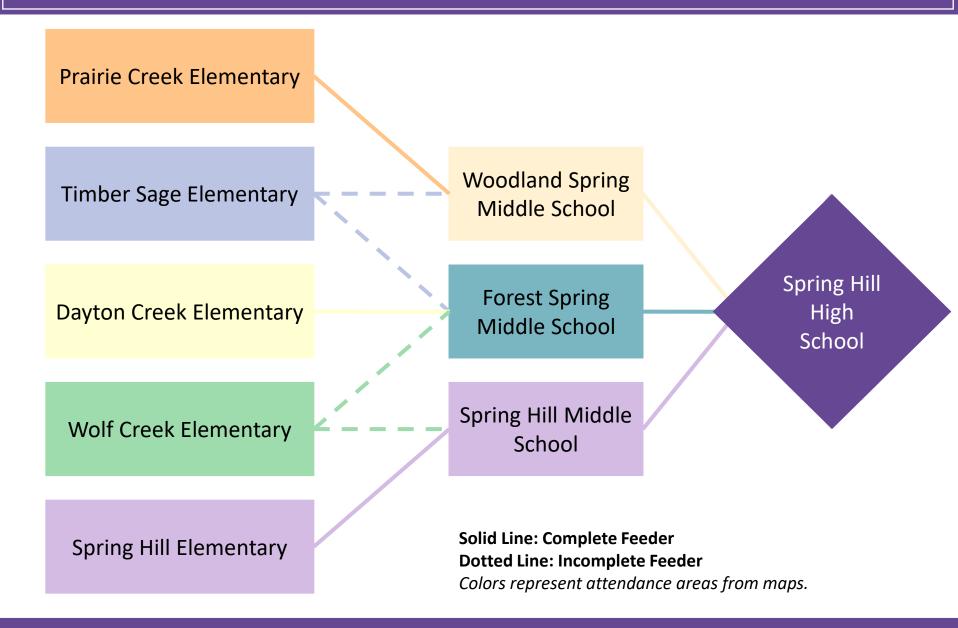
Elementary School Boundary

Spring Hill
USD 230
SCHOOL DISTRICT

Elementary School Attendance Areas

List of Schools

1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

▲ Spring Hill Early Learning Academy
■ Elementary School
● Middle School
◆ High School
★ Administrative Center

▢ District Boundary
▢ County Boundary
▢ Park
▢ Golf

Elementary Attendance Areas

▢ Dayton Creek Elementary
▢ Prairie Creek Elementary
▢ Spring Hill Elementary
▢ Timber Sage Elementary
▢ Wolf Creek Elementary

0   0.5   1 Miles

RSP

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

Elementary to Middle School Feeder Diagram

Prairie Creek Elementary

Timber Sage Elementary

Dayton Creek Elementary

Wolf Creek Elementary

Spring Hill Elementary

Woodland Spring Middle School

Forest Spring Middle School

Spring Hill Middle School

Spring Hill High School

Solid Line: Complete Feeder
Dotted Line: Incomplete Feeder
Colors represent attendance areas from maps.

RSP Planning Areas Map

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

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

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
- $R_{c, x}$ = 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

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)

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.

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

➕ Indicator of Student Growth

➖ Indicator of Student Loss

Understanding the Model

RSP Recommended to continually monitor the following indicators:

Enrollment may decrease more than forecasted if…	Enrollment may increase more than forecasted if…
⊖ Decreasing share of live births	⊕ Increasing share of live births
⊖ Current housing stock does not re-green (continues to age)	⊕ Current housing stock re-greens (turns over)
⊖ Housing development experiences minimal potential growth	⊕ Housing development experience more potential growth
⊖ Economic indicators challenge the ability for new homeowners and affordability aspects of the district	⊕ Economic indicators improve the ability for new homeowners and the affordability aspects of the district
⊖ Demographic shifts in community and/or surrounding communities	⊕ Demographic shifts in community and/or surrounding communities
⊖ Incoming Kindergarten class smaller than outgoing senior class	⊕ Incoming Kindergarten class larger than outgoing senior class
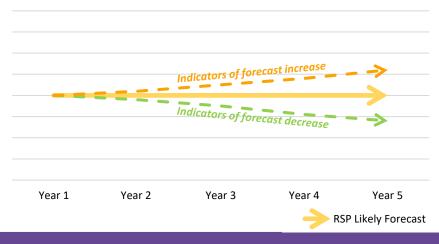
See graphic below to illustrate how the different variables may impact forecasted enrollment outlook:

Main Takeaway:

o These factors are not all positive or negative. Each have a different impact on future outlooks.

o State education policy change may impact enrollment outlook. This analysis assumes policies will continue as they currently operate throughout the projection time frame.

o It is important to continue to monitor these factors – RSP modeling attempts to find the most likely outcome:

The goal of this study is to help the board, administration, and public understand how to make the best decision for the students at the classroom level.

Example of Forecast Evolution

Indicators of forecast increase

Indicators of forecast decrease

Year 1   Year 2   Year 3   Year 4   Year 5

→ RSP Likely Forecast

Johnson County Birth Rate Information

Johnson County Kansas Live Births and Spring Hill Kindergarten 5-Years Later

Calendar Year	# Live Births	Birth Change	% Birth Change	School Year	# Kdg	%Kdg of Live Births
2010	7,390	-175	-2.3%	2015/16	179	2.4%
2011	7,355	-35	-0.5%	2016/17	165	2.2%
2012	7,437	82	1.1%	2017/18	183	2.5%
2013	7,320	-117	-1.6%	2018/19	210	2.9%
2014	7,394	74	1.0%	2019/20	228	3.1%
2015	7,528	134	1.8%	2020/21	213	2.8%
2016	7,350	-178	-2.4%	2021/22	218	3.0%
2017	7,207	-143	-1.9%	2022/23	224	3.1%
2018	7,133	-74	-1.0%	2023/24	249	3.5%
2019	6,949	-184	-2.6%	2024/25	171	243
2020	6,821	-128	-1.8%	2025/26	168	238
2021	7,014	193	2.8%	2026/27	173	245
2022	6,910	-104	-1.5%	2027/28	170	241
3-Year Average	6,915.0	-13.00				
3-Year Weighted Average	6,929.8	-9.00				

Source: Kansas Department of Health and Spring Hill Public Schools

◯ Low Range
◯ High Range

Main Takeaway: The decline of live births in Johnson County can potentially result in smaller kindergarten classes.

To keep similar or greater enrollment will require an increased in the market share of future kindergarten students. RSP recommends continuing to monitor this variable for more understanding on demographic trends as propensity of Johnson County live births enrolling in Spring Hill Schools.

Live Birth Observations:

❑ Tracks the number of Johnson County live births and the corresponding number of Johnson County kindergarten students in Spring Hill School District five years later

❑ The number of live births have been decreasing since 2015 -- 3-year average of 13 less live births per year

❑ Three of the last four years, there have been less than 7,000 live births per year

❑ Despite the recent decrease in live births, the district has continued to see increasing kindergarten classes. The share of Johnson County birth has increased to over 3.5% of county live births.

Miami County Birth Rate Information

Miami County Kansas Live Births and Spring Hill Kindergarten 5-Years Later

Calendar Year	# Live Births	Birth Change	% Birth Change	School Year	# Kdg	%Kdg of Live Births
2010	384	-27	-6.6%	2015/16	51	13.3%
2011	380	-4	-1.0%	2016/17	64	16.8%
2012	364	-16	-4.2%	2017/18	67	18.4%
2013	297	-67	-18.4%	2018/19	58	19.5%
2014	410	113	38.0%	2019/20	59	14.4%
2015	354	-56	-13.7%	2020/21	57	16.1%
2016	345	-9	-2.5%	2021/22	58	16.8%
2017	387	42	12.2%	2022/23	54	14.0%
2018	371	-16	-4.1%	2023/24	60	16.2%
2019	325	-46	-12.4%	2024/25	45	63
2020	329	4	1.2%	2025/26	46	64
2021	371	42	12.8%	2026/27	52	72
2022	346	-25	-6.7%	2027/28	48	68
3-Year Average	348.7	7.00				
3-Year Weighted Average	351.5	2.17				

Source: Kansas Department of Health and Spring Hill Public Schools

⬭ Low Range
⬭ High Range

Live Birth Observations:

o Tracks the number of Miami County live births and the corresponding number of Miami County kindergarten students in Spring Hill School District five years later

o The number of live births has been relatively stable -- 3-year average of 7 more live births per year

o Spring Hill Schools enrolls around 60 kindergarten students from Miami County per year – about 15-20% of county live births

Past Enrollment by Grade

KANSAS SCHOOL DISTRICT - Dept of Education

Enrollment By Grade

Year	PS	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total	Change	% Change
2004/05	49	111	126	138	133	115	147	130	124	120	144	123	114	109	1,683		
2005/06	49	122	117	128	139	135	121	150	135	135	126	144	116	111	1,728	45	2.7%
2006/07	53	120	129	135	126	148	139	126	159	136	133	131	140	116	1,791	63	3.6%
2007/08	42	127	140	135	140	138	158	151	130	160	145	139	131	147	1,883	92	5.1%
2008/09	61	164	134	152	152	143	139	154	148	136	171	143	131	133	1,961	78	4.1%
2009/10	91	181	169	142	160	151	152	142	164	149	138	164	139	126	2,068	107	5.5%
2010/11	92	172	193	186	148	161	154	163	152	166	153	137	161	139	2,177	109	5.3%
2011/12	87	169	177	189	188	154	167	164	167	158	166	156	140	170	2,252	75	3.4%
2012/13	88	177	187	175	191	196	157	169	171	165	162	177	158	138	2,311	59	2.6%
2013/14	103	184	187	185	180	193	203	158	165	171	170	168	175	159	2,401	90	3.9%
2014/15	92	190	200	203	203	188	206	208	158	165	181	177	161	172	2,504	103	4.3%
2015/16	86	230	193	209	215	221	207	217	210	167	172	181	170	169	2,647	143	5.7%
2016/17	92	229	243	205	222	226	230	216	221	209	170	172	174	180	2,789	142	5.4%
2017/18	109	250	245	249	232	236	243	238	217	227	219	162	169	178	2,974	185	6.6%
2018/19	104	268	268	251	274	248	246	257	248	214	224	215	161	179	3,157	183	6.2%
2019/20	88	288	284	276	259	284	259	254	257	245	221	229	216	157	3,317	160	5.1%
2020/21	91	271	275	279	279	237	270	267	257	265	242	211	225	213	3,382	65	2.0%
2021/22	94	278	318	304	305	302	262	299	273	264	278	248	210	219	3,654	272	8.0%
2022/23	114	278	279	324	296	309	323	266	304	272	262	269	243	214	3,753	99	2.7%
2023/24	118	309	293	299	333	316	320	322	271	308	271	268	268	229	3,925	172	4.6%

Source: Kansas Department of Education and Spring HIll Schools (2004/05 to 2023/24)

Observations:

o Largest K-12 class in 2023/24 – 3rd grade with 333 students

o Smallest K-12 class in 2023/24 – 12nd grade with 229 students

o Graduating senior class is smaller than the incoming Kindergarten class which will increase total enrollment

o Largest total enrollment since 2001/01 is 2022/23 with 3,925 students (+172 students from last year)

o 2023/24 has the largest grades since 2004/05 in: PS/PK, Kindergarten (first year above 300), 3rd, 4th, 6th, 8th, 11th, and 12th grades

Cohort Student Change

Enrollment Grade Change

From	To	PS K	K 1st	1st 2nd	2nd 3rd	3rd 4th	4th 5th	5th 6th	6th 7th	7th 8th	8th 9th	9th 10th	10th 11th	11th 12th	PS-12 Change	PS-12 % Change
2004/05	2005/06	73	6	2	1	2	6	3	5	11	6	0	-7	-3	45	2.7%
2005/06	2006/07	71	7	18	-2	9	4	5	9	1	-2	5	-4	0	63	3.6%
2006/07	2007/08	74	20	6	5	12	10	12	4	1	9	6	0	7	92	5.1%
2007/08	2008/09	122	7	12	17	3	1	-4	-3	6	11	-2	-8	2	78	4.1%
2008/09	2009/10	120	5	8	8	-1	9	3	10	1	2	-7	-4	-5	107	5.5%
2009/10	2010/11	81	12	17	6	1	3	11	10	2	4	-1	-3	0	109	5.3%
2010/11	2011/12	77	5	-4	2	6	6	10	4	6	0	3	3	9	75	3.4%
2011/12	2012/13	90	18	-2	2	8	3	2	7	-2	4	11	2	-2	59	2.6%
2012/13	2013/14	96	10	-2	5	2	7	1	-4	0	5	6	-2	1	90	3.9%
2013/14	2014/15	87	16	16	18	8	13	5	0	0	10	7	-7	-3	103	4.3%
2014/15	2015/16	138	3	9	12	18	19	11	2	9	7	0	-7	8	143	5.7%
2015/16	2016/17	143	13	12	13	11	9	9	4	-1	3	0	-7	10	142	5.4%
2016/17	2017/18	158	16	6	27	14	17	8	1	6	10	-8	-3	4	185	6.6%
2017/18	2018/19	159	18	6	25	16	10	14	10	-3	-3	-4	-1	10	183	6.2%
2018/19	2019/20	184	16	8	8	10	11	8	0	-3	7	5	1	-4	160	5.1%
2019/20	2020/21	183	-13	-5	3	-22	-14	8	3	8	-3	-10	-4	-3	65	2.0%
2020/21	2021/22	187	47	29	26	23	25	29	6	7	13	6	-1	-6	272	8.0%
2021/22	2022/23	184	1	6	-8	4	21	4	5	-1	-2	-9	-5	4	99	2.7%
2022/23	2023/24	195	15	20	9	20	11	-1	5	4	-1	6	-1	-14	172	4.6%
3-Year Average		188.7	21.0	18.3	9.0	15.7	19.0	10.7	5.3	3.3	3.3	1.0	-2.3	-5.3	181.0	5.1%
3-Year Weighted Average		190.0	15.7	16.8	6.2	15.2	16.7	5.7	5.2	2.8	1.0	1.0	-2.3	-6.7	164.3	4.5%
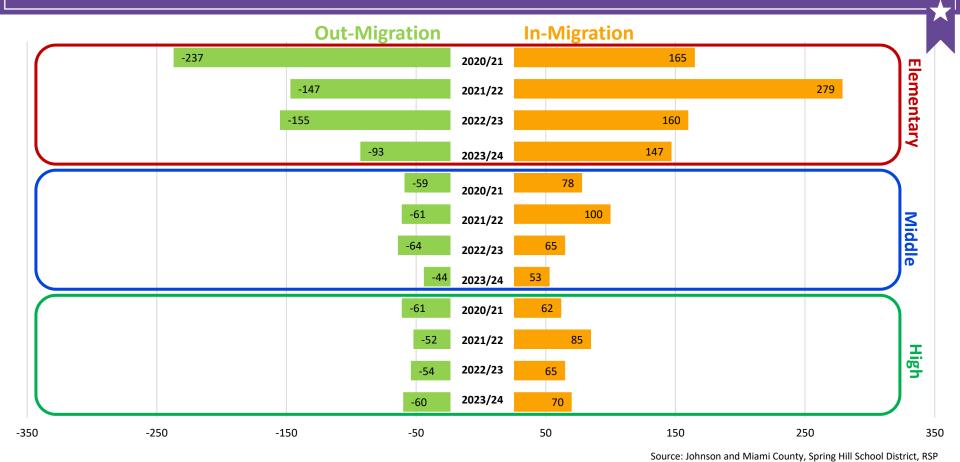
Source: Kansas Department of Education and Spring HIll Schools (2004/05 to 2023/24)

Observations:

o Largest 3-year average K-12 class cohort increase – 5th to 6th **(+19 students)**

o Largest 3-year average K-12 class cohort decrease – 11th to 12th grade **(-14 students)**

o Overall percent change from previous year of 4.6% - increase of 172 students

o Instructional Modality will have to be monitored to determine if the students who are not attending the district still reside in the district and if or how many return to receive services in the future years

4-Year Student Migration Trend
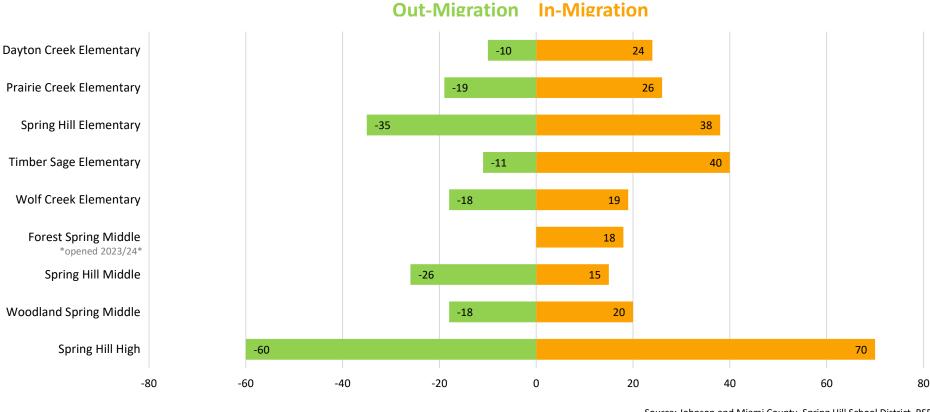
Source: Johnson and Miami County, Spring Hill School District, RSP

Definition

Out-Migration: Shows number of students in grades K to 11th that were attending the District in the previous year but are not attending the District in the current year.

In-Migration: Shows number of students in grades 1st to 12th that are attending the District in the current year but were not attending the District in the previous year.

Observations

- 2020/21 lost 357 students and gained 305 students; **NET: -52**

- 2021/22 lost 260 students and gained 464 students; **NET: +204**

- 2022/23 lost 273 students and gained 290 students; **NET: +17**

- 2023/24 lost 197 students and gained 270 students; **NET +73**

2023/24 Student Migration by Building (student attendance)

Out-Migration **In-Migration**

School	Out-Migration	In-Migration
Dayton Creek Elementary	-10	24
Prairie Creek Elementary	-19	26
Spring Hill Elementary	-35	38
Timber Sage Elementary	-11	40
Wolf Creek Elementary	-18	19
Forest Spring Middle *opened 2023/24*		18
Spring Hill Middle	-26	15
Woodland Spring Middle	-18	20
Spring Hill High	-60	70

Source: Johnson and Miami County, Spring Hill School District, RSP

Definition

Out-Migration: Shows number of students in grades K to 11th that were attending the District in the previous year but are not attending the District in the current year.

In-Migration: Shows number of students in grades 1st to 12th that are attending the District in the current year but were not attending the District in the previous year.

Observations
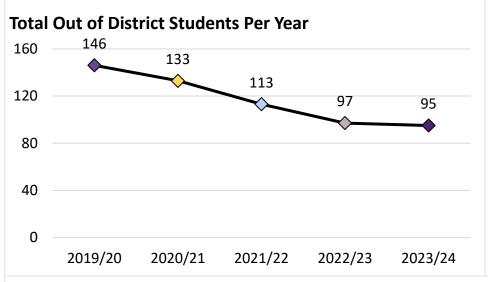
o Spring Hill High School had the largest out-migration (-60) and the largest in-migration (+70) of students this year

o Timber Sage Elementary had the largest net gain of students this year (+29)

o Spring Hill Middle School had the largest net loss of students this year (-11) and was the only school that had a net loss of transfer students
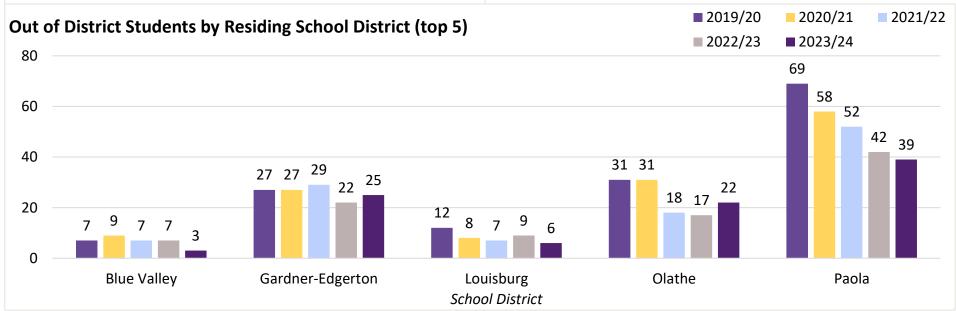
Out of District Student Analysis

Total Out of District Students Per Year

Observations
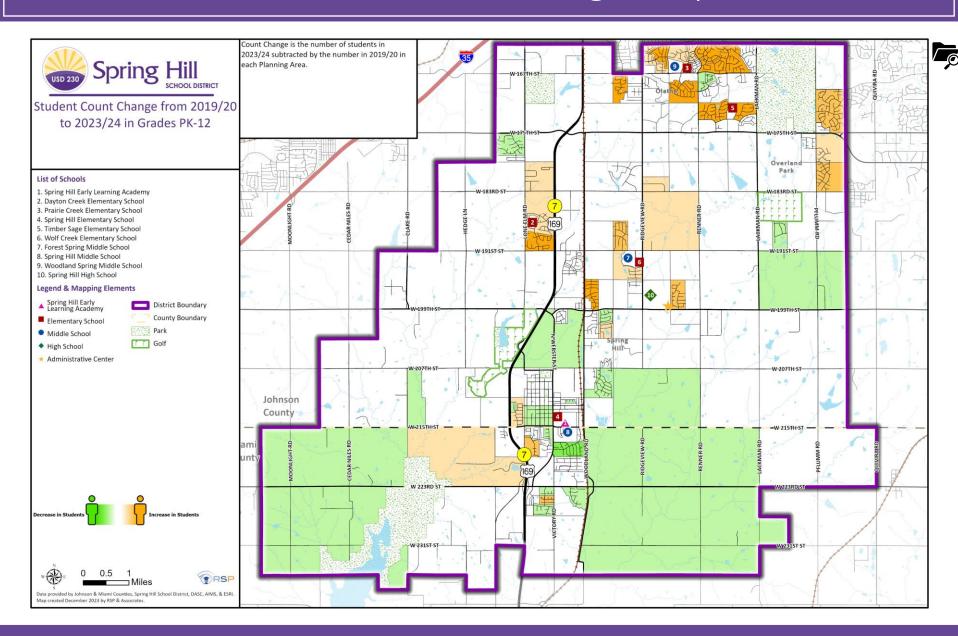
❑ Out of district students in Spring Hill has decreased the past four years from 146 students to 95 students

❑ It is not fully known what the impact might be when Open Enrollment begins in the 2024/25 school year

❑ 95 students this year reside out of the district

❑ Paola School District is the largest contributor to out of district students but the number of students per year has been decreasing

Out of District Students by Residing School District (top 5)

School District
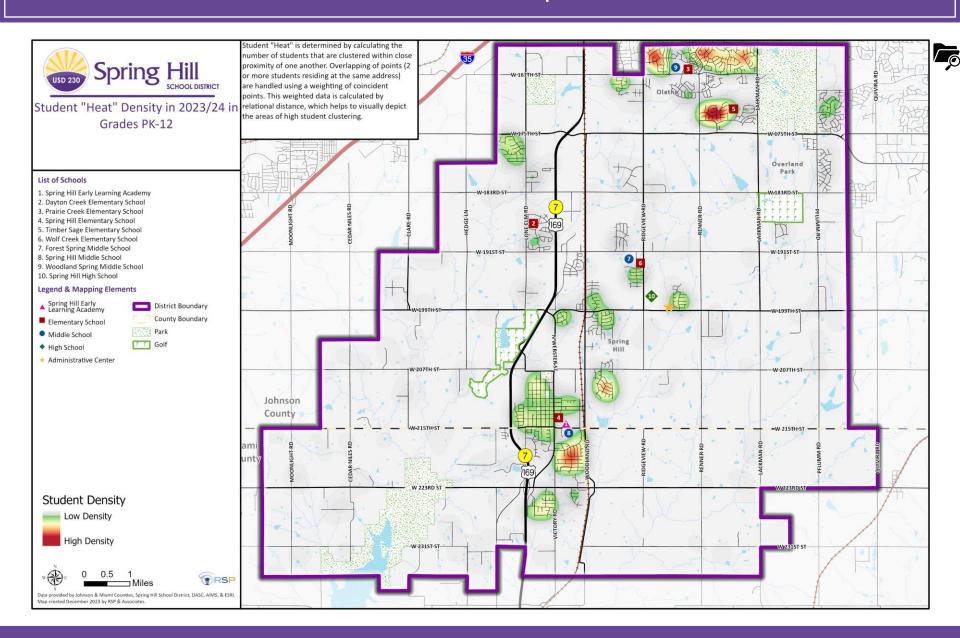
Source: Johnson and Miami County, Spring Hill School District, RSP

Student Count Change Map

Count Change is the number of students in 2023/24 subtracted by the number in 2019/20 in each Planning Area.

Spring Hill
USD 230
SCHOOL DISTRICT

Student Count Change from 2019/20 to 2023/24 in Grades PK-12

List of Schools
1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements
- ▲ Spring Hill Early Learning Academy
- ■ Elementary School
- ● Middle School
- ◆ High School
- ★ Administrative Center
- ▭ District Boundary
- County Boundary
- Park
- Golf

Decrease in Students — Increase in Students

0   0.5   1 Miles

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

Heat Map

Enrollment Observation and Conclusion

+ RSP & Associates monitors over 200 planning areas for demographic, development, and enrollment data sets

+ Despite the recent decrease in live births, the district has continued to see increasing kindergarten classes. The share of Johnson County birth has increased to over 3.5% of county live births. *– indicator of student growth*

+ District enrollment increased by 172 students from last year *– indicator of student growth*
- District has increased in enrollment every year since 2004/05
- Most grade levels increase as they work their way through the system
- Kindergarten is above 300 students for the first time

+ Graduating senior classes are smaller than incoming kindergarten classes *– indicator of student growth*

+ District historically has had a positive migration trend for the past three years. *– indicator of student growth*

Greatest student density is near the Timber Sage Elementary in the northeast.

Open enrollment trends should continually be analyzed as change to open enrollment policy have impact on enrollment outlook. Over the past five years, the number of students residing out of the district has decreased.

Development and Growth Trends

Population, Development, & Enrollment

Student Yield Rate

Housing Market Maps & Data

Potential Growth Analysis

Population, Development, & Enrollment

Benchmark data to determine if there is a correlation between:

- Population change
- Building activity
- School enrollment

	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
Certificate Occupancy	228	278	261	231	470	441	221	452	451	488	515
Enrollment Change	90	103	143	142	185	183	160	65	272	99	172
Population Change	569	594	620	648	676	706	737	764	313	318	404

Source: Johnson County, Spring Hill School District, and US Census

Graphic Explanation

- **BLUE LINE:** Building activity has averaged about 400+ units a year

- **GREEN LINE:** Census data indicates a stable, slightly increasing population
  - Population shows the estimate growth of the whole decade
  - New decennial census often affect year-to-year change

- **RED LINE:** Student enrollment has been generally increasing year to year

Student Yield Rate: Single-Family

Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Dayton Creek Elementary	23	24	23	20	21	22	19	19	20	20	21	22
Prairie Creek Elementary	25	26	35	37	38	39	38	39	40	38	36	27
Spring Hill Elementary	26	25	24	27	25	25	27	24	25	25	24	26
Timber Sage Elementary	16	15	17	20	23	23	27	24	25	23	22	18
Wolf Creek Elementary	37	35	33	30	31	29	29	26	25	25	25	30
District (PS-5):	26	25	26	27	27	27	28	26	27	26	25	26

Sources: Johnson & Miami Counties, Spring Hill Schools, and RSP & Associates

Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Forest Spring Middle	47	45	44	42	44	42	43	39	40	39	39	44
Spring Hill Middle	56	57	57	58	56	55	55	53	53	52	50	56
Woodland Spring Middle	36	38	46	50	53	56	60	63	68	64	64	40
District (PS-12):	49	49	50	50	51	50	51	50	51	50	50	50

Table Legend

🟠 +3 and greater from District Average

🟢 -3 and greater from District Average

Sources: Johnson & Miami Counties, Spring Hill Schools, and RSP & Associates

Single-Family Yield Rate Observations

o Table #1 shows the number of elementary students per 100 single-family (SF) units by year and by elementary boundary

o Table #2 shows the number of total students (PS-12) per 100 single-family (SF) units by year and by middle school boundary

o District sees on average 50 PS-12 students per 100 single-family households

o The district single-family yield rate has been increasing over the past ten years

o Prairie Creek Elementary has the largest 2023 SF yield rate with 36 elementary students and Woodland Spring Middle school has the largest 2023 SF yield rate with 64 PS-12 students per 100 single-family households

o Adding new housing inventory can increase the yield rate – **There were 3,198 single-family homes built from 2014 to 2023**

Student Yield Rate: Multi-Family

Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Dayton Creek Elementary	20	17	17	23	20	27	33	13	7	4	2	18
Prairie Creek Elementary	0	0	0	0	0	0	0	0	0	0	0	0
Spring Hill Elementary	14	16	17	15	17	15	15	14	16	16	14	15
Timber Sage Elementary	1	0	0	2	1	1	2	4	2	1	2	1
Wolf Creek Elementary	25	22	22	18	9	12	11	7	9	10	10	17
District (PS-5):	**15**	**15**	**15**	**14**	**12**	**12**	**12**	**10**	**10**	**10**	**9**	**13**

Sources: Johnson & Miami Counties, Spring Hill Schools, and RSP & Associates

Schools	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Avg
Forest Spring Middle	30	27	30	34	40	39	44	36	26	27	24	31
Spring Hill Middle	41	38	38	35	30	31	28	24	25	24	23	32
Woodland Spring Middle	6	3	1	2	0	2	3	3	1	0	0	1
District (PS-12):	**37**	**33**	**32**	**30**	**26**	**27**	**25**	**22**	**21**	**20**	**18**	**29**

Sources: Johnson & Miami Counties, Spring Hill Schools, and RSP & Associates

Table Legend

🟠 +3 and greater from District Average

🟢 -3 and greater from District Average

Multi-Family Yield Rate Observations
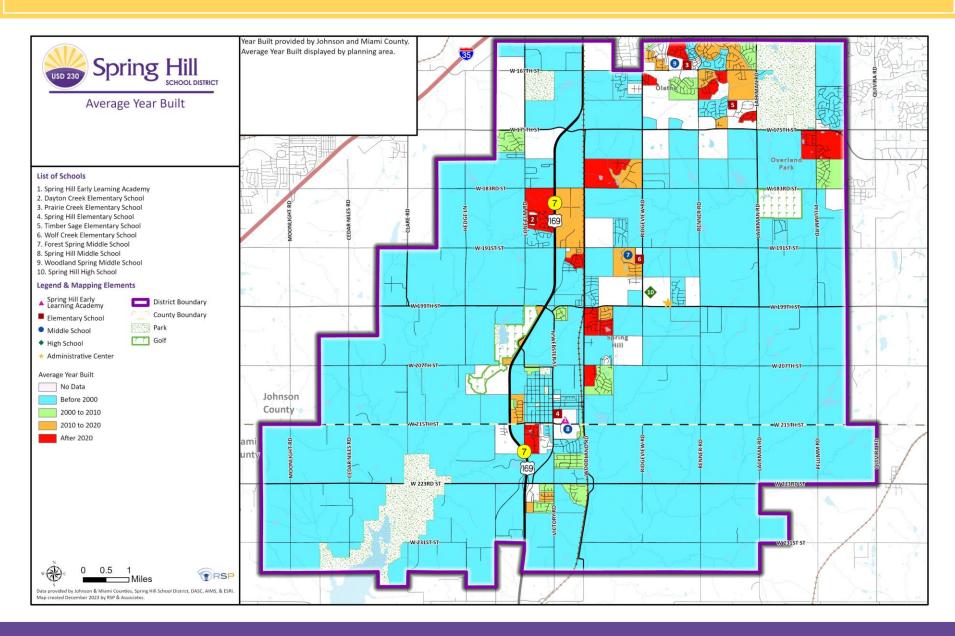
o   Table #1 shows the number of elementary students per 100 multi-family (MF) units by year and by elementary boundary

o   Table #2 shows the number of total students (PS-12) per 100 multi-family (MF) units by year and by middle school boundary

o   District sees on average 29 PS-12 students per 100 multi-family households

o   The district multi-family yield rate has been decreasing over the past ten years

o   Spring Hill Elementary has the largest 2023 MF yield rate with 14 elementary students and Forest Spring Middle school has the largest 2023 MF yield rate with 24 PS-12 students per 100 single-family households

o   Adding new housing inventory can increase the yield rate – **There were 610 multi-family homes built from 2014 to 2023**

Average Year Built Map

Spring Hill SCHOOL DISTRICT
USD 230
Average Year Built

Year Built provided by Johnson and Miami County.
Average Year Built displayed by planning area.

List of Schools
1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

▲ Spring Hill Early Learning Academy
■ Elementary School
● Middle School
◆ High School
★ Administrative Center

▢ District Boundary
▢ County Boundary
▒ Park
▢ Golf

Average Year Built
- No Data
- Before 2000
- 2000 to 2010
- 2010 to 2020
- After 2020

0   0.5   1 Miles

RSP

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

Spring Hill
SCHOOL DISTRICT
USD 230

Residential Year Built

Year built data is provided by Johnson and Miami County Assessor's Office.

List of Schools

1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
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10. Spring Hill High School

Legend & Mapping Elements

▲ Spring Hill Early Learning Academy
■ Elementary School
● Middle School
♦ High School
★ Administrative Center

▢ District Boundary
▢ County Boundary
▨ Park
▨ Golf

● 2019: 221 units
● 2020: 452 units
○ 2021: 451 units
● 2022: 488 Units
● 2023: 515 Units

0   0.5   1 Miles

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

New V.S. Existing Units by Decade Built

	1939 or Earlier	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	2020-2023
■ Number of Units in Time Period	344	40	100	189	949	356	541	1,587	2,534	1,906
■ Number of Existing Units		344	384	484	673	1,622	1,978	2,519	4,106	6,640

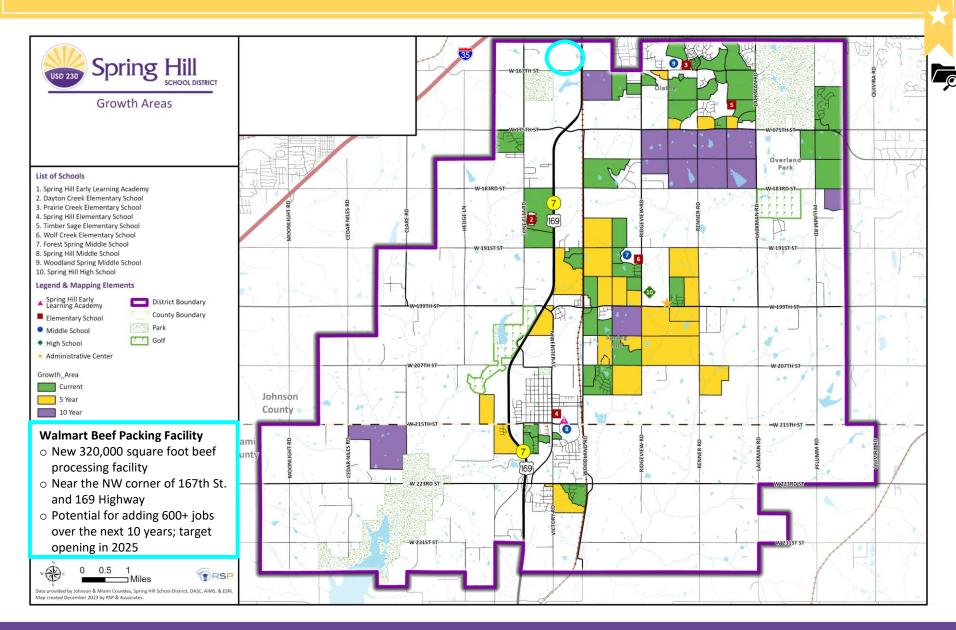Source: Johnson and Miami County, ESRI

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 (253 per year) is higher than from 2000 to 2009 (190 per year)

❑ The decade with the most units built was 2010 to 2019

❑ The average year for all units built is 1984 while the median year built is 2011

❑ The past two decades have averaged more new units built than total existing units in the 1980s

Growth Area Map

Spring Hill SCHOOL DISTRICT
USD 230
Growth Areas

List of Schools
1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
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7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements
- ▲ Spring Hill Early Learning Academy
- ■ Elementary School
- ● Middle School
- ◆ High School
- ★ Administrative Center

- ▭ District Boundary
- County Boundary
- Park
- Golf

Growth_Area
- Current
- 5 Year
- 10 Year

Walmart Beef Packing Facility
- New 320,000 square foot beef processing facility
- Near the NW corner of 167th St. and 169 Highway
- Potential for adding 600+ jobs over the next 10 years; target opening in 2025

0   0.5   1 Miles

RSP

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

Source: https://fox4kc.com/news/walmart-to-open-257m-beef-packing-facility-in-olathe/
https://corporate.walmart.com/news/2023/06/13/walmart-announces-new-case-ready-beef-facility-in-olathe-kansas

Development Table

Elementary Boundary	EXISTING UNITS			POTENTIAL UNITS			
	Current	5 Year	10 Year	Current	5 Year	10 Year	Total
Dayton Creek	746	1	0	622	1,567	0	**2,189**
Prairie Creek	378	0	0	276	0	0	**276**
Spring Hill	136	1	0	297	387	350	**1,034**
Timber Sage	1,273	1	8	1,801	371	1,300	**3,472**
Wolf Creek	659	34	0	972	3,806	0	**4,778**
TOTAL	3,192	37	8	3,968	6,131	1,650	**11,749**

Source: Johnson County, Miami County

Notes
- The market demand and property owners desire to build guides the timing and type of development
- Some growth areas may require infrastructure improvements
- There is no guarantee any of these growth areas will develop or that other areas not shown as a growth area will develop
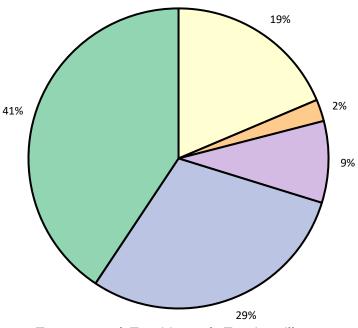
Observations

❑ Growth areas are created from existing land use, future land use, capital improvement plan, zoning, and city staff input

Green: identifies where development activity is happening

Yellow: identifies possible areas that could develop within a 5-year range

Purple: identifies possible areas that could develop within a 10-year range

Main Takeaway:

❑ Over 11,700 total potential units in the district

❑ Over 75% of units reside in Timber Sage and Wolf Creek attendance areas

❑ The 11,700 units are primarily identified in the current and 5-year ranges indicated future years of enrollment growth

Percentage of Total Potential Units by Elementary Boundary

Legend: ❑ Dayton Creek ❑ Prairie Creek ❑ Spring Hill ❑ Timber Sage ❑ Wolf Creek

(19%, 2%, 9%, 29%, 41%)

Development Observation and Conclusion

+ Over 11,700 units identified for potential development within the next 10+ years

+ Building activity has been increasing the past couple of years – over 500 units were built this year
  - Opportunities of residential growth exist; the speed of the activity is forecasted to continue at similar rate
  - Monitor local factors that may affect development timing and economic outlook to gauge how the new decade of residential growth will play out

+ Single-family residential has the highest propensity to have school aged students, yield rates of this development type are higher than that of multi-family
  - In 2023 saw 423 single-family units built and 92 multi-family units built
  - Tracking the types of development is important to understand the yield rate of students for every part of the community – there are varying yield rates with all developments

+ Growth areas located in the north along 175th street or from the City of Spring Hill growing to the north
  - New meat packaging plant to open at 167th street and Hwy 169 – potential to bring 667 jobs to the region

As of February 2022, construction costs have increased over 100% from August 2020 and supply chain challenges impact the potential and location of new development in the district.

Residential development will continue if the housing product is affordable and have active residential projects – infrastructure connectivity also plays a role in the desirability and timing of residential development. Potential for a slight decrease in unit production with a national election year (2024).
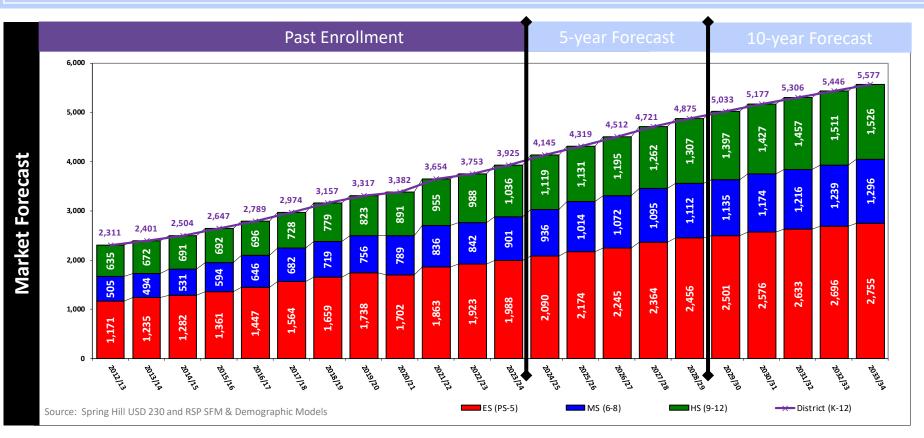
Student Projections

Past, Current, & Future Enrollment

Building Projections

Grade Level Projections

Past, Current, & Future Enrollment

Observations: Overall enrollment forecasted to be 4,875 students by 2028/29

- ☐ **District increases by about 950 students in 5 years (+24.2%) (Annual Range: +3.3% to +5.6% a year)**
- ☐ **Elementary increases by about 470 students in 5 years (+23.5%) (Annual Range: +3.3% to +5.1% a year)**
- ☐ **Middle School increases by about 210 students in 5 years (+23.4%) (Annual Range: +1.6% to +8.3% a year)**
- ☐ **High School increases by over about students in 5 years (+26.2%) (Annual Range: +1.1% to +8.0% a year)**
- ☐ 10-Year Outlook: Enrollment is forecasted to increase to over 5,500 by 2033/34

*All past student data is exported from the district student database allowing the ability to do robust statistical analysis by student geography The student database export will not always align perfectly with the Official Counts (Statistically 99% greater match by grade)

Projection Notes & Clarifications

Past Enrollment is shown three different ways:

1. Reside (Based on where a student Resides in relation to the attendance area – includes Open Enrollment)

2. Attend (Based on what school the student is attending includes Open Enrollment)

3. Reside/Attend (Subset of Reside to know how many of the Reside attend the school based on the attendance area they are assigned to)

Capacity

❑ Provided by district administration

❑ Should be annually examined to ensure appropriate education space is available

Other Items

❑ Enrollment Grade Configuration in Student Forecast Model (PS-5, 6-8, 9-12)

❑ PS enrollment include PK enrollment

❑ Open enrollment trends are assumed to follow district policy and will continue like those trends during the projection time frame

❑ Forest Spring MS opened in 2023/24

❑ Capacity numbers have been provided by the district

Elementary Building Projections (5-Year)

Spring Hill School District Projections By School (Based on Student Reside)

School	Architectural Capacity	Programming Capacity	Enrollment Type (Past)	Past School Enrollment				Projections Based on Residence				
				2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Dayton Creek Elementary			Reside/Attend	0	208	221	264					
K-5	528	484	Reside	0	238	235	278	300	316	340	360	382
			Attend	0	228	240	277	300	314	338	358	380
Prairie Creek Elementary			Reside/Attend	431	410	435	435					
K-5	528	484	Reside	436	418	441	442	444	457	448	474	493
			Attend	437	412	435	435	438	451	442	468	487
Spring Hill Elementary			Reside/Attend	428	485	482	464					
K-5	528	484	Reside	452	503	498	475	471	469	461	479	500
			Attend	445	498	494	475	472	466	458	476	497
Timber Sage Elementary			Reside/Attend	321	311	333	366					
K-5	528	484	Reside	324	317	338	369	440	487	528	545	553
			Attend	333	323	340	372	443	491	532	549	557
Wolf Creek Elementary			Reside/Attend	377	284	287	298					
K-5	528	484	Reside	399	293	297	306	313	321	337	367	393
			Attend	396	308	300	311	315	328	344	374	400
Early Childhood Center			Reside/Attend	39	36	41	34					
PS & PK	301	301	Reside	91	94	114	118	122	124	131	139	135
			Attend	91	94	114	118	122	124	131	139	135
ELEMENTARY SCHOOL TOTAL			Reside/Attend	1,596	1,734	1,799	1,861					
PS to 5th	2,941	2,721	Reside	1,702	1,863	1,923	1,988	2,090	2,174	2,245	2,364	2,456
			Attend	1,702	1,863	1,923	1,988	2,090	2,174	2,245	2,364	2,456

Source: RSP & Associates, LLC - December 2023

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 shown with Attend Projections
Note 4: The Enrollment Model assumes ES(PS-5) MS(6-8) and HS (9-12)
Note 5: Each planning area is assigned the 2023/24 boundary
Note 6: School capacity provided by the District as architectural and actual programming
Note 7: Reside is based on the student home address
Note 8: Attend is based on which facility the student attends
Note 9: Res/Att (Reside/Attend) are the students who reside in the attendance area that they have chosen to attend

School Utilization Legend

Over 100% Programming Capacity
Under 70% Programming Capacity

Main Takeaway:

- ❑ Prairie Creek will be at its capacity in 2028/29
- ❑ Spring Hill will be at its capacity in 2028/29
- ❑ Timber Sage will be at its capacity in 2025/26

Secondary Building Projections (5-Year)

Spring Hill School District Projections By School (Based on Student Reside)

School	Architectural Capacity	Programming Capacity	Enrollment Type (Past)	Past School Enrollment				Projections Based on Residence				
				2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Spring Hill Middle			Reside/Attend	463	460	467	279					
6-8	528	528	Reside	482	477	479	294	297	290	306	295	288
			Attend	467	465	471	283	288	280	298	287	280
Woodland Spring Middle			Reside/Attend	303	354	359	319					
6-8	528	528	Reside	307	359	363	320	339	380	409	434	447
			Attend	322	371	371	335	347	392	419	444	457
Forest Spring Middle			Reside/Attend	0	0	0	272					
6-8	528	528	Reside	0	0	0	287	300	344	357	366	377
			Attend	0	0	0	283	301	342	355	364	375
Spring Hill High			Reside/Attend	891	955	988	1,036					
9-12	1,400	1,238	Reside	891	955	988	1,036	1,119	1,131	1,195	1,262	1,307
			Attend	891	955	988	1,036	1,119	1,131	1,195	1,262	1,307
ELEMENTARY SCHOOL TOTAL			Reside/Attend	1,596	1,734	1,799	1,861					
PS to 5th	2,941	2,721	Reside	1,702	1,863	1,923	1,988	2,090	2,174	2,245	2,364	2,456
			Attend	1,702	1,863	1,923	1,988	2,090	2,174	2,245	2,364	2,456
MIDDLE SCHOOL TOTAL			Reside/Attend	766	814	826	870					
6th to 8th	1,584	1,584	Reside	789	836	842	901	936	1,014	1,072	1,095	1,112
			Attend	789	836	842	901	936	1,014	1,072	1,095	1,112
HIGH SCHOOL TOTAL			Reside/Attend	891	955	988	1,036					
9th to 12th	1,400	1,238	Reside	891	955	988	1,036	1,119	1,131	1,195	1,262	1,307
			Attend	891	955	988	1,036	1,119	1,131	1,195	1,262	1,307
DISTRICT TOTALS			Reside/Attend	3,253	3,503	3,613	3,767					
PS to 12th	5,925	5,543	Reside	3,382	3,654	3,753	3,925	4,145	4,319	4,512	4,721	4,875
			Attend	3,382	3,654	3,753	3,925	4,145	4,319	4,512	4,721	4,875

Source: RSP & Associates, LLC - December 2023

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 shown with Attend Projections
Note 4: The Enrollment Model assumes ES(PS-5) MS(6-8) and HS (9-12)
Note 5: Each planning area is assigned the 2023/24 boundary
Note 6: School capacity provided by the District as architectural and actual programming
Note 7: Reside is based on the student home address
Note 8: Attend is based on which facility the student attends
Note 9: Res/Att (Reside/Attend) are the students who reside in the attendance area that they have chosen to attend
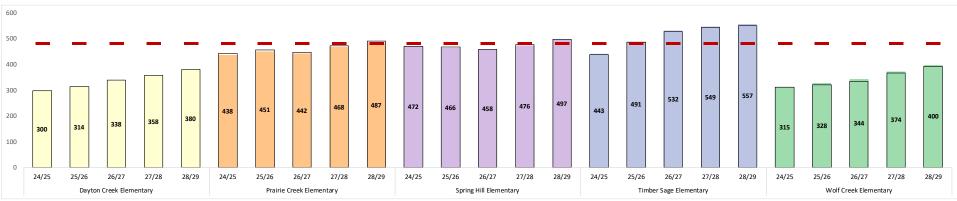
School Utilization Legend

Over 100% Programming Capacity
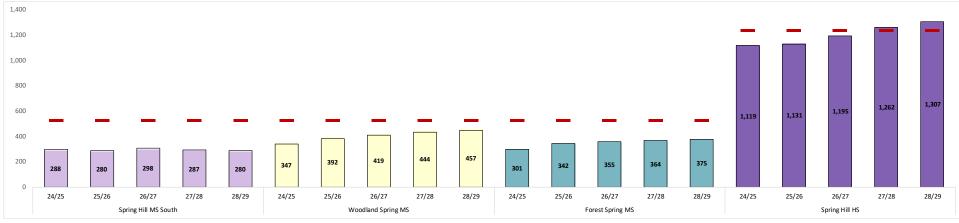Under 70% Programming Capacity

Main Takeaway:

❑ All of the middle school facilities are forecasted under programming capacities the next five years

❑ High school enrollment is forecasted to exceed building programming capacity in 2027/28

Building Projections Bar Graphs (5-Year)

ELEMENTARY SCHOOLS (K-5)

Bar graph of elementary school projections. Values by year (24/25, 25/26, 26/27, 27/28, 28/29):

- **Dayton Creek Elementary:** 300, 314, 338, 358, 380
- **Prairie Creek Elementary:** 438, 451, 442, 468, 487
- **Spring Hill Elementary:** 472, 466, 458, 476, 497
- **Timber Sage Elementary:** 443, 491, 532, 549, 557
- **Wolf Creek Elementary:** 315, 328, 344, 374, 400

SECONDARY SCHOOLS (6-12)

Bar graph of secondary school projections. Values by year (24/25, 25/26, 26/27, 27/28, 28/29):

- **Spring Hill MS South:** 288, 280, 298, 287, 280
- **Woodland Spring MS:** 347, 392, 419, 444, 457
- **Forest Spring MS:** 301, 342, 355, 364, 375
- **Spring Hill HS:** 1,119, 1,131, 1,195, 1,262, 1,307

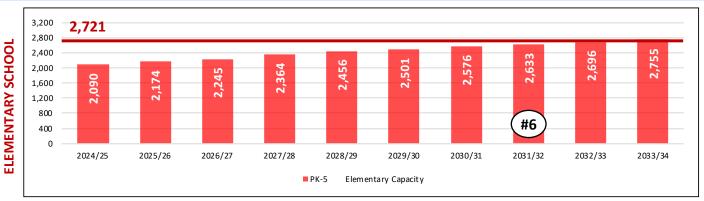Source: Spring Hill USD 230 and RSP SFM & Demographic Models

Elementary School:

- ❑ Timber Sage is forecasted to exceed programming capacity in the 25/26 school year
- ❑ Prairie Creek is forecasted to exceed programming capacity in the 28/29 school year
- ❑ Spring Hill is forecasted to exceed programming capacity in the 28/29 school year
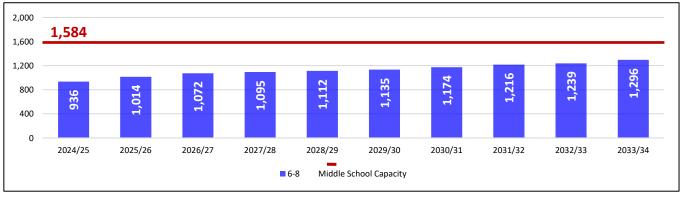
Secondary Schools:

- ❑ Spring Hill is forecasted to exceed programming capacity in the 27/28 school year

10-Year Projections by Capacity (Next Steps Items)
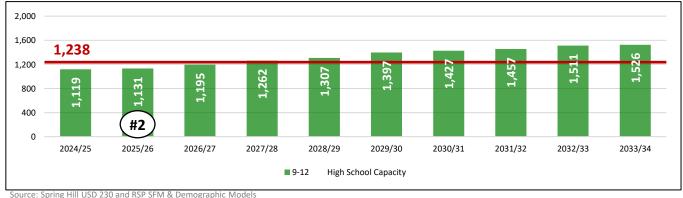
Elementary School:
- ❏ Current PK-5 Programming Capacity = 2,721
- ❏ 2031/32 Elementary #6 decision
- ❏ Capacity challenges at certain schools requiring a change with attendance areas

Middle School:
- ❏ Current 6-8 Capacity will increase to 1,584
- ❏ Forest Spring MS that opened in 2023/24 will provide capacity relief beyond 2033/34

High School:
- ❏ Current 9-12 Capacity = 1,238
- ❏ Capacity includes additions were completed in 2018/19
- ❏ Decision by 2025/26 for either an addition to existing HS or to build a 2nd HS, or other HS programming around 27/28

Source: Spring Hill USD 230 and RSP SFM & Demographic Models

Projection Observation and Conclusion

Enrollment at all levels is expected to increase:

+ District-wide enrollment to increase by 950 students in five years totaling 4,875

+ Elementary School enrollment to increase by 468 students in five years to total 2,456

+ Middle School enrollment to increase by 211 students in five years to total 1,112

+ High School enrollment to increase by over 271 students to total 1,307

Driving forces of enrollment increase:

+ 2023/24 Student population
Indicators:
- *Largest classes in history*
- *Larger kindergarten classes than senior classes*
- *District growth of 4.6% from last year*

+ Development Activity
Indicators:
- *Increasing MF yield rates*
- *2020 to 2023 building trends*
- *Potential new developments*

+ Migration Trends
Indicators:
- *Positive student migration year to year*
- *Cohort growth year to year*
- *Stable share of county live births*

Potential Challenges:

❑ Schools over building capacities:
- Timber Sage Elementary forecasted to exceed programming capacity in 2025/26
- Prairie Creek Elementary and Spring Hill forecasted to exceed programming capacity in 2028/29
- Spring Hill High School forecasted to exceed programming capacity in 2027/28

Next Steps

Moving Forward

Next Steps

Key Considerations

Key Considerations

The following items will assist the district advance its educational goals:

❑ Annually review enrollment projections, demographics, and development trends.
- ▪ District 5-year growth: **+24.2%**
- ▪ Elementary 5-year growth: **+23.5%**
- ▪ Middle School 5-year growth: **+23.4%**
- ▪ High School 5-year growth: **+26.2%**

❑ District administration and the Board of Education further study the enrollment, demographic, and development information presented.

❑ Utilize the enrollment model to assist with planning for staffing needs at each facility for the following school year which will address how quickly areas are "Regreening" and "Emerging".

❑ The type of residential development and how affordable it is will determine likely location and number of students.

❑ Annually monitor the impact of future educational programming that will be integrated into each facility to ensure equitable and appropriate space is utilized in the building which will experience enrollment change.

❑ Recent economic indicators have been in-flux (interest rates, housing prices, supply chain). Continued economic changes will impact the likelihood of new people moving into the district and increasing enrollment.

❑ RSP Enrollment forecasting is based on the best-known information at the time.

Key Considerations:

1. Number of live births in Johnson and Miami County (continue to monitor)… *see page 14 & 15*

2. Size of outgoing senior class (smaller) compared to the incoming Kindergarten and PK classes (larger)… *see page 16*

3. Migration trends (In-Migration tends to be more than Out-Migration)… *see page 18-19*

4. Development trends and timing of identified projects (11,000-unit potential next ten years)… *see pages 33-34*

Appendix

Community Demographics

Intra-transfer Tables

Student Density Maps

Demographics Summary

Population

Percent Change of Annual Rate

2000 to 2010: 4.90%
2010 to 2020: 4.42%
2020 to 2023: 1.72%
2023 to 2028: 0.94%

Housing

Percent Change of Annual Rate of Housing Inventory

2000 to 2010: 5.52%
2010 to 2020: 4.17%
2020 to 2023: 2.06%
2023 to 2028: 0.78%

Income

Percent Change of Income per Capita

2023: $47,248
2028: $52,949
2023 to 2028: 2.30%

Workforce

Unemployment Rate

3.8% as of July 2023

Source: US Census BAO
Note: Data includes all person residing in the district boundary

Observations:

❑ The population as been increasing the past two decades and is forecasted to continue increasing but at a slower rate

❑ The housing inventory has increased since 2000 and is forecasted to continue increasing, but at a slower rate

❑ Income has increased in the district

❑ The unemployment rate is lower than the State of Kansas (4.3%)

Demographics

	Spring Hill School District	Paola School District	Gardner-Edgerton School District	Miami County	Johnson County	State of Kansas
Unemployment Rate	3.8%	3.2%	3.9%	3.6%	3.4%	4.3%
Average Household Size	2.89	2.47	2.84	2.6	2.51	2.46
Median Age	37.4	43.6	34.8	41.5	38.6	37.9
Total Population	19,222	12,154	29,624	35,007	627,429	2,952,421
Median Household Income	$111,131	$75,476	$83,656	$80,114	$96,187	$65,296
Total Housing Units	6,970	5,209	10,569	14,283	260,876	1,295,571
Owner Occupied Housing	5,950	3,859	7,460	10,688	173,349	796,078
Renter Occupied Housing	666	1,004	2,665	2,610	74,320	368,302
Vacancy Rate	5.1%	6.6%	4.2%	6.9%	5.1%	10.1%

	Spring Hill School District	Paola School District	Gardner-Edgerton School District	Miami County	Johnson County	State of Kansas
White	85.0%	88.6%	77.2%	88.7%	74.7%	71.4%
Black	1.9%	1.4%	3.9%	1.3%	4.6%	5.6%
American Indian/Alaskan	0.3%	0.5%	0.4%	0.5%	0.3%	0.8%
Asian	2.2%	0.4%	1.5%	0.5%	5.4%	2.9%
Pacific Islander	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%
Other Race	0.5%	0.3%	0.4%	0.3%	0.4%	0.3%
Two or More Races	4.8%	5.5%	6.6%	5.1%	5.1%	5.2%
Hispanic	5.3%	3.3%	9.9%	3.7%	9.5%	13.7%

Source: U.S. Census, ESRI BAO

Notes:
- Demographic attribute information for Spring Hill School District is similar to Paola School District
- Vacancy Rate is lowest in the Spring Hill School District except for Gardner-Edgerton School District when compared to the other geographies
- The Unemployment Rate is lower than the State of Kansas (estimates from July 2023 from the US Census)
- Median Age is lowest in the Spring Hill School District when compared to the other geographies except for Gardner-Edgerton School District
- Median Household Income is highest in the Spring Hill School District when compared to the other geographies
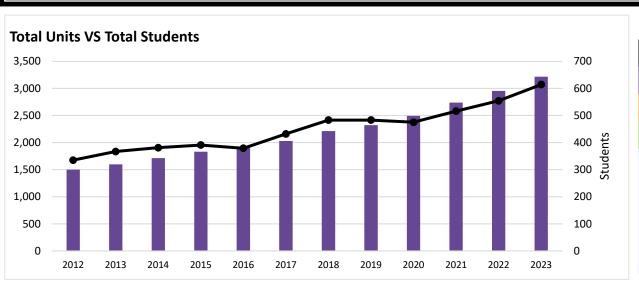
Employment Information

Employment by Sector	Spring Hill School District	Paola School District	Gardner-Edgerton School District	Miami County	Johnson County	State of Kansas
2023 Agriculture/Mining (SIC01-14) Employees	2.9%	1.0%	1.7%	1.7%	1.4%	1.8%
2023 Construction (SIC15-17) Employees	5.9%	5.8%	3.3%	6.3%	4.5%	4.2%
2023 Manufacturing (SIC20-39) Employees	2.0%	7.1%	22.4%	4.9%	5.6%	10.5%
2023 Transportation (SIC40-47) Employees	3.5%	2.5%	2.6%	3.6%	1.6%	2.8%
2023 Communication (SIC48) Employees	0.1%	0.2%	0.2%	0.2%	1.1%	0.8%
2023 Utility (SIC49) Employees	0.1%	1.5%	0.6%	1.0%	0.3%	0.6%
2023 Wholesale Trade (SIC50-51) Employees	2.8%	1.6%	2.6%	2.0%	4.3%	4.2%
2023 Home Improvement (SIC52) Employees	9.6%	1.9%	0.9%	1.5%	1.8%	1.4%
2023 General Merchandise (SIC53) Employees	5.6%	8.2%	0.3%	4.2%	2.4%	2.3%
2023 Food Stores (SIC54) Employees	2.9%	4.5%	4.5%	4.2%	2.3%	2.2%
2023 Auto Dealer/Gas Station (SIC55) Employees	1.0%	2.9%	1.9%	2.0%	1.7%	2.2%
2023 Apparel/Accessory (SIC56) Employees	0.1%	0.1%	0.1%	0.0%	1.2%	0.8%
2023 Furniture/Home Furnishings (SIC57) Employees	0.1%	0.1%	0.1%	0.2%	1.9%	0.9%
2023 Eating & Drinking (SIC58) Employees	6.1%	7.4%	6.2%	5.6%	6.9%	6.6%
2023 Miscellaneous Retail (SIC59) Employees	1.0%	1.5%	1.1%	1.6%	3.1%	2.6%
2023 Banks (SIC60-61) Employees	1.6%	1.0%	1.1%	1.6%	1.9%	1.9%
2023 Securities Broker (SIC62) Employees	0.3%	0.2%	0.1%	0.2%	2.2%	0.9%
2023 Insurance (SIC63-64) Employees	0.8%	1.1%	0.3%	1.1%	3.3%	1.5%
2023 Real Estate/Holding (SIC65-67) Employees	1.6%	1.5%	1.1%	1.6%	4.8%	2.6%
2023 Hotel/Lodging (SIC70) Employees	0.4%	0.4%	0.5%	0.5%	0.9%	0.9%
2023 Auto Services (SIC75) Employees	1.4%	0.7%	0.9%	0.8%	0.8%	0.9%
2023 Movie/Amusement (SIC78-79) Employees	6.6%	1.8%	2.0%	2.1%	2.3%	2.2%
2023 Health Services (SIC80) Employees	11.2%	8.0%	5.7%	12.9%	11.7%	11.3%
2023 Legal Services (SIC81) Employees	0.2%	0.3%	0.2%	0.1%	1.2%	0.7%
2023 Education/Library (SIC82) Employees	18.2%	12.0%	12.8%	18.4%	6.9%	10.0%
2023 Other Service (SIC72-89SEL) Employees	9.0%	19.0%	13.6%	14.8%	19.4%	15.2%
2023 Government (SIC91-97) Employees	5.1%	7.4%	13.0%	6.4%	3.5%	7.4%
2023 Unclassified Establishments (SIC99) Employees	0.1%	0.2%	0.2%	0.3%	0.8%	0.5%

Source; U.S. Census and Esri BAO

Notes:

- Highest percentage of employees are in Education (18.2%)
- When compared to all neighboring geographies, Spring Hill School District has a greater percentage of employees working in Home Improvement and lower percentage of employees working in Manufacturing

Student Analysis by MS Boundaries – Forest Spring
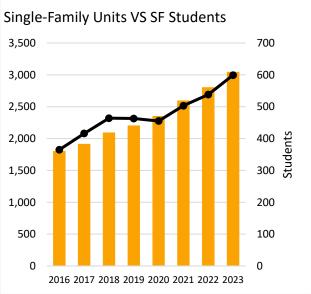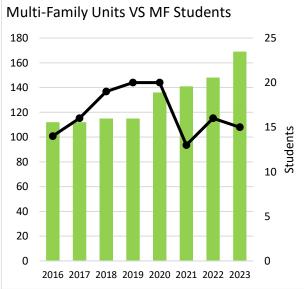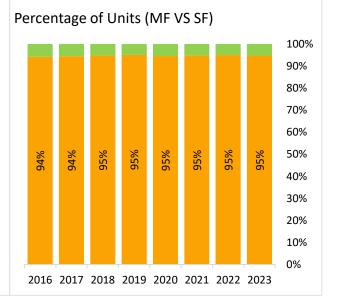
Total Units VS Total Students

Legend:

Black Line	Student Enrollment
Purple Bars	Total Units (SF and MF)
Orange Bars	Single-Family Units
Green Bars	Multi-Family Units

Main Takeaway:

☐ Students increased by 83.3% in Forest Spring in the past ten years

☐ Development increased by 114.5% in Forest Springs in the past ten years
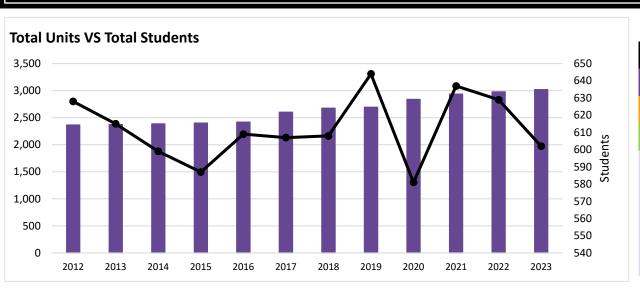
Single-Family Units VS SF Students

Multi-Family Units VS MF Students

Percentage of Units (MF VS SF)

Source: Johnson and Miami County, ESRI, Spring Hill Schools, and RSP

Student Analysis by MS Boundaries – Spring Hill

Total Units VS Total Students

Legend:

Black Line	Student Enrollment
Purple Bars	Total Units (SF and MF)
Orange Bars	Single-Family Units
Green Bars	Multi-Family Units
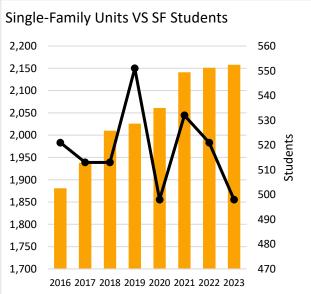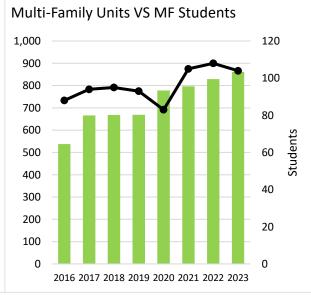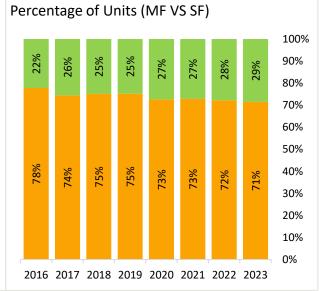
Main Takeaway:

❑ Students decreased by -4.1% in Spring Hill boundary in the past ten years

❑ Development increased by 27.5% in Spring Hill boundary in the past ten years
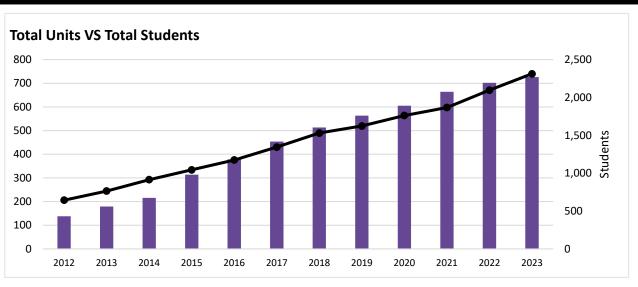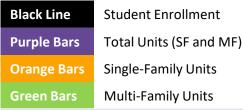
Single-Family Units VS SF Students

Multi-Family Units VS MF Students

Percentage of Units (MF VS SF)

Source: Johnson and Miami County, ESRI, Spring Hill Schools, and RSP

Student Analysis by MS Boundaries – Woodland Spring

Total Units VS Total Students

Legend:

Black Line	Student Enrollment
Purple Bars	Total Units (SF and MF)
Orange Bars	Single-Family Units
Green Bars	Multi-Family Units

Main Takeaway:
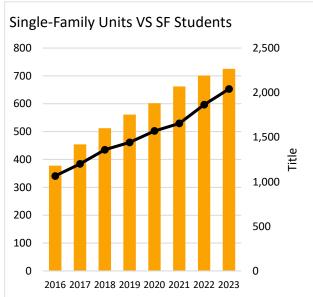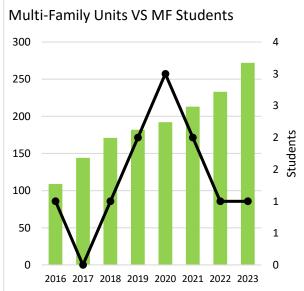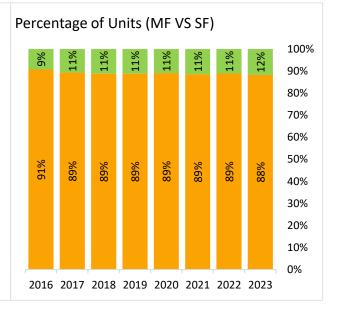
❑ Students increased by 426.1% in Woodland Spring in the past ten years

❑ Development increased by 259% in Woodland Spring in the past ten years

Single-Family Units VS SF Students

Multi-Family Units VS MF Students

Percentage of Units (MF VS SF)

Source: Johnson and Miami County, ESRI, Spring Hill Schools, and RSP

51

Intra-District Transfer Tables

ES	Attend					
Reside	Dayton Creek	Prairie Creek	Spring Hill	Timber Sage	Wolf Creek	Attend Total
Dayton Creek	0	0	5	1	8	14
Prairie Creek	3	0	2	2	0	7
Spring Hill	6	0	0	1	4	11
Timber Sage	2	0	0	0	1	3
Wolf Creek	2	0	4	2	0	8
Grand Total	13	0	11	6	13	**43**

MS	Attend			
Reside	Forest Spring	Spring Hill	Woodland Spring	Attend Total
Forest Spring	0	4	11	15
Spring Hill	10	0	5	15
Woodland Spring	1	0	0	1
Grand Total	11	4	16	**31**

Source: Spring Hill School District 2022/23 and RSP

NOTE: The schools in the left column are associated with the current attendance area. Reading to the right indicates a school choice change from where they are assigned based on the Reside attendance area.
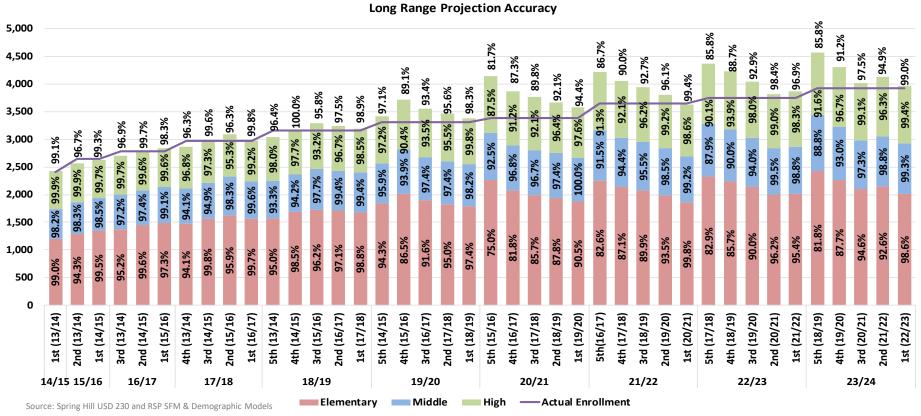
For example: Dayton Creek has 14 students attending a different elementary school and 13 students from another elementary school choosing to attend Dayton Creek. This results in a 1 less students attending Dayton Creek than what reside in that attendance area.

Observations:

❑   Illustrates school choice that could be impacted by location of educational programming

❑   Reviewed on an annual basis and approved based on capacity availability

❑   **Elementary:**
- Dayton Creek ES and Wolf Creek ES (+13) had the most students transferring in
- Dayton Creek ES (-14) had the most students transferring out
- 43 total elementary students attend a different school in which they reside in

❑   **Middle School:**
- Woodland Spring MS (+16) had the most students transferring in
- Forest Spring and Spring Hill MS (-15) had the most students transferring out
- 31 total middle school students attend a different school in which they reside in

Long Range Projection Accuracy

Source: Spring Hill USD 230 and RSP SFM & Demographic Models

Legend: ■ Elementary ■ Middle ■ High — Actual Enrollment
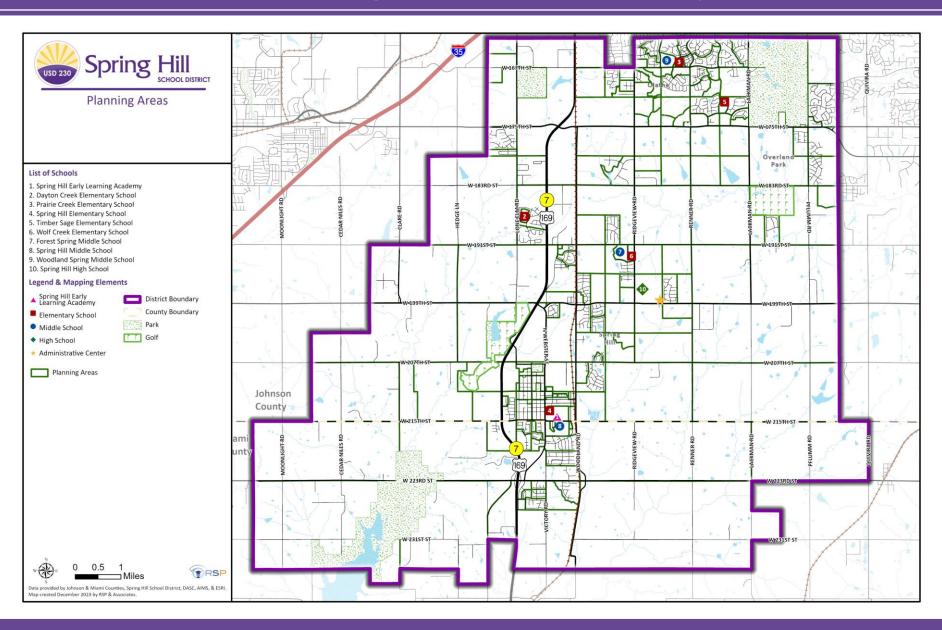
- ❑ Understanding the graph: For each school year, represented at the bottom of the chart, there were up to 5 projections made
  - ❑ 1st year projections represent the projections made the previous year (EX: 1st year projections made in 22/23 for 23/24 were 99.0% accurate)
  - ❑ 5th year projections represent the projections made 5 years ago (EX: 5th year projections made in 18/19 for 23/24 were 85.8% accurate)

- ❑ Projections tend to be more accurate as they get closer to the year that they are projections
  - ▪ EX: 5th year projections average an accuracy of 88.9% and 1st year projections average an accuracy of 98.4%

- ❑ Last years projections for 23/24 were 99% accurate
  - ▪ Projections were most accurate at the high school level with 99.4% accuracy
  - ▪ Projections were least accurate at the elementary school level with 98.6%

Main takeaway: Since 2013/14 RSP has projected USD 230 enrollment with an average accuracy of 95%

Kindergarten Student Density Map

Heat Density Change Map

Spring Hill
USD 230
SCHOOL DISTRICT

Student "Heat" Density Difference
from 2019/20 to 2023/24 in Grades
PK-12

Student "Heat" is determined by calculating the number of students that are clustered within close proximity of one another. Overlapping of points (2 or more students residing at the same address) are handled using a weighting of coincident points. This weighted data is calculated by relational distance, which helps to visually depict the areas of high student clustering.

List of Schools

1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

- ▲ Spring Hill Early Learning Academy
- ■ Elementary School
- ● Middle School
- ◆ High School
- ★ Administrative Center

- District Boundary
- County Boundary
- Park
- Golf

Decrease in Density / Increase in Density

0   0.5   1 Miles

RSP

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

Count Change is the number of students in 2023/24 subtracted by the number in 2019/20 in each Planning Area.

Spring Hill USD 230 SCHOOL DISTRICT

Student Count Change from 2019/20 to 2023/24 in Grades 9-12

List of Schools

1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

▲ Spring Hill Early Learning Academy
■ Elementary School
● Middle School
◆ High School
★ Administrative Center

District Boundary
County Boundary
Park
Golf

Decrease in Students — Increase in Students

0   0.5   1 Miles

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

2019/20 Student Density Map

Student Density is the number of students per square mile within each Planning Area.

Spring Hill SCHOOL DISTRICT USD 230

2019/20 Student Density in Grades PK-12

List of Schools
1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

▲ Spring Hill Early Learning Academy
■ Elementary School
● Middle School
◆ High School
★ Administrative Center

▭ District Boundary
▭ County Boundary
▒ Park
▭ Golf

Student Density
- < 25
- 26 to 250
- 251 to 750
- 751 to 1,250
- > 1,250

0   0.5   1 Miles

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI. Map created December 2023 by RSP & Associates.

RSP

Spring Hill
SCHOOL DISTRICT
USD 230

Student Density Change from 2019/20 to 2023/24 in Grades PK-12

Density Change is the number of students within each Planning Area in 2023/24 subtracted by the number in 2019/20 represented per square mile.

List of Schools

1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
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6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

- ▲ Spring Hill Early Learning Academy
- ■ Elementary School
- ● Middle School
- ◆ High School
- ★ Administrative Center
- District Boundary
- County Boundary
- Park
- Golf

Decrease in Students — Increase in Students

0   0.5   1 Miles

RSP

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI. Map created December 2023 by RSP & Associates.

Yield Rate Analysis Map

Spring Hill
SCHOOL DISTRICT
USD 230

Yield Rate

Year built data is provided by Johnson and Miami County Assessor's Office. Yield Rate displayed by planning area. Yield Rate describes the number of PK-12 students for every 100 units.

List of Schools
1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

▲ Spring Hill Early Learning Academy
■ Elementary School
● Middle School
◆ High School
★ Administrative Center

▢ District Boundary
▢ County Boundary
▢ Park
▢ Golf

Yield Rate
- < 10
- 10 to 30
- 30 to 50
- 50 to 70
- > 70

0   0.5   1 Miles

RSP

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

Rent Change is calculated by taking the difference between 2021 and 2020. Data is provided by ACS 5-Year Estimates. These estimates are released in the end of the following calendar year. The median rent is displayed by census tract.

Spring Hill SCHOOL DISTRICT
USD 230

2020-2021 Median Rent Change

List of Schools

1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

- ▲ Spring Hill Early Learning Academy
- ■ Elementary School
- ● Middle School
- ◆ High School
- ★ Administrative Center
- ▭ District Boundary
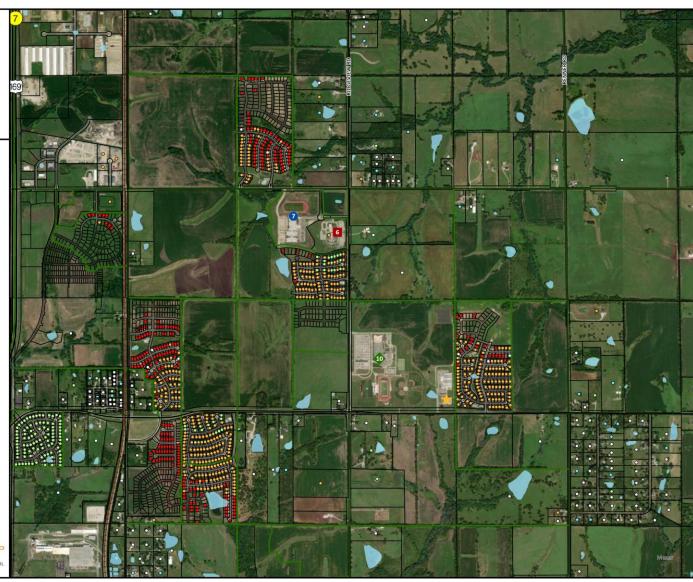- ▭ County Boundary
- ▨ Park
- ▨ Golf

2020-2021 Median Rent Change (%)
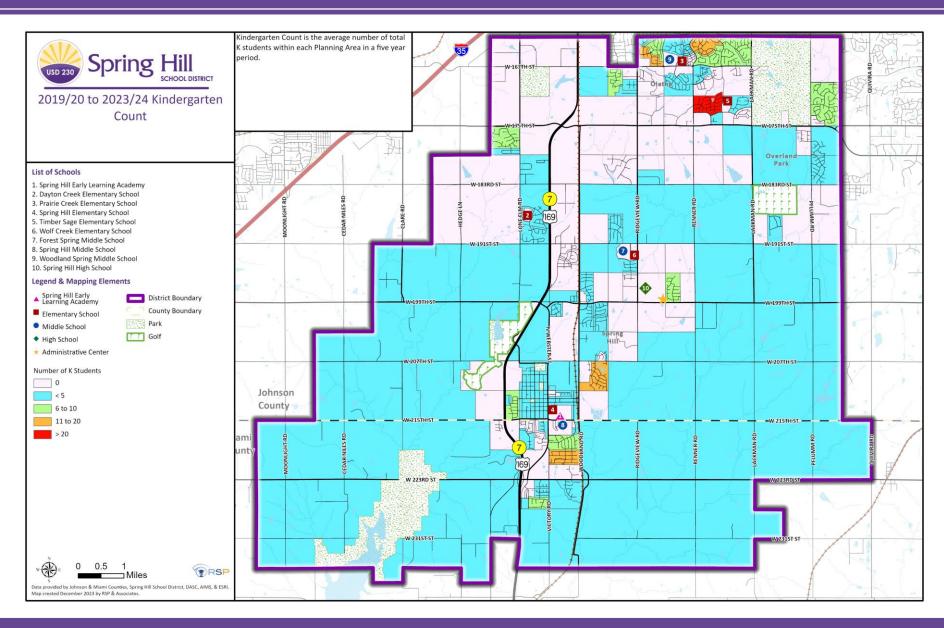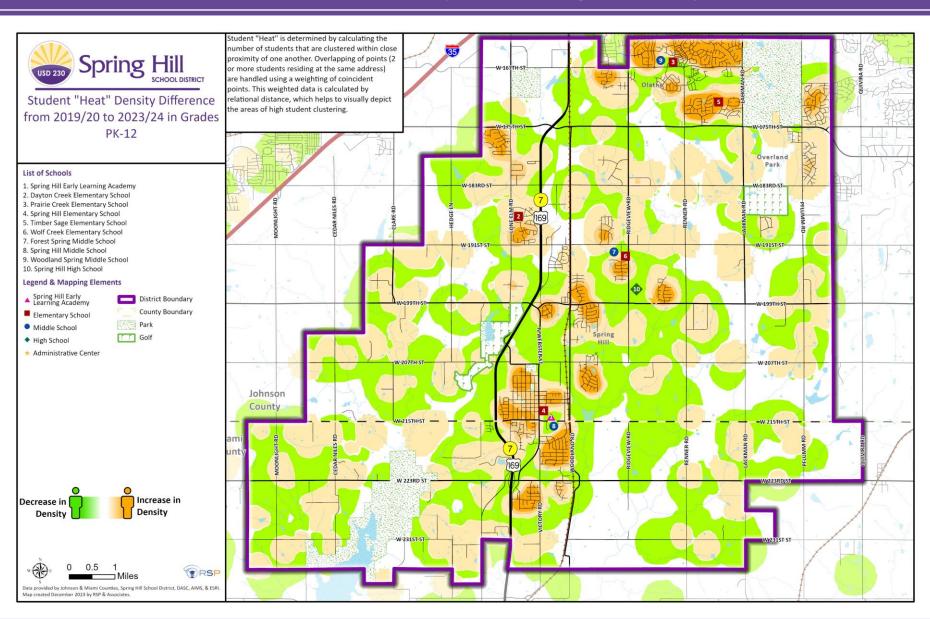
- < -1%
- -1% to 5%
- 5% to 10%
- 10% to 20%
- > 20%

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
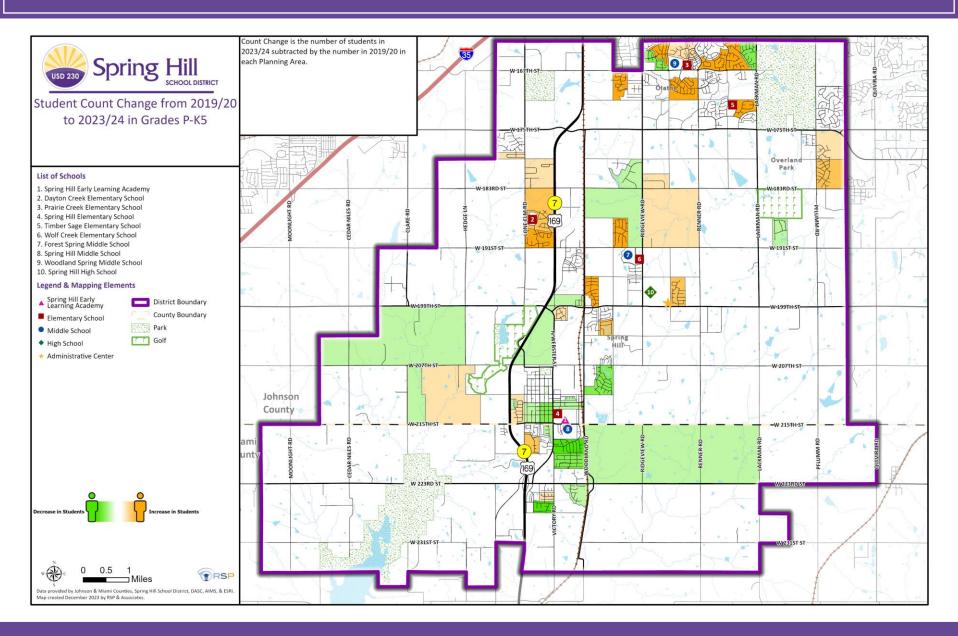Map created December 2023 by RSP & Associates.

2021 Median Rent Map

Data is provided by ACS 5-Year Estimates. These estimates are released in the end of the following calendar year. The median rent is displayed by census tract.

Spring Hill
USD 230
SCHOOL DISTRICT

2021 Median Rent

List of Schools

1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

▲ Spring Hill Early Learning Academy
■ Elementary School
● Middle School
◆ High School
★ Administrative Center

District Boundary
County Boundary
Park
Golf

2021 Median Rent

- $ 0
- < $500
- $500 to $700
- $700 to $900
- $900 to $1,100
- > $1,100

0   0.5   1 Miles

RSP

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

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.

Spring Hill
SCHOOL DISTRICT
USD 230

Growth Areas

List of Schools

1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

▲ Spring Hill Early Learning Academy
■ Elementary School
● Middle School
◆ High School
★ Administrative Center

▭ District Boundary
▭ County Boundary
▦ Park
▭ Golf

Growth_Area

▪ Current
▪ 5 Year
▪ 10 Year

0   0.07 0.15 Miles

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

RSP

Boulder Hills
Boulder Hills Townhomes
Nw Corner 175Th & Lackman Rd (APT)
Day 3 Holdings
Chapel Hill 1-3
Chapel Hill - 4-6
Homes at Wolf Creek
Wolf Run
Wolf Creek Meadows & South Pointe
Graystone Development

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.

List of Schools

1. Spring Hill Early Learning Academy
2. Dayton Creek Elementary School
3. Prairie Creek Elementary School
4. Spring Hill Elementary School
5. Timber Sage Elementary School
6. Wolf Creek Elementary School
7. Forest Spring Middle School
8. Spring Hill Middle School
9. Woodland Spring Middle School
10. Spring Hill High School

Legend & Mapping Elements

▲ Spring Hill Early Learning Academy
■ Elementary School
● Middle School
◆ High School
★ Administrative Center

▢ District Boundary
▢ County Boundary
▢ Park
▢ Golf

Growth_Area
▢ Current
▢ 5 Year
▢ 10 Year

0   0.13   0.25 Miles

Data provided by Johnson & Miami Counties, Spring Hill School District, DASC, AIMS, & ESRI.
Map created December 2023 by RSP & Associates.

Development Table (All)

RSP Plan Area Name	Type	Growth Area	Existing Units	Potential Units
Boulder Springs	SF	Current	121	28
Brookwood Farms	SF	Current	95	18
Crossing at Spring Hill	SF	Current	9	91
Dayton Creek Sub phase 6	SF	Current	63	246
Dayton Creek Sub, phase 1-5	SF	Current	151	21
Nottington Creek	SF	Current	248	20
Woodland Crossing	SF	Current	51	113
Terra Vista Development	TH	Current	8	85
Stonebridge Crossing	MF	Current	0	128
Stonebridge Park 3rd	SF	Current	191	19
Stonebridge Pointe	SF	Current	60	100
Stonebridge Trails 3rd	SF	Current	127	29
Maplewood Valley	SF	Current	0	51
Plaza Village	SF	Current	0	13
The Ridge at Oak Woods	SF	Current	52	165
The Villas/Village of Oak Woods	TH	Current	84	68
Nw Corner 175Th & Lackman Rd (APT)	MF	Current	35	43
Boulder Creek	SF	Current	154	63
Boulder Creek subdivison	SF	Current	110	50
Chapel Hill 1-3	SF	Current	452	72
Heather Ridge Estates	SF	Current	25	25
Heather Ridge South	SF	Current	123	36
Hilltop Farms (Single-Family)	SF	Current	0	207
Homes at Wolf Creek	SF	Current	32	177
Parkside Reserve	SF	Current	18	366
Stonebridge	SF	Current	39	186
Stonebridge South Phase 1 and 2	SF	Current	9	63
Wolf Creek Meadows & South Pointe	SF	Current	158	167
Wolf Run	SF	Current	38	183
Boulder Hills Townhomes	TH	Current	48	37
Chapel Hill - 4-6	TH	Current	32	27
Villa Pointe	TH	Current	0	60
Sycamore Springs Estates - West	V	Current	0	39
Foxwood Ranch	Rural	Current	99	70
Estates of Wolf Creek	SF	Current	102	93
Fox Hollow (Single-Family)	SF	Current	0	357
Garrett Ranch (Single-Family)	SF	Current	0	107
Prairie Ridge at Spring Hill	SF	Current	136	41
Sweetwater Creek	SF	Current	78	15
West of Woodland Ridge	SF	Current	4	146
Woodland Ridge	SF	Current	240	43
Estates of Wolf Creek (Townhomes)	TH	Current	0	100

Plan Area Name	Type	Growth Area	Existing Units	Potential Units
South of Estates Of Wolf Creek - Central	AG	5 Year	0	100
Spring Hill Commons	MF	5 Year	0	732
Wiswell Farms	SF	5 Year	1	387
Woodland Crossing South (Single-Family)	SF	5 Year	0	252
Sunset Acres (Townhomes)	TH	5 Year	0	96
Spring Creek	AG	5 Year	0	100
Avondale Meadows	SF	5 Year	1	287
Day 3 Holdings	AG	5 Year	0	88
Stonebridge South Phase 3	AG	5 Year	0	34
Forest Hills Estates - SE	SF	5 Year	0	150
Hilltop Farms (Tri-Plex)	TH	5 Year	1	99
191st And Renner	AG	5 Year	2	40
South of Estates Of Wolf Creek - East	AG	5 Year	0	300
The Reserves at Sweetwater Flats	MF	5 Year	0	48
West of Future Estates at Wolf Creek	MF	5 Year	0	350
Bridger At 207th	MU	5 Year	0	241
Ridgeview Estates (South)	Mu	5 Year	15	1,082
Large Lots West of Sweetwater Creek	Rural	5 Year	6	150
North of Prairie Ridge at Spring Hill	Rural	5 Year	0	185
Ridge Field	Rural	5 Year	1	185
Ridgeview Estates (North)	Rural	5 Year	8	300
207th St & Renner Rd	SF	5 Year	0	330
West of Estates Of Wolf Creek	SF	5 Year	1	200
Fox Hollow (Townhomes)	TH	5 Year	0	130
Garrett Ranch (Townhomes)	TH	5 Year	1	265
Cedar Niles Rd & W 215th St	AG	10 Year	0	350
Bush Creek Farms (NE)	AG	10 Year	3	300
Bush Creek Farms (NW)	AG	10 Year	0	275
Bush Creek Farms (SE)	AG	10 Year	2	250
Bush Creek Farms (SW)	AG	10 Year	2	300
North of Wolf Creek West Subdivison	AG	10 Year	1	175
Wolf Creek West Subdivison - North	Rural	10 Year	0	290
Wolf Creek West Subdivison (North)	Rural	10 Year	10	150
Wolf Creek West Subdivison (South)	Rural	10 Year	2	300
Graystone Development	SF	10 Year	0	185
Teager Ridge	SF	10 Year	8	150
SW Corner of 199th St & Ridgeview Rd	AG	10 Year	6	300
Current Total			3,192	3,968
5 Year Total			37	6,131
10 Year Total			34	3,025
All Total			3,263	13,124

Source: Johnson County, Miami County

Reside Enrollment Projections By Grade and By School

RESIDE

2024/25 School Year

School	Programing Capacity	PK/PS	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Dayton Creek Elementary	484		53	59	46	46	47	49								300
Prairie Creek Elementary	484		70	61	79	71	88	75								444
Spring Hill Elementary	484		77	70	65	77	101	81								471
Timber Sage Elementary	484		67	79	70	76	68	80								440
Wolf Creek Elementary	484		51	64	54	42	50	52								313
Early Childhood Center	301	122														122
Spring Hill Middle	528								101	103	93					297
Woodland Spring Middle	528								122	125	92					339
Forest Spring Middle	528								107	102	91					300
Spring Hill High	1,238											312	274	269	264	1,119
DISTRICT TOTALS	5,543	122	318	333	314	312	354	337	330	330	276	312	274	269	264	4,145

Source: RSP & Associates, LLC - December 2023

Over 100% Programming Capacity

RESIDE

2025/26 School Year

School	Programing Capacity	PK/PS	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Dayton Creek Elementary	484		55	56	60	48	48	49								316
Prairie Creek Elementary	484		75	73	64	80	71	94								457
Spring Hill Elementary	484		73	79	72	64	79	102								469
Timber Sage Elementary	484		72	80	91	79	88	77								487
Wolf Creek Elementary	484		51	52	66	56	44	52								321
Early Childhood Center	301	124														124
Spring Hill Middle	528								89	100	101					290
Woodland Spring Middle	528								133	123	124					380
Forest Spring Middle	528								126	112	106					344
Spring Hill High	1,238											279	313	273	266	1,131
DISTRICT TOTALS	5,543	124	326	340	353	327	330	374	348	335	331	279	313	273	266	4,319

Source: RSP & Associates, LLC - December 2023

Over 100% Programming 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 shown with Attend Projections
Note 4: The Enrollment Model assumes ES(PS-5) MS(6-8) and HS (9-12)
Note 5: Each planning area is assigned the 2023/24 boundary
Note 6: School capacity provided by the District as architectural and actual programming
Note 7: Reside is based on the student home address
Note 8: Attend is based on which facility the student attends
Note 9: Res/Att (Reside/Attend) are the students who reside in the attendance area that they have chosen to attend

Reside Enrollment Projections By Grade and By School

RESIDE

2026/27 School Year

School	Programing Capacity	PK/PS	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Dayton Creek Elementary	484		60	58	58	62	51	51								340
Prairie Creek Elementary	484		77	78	75	64	79	75								448
Spring Hill Elementary	484		90	75	81	71	65	79								461
Timber Sage Elementary	484		75	82	89	97	89	96								528
Wolf Creek Elementary	484		56	53	55	68	58	47								337
Early Childhood Center	301	131														131
Spring Hill Middle	528								119	88	99					306
Woodland Spring Middle	528								152	135	122					409
Forest Spring Middle	528								109	131	117					357
Spring Hill High	1,238											333	281	312	269	1,195
DISTRICT TOTALS	5,543	131	358	346	358	362	342	348	380	354	338	333	281	312	269	4,512

Source: RSP & Associates, LLC - December 2023

☐ Over 100% Programming Capacity

RESIDE

2027/28 School Year

School	Programing Capacity	PK/PS	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Dayton Creek Elementary	484		57	64	60	60	65	54								360
Prairie Creek Elementary	484		90	80	81	75	64	84								474
Spring Hill Elementary	484		93	91	77	80	72	66								479
Timber Sage Elementary	484		76	84	90	94	106	95								545
Wolf Creek Elementary	484		62	58	56	58	71	62								367
Early Childhood Center	301	139														139
Spring Hill Middle	528								91	117	87					295
Woodland Spring Middle	528								150	151	133					434
Forest Spring Middle	528								115	115	136					366
Spring Hill High	1,238											341	332	281	308	1,262
DISTRICT TOTALS	5,543	139	378	377	364	367	378	361	356	383	356	341	332	281	308	4,721

Source: RSP & Associates, LLC - December 2023

☐ Over 100% Programming 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 shown with Attend Projections
Note 4: The Enrollment Model assumes ES(PS-5) MS(6-8) and HS (9-12)
Note 5: Each planning area is assigned the 2023/24 boundary
Note 6: School capacity provided by the District as architectural and actual programming
Note 7: Reside is based on the student home address
Note 8: Attend is based on which facility the student attends
Note 9: Res/Att (Reside/Attend) are the students who reside in the attendance area that they have chosen to attend

Reside Enrollment Projections By Grade and By School

RESIDE

2028/29 School Year

School	Programing Capacity	PK/PS	Kind	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Dayton Creek Elementary	484		59	61	66	63	64	69								382
Prairie Creek Elementary	484		94	93	82	81	75	68								493
Spring Hill Elementary	484		85	94	93	75	81	72								500
Timber Sage Elementary	484		72	84	90	94	102	111								553
Wolf Creek Elementary	484		71	65	62	59	61	75								393
Early Childhood Center	301	135														135
Spring Hill Middle	528								83	90	115					288
Woodland Spring Middle	528								146	151	150					447
Forest Spring Middle	528								138	120	119					377
Spring Hill High	1,238											358	342	331	276	1,307
DISTRICT TOTALS	5,543	135	381	397	393	372	383	395	367	361	384	358	342	331	276	4,875

Source: RSP & Associates, LLC - December 2023

Over 100% Programming 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 shown with Attend Projections
Note 4: The Enrollment Model assumes ES(PS-5) MS(6-8) and HS (9-12)
Note 5: Each planning area is assigned the 2023/24 boundary
Note 6: School capacity provided by the District as architectural and actual programming
Note 7: Reside is based on the student home address
Note 8: Attend is based on which facility the student attends
Note 9: Res/Att (Reside/Attend) are the students who reside in the attendance area that they have chosen to attend

Past, Current, and Future Enrollment

Grade	Projected Enrollment												Projected Enrollment									
	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34
PK	88	103	92	86	92	109	104	88	91	94	114	118	122	124	131	139	135	138	141	144	148	152
K	177	184	190	230	229	250	268	288	271	278	278	309	318	326	358	378	381	392	404	414	424	437
1st	187	187	200	193	243	245	268	284	275	318	279	293	333	340	346	377	397	392	400	416	422	437
2nd	175	185	203	209	205	249	251	276	279	304	324	299	314	353	358	364	393	405	409	408	432	435
3rd	191	180	203	215	222	232	274	259	279	305	296	333	312	327	362	367	372	396	413	412	411	435
4th	196	193	188	221	226	236	248	284	237	302	309	316	354	330	342	378	383	387	406	421	420	421
5th	157	203	206	207	230	243	246	259	270	262	323	320	337	374	348	361	395	391	403	418	439	438
6th	169	158	208	217	216	238	257	254	267	299	266	322	330	348	380	356	367	403	392	411	422	448
7th	171	165	158	210	221	217	248	257	257	273	304	271	330	335	354	383	361	368	410	393	419	425
8th	165	171	165	167	209	227	214	245	265	264	272	308	276	331	338	356	384	364	372	412	398	423
9th	162	170	181	172	170	219	224	221	242	278	262	271	312	279	333	341	358	384	365	373	412	393
10th	177	168	177	181	172	162	215	229	211	248	269	268	274	313	281	332	342	359	386	366	375	414
11th	158	175	161	170	174	169	161	216	225	210	243	268	269	273	312	281	331	336	353	379	360	369
12th	138	159	172	169	180	178	179	157	213	219	214	229	264	266	269	308	276	318	323	339	364	350

Optimal Capacity		Grade	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34
	2,721	PK-5	1,171	1,235	1,282	1,361	1,447	1,564	1,659	1,738	1,702	1,863	1,923	1,988	2,090	2,174	2,245	2,364	2,456	2,501	2,576	2,633	2,696	*2,755*
	1,584	6-8	505	494	531	594	646	682	719	756	789	836	842	901	936	1,014	1,072	1,095	1,112	1,135	1,174	1,216	1,239	1,296
	1,238	9-12	635	672	691	692	696	728	779	823	891	955	988	1,036	1,119	1,131	1,195	*1,262*	*1,307*	*1,397*	*1,427*	*1,457*	*1,511*	1,526
	5,543	**District**	2,311	2,401	2,504	2,647	2,789	2,974	3,157	3,317	3,382	3,654	3,753	3,925	4,145	4,319	4,512	4,721	4,875	5,033	5,177	5,306	5,446	*5,577*
		Enrollment Change	59	90	103	143	142	185	183	160	65	272	99	172	220	174	193	209	154	158	144	129	140	131

Sources:
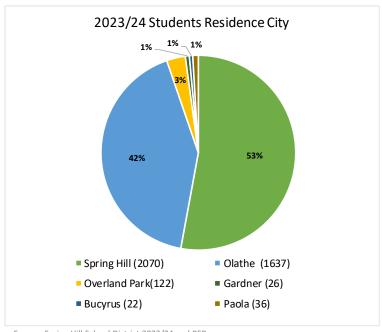
2004/05 to 2023/24 Spring Hill School District

2024/25 to 2028/29 RSP & Associates SFM Projections from the 2023/24 Enrollment 5-Year Projections

2029/30 to 2033/34 RSP & Associates estimates based on past enrollment change factors

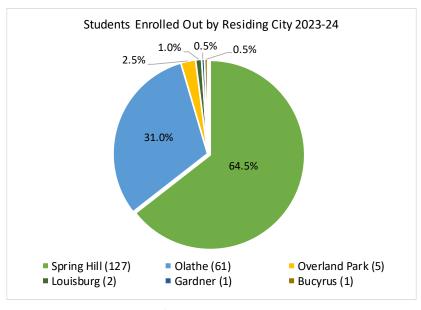# Reside City of Students Residing in District

2023/24 Students Residence City

Spring Hill (2070)   ■ Olathe (1637)
■ Overland Park(122)   ■ Gardner (26)
■ Bucyrus (22)   ■ Paola (36)

Source: Spring Hill School District 2023/24 and RSP

Observations:

❑ Of the students attending Spring Hill Schools in the 2023/24 school year:

❑ 2070 Students reside in the city of Spring Hill (53%)

❑ 1637 Students reside in the city of Olathe (42%)

❑ 122 Students reside in the city of Overland Park (3%)

❑ 36 Students reside in the city of Paola (1%)

❑ 26 students reside in the city of Gardner (1%)

❑ 22 students reside in the city of Bucyrus (1%)

❑ Less than 5 students reside in the following cities: Louisburg (1), Edgerton (1), Fontana (1), Kansas City (2), Leawood (1), Linn Valley (2), Parker (2), Wellsville (1)
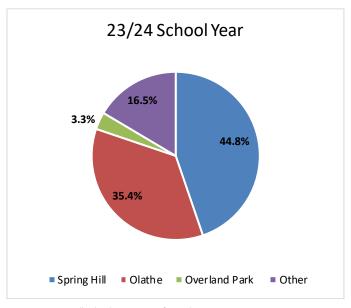
Reside City of Students Enrolling Out of District

Students Enrolled Out by Residing City 2023-24

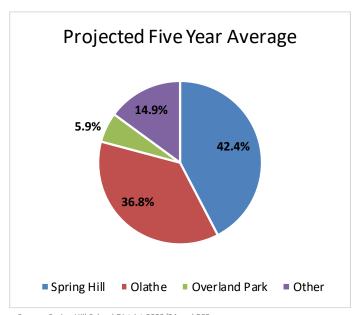Source: Spring Hill School District 2023/24 and RSP

Observations:

❑ In 2023/24 there were 197 students in grades K to 11th who were attending Spring Hill District last year that are no longer attending the district this year.

❑ The number of students enrolling out of the Spring Hill District is lower than it has been in years past. This year the district has retained 76 more students who reside in the district than they did last year.

❑ Of the 197 Students who reside in the district but do not attend school within the district, a majority (64%) reside in the city of Spring Hill

Reside City of Students Enrolling Out of District

23/24 School Year

- 44.8% Spring Hill
- 35.4% Olathe
- 3.3% Overland Park
- 16.5% Other

Legend: ■ Spring Hill ■ Olathe ■ Overland Park ■ Other

Source: Spring Hill School District 2023/24 and RSP

Projected Five Year Average

- 42.4% Spring Hill
- 36.8% Olathe
- 5.9% Overland Park
- 14.9% Other

Legend: ■ Spring Hill ■ Olathe ■ Overland Park ■ Other

Source: Spring Hill School District 2023/24 and RSP

Observations:

❑ City Distribution is based on the planning area in which the students is assigned, not the city at which the students resides. Percentages shown represent enrollment of each planning area assigned a city, percentages do not represent the exact share of students from each city.

  ❑ Only planning areas that had majority of the city limit in the boundary were able to be assigned a city

  ❑ For exact numbers of students residing in each city, slide 77 should be referenced

❑ Based on planning area projected enrollment growth, the percentage of students residing in Spring Hill will decrease while students residing in Olathe and Overland Park will increase

Definitions

- ❏ Cohort: a group of individuals having a statistical factor (such as grade level) in common in a demographic study
- ❏ Out-migration: shows number of students in grade Kindergarten to 11th that are attending the district in the previous year, but were not attending the district in the current year
- ❏ In-migration: shows number of students in grade 1st to 12th that are attending the district in the current year, but were not attending the district in the previous year
- ❏ Yield-rate: ratio of students that attend each school to the number of housing units in that school's attendance area
- ❏ Single-family: a house that is may be fully detached or semi-detached occupied by one household or family
- ❏ Multi-family: a classification of housing where multiple separate housing units for residential inhabitants are contained within one building or several buildings within one complex
- ❏ Town Homes: Side by side housing units that do not meet the definition of single-family houses
- ❏ Mobile Home Park: movable dwelling, 8 feet or more wide and 40 feet or more long, designed to be towed on its own chassis, with transportation gear integral to the unit when it leaves the factory, and without need of a permanent foundation.
- ❏ Vacant Land: means any undeveloped land/ erf within a proclaimed township or a land development area and will continue to be rated as vacant until such time as a certificate of occupancy
- ❏ Mixed-use development: development that blends two or more residential, commercial, cultural, institutional, and/or industrial uses
- ❏ Median Year Built: equal to the middle point of all reported years when each dwelling unit was built based on information from the local assessor's office
- ❏ Median Home Value: equal to the middle point of all reported home values from the assessor's office in the district