

Putting Performance on the Map

Locating Quality Schools
in the Kansas City, Missouri
School District



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Executive Summary

This is a time of momentous change for schools across the country. Shrinking budgets and enrollments accompanied by poor performance create challenges for the education environment. The Kansas City region is not exempt. At the end of the 2009-2010 school year, the Kansas City, Missouri School District (KCMSD) closed, restructured or moved 23 elementary and secondary schools. Three new charter schools opened in 2009-2010 for a total of 27 within the KCMSD boundaries. In addition, teacher and staff lay-offs are frequent occurrences and a number of KCMSD and charter schools are experiencing sanctions related to low-performance. In fact there are few schools, District or charter, that perform at Missouri state standards. This leaves many children who live in the boundaries of the KCMSD without the option of a quality school. *Putting Performance on the Map* presents important data on enrollment, capacity, location, and performance in KCMSD and charter public schools, and addresses the effect of the District's transformation plan on students who live within the KCMSD boundaries.

IFF's fundamental belief and the premise of this report is that all children living within the KCMSD boundaries deserve to attend a school that performs at least at Missouri state standards in the neighborhood where they reside. However, 88 percent of students in the district attend schools, both KCMSD and charter, where performance lags behind this state standard.

The methodology used in this report, developed by IFF in 2003, identifies which zip codes have the greatest need for performing schools. Capacity in better performing schools in each zip code is compared against school enrollment as well as against the total school-age population. This determines how well schools are able to serve students who reside in a given zip code, as well as the potential to serve all children in that zip code. These comparisons create service levels, the percent of students who can be served by these better schools, and service gaps, the number of students who cannot be served by these schools. The service levels and service gaps are then compared and ranked, and the five zip codes with the greatest need are mapped to highlight geographic concentrations of need in KCMSD.

The ranking of need in the district provides critical information to inform community, policymakers, educators, parents, and business leaders on the importance of prioritizing their efforts to ensure that all students living in the KCMSD boundaries have a seat in a performing school.

Key Findings

- KCMSD schools performing at state standard (Level I) can serve 2,704 or 15.4 percent of KCMSD students. To serve all 17,517 KCMSD students residing in the district, the KCMSD needs an additional 14,813 performing seats.
- KCMSD schools performing between 50 and 99 percent of the state standard (Levels II and III) provide 6,534 seats of capacity, which when combined with Level I seats, create a total of 9,238 seats that can serve 52.7 percent of KCMSD students. Even with this additional capacity, the District needs 8,279 performing seats to serve all of its students.
- Without the capacity in KCMSD's selective schools, the District has an even greater need for performing seats. Eighty-one percent of the need in schools that are open to all students, 8,340 of 10,283 seats, is in five zip codes, 64128, 64127, 64130, 64110, and 64124, where the majority of KCMSD students reside.
- The majority of charter school students, 5,490, attend schools that perform below 50 percent of the state standard (Level IV). One charter school meets state standards (Level I) and enrolls 479 students, and 2,518 students attend Level II and III charter schools.
- There are a combined 12,235 seats in Level I-III KCMSD and charter schools. This is enough to serve 47.1 percent of the 26,004 students enrolled in KCMSD and charter schools, and 34.6 percent of the 35,337 school-age children in the district.
- There are no non-selective high schools that meet state standards, and there are only 564 seats in non-selective, Level II-III high schools, all of which are in charter schools.
- There is excess capacity of 4,500 seats in KCMSD's Level I-III schools. Despite the restructuring of schools planned for 2010-2011, there will remain an estimated 3,462 seats of excess capacity in these better performing schools.
- The KCMSD plan, approved in March 2010, will affect 5,300 of the 17,500 students enrolled in KCMSD schools. The plan creates a loss of 1,383 Level I-III seats by closing or restructuring three Level I-III schools, including the absorption of Level I Lincoln College Preparatory Middle School by Lincoln College Preparatory High School. However, the majority of schools to be closed perform below 50 percent of the state standard.

Observations and Action Steps

- The KCMSD plan reduces the financial burden of underused school buildings and attempts to address the challenge of the lowest-performing schools. However, it also reduces the number of seats in better performing schools and leaves empty thousands of others.

Action Step: Fill empty seats in Level I-III schools and encourage all students who are eligible to attend KCMSD's two restructured selective schools.

- The majority of charter school students (5,490 or 64.7 percent) are in a Level IV school. In many communities, charter schools are a model that increases students' access to better public schools, but many of Kansas City's charters have existed for 10 years and are still not able to reach even half of state standard. The Department of Elementary and Secondary Education (DESE) and the charter school sponsors should develop a strategy to close charter schools with consistently poor achievement and consider replacing them with proven or promising new charter models.

Action Step: Accountability measures should be taken to close the lowest-achieving charter schools and replace them with proven or promising new ones. Non-renewal of low-performing charters should be considered by charter school sponsors and facilitated by DESE.

- Charter schools in Kansas City are not coordinated strategically with regard to location and growth plans. Three-quarters of the seats in charter schools in the 2008-2009 school year are located outside the district's high-need zip codes. Charter schools should be an integrated part of overall school reform efforts and/or choice plans, including those led by the KCMSD itself.

Action Step: A strategy for charter school growth should be developed by Kansas City education leaders. Charter schools should only be approved by DESE if they can demonstrate how they intend to fill a geographic need or a specific void in the communities they intend to serve.

- Given the number of low-performing charter schools, the District may attract students back from charters if the transformation goals are met and communicated to parents. By analyzing the role and performance of charter schools, KCMSD can bring together charter school sponsors to ensure that wherever possible the goals of the District are aligned with charter schools.

Action Step: Use excess public school building stock to attract local and national charter school operators – operators that have proven performance records – to specific zip codes in order to ensure access to performing schools throughout the city. KCMSD could sponsor these schools, or work with existing charter school sponsors seeking to replace charter programs slated for closure, to ensure oversight and integration into the broader District plans.

The KCMSD sits at a crossroads. After years of shrinking enrollment and delaying difficult decisions, it faces a financial crisis that is now being confronted by new leadership. But as *Putting Performance on the Map* shows, the KCMSD faces an academic crisis of equal proportion that demands equal commitment and energy. Eighty-five percent of KCMSD students do not attend a school that meets Missouri state standards, and the need for seats in performing schools is concentrated in five zip codes where over half of KCMSD students reside but where there are no schools open to all students that are performing at state standards. At the same time, charter schools are not providing a better alternative to poor-performing District schools, as they do in many other communities. The majority of charter schools in the district are failing to reach even half the state performance standards.

Putting Performance on the Map provides crucial, community-level information that can help the KCMSD, charter school sponsors and operators, and all education stakeholders prioritize and chart a path forward – one that provides children in every KCMSD neighborhood with the performing schools they deserve.

Introduction

Putting Performance on the Map: Locating Quality Schools in the Kansas City, Missouri School District reports the geographic distribution of school performance within the boundaries of the Kansas City, Missouri School District (KCMSD). At a time of momentous change for KCMSD, this report provides baseline data on school-age children, enrollment in District and charter schools, and school performance by zip code in the district. The premise of this report is that all children living within the KCMSD boundaries should be able to attend a school performing at or better than state standards in the neighborhood where they reside.

This report provides a different analysis of school performance and enrollment data than that of the District, with a focus on the location of schools relative to where school-age children in the district live. It also reports data on charter schools, which are independently operated public schools open to any child residing in the district. Finally, this report identifies how the District's plan to close, restructure, or move 23 elementary and secondary schools affects the number of seats in better performing schools across the district.

The shrinking enrollment in KCMSD schools is the result of both declining population in the city as families move to other parts of the metropolitan area, the reduction in the school district boundary, and the migration of students to charter schools. Between 1999 and 2010, 27 charter campuses opened within the district, 24 of which were open during the 2008-2009 school year and are included in this analysis. Thirteen of these schools opened in 1999, the year after the enactment of Missouri's charter school law. Today, roughly one-third of public school students within the boundaries of KCMSD attend a charter school.

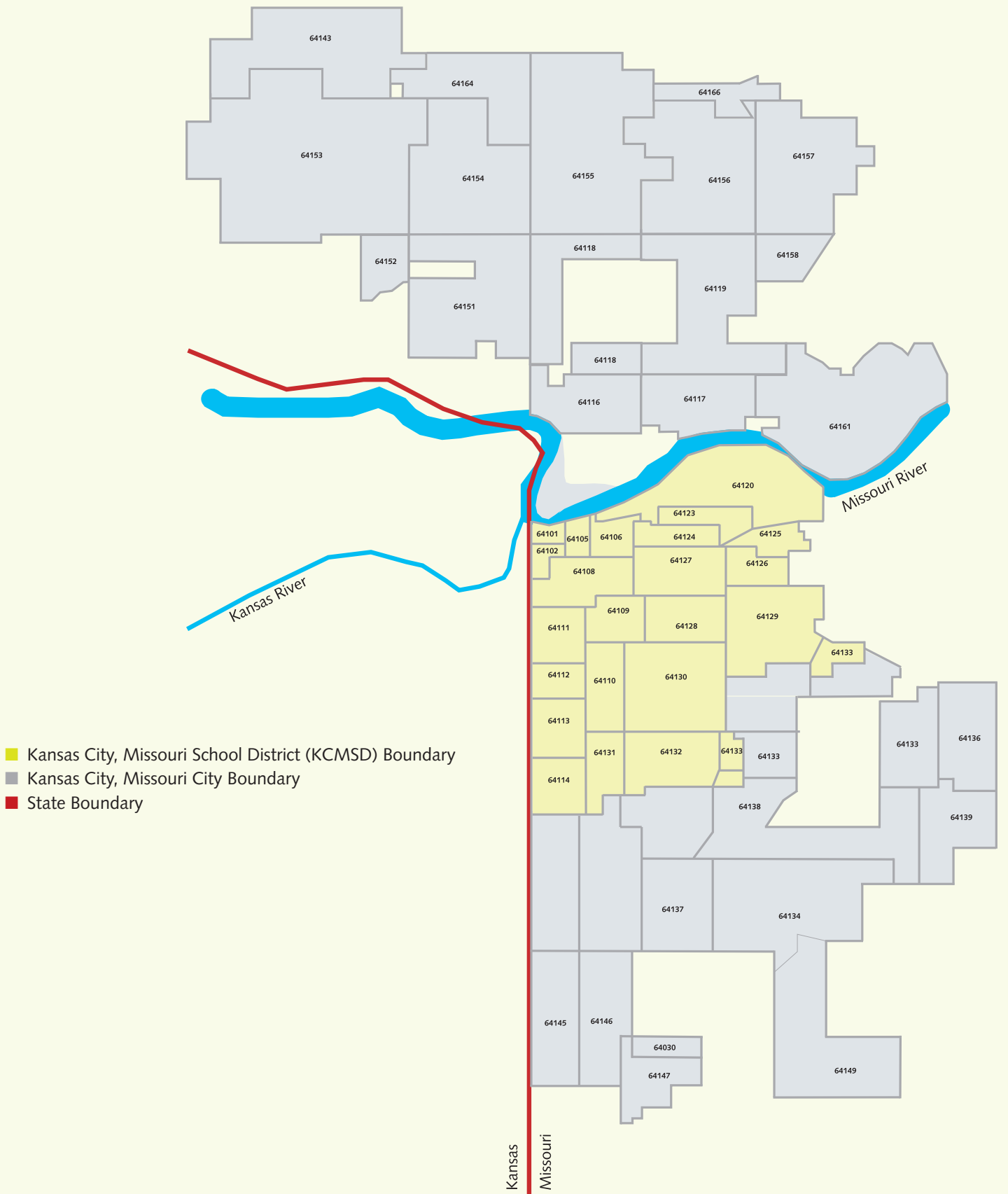
Despite diversity among the types of schools in the district, 88 percent of KCMSD and charter students attend schools where performance lags behind the 2008 Missouri state standard, which requires that approximately half the students in a school reach proficient or above on standardized exams in Communication Arts and Mathematics.

This analysis delineates where children in the district reside and whether or not they have access to a school that reached just 50 percent of the Missouri state standard, which is approximately one-quarter of students reaching proficient or above in both Communication Arts and Mathematics in 2008-2009.

The following analysis is based on a methodology developed by IFF in 2003 and used to study schools in Chicago, St. Louis, Milwaukee, and Denver. It is a point-in-time analysis that captures the geographic need for performing schools based on enrollment during the 2008-2009 academic year. This study also looks at the effect of KCMSD's "right-sizing" plan on the configuration of schools in the district and the distribution of performing schools.

Putting Performance on the Map complements KCMSD's recent work by aggregating data at the zip code level and including comprehensive individual profiles of each zip code with detailed data on enrollment in KCMSD and charter schools. This report documents KCMSD and charter schools by geography, and in doing so, will provide essential information to allow the Kansas City, Missouri community to create quality schools for all children in the KCMSD boundaries.

Map 1 Kansas City, Missouri and Kansas City, Missouri School District (KCMSD) Boundaries



Enrollment and Demographic Overview

School-Age Children

An estimated 35,337 children between the ages of four and 17 reside within the KCMSD boundaries. In 2008, the U.S. Census estimated that almost 452,000 people lived in Kansas City, Missouri, with approximately 208,000 within the KCMSD boundaries, which encompasses about one-third of the city area (Map 1). School-age children account for 17 percent of the total estimated population in the district.

KCMSD is only one district among several that serve families residing in the greater Kansas City, Missouri metropolitan area. Map 1 illustrates the size and position of KCMSD within the Kansas City, Missouri municipal boundaries. While KCMSD and the charter schools located within its boundaries are the focus of the following analysis, the District could also be evaluated with the other school districts serving students in other parts of the city.

KCMSD enrolled a total of 17,591 students from kindergarten through grade 12 during the 2008-2009 school year. These students enrolled in one of 59 schools operating during the 2008-2009 academic year. There were 13,076 children enrolled in elementary school and 4,515 children in high school.

During the same year, charter schools operating in the district enrolled an additional 8,487 students, 24 percent of the district's

school-age population. Students enrolled in one of 24 different campuses operated by 18 charter school entities. There were 6,804 children in charter elementary schools and 1,683 in charter high schools.

Table 1 shows that 73.7 percent of the school-age population residing in the district attend a KCMSD or charter school, with approximately half of the school-age population in the district enrolled in KCMSD schools and an additional quarter of this population in charter schools. However, the percent of school-age children enrolled in KCMSD and charter schools declines significantly from elementary to high school. While 81 percent of elementary school-age children living in the district are enrolled in KCMSD and charter schools, fewer than 60 percent of high school-age children are enrolled in these schools. Variations in participation by the two age groups may be attributed to a high dropout rate and attrition to private secondary schools.

The combined KCMSD and charter school enrollment is 26,078 students, 26,004 of whom live within the district. District schools enroll 67.5 percent of these students and charter schools enroll the remaining 32.5 percent. The almost 10,000 remaining school-age children in the district attend private or parochial schools, or are homeschooled.

Table 1: 2008-2009 Enrollment in KCMSD and Charter Schools by Residence and Grade Division

	School-Age Population in KCMSD Boundaries	District Residents Enrolled in KCMSD Schools	Charter School Enrollment	Non-Resident Enrollment	Total KCMSD & Charter School Enrollment	Percent of School-Age Population Enrolled by School Type
Elementary	24,533	13,024	6,804	52	19,880	81.0%
High School	10,804	4,493	1,683	22	6,198	57.4%
Total	35,337	17,517	8,487	74	26,078	73.7%

Enrollment by School Type

Students attend five types of public schools within the KCMSD boundaries:

- KCMSD neighborhood schools with designated attendance boundaries
- KCMSD signature schools that have magnet or special programs
- KCMSD selective schools with admissions requirements
- KCMSD alternative schools for students struggling with acute academic, legal, discipline, personal, and/or social circumstances
- Charter schools, some of which have geographic enrollment preferences, but none of which have admission requirements.

The exception is the Afrikan Centered Education (ACE) Collegium elementary, middle, and high schools that are operated under a special contract with KCMSD.¹ ACE schools are considered signature schools for the purposes of this analysis. Table 2 reports the number and enrollment for each school type.

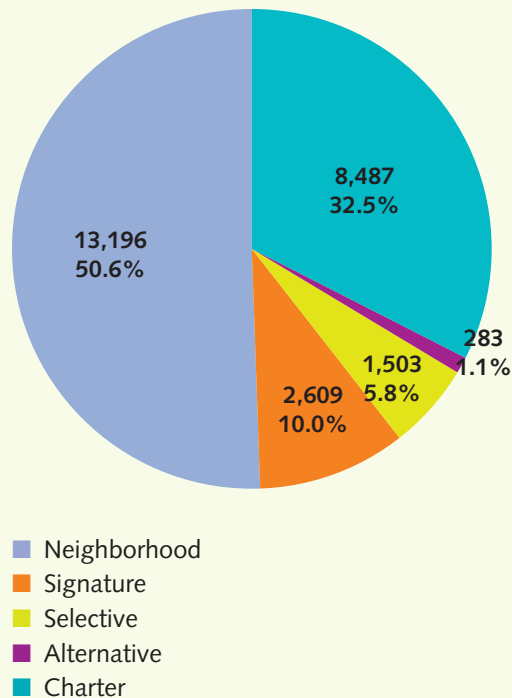
¹ ACE schools are operated by the Afrikan Centered Education Taskforce, Incorporated, which serves as a liaison to the District and the community.

Table 2: 2008-2009 KCMSD and Charter Schools by Type, Enrollment, and Percent of System-wide Enrollment

	School Count	Enrollment	Percent of System-wide Enrollment
Neighborhood	42	13,196	50.6%
Signature	10	2,609	10.0%
Selective	3	1,503	5.8%
Alternative	4	283	1.1%
Charter	24	8,487	32.5%
Total	83	26,078	100%

A total of 83 KCMSD and charter school campuses operated during the 2008-2009 school year, 59 District schools and 18 charter schools with 24 campuses. However, seven KCMSD schools and one charter school, all of which were Level IV, were closed at the end of the 2008-2009. Forty-two of the KCMSD schools, approximately two-thirds, are neighborhood schools with attendance areas in geographic proximity to the schools. There are also 10 signature schools, including the three ACE campuses, and three selective schools. The remaining four schools are alternative schools, including one for pregnant students and teenage parents.

Figure 1: 2008-2009 KCMSD and Charter School Enrollment by School Type as a Percent of System-wide Enrollment



Glossary

District and district

'District' refers to the Kansas City, Missouri School District (KCMSD), whereas 'district' is a general reference to the boundaries of the KCMSD.

Neighborhood School

A KCMSD school that has a defined attendance boundary but is still open to all students. These schools are considered non-selective in this analysis.

Signature School

A KCMSD school that is open to all children and enrolls students from across the district. Signature schools often have specialized curricula including language or Montessori programs. These schools are considered non-selective in this analysis.

Selective School

A KCMSD school that has academic or audition requirements for admission, and therefore, does not have open enrollment for all students.

Alternative School

A KCMSD school that caters to a specific population and therefore, does not have open enrollment for all students. These schools are considered 'selective' in this analysis.

Charter School

An independently-operated public school that is open to all students. Some charter schools have geographic enrollment preferences. These schools can be sponsored by the University of Missouri-Kansas City, the University of Central Missouri-Warrensburg, the University of Missouri-Columbia, the Metropolitan Community College-Penn Valley, the Kansas City, Missouri School District (KCMSD), or the Missouri Department of Elementary and Secondary Education (DESE).

MAP

Missouri Assessment Program. A standardized exam taken by public school students in Missouri.

State Standard

51 percent of students proficient or above in Communication Arts and 45 percent of students proficient or above in Mathematics in 2008.

Performance Levels

Level I- A school that met or exceeded the state standard on the MAP Communication Arts and Mathematics exams in 2008-2009.

Level II- A school that scored between 75 and 99 percent of the state standard on the MAP Communication Arts and Mathematics exams in 2008-2009.

Level III- A school that scored between 50 and 74 percent of the state standard on the MAP Communication Arts and Mathematics exams in 2008-2009.

Level IV- A school that scored below 50 percent of the state standard on the MAP Communication Arts and Mathematics exams in 2008-2009.

Capacity

The number of students a program or building is designed to serve. For charter schools enrollment serves as a proxy for capacity.

Level I-III Capacity

The number of seats in schools that met or exceeded 50 percent of the state standard on the MAP exams in the 2008-2009 school year.

District-wide Capacity

The total number of seats in all KCMSD and charter Level I-III schools.

Current Enrollment

The number of students enrolled in non-selective KCMSD schools that reside in a geographic area for the 2008-2009 school year.

Potential Enrollment

The total number of school-age children that reside within the district boundaries.

Service Level

The percentage of potential or current enrollment that can be served by the Level I, II, or III capacity located in the geographic unit of analysis.

Service Gap

The total number of students that cannot be served by a Level I, II or III school in a given geographic unit of analysis.

Methodology

The primary goal of this needs assessment is to set geographic priorities for school reform. These priorities cannot be set without understanding school performance, location, and distribution of schools. The need determined by the analysis is relative because the method takes into account not only the demand (i.e., the number of school-age children) and the supply (i.e., the number of seats in schools that perform at state standards), but also location and enrollment.

The method relies on the following data for KCMSD and charter schools:

- School-age population
- Enrollment by zip code
- School performance
- School location
- School capacity
- Attendance areas for KCMSD schools with boundaries

KCMSD provided data on District school enrollment, capacity, and attendance boundaries, as well as location and performance data for both District and charter schools. Charter school enrollment data were provided by the charter school operators or collected from public information sources. School-age population data are based on 2009 estimates compiled by the Environmental Systems Research Institute, Inc. (ESRI).

Study Geography

This study focuses on where there is the greatest need at the zip code level rather than the individual school or district levels. The data on children and schools are aggregated at the zip code level for the 24 zip codes comprising the KCMSD boundaries. The study geography is depicted in Map 2, which identifies the 20 zip code areas into which the zip codes were combined.² Some of the zip codes in the analysis do not fall entirely within the KCMSD boundaries.

Measuring School Performance

In order to determine which areas have the greatest need for performing schools, IFF's methodology differentiates the schools in each zip code based on their academic performance. IFF used the 2008 Missouri state standards on the Missouri Assessment Program (MAP) exams to capture point-in-time performance for each school, rather than analyzing longitudinal progress through the state's Adequate Yearly Progress (AYP) goals. These standards were 51 percent of a school's students scoring

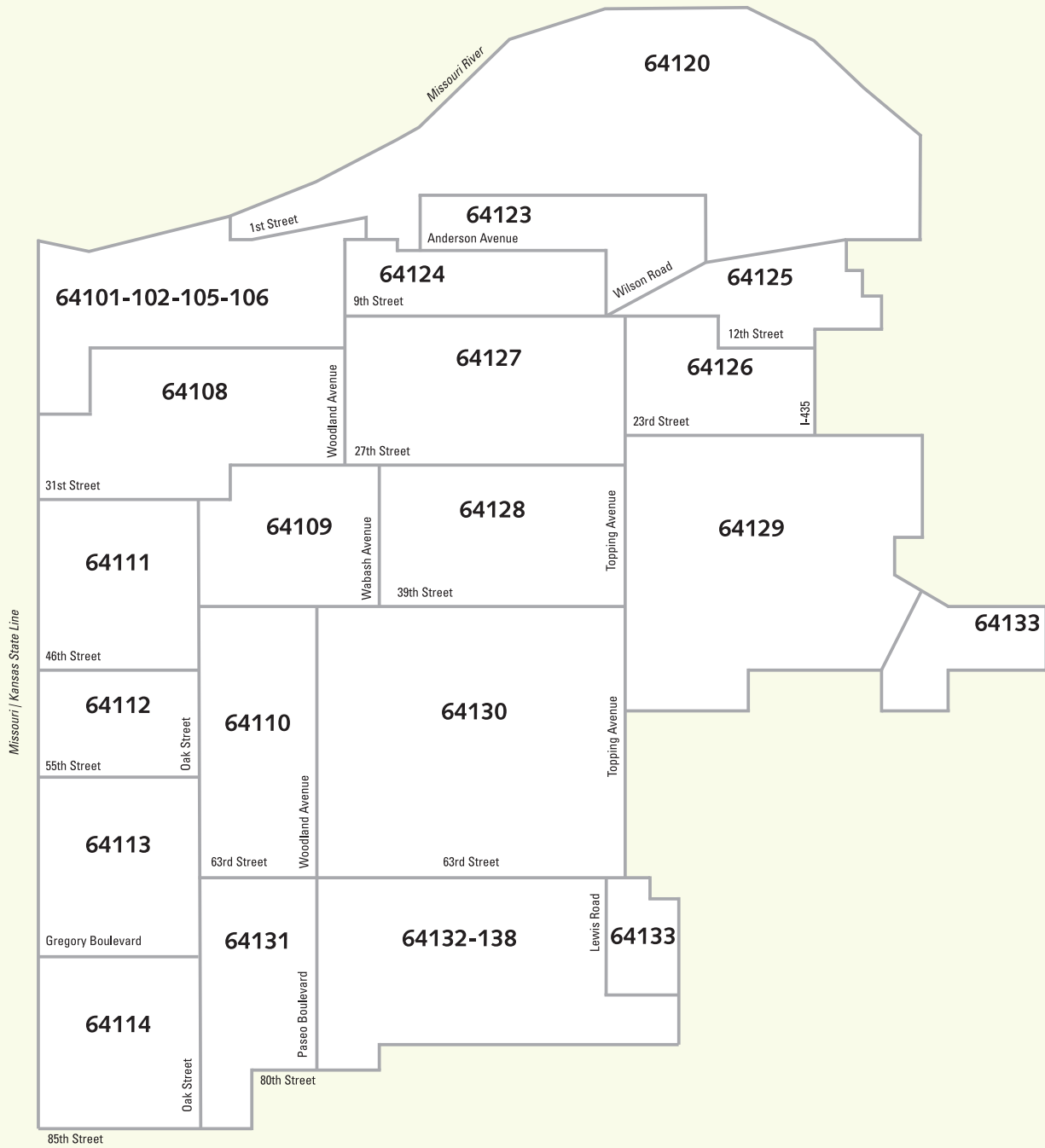
proficient or advanced in Communications Arts and 45 percent of students scoring proficient or advanced in Mathematics. If a school meets these state standards, it is considered performing. However, so few KCMSD and charter schools in the district met Missouri state standards in 2008-2009 that IFF included schools that met between 50 and 99 percent of the state standard in the analysis in order to better analyze the relationship between performance, capacity, and location for more schools in the system.

For purposes of this analysis, IFF categorized all District and charter schools into four levels relative to their MAP scores. Each school's aggregate score on the MAP in Communication Arts and Mathematics was used. Level I schools are at the Missouri state standard or above. Levels II and III are schools that perform at least at 75 percent and 50 percent of the state standard, respectively. Level IV schools are those that do not achieve even 50 percent of the state standard and in which fewer than one-quarter of students scored proficient or above on the MAP exams. (See Appendix B for a complete list of schools by level.) If a school reached two separate levels between the two exams, the school is categorized in the lower level. For example, if a school reaches Level I in Communication Arts but Level II in Mathematics, it is considered a Level II school.

The first step in the study methodology is to distinguish between the capacity in the schools that met the criteria for Levels I-III and Level IV schools. The Level I-III capacity, the number of seats in schools in these three levels, is compared against the geographic areas where the school-age children reside.

² Zip codes 64101, 64102, 64105, and 64106 were combined into one zip code area. Zip codes 64132 and 64138 were combined into one zip code area. Small portions of zip codes 65052 and 65053 that fall within the KCMSD boundary were added to zip codes 64129 and 64120, respectively.

Map 2 Study Geography: Kansas City, Missouri School District Boundary and Zip Codes



Zip Code Area Boundary

District-wide and Zip Code-Level Analyses

In this analysis, the capacity in Level I-III schools is analyzed in two different ways: at the district level and at the zip code level. The school capacity in these schools, which is the number of seats available, is used instead of enrollment because it more accurately captures how many students a school can potentially serve, rather than how many students it actually serves.

The analysis uses two different population measures when evaluating the demand, or need, for seats in better performing schools: Current Enrollment and Potential Enrollment.

- Current Enrollment – the number of students residing in a geographic area (district or zip code) who attend a KCMSD or charter school.
- Potential Enrollment (i.e., potential demand) – the total population of school-age children, those ages four to 17, residing in a geographic area (district or zip code).

Enrollment by students who reside in the district is used instead of total school enrollment because this analysis seeks to gauge how well KCMSD and charter schools are able to serve students and school-age children who live within the KCMSD boundaries.

The district-level analysis compares capacity in Level I-III schools against enrollment in KCMSD and charter schools as well as against the entire school-age population in the district. This comparison creates a service level, which is the percent of students these schools are able to serve, and a service gap, which is the number of students who are not able to be served by these schools, for the district. These figures determine how many seats in better performing schools are needed across the entire district.

All KCMSD schools, including alternative, selective, and charter schools, are included in the district-level analysis. This level of analysis demonstrates how well all the different types of public schools are able to serve existing and potential students in the district.

The zip code-level analysis focuses on how well KCMSD schools with open enrollment can serve existing students.

Therefore, selective schools with academic or other criteria for admission are excluded from the zip code analysis. Similarly, alternative schools are excluded from the zip code analysis because they are designed to serve special populations. Several signature schools also have restrictive admission requirements, including three Montessori and two foreign language programs that do not admit children mid-career. However, because these programs are open to all school-age children at the beginning of their education, they are included in the analysis.

KCMSD neighborhood and signature schools are considered “non-selective” schools in this report. Charter schools are not included in the zip code analysis because student enrollment by zip code was not available for all of these schools, and therefore their ability to serve students at the zip code level could not be calculated.

The zip code-level analysis compares Level I-III capacity in KCMSD neighborhood and signature schools to the Current Enrollment in all KCMSD schools at the elementary and high school levels, as well as to the Potential Enrollment in each zip code. Current Enrollment and Potential Enrollment service levels and service gaps are then calculated for each zip code. These figures determine how well Level I-III KCMSD schools serve students in the zip code area and how many seats are needed in better performing schools.

The service levels and service gaps for both Current Enrollment and Potential Enrollment for each zip code are then compared and ranked from 1-20 using a weighted average, with one being the area with the greatest need. (See Appendix D for a more detailed methodology.)

Table 3: Level I-IV Criteria for 2008–2009 MAP Exams

	Percent of Missouri State Standard	Percent of Students Proficient or Above on MAP: Communication Arts	Percent of Students Proficient or Above on MAP: Mathematics
Level I	100% or above	> 51%	> 45%
Level II	75-99%	38.25%-50.9%	33.75%-44.9%
Level III	50-74%	25.5%-38.24%	22.5%-33.74%
Level IV	Below 50%	< 25.5%	< 22.5%

Research Results

The following section provides an evaluation of the performance of KCMSD and charter schools in the district against the Missouri state standards on the MAP exam for Communication Arts and Mathematics. It concludes that just six percent of District and charter schools met state standards in both subjects, and only 14.6 percent met state standards in at least one subject. IFF then uses information on school capacity, enrollment, and location to perform a needs assessment that incorporates these data on school performance.

KCMSD and Charter School Performance

The individual scores for all schools in Communication Arts and Mathematics are presented in Figures 2 and 3. Each school's position on the figure is determined by its performance on the 2008-2009 MAP and the Missouri state standard, 51 percent in Communication Arts and 45 percent in Mathematics. Schools with bars to the right of the Missouri State Standard line reached or exceeded the state standard, and are Level I schools. Schools with bars that fall between the Level II and State Standard line scored between 75 and 99 percent of the state standard, and are Level II schools. Schools with bars that fall between the Level III and Level II lines scored between 50 and 74 percent of the state standard, and are Level III schools. Schools with bars that fall to the left of the Level III line scored below 50 percent of the state standard, and are Level IV schools. In Level IV schools, no more than roughly a quarter of the students scored proficient or above on MAP in Communication Arts or Mathematics. Schools that scored at Level III or above in both Communication Arts and Mathematics are indicated with a star.

Performance in Communication Arts

In 2008-2009, eight of the 82 KCMSD and charter schools that took the MAP exam achieved the Missouri state standard in Communication Arts.³ Of these eight schools, only one, Paseo Academy of Performing Arts, failed to perform at Level I-III in Mathematics, meaning that it is a Level IV school.

Figure 2 shows that five of the eight Level I schools performed well above the state standard. There are 11 schools in Level II, about half of which are within five points of the state standard. Fourteen schools are in Level III. The remaining 49 schools fell below 50 percent of the state standard, meaning that fewer than 25.5 percent of their students scored proficient or above on the exam.

Performance in Mathematics

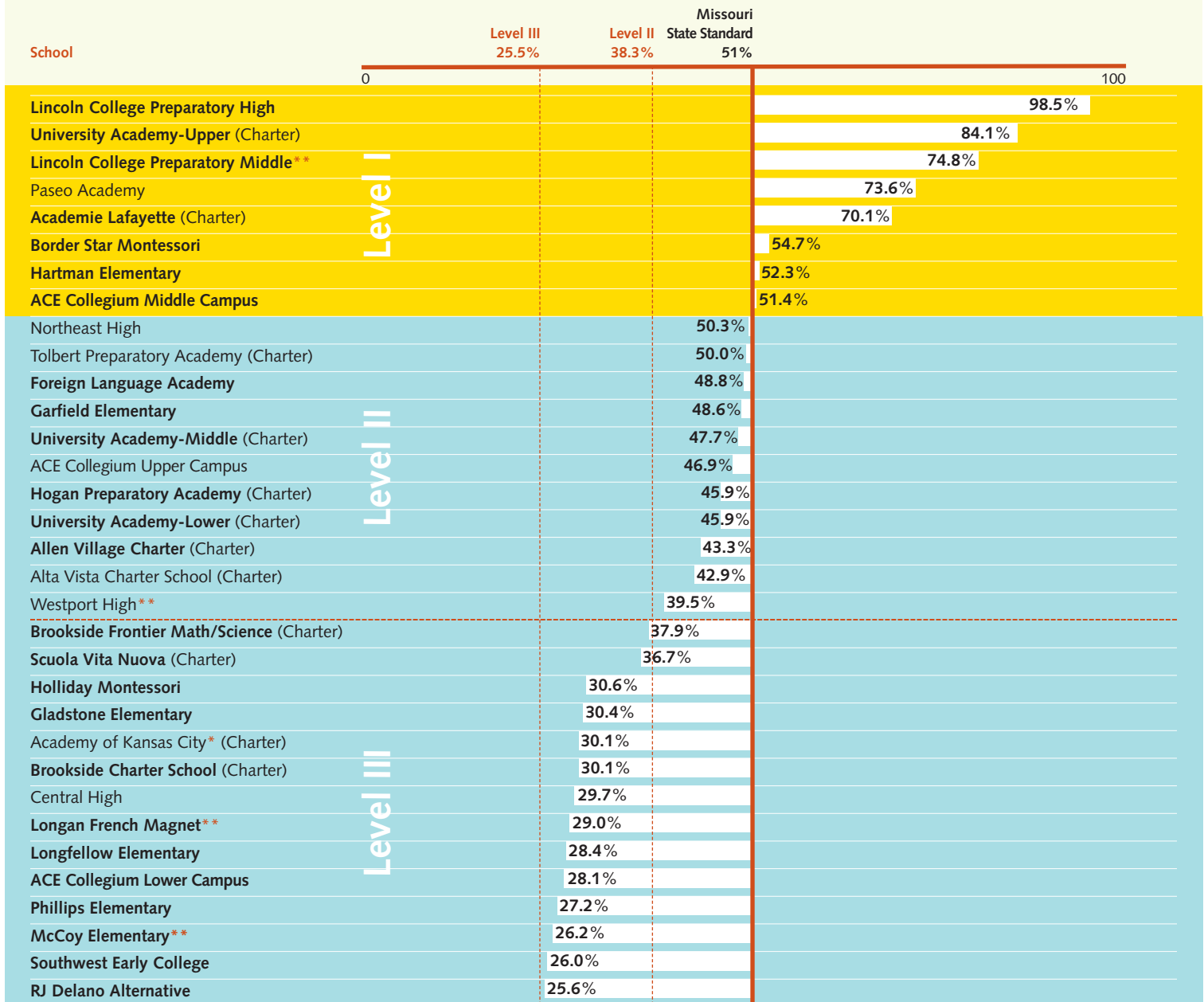
Ten schools met the Missouri state standard in Mathematics, all of which also met Level III or above in Communication Arts. Five schools exceeded the state standard substantially. Figure 3 shows that there are only three schools in Level II. Another 18 schools met at least 50 percent of the state standard in Mathematics (Level III); six of these did not meet Level III or above in Communication Arts. The remaining 51 schools fell below 50 percent of the state standard, meaning that fewer than 22.5 percent of their students scored proficient or above on the exam.

³ Students at Southeast High School at Manual did not take the MAP exams in 2008-2009 because the school enrolled grades 11 and 12, which fall out of the MAP testing grade range.

Figure 2

Percent of Students Proficient or Above on 2008–2009 MAP in Communication Arts by Performance Level Criteria and Relative to the Missouri State Standard

Percent of Students Scoring Proficient or Above in Communication Arts



*School closed at the end of the 2008–2009 school year.

**School closed, moved, or restructured at the end of the 2009–2010 school year.

Schools in bold reached at Levels I–III in both Communication Arts and Mathematics.

Southeast High School at Manual is not included on this list because in 2008–2009 it enrolled students in grades 11–12, and MAP exams test students through grade 10.

Figure 2 continued

Percent of Students Proficient or Above on 2008–2009 MAP in Communication Arts by Performance Level Criteria and Relative to the Missouri State Standard

Percent of Students Scoring Proficient or Above in Communication Arts

School	Missouri State Standard	
	Level III 25.5%	Level II 38.3%
	0	100
Derrick Thomas Elementary (Charter)	24.7%	
East High School	24.5%	
Swinney Elementary**	23.6%	
Woodland Elementary**	22.4%	
KIPP: Endeavor Academy (Charter)	22.2%	
Lee A. Tolbert Community Academy (Charter)	22.0%	
Bryant Elementary*	21.7%	
Rogers Elementary	21.4%	
Trailwoods Elementary	21.4%	
James Elementary	21.3%	
Banneker Elementary	21.1%	
Blenheim Elementary*	20.6%	
Garcia Elementary	20.1%	
Derrick Thomas Middle (Charter)	19.6%	
KCMSA**	19.2%	
West Rock Creek Elementary**	18.9%	
Paige Elementary	18.8%	
Northeast Elementary**	18.0%	
Faxon Montessori**	17.9%	
Imagine Renaissance–Wallace Campus (Charter)	17.8%	
Askew Elementary**	17.2%	
Graceland Elementary*	16.4%	
Knotts Elementary**	16.4%	
Wheatley Elementary	16.3%	
Whittier Elementary	16.3%	
Melcher Elementary	15.7%	
Attucks Elementary	15.5%	
Troost Elementary	14.8%	
Carver Elementary	14.3%	
Urban Com. Leadership Academy (Charter)	13.7%	
Della Lamb Elementary (Charter)	11.8%	
Imagine Renaissance–Kensington Campus (Charter)	11.8%	
B. Banneker Charter Academy (Charter)	11.7%	
Central Middle*	11.4%	
Pinkerton Elementary**	10.8%	
Moore Elementary**	10.5%	
Pitcher Elementary	10.3%	
Northeast Middle at Thatcher*	9.9%	
Ladd Elementary**	9.6%	
King Elementary	9.5%	
Richardson Elementary**	9.2%	
Gordon Parks Elementary (Charter)	7.5%	
Franklin Elementary**	7.4%	
Teenage Parent Center**	7.4%	
Genesis School Inc. (Charter)	7.3%	
Anderson Alternative**	5.0%	
Fairview Alternative*	4.3%	
Don Bosco Education Center (Charter)	2.6%	
Westport Middle*	1.8%	

Level IV

Figure 3

Percent of Students Proficient or Above on 2008–2009 MAP in Mathematics by Performance Level Criteria and Relative to the Missouri State Standard

Percent of Students Scoring Proficient or Above in Mathematics

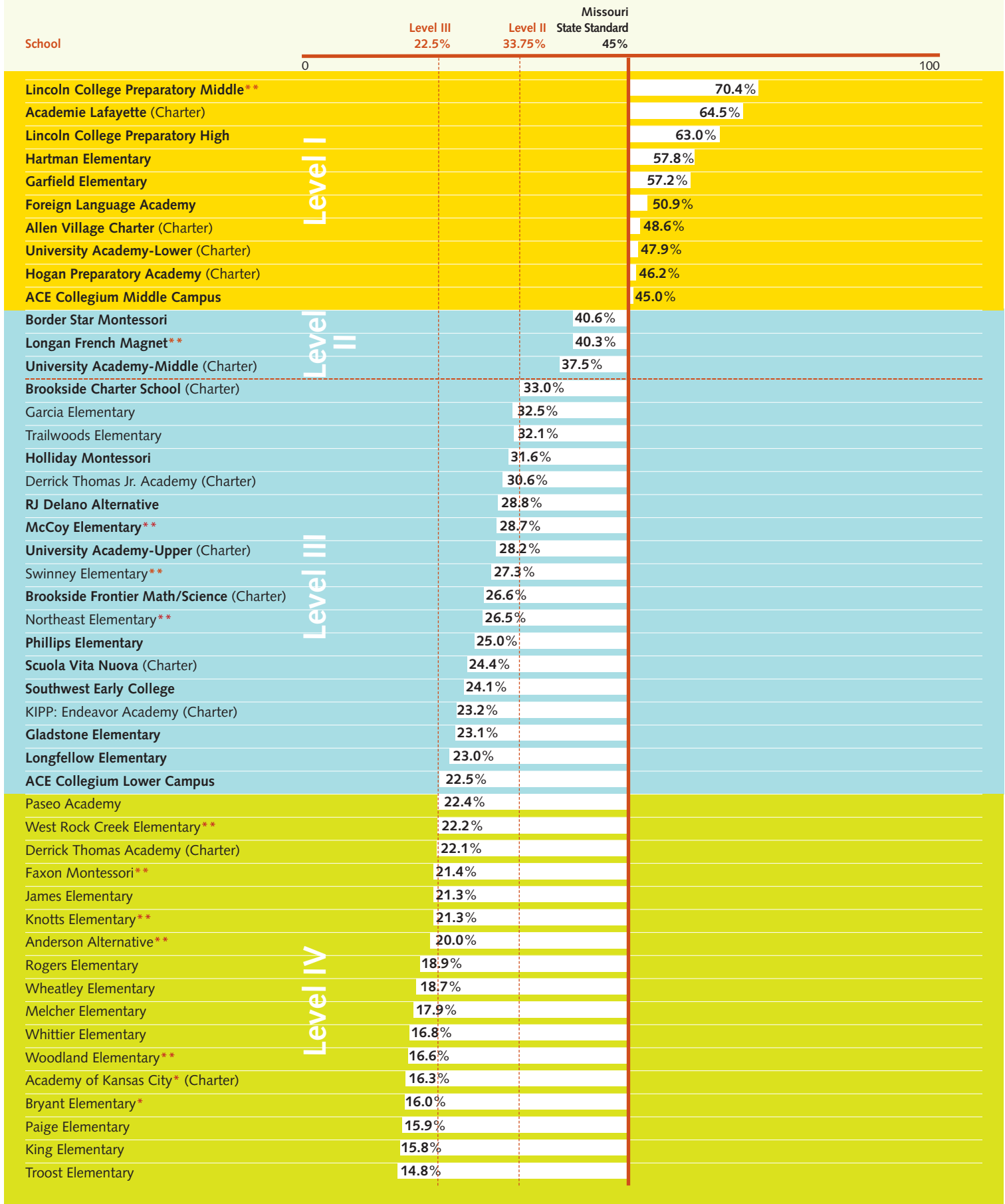


Figure 3 continued

Percent of Students Proficient or Above on 2008-2009 MAP in Mathematics by Performance Level Criteria and Relative to the Missouri State Standard

Percent of Students Scoring Proficient or Above in Mathematics

School	Missouri State Standard		
	Level III 22.5%	Level II 33.75%	45%
	0		100
Banneker Elementary	14.5%		
Blenheim Elementary*	14.3%		
Westport High**	14.0%		
Alta Vista Charter School (Charter)	13.9%		
Northeast High	13.3%		
Imagine Renaissance—Kensington Campus (Charter)	13.2%		
KCMSA**	13.1%		
Carver Elementary	12.6%		
Askew Elementary**	11.3%		
East High School	11.2%		
Lee A. Tolbert Community Academy (Charter)	10.5%		
Attucks Elementary	9.3%		
B. Banneker Charter Academy (Charter)	9.2%		
Richardson Elementary**	9.2%		
Moore Elementary**	8.9%		
Franklin Elementary**	8.7%		
Gordon Parks Elementary (Charter)	7.5%		
Pitcher Elementary	7.2%		
Northeast Middle at Thatcher*	6.8%		
Imagine Renaissance—Wallace Campus (Charter)	6.6%		
Genesis School Inc. (Charter)	6.3%		
Graceland Elementary*	6.0%		
Ladd Elementary**	6.0%		
Della Lamb Elementary (Charter)	5.7%		
Central High	5.4%		
Teenage Parent Center**	5.3%		
Pinkerton Elementary**	4.9%		
Urban Com. Leadership Academy (Charter)	3.7%		
Tolbert Prep. Academy (Charter)	2.5%		
ACE Collegium Upper Campus	2.4%		
Central Middle*	2.4%		
Westport Middle*	1.8%		
Don Bosco Education Center (Charter)	0.6%		
Fairview Alternative*	0.0%		

Level IV

*School closed at the end of the 2008–2009 school year.

**School closed, moved, or restructured at the end of the 2009–2010 school year.

Schools in bold reached at Levels I–III in both Communication Arts and Mathematics.

Southeast High School at Manual is not included on this list because in 2008-2009 it enrolled students in grades 11-12, and MAP exams test students through grade 10.

Level I-IV Schools and Capacity

KCMSD Schools

A total of 16 KCMSD schools reached at least 50 percent of the state standard on both subjects of the MAP exam, including KCMSD's two selective schools and one alternative school. Map 3 shows the locations and performance levels of the KCMSD schools. The 13 non-selective schools comprise the Level I-III capacity of 7,234 seats that is used to complete the zip code analysis. Two of these schools performed at the Missouri state standard (Level I) and have the capacity to serve 820 students. An additional 1,884 students can be served by Level I capacity in the selective Lincoln College Preparatory Middle and High Schools. Forty-three Level IV schools performed below 50 percent of the state standard.

Table 4 and Figure 4 highlight that signature schools have a total capacity of 4,379 seats, 48 percent of the KCMSD Level I-III capacity. This compares with only 2,855 seats, 31 percent, in KCMSD's neighborhood schools. The seats in Delano Alternative and the selective Lincoln College Preparatory schools make up the remaining 21 percent of Level I-III capacity.

Figure 4
2008-2009 Total Level I-III Capacity by KCMSD School Type

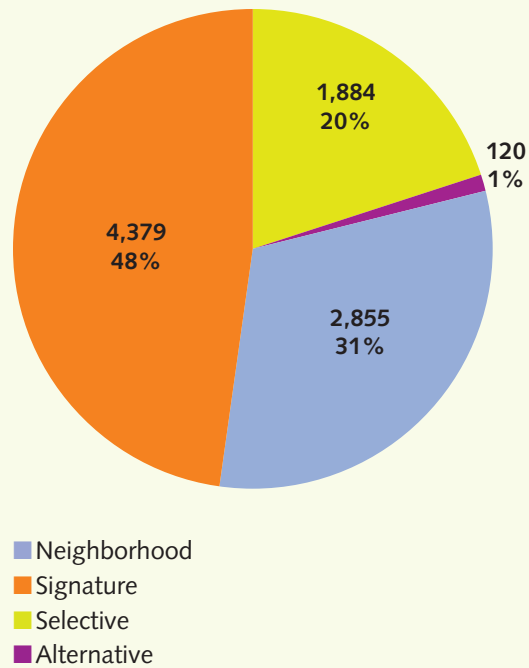
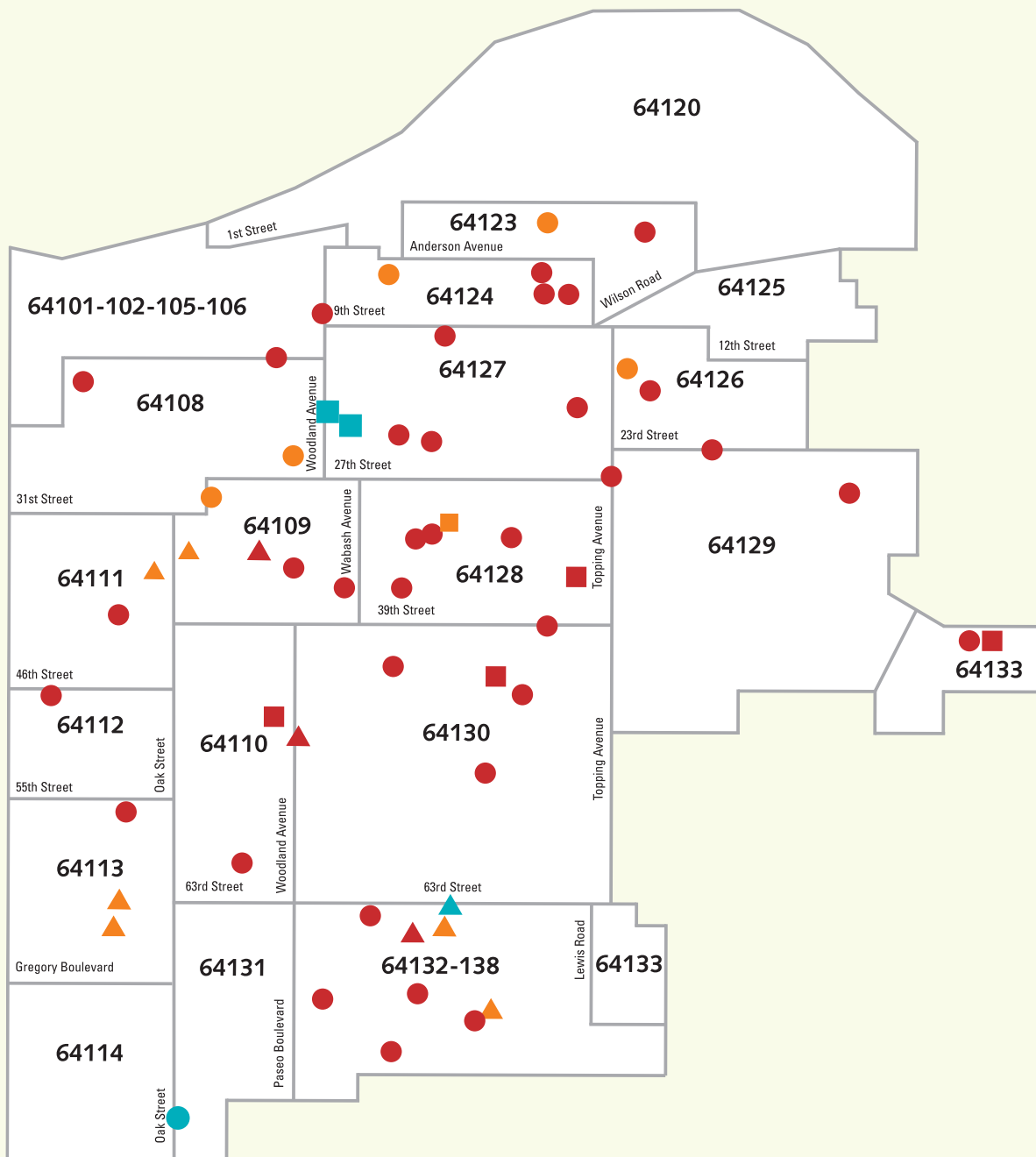


Table 4: 2008-2009 KCMSD School Count and Capacity by Performance Level and School Type

	Level I	Level II	Level III	Total Level I-III Schools	Level I-III Capacity	Level IV Schools	Level IV Capacity
Neighborhood	1	1	4	6	2,855	36	20,509
Signature	1	2	4	7	4,379	3	3,162
Selective	2	0	0	2	1,884	1	1,154
Alternative	0	0	1	1	120	3	828
Total	4	3	9	16	9,238	43	25,653

Map 3 2008-2009 KCMSD Schools by Type and Performance Level



- Neighborhood
- △ Signature
- Selective and Alternative

- Level I
- Level II or Level III
- Level IV

Charter Schools

In 2008, nine charter schools, 37.5 percent of those in the district, were Level I-III and enrolled 2,997 students. The remaining 62.5 percent of charter schools in the district fell below 50 percent of the state standard (Level IV), with fewer than one-quarter of their students performing at proficient or above on the MAP exam. Academie Lafayette is the only Level I charter school and it enrolls 479 students. The eight Level II and Level III charter schools provide 2,518 seats of capacity. As Table 5 illustrates, the 2,997 seats in Level I-III charter schools provide slightly more capacity than the 2,855 seats reported by Level I-III KCMSD neighborhood schools, as shown in Table 4. Map 4 shows the locations and performance levels of the charter schools in the district.

KCMSD and Charter Level I-III Capacity by Grade Division

The Level I-III capacity is overwhelmingly concentrated in the elementary grades, as shown in Figure 5. One hundred percent of the non-selective KCMSD capacity is in grades K-8. There are three Level III charter schools that serve high school students. All of the Level I-III high school capacity in KCMSD is in selective and alternative schools, Lincoln College Preparatory and Delano Alternative, a K-12 school.

Figure 5
2008-2009 Level I-III Capacity by School Type and Grade Division

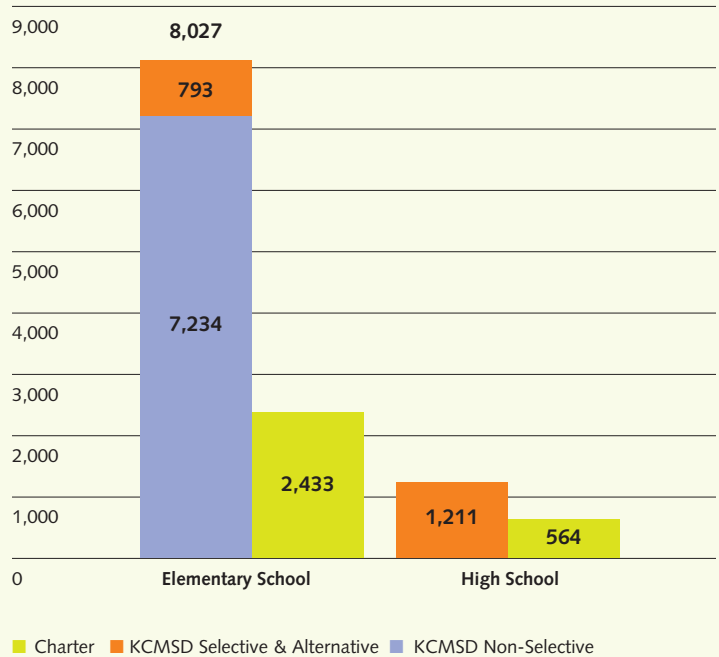
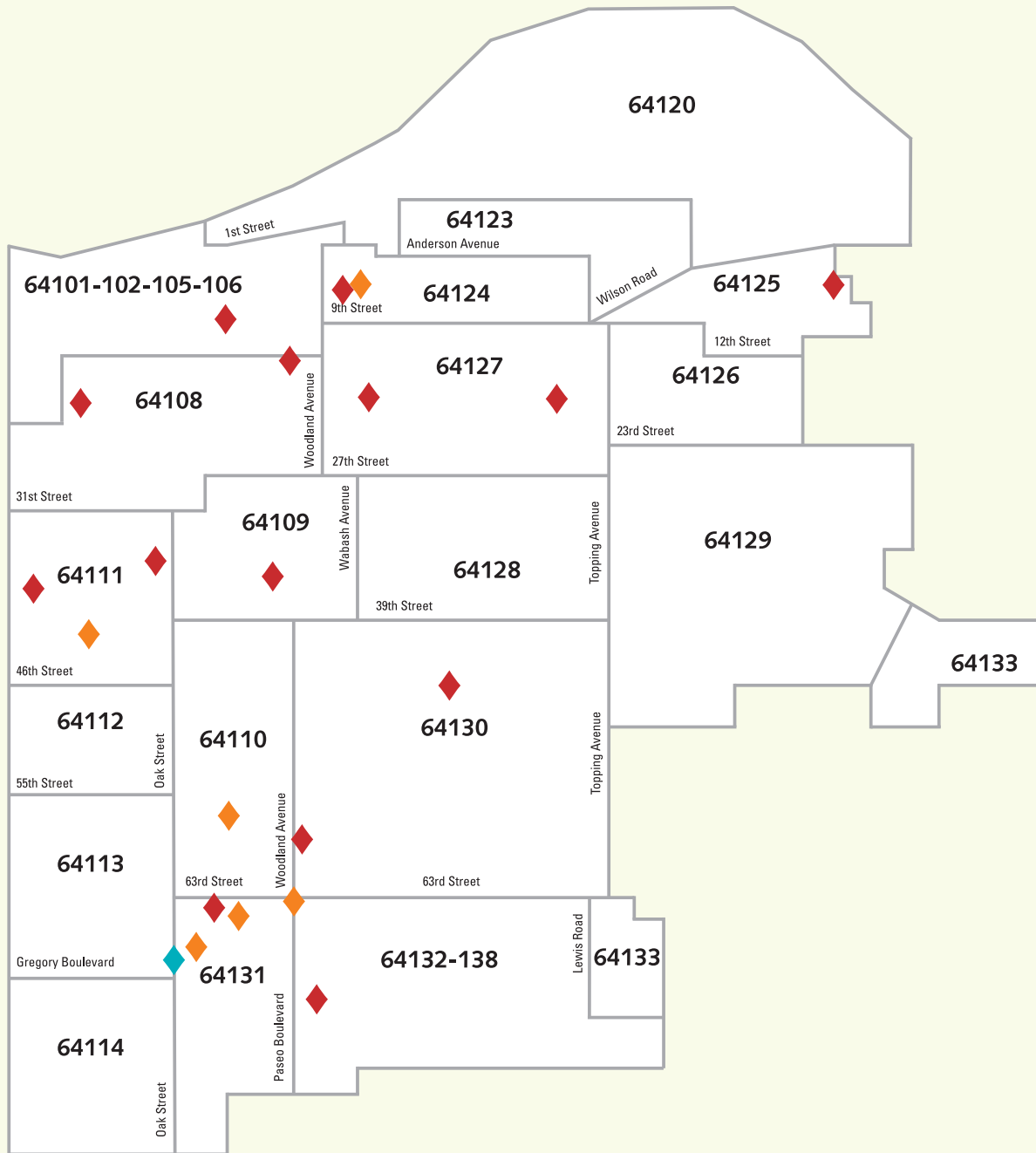


Table 5: 2008-2009 Charter School Count and Capacity by Performance Level

	Total	Level I	Level I as Percent of Total	Level II-III	Level II-III as Percent of Total	Level I-III	Level I-III as Percent of Total	Level IV	Level IV as Percent of Total
Schools	24	1	4.2%	8	33.3%	9	37.5%	15	62.5%
Enrollment	8,487	479	5.6%	2,518	29.7%	2,997	35.3%	5,490	64.7%

Map 4: 2008-2009 Charter Schools by Performance Level



- ◆ Level I
- ◆ Level II or Level III
- ◆ Level IV

District-wide Analysis

Analysis of Level I Schools

Level I Capacity against KCMSD and Charter Enrollment

Figure 6 delineates capacity by level and school type and illustrates that of KCMSD's 2,704 seats of Level I capacity, only 820 are in non-selective neighborhood and signature schools, which can serve fewer than five percent of students enrolled in KCMSD. At full capacity, the four Level I KCMSD schools can serve 15.4 percent of the KCMSD enrollment. Figure 7 shows that the District needs 14,813 seats of performing capacity to ensure that all resident students enrolled in KCMSD schools attend a school that meets state standards.

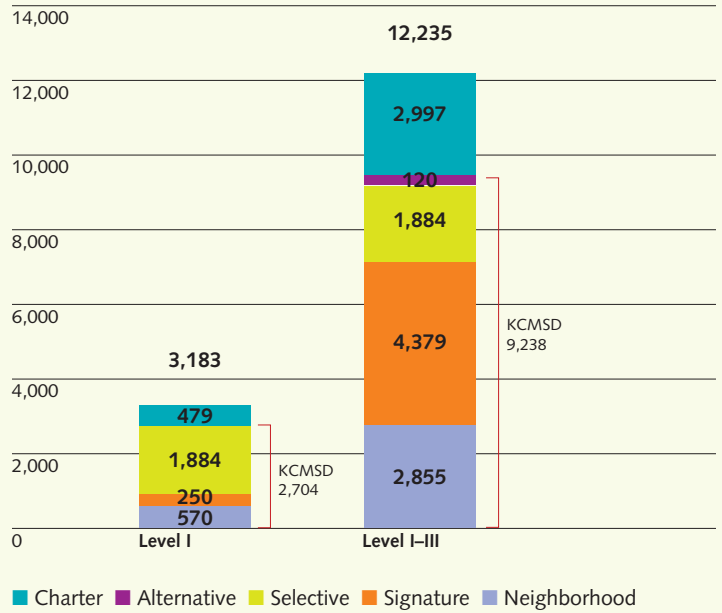
The single Level I charter school, Academie Lafayette, provides an additional capacity of 479 seats (Figure 6), so the combined KCMSD and charter Level I capacity is 3,183 seats. The middle bar of Figure 7 shows that together Level I District and charter schools can serve 12.2 percent of the 26,004 students enrolled in those schools.

Level I Capacity against Potential Enrollment

As Figure 7 illustrates, KCMSD and charter schools need 32,154 Level I seats to provide all school-age children in the district with a seat in a school that performs at state standard.

At the elementary school level, there are an estimated 24,533 school-age children and only 2,012 seats of Level I capacity, enough to serve only 8.2 percent of those children. Lincoln College Preparatory, a selective school and the only high school

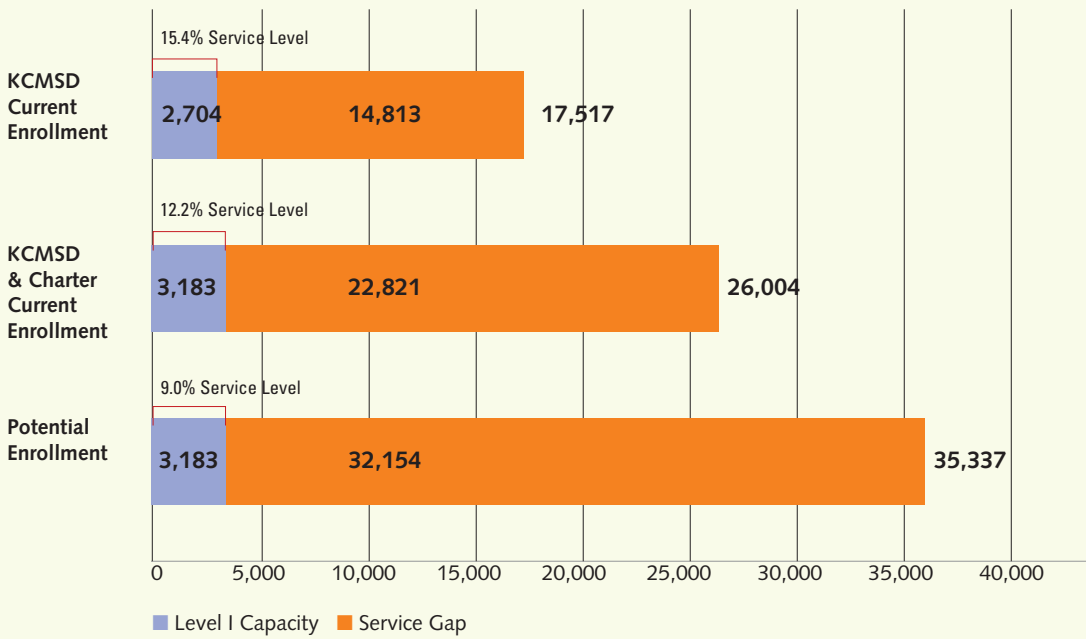
Figure 6
2008-2009 District-wide Level I and Level I-III Capacity by School Type



performing at state standard, can serve 10.8 percent of all high school students when at full capacity, leaving a high school service gap of 9,633 seats. There is no Level I capacity in non-selective KCMSD or charter high schools.

Figure 7

2008-2009 District-wide Level I Capacity by School Type, Service Level, and Service Gap Compared to Current Enrollment and Potential Enrollment



Analysis of Level I-III Schools

Level I-III Capacity against KCMSD School Enrollment

The addition of three Level II and nine Level III KCMSD schools increases capacity in the analysis significantly and provides additional information for planning. These are schools that perform at or above 75 and 50 percent of the state standard, respectively, and rank higher than the 43 schools at Level IV that fall below 50 percent of the state standard. It is important to underscore, however, that in Level II schools only about one-third of students scored proficient or above on the MAP exam, and that percentage drops to a quarter in Level III schools. (See Figures 2 and 3 for individual school MAP scores.) With the addition of 6,534 Level II and III seats, KCMSD can serve 52.7 percent of its enrollment with the combined capacity in Level I-III schools of 9,238 seats (Figure 8), but still requires 8,279 more seats in performing schools to serve all students enrolled in KCMSD.

Level I-III Capacity against KCMSD and Charter School Enrollment

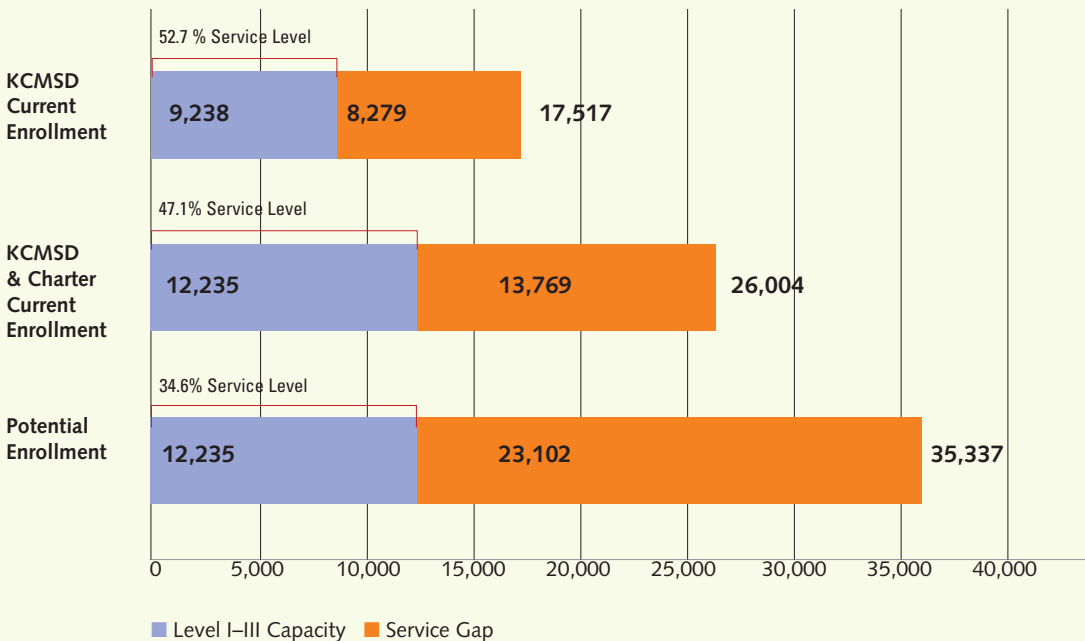
The addition of eight Level II and III charter schools adds a significant number of seats to the capacity. There are four Level II schools and four Level III schools that together enroll 2,518 students. Figures 6 and 8 illustrate that when this charter

capacity is combined with the Level I-III capacity in KCMSD schools, there are 12,235 seats of Level I-III KCMSD and charter capacity and 47.1 percent of students enrolled in these schools can be served. This results in a service gap of 13,769 seats in all District and charter schools. Therefore, even with the additional capacity in Level I-III charter schools, fewer than half of the students in KCMSD and charter schools are in a school that meets at least 50 percent of state standards.

Level I-III Capacity against Potential Enrollment

The third bar in Figure 8 illustrates that 34.6 percent of all school-age children residing in the district can be served by Level I-III capacity in selective and non-selective District and charter schools. Almost 66 percent, 23,102 children, would not have a seat in a Level I-III KCMSD or charter school.

Figure 8
2008-2009 District-wide Level I-III Capacity by School Type, Service Level, and Service Gap Compared to Current Enrollment and Potential Enrollment



In conclusion, only 12.2 percent of students are in Level I schools, leaving 22,821 KCMSD and charter students without a performing seat. There are an additional 9,052 seats in Level II and III KCMSD and charter schools that are approaching state standard, but there is still a service gap of 13,769 Level I-III KCMSD and charter seats.

Capacity versus Enrollment

The analysis on Level I-III capacity assumes that all available seats in the schools with higher scores on the MAP can be occupied. However, most KCMSD schools are under-enrolled, irrespective of performance. Excess capacity in school buildings was an important factor in the decisions made by the District when developing the “right-sizing” plan. For example, the two non-selective schools performing at the state standard, ACE Collegium Middle School and Hartman Elementary, were enrolled at 59 percent and 40 percent of capacity, respectively, and can serve an additional 443 students between them. Although students must meet academic requirements for admission, Lincoln College Preparatory Middle and High schools had a combined total of 882 excess seats.

Table 6: Excess Capacity in Level I-III KCMSD Schools by Type, 2008-2009

School Type	Level I-III Capacity	Level I-III Enrollment	Level I-III Excess	Percent of Capacity Used
Neighborhood	2,855	1,696	1,159	59.4%
Signature	4,379	1,962	2,417	44.8%
Selective	1,884	1,002	882	53.2%
Alternative	120	78	42	65.0%
Total	9,238	4,738	4,500	51.3%

KCMSD Schools

Table 6 summarizes enrollment and capacity figures for the Level I-III schools and finds that neighborhood schools filled 59.4 percent of their seats and signature schools filled 44.8 percent. While some of the excess capacity in the signature schools with language programs may be due to the curriculum, the Montessori schools also had enrollments at 50 percent or less of capacity. An additional 4,500 children from Level IV schools could have enrolled in a Level I-III neighborhood or signature school.

Charter Schools

Due to limited information on the capacity of charter school facilities, this analysis relies on enrollment data of charter schools to estimate capacity, although IFF was able to collect data on 15 of the 24 charter campuses. The self-reported data indicates that some schools are over-enrolled and have waiting lists, while other schools are under-enrolled. In the case of Academie Lafayette, the only Level I charter school, the school appears to have the capacity to serve 81 more children because the academic model does not allow children to enroll mid-career. However, other Level II and III charter schools have over-enrolled their schools. These data are summarized in Table 7.

Table 7: Under-Enrollment and Over-Enrollment in Charter Schools Reporting Enrollment Data, 2008-2009

	Number of Schools	Total Deficit/Excess Seats	Deficit/Excess Seats in Level I-III Schools
Under-Enrolled	7	435	121
Over-Enrolled	8	176	16

KCMSD Zip Code Analysis

The following analysis examines the need for better performing neighborhood and signature schools in the 20 zip code areas that fall within the KCMSD boundaries. It uses the data presented above on Level I-III non-selective KCMSD school performance, location, enrollment, and the district's school-age population to rank each of the zip codes according to its overall need. The analysis prioritizes the zip codes that have the greatest need, based on the number of students residing in that community and their access to Level I-III schools.

KCMSD School Enrollment by Zip Code

KCMSD enrollment rates range from 10 percent or less along the western and northern edge of the district to 80 percent or more in several other zip codes. Table 8 lists the percentage of KCMSD school enrollment by grade division in each zip code. In about half of the Kansas City zip codes, a majority of the school-age population is enrolled in a District school. However, KCMSD school participation drops significantly for high schools.

KCMSD Elementary School Analysis

There were a total of 46 non-selective KCMSD schools that enrolled students in elementary grades during the 2008-2009 school year.⁴ Thirteen of these schools provided 7,234 seats of Level I-III capacity in KCMSD. Map 5 illustrates the percentage of students residing in each zip code area who can be served by these Level I-III schools. The number in each zip code represents the service gap, which is the number of students that cannot be served by a Level I-III school. Numbers in parentheses represent a surplus of seats in Level I-III schools relative to the number of KCMSD students residing in the zip code.

The findings from this analysis of elementary schools are:

- 1) Five zip codes (64112, 64125, 64128, 64129, and 64133) have no Level I-III capacity in elementary schools. Except for 64128, these zip codes have a small number of students attending KCMSD schools.
- 2) Two zip codes, 64110 and 64127, have Level I-III capacity to serve fewer than 10 percent of current students.
- 3) Zip codes 64124, 64126, and 64130 have capacity for approximately one-third of their resident students, but also have large service gaps due to higher populations and the number of students attending KCMSD schools.

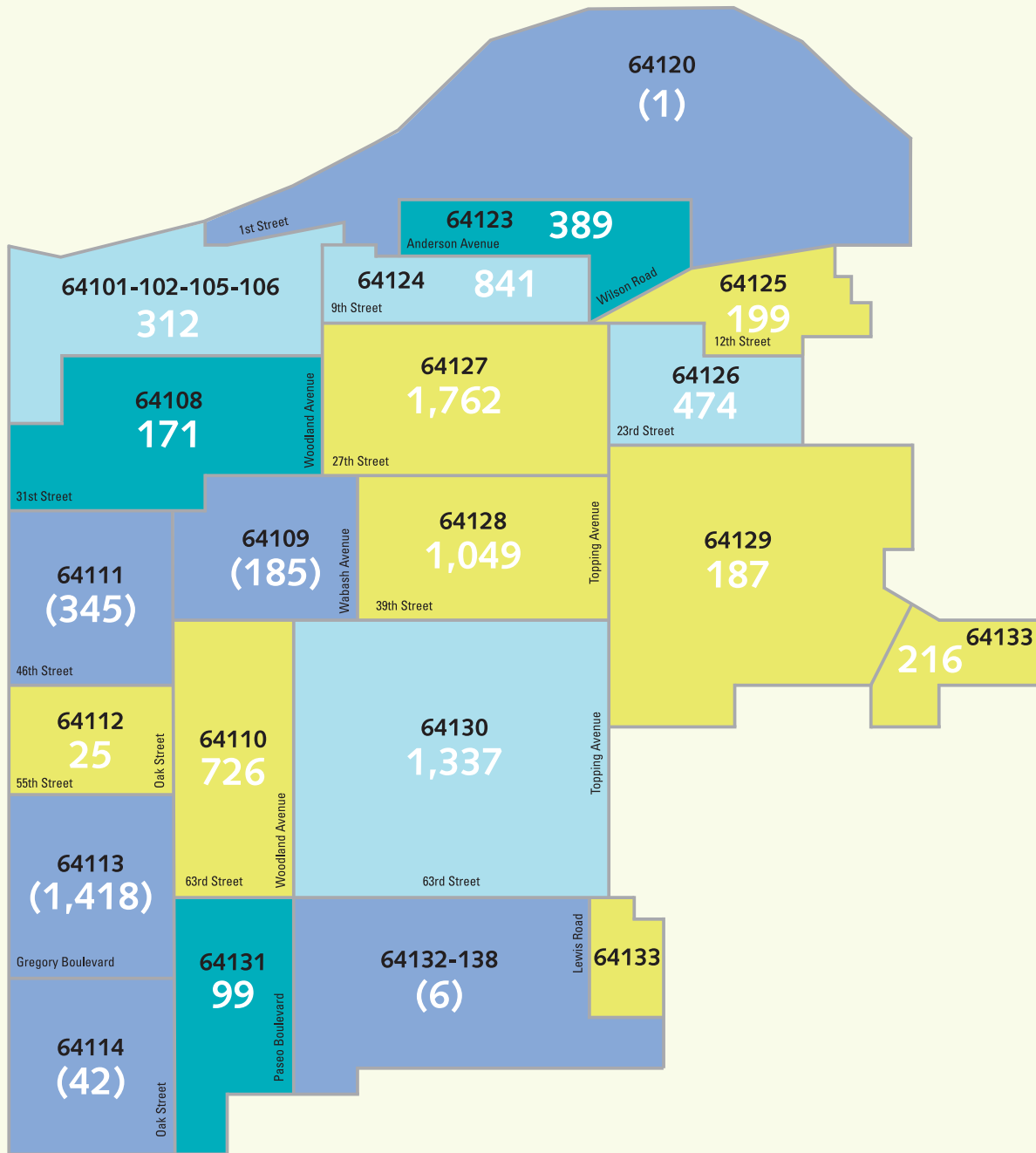
Table 8: Percentage of School-Age Children Enrolled in a KCMSD School by Zip Code, 2008-2009

Zip Code	K-12	K-8	9-12
64101-102-105-106	67.2%	72.7%	53.5%
64108	45.1%	56.9%	22.1%
64109	44.9%	49.6%	36.3%
64110	41.9%	41.9%	42.0%
64111	26.6%	29.7%	19.2%
64112	6.5%	7.0%	5.5%
64113	3.4%	3.1%	4.1%
64114	10.4%	12.7%	4.1%
64120	6.2%	6.9%	4.3%
64123	69.5%	75.9%	53.8%
64124	80.7%	87.5%	63.4%
64125	79.5%	84.7%	67.0%
64126	69.8%	71.9%	64.0%
64127	59.3%	62.7%	51.3%
64128	56.5%	56.7%	56.0%
64129	40.0%	44.3%	29.8%
64130	54.4%	59.0%	45.3%
64131	30.4%	32.9%	24.7%
64132-138	70.0%	77.0%	54.8%
64133	83.2%	90.8%	62.9%
Total	49.6%	53.1%	41.6%

- 4) Three zip codes need more than 1,000 seats of Level I-III capacity each: 64127, 64128, and 64130.
- 5) Zip code 64113 reports an excess of 1,418 seats at Levels I-III because only 51 students who reside there attend KCMSD elementary schools and there are almost 1,500 seats of Level I-III capacity in the two signature schools located there.
- 6) There is also excess Level I-III capacity in 64114, where very few residents attend KCMSD schools and where the only Level I neighborhood school is located.
- 7) Other zip codes with excess capacity are 64109, 64111, 64120, and 64132-138, all of which have several Level I-III schools located within or near their borders. Zip code 64120 also has very few school-age children attending KCMSD schools.

⁴ Of the 50 selective and non-selective elementary schools, seven were closed at the end of the 2008-2009 school year.

Map 5: KCMSD Elementary School Current Enrollment Service Level and Service Gap by Zip Code, 2008-2009



- 0% - 10%
- 11% - 50%
- 51% - 99%
- >100%

The service level is the percent of students in the zip code that can be served by a Level I-III school. The number in each zip code is the service gap, the total number of students that cannot be served by a Level I-III school. Numbers in parentheses indicate a surplus.

KCMSD High School Analysis

KCMSD operates eight non-selective neighborhood or signature schools with high school grades.

In 2008-2009, none of these high schools met Missouri state standards or performed at Level II or Level III.

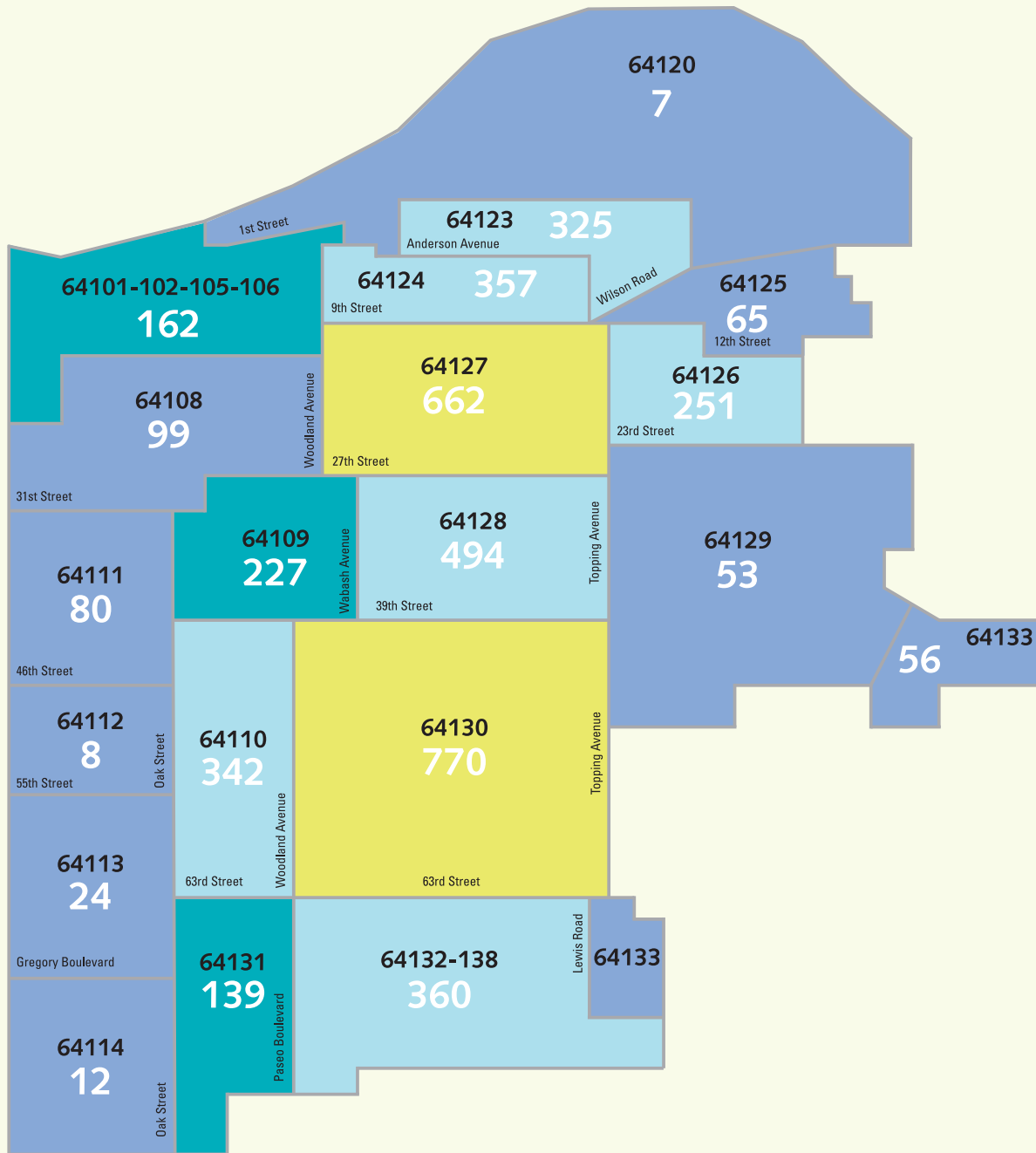
The Level I-III capacity in Lincoln College Preparatory and Delano Alternative were not included in this analysis because of their restrictions on enrollment. Therefore, there is no non-selective Level I-III capacity for high school students in KCMSD, which means that less than a quarter of students attending any high school open to all students in KCMSD are achieving proficiency on state assessments in Communication Arts and Mathematics.

Map 6 shows the high school service gaps in the district and the zip codes where the need for performing seats is greatest. The lack of Level I-III capacity in non-selective schools means that all zip codes have a service level of zero percent.

The findings from this analysis of the high school service gaps are:

- 1) There are nine zip code areas with a limited need for performing high school seats due to low enrollment. These areas are to the east of Topping Avenue, north of Anderson Avenue, and west of Oak Street.
- 2) Four of the nine zip codes above, 64112, 64113, 64114, and 64120, report gaps of less than 25 seats, due in part to the small number of students residing in those zip codes who attend KCMSD high schools.
- 3) The need for high school capacity is heavily concentrated between Topping Avenue and Oak Street, where seven zip codes have gaps ranging from 325 seats to 770 seats.
- 4) The remaining four zip codes, 64101-102-105-106, 64109, 64126, and 64131, each need several hundred seats and are scattered around the district.

Map 6: KCMSD High School Current Enrollment Service Gap by Zip Code, 2008-2009



- 500–800
- 250–499
- 100–249
- 0–99

The number in each zip code is the service gap, the total number of students that cannot be served by a Level I-III school. Numbers in parentheses indicate a surplus.

Ranking the Need: Kindergarten–Grade 12

In order to determine where there is the greatest need for schools that perform at the state standard, the elementary and high school data on service levels and service gaps are combined. Then each of the zip code areas is ranked from 1-20, one being the area with the greatest need, using a weighted average of the zip code's service level and service gap ranks. Once again, the goal is to understand the relative need among the different areas of the district.

The zip code ranking identifies five zip codes (Top 5) where most of the need is concentrated. These zip codes, 64110, 64124, 64127, 64128, and 64130, comprise the central geographic core of the district. They are located between Topping Avenue and Oak Street and bordered to the north by Anderson Avenue and to the south by 63rd Street.

Table 9 shows that all five zip codes have large K-12 service gaps. No Level I schools are located in these zip codes, although the Level I ACE Collegium Middle school borders zip code 64130. The only other non-selective Level I-III school in the analysis located in these zip codes is Level II Garfield Elementary in 64124

Table 9 lists KCMSD school enrollment, service level, and service gap for each of these zip codes. In all but one of these zip codes, the majority of resident children are enrolled in a KCMSD school.

The absolute and relative need in these zip codes are indicated by the following numbers:

- 81 percent of the absolute need for performing seats is concentrated in these Top 5 zip codes where 8,340 students do not have a seat in a Level I-III school.
- There are 9,556 KCMSD students in the Top 5 zip codes, which is 54.5 percent of the total district enrollment.

- The Top 5 high-need zip codes have only 1,216 seats in Level I-III non-selective KCMSD schools, enough to serve just 12.7 percent of current students and seven percent of the school-age population in those zip codes.
- Zip code 64128 has no Level I-III non-selective schools, and therefore has a service level of zero percent.
- Zip code 64130 benefits from the capacity in ACE Collegium on its southern border, but still has a service gap of 2,107 seats.
- These zip codes are also home to 16,713 school-age children, 47 percent of all resident children.

Map 7 highlights the Top 5 zip code areas most in need of performing schools and includes all KCMSD and charter schools.

Charter Schools in Top 5 Ranked Zip Codes

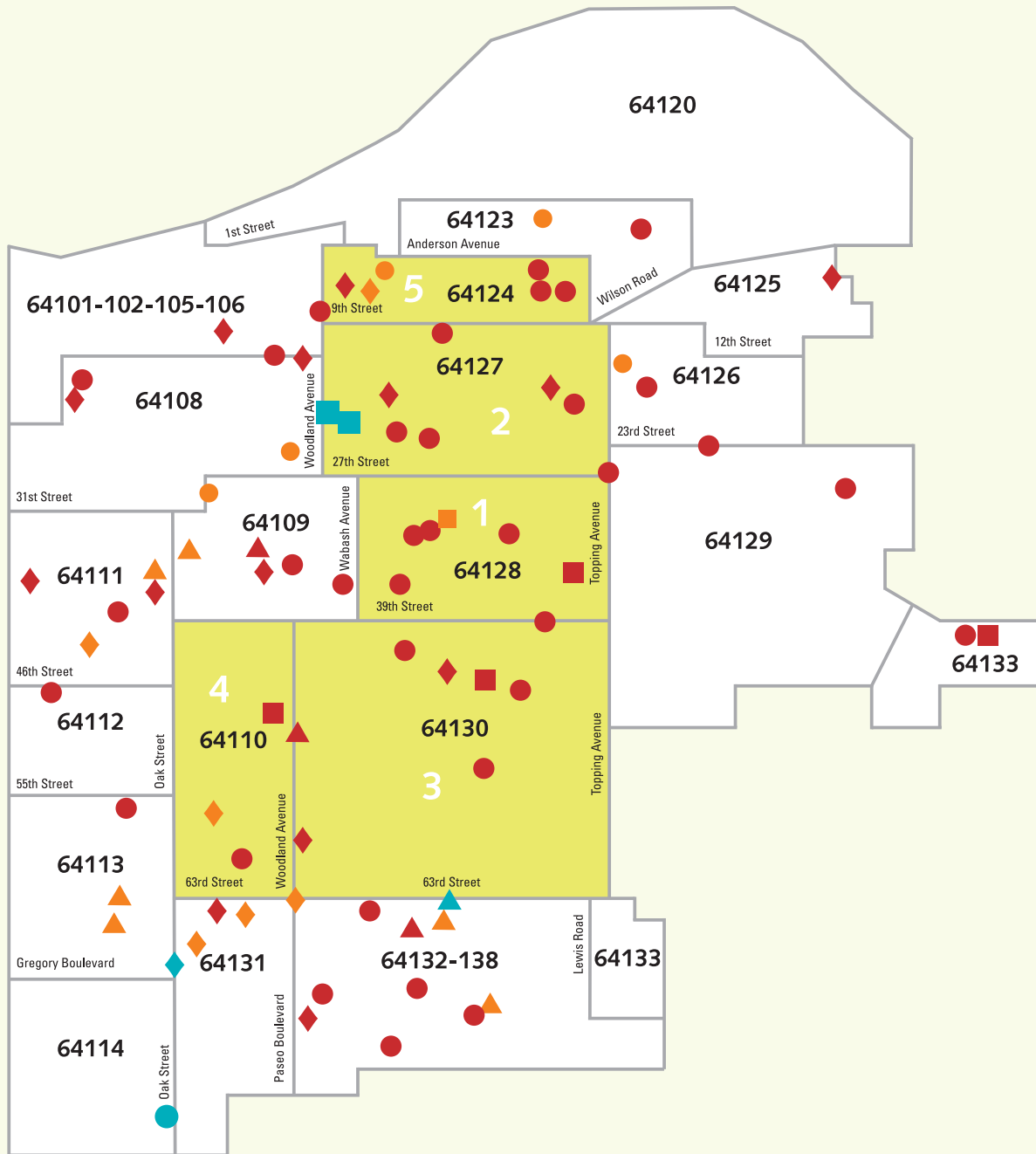
Charter schools are not part of the analysis on which the zip code ranking is based because student enrollment data at the zip code level was not available for all charter schools in the district; therefore the distribution of charter students in Level I-III schools could not be calculated. However, charter schools enroll one-third of the public students in the district, so it is important to look at the distribution of these schools in the Top 5 ranked zip codes. Map 8 indicates that only three of the nine Level I-III charter schools are located in the high-need areas of KCMSD.⁵ These three schools enroll 704 children, while the five charter schools below 50 percent of state standard in these zip codes enroll 1,339 students. Level I-III charter schools in the other zip codes enroll 2,293 students.

⁵ Charter schools are citywide schools in which students from all over the district enroll. Appendix B reports on the enrollment by zip code in each of the 15 charter schools that completed the IFF data request. The total for each zip code provides partial data on the use of charters by residents of the different zip code areas.

Table 9: Current Enrollment Service Levels and Service Gaps in Top 5 Zip Codes, 2008-2009

	K-12 Current Enrollment	K-12 Current Enrollment		K-12 Potential Enrollment	K-12 Potential Enrollment	
		Service Level	Service Gap		Service Level	Service Gap
64128	1,543	0.0%	1,543	2,732	0.0%	2,732
64127	2,569	5.6%	2,424	4,333	3.3%	4,188
64130	2,740	23.1%	2,107	5,040	12.6%	4,407
64110	1,096	2.6%	1,068	2,615	1.1%	2,587
64124	1,608	25.5%	1,198	1,993	20.6%	1,583
Total	9,556	12.7%	8,340	16,713	7.3%	15,497

Map 7: Top 5 Zip Codes in Need of Performing Schools, 2008-2009

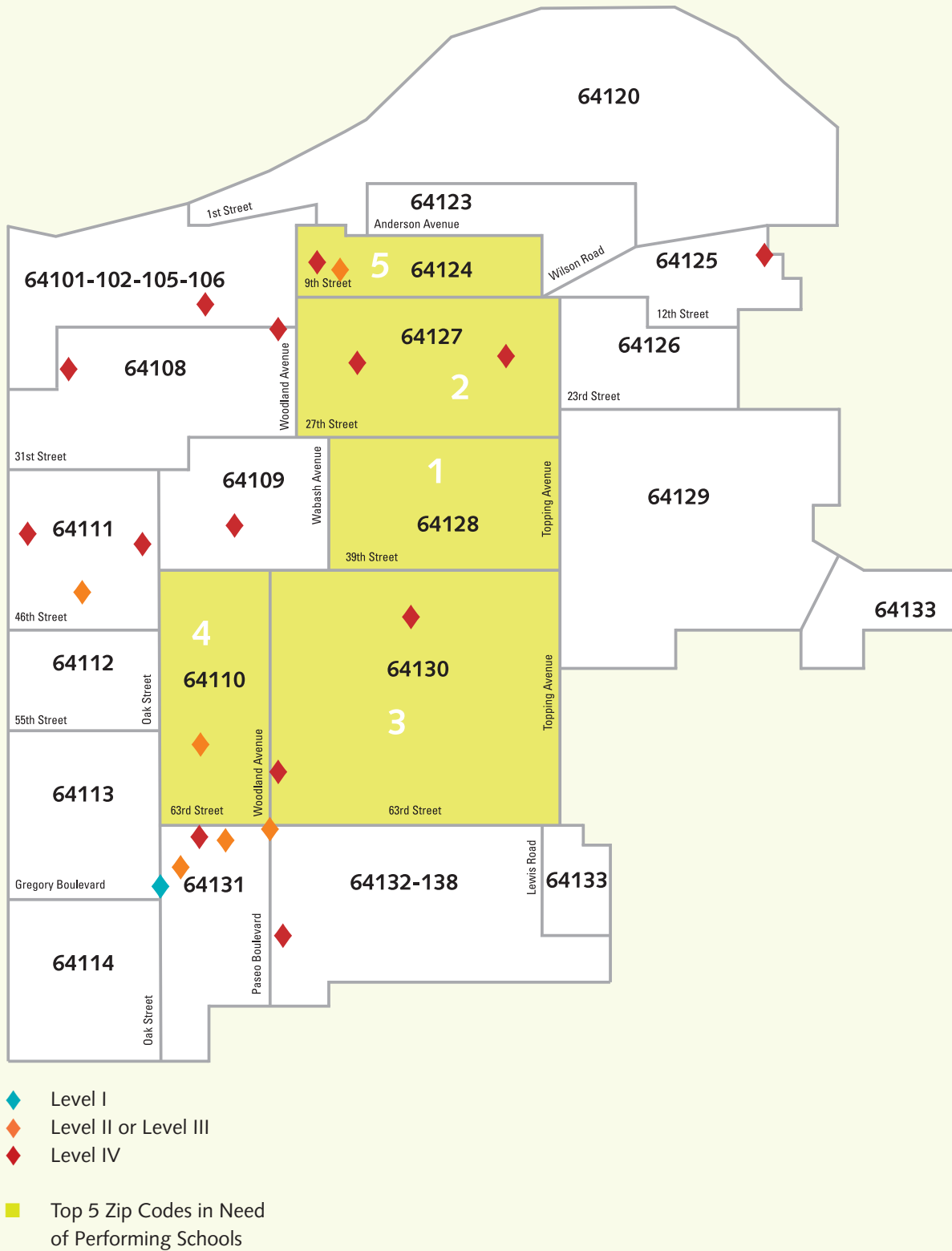


- Neighborhood
- △ Signature
- Selective and Alternative
- ◇ Charter

- Level I
- Level II or Level III
- Level IV

- Top 5 Zip Codes in Need of Performing Schools

Map 8: 2008-2009 Charter Schools by Performance Level with Top 5 High-Need Zip Codes



KCMSD's Right-Sizing Plan

In the fall of 2009, Superintendent John Covington laid the groundwork for the transformation of the KCMSD into a "21st Century" school district. A Right-Sizing Task Force convened and gathered comprehensive data to create a "lean and efficient public school district." The task force announced the first group of recommended closures and school restructurings on February 14, 2010. Public forums allowed parents and other community members an opportunity to comment, and the task force voted on a revised list March 10, 2010. After the KCMSD Board voted to approve this "right-sizing" plan, Superintendent Covington wrote:

"The goal for the transformation is simple: reduce the number of schools and deploy vital resources to strengthen the delivery of education to ALL students."

At the same time, the superintendent acknowledged that community members must put aside their differences and come together in support of the transformation and the belief that KCMSD can provide all students with the best educational opportunities possible.

The closure and transformation of 23 schools will affect many children enrolled in the KCMSD. In addition, another three of the schools remaining open are slated for turnaround or massive restructuring of administration and programming. While the facility closures and cost savings may be the most observable changes in the short term, the driving force behind Superintendent Covington's plan is the "transformation of learning" through the reorganization of elementary and secondary schools throughout the District. Traditional schools will be reconfigured into primary schools with grades Pre-K through 2, elementary schools with grades 3 through 6, and secondary schools with grades 7 through 12. District-wide signature programs will provide Pre-K through grade 6 curricula at the elementary level and will enroll grades 7 through 12 at the secondary level.

This analysis examines how the proposed changes for school year 2010-2011 affect the enrollment and need in the Top 5 high-need zip codes identified in the analysis. The effect was analyzed using data on enrollment in the 2009-2010 school year, as opposed to the study year of 2008-2009 in order to be

as accurate as possible. IFF evaluated and then presents here the results by mapping the proposed KCMSD system with charter schools so the entire public system is described.

Schools and Enrollment in Closing, Moving, or Restructuring Schools

The plan for *Transforming the KCMSD* approved by the school board included closing 15 schools, two of which did not enroll students in 2009-2010, and moving or restructuring eight schools. The district reports that there was a decline of 903 students from the fall of 2008 to the fall of 2009.⁶

Table 10 lists the zip code, capacity, and enrollment for each of the schools that were closed at the end of the 2009-2010 school year. School closures will affect 2,686, or 15 percent, of students in District schools. It is clear that school performance was part of the criteria used to determine which schools would close. All except one of the Level I-III schools in the analysis will remain open in 2010-2011. The exception is McCoy Elementary, a Level III school located in zip code 64126 with an enrollment of 182 students in 2009-2010.

Table 11 identifies the schools that will be moved or restructured, their current enrollment, and the capacity of the newly-configured school. The original plan proposed by KCMSD and approved by the KCMSD board called for the consolidation of the three ACE buildings into the high school building. This would have resulted in 10 schools being moved or restructured. The renegotiation of the ACE contract with the District in May resulted in the retention of the Lower and Middle School buildings thereby reducing the number of consolidations to eight.⁷ Table 11 reports the combined estimated enrollment when a school will be merged with an existing one. This figure is then compared with the capacity of the facility in which the restructured school will be housed, thereby determining whether there will be excess capacity. Of the eight schools that are being restructured, two of them were Level II or III.

⁶ Kansas City, Missouri School District, "Transforming Kansas City, Missouri School District 2010-2011: Teaching and Learning for the New Millennium," www.kcmsd.org (accessed March 2010), 13.

⁷ Joe Robertson, "African-Centered School Gets a Reprieve," *The Kansas City Star*, May 29, 2010, www.kansascity.com.

Table 10: Schools Closed at the End of the 2009-2010 School Year

Name	Zip Code	School Capacity	2009-2010 Enrollment	Reside-Attend (Attendance Area or Zip Code)	Percent of Enrollment Reside-Attend 2009-2010
Askew Elementary	64129	358	331	304	91.8%
Central Academy	64128	732	85	No enrollment data available	
Fairview Elementary	64130	398	Program closed in '09 - Building closing		
Knotts Elementary	63132-138	378	199	179	89.9%
Ladd Elementary	64128	433	178	135	75.8%
Moore Elementary	64128	375	227	212	93.4%
McCoy Elementary	64126	288	182	135	74.2%
Northeast Elementary	64124	1,025	455	425	93.4%
Pinkerton Elementary	63132-138	318	214	187	87.4%
Southeast at Manual	63101-102-105-106	143	48	1	2.1%
Teenage Parent Center	64128	230	76	14	18.4%
West Rock Creek Elementary	64129	242	217	191	88.0%
Westport Middle	64111	848	Program closed in '09 - Building closing		
Woodland Elementary	63101-102-105-106	494	326	311	95.4%
Anderson at Fairview	64133	200	148	6	4.1%
Total		6,462	2,686	2,100	78.2%

Another 2,569 students will be changing schools due to the relocation or restructuring of these eight schools. In several instances, middle and high school signature and magnet programs are being combined into one building from two proximate facilities. Two exceptions the absorption of Faxon Montessori into Holliday Montessori and Border Star Montessori, and the movement of the program at Swinney Elementary from the west side to Carver Elementary, which is located in the center of the

city. There are 3,160 students enrolled in the receiving schools. After the schools are moved, the combined enrollment of the old and new schools is estimated to be 5,625 and these schools will comprise about one-third of District enrollment. As Table 11 shows, there is excess capacity of 2,166 seats once these schools are restructured. In addition, the three ACE schools can serve 2,228 students but enrolled 723 in 2009-2010 school year. There is excess capacity of 1,505 seats in the three ACE buildings.

Table 11: Schools Moved or Restructured at the End of the 2009-2010 School Year

Name	Current Zip Code	2009-2010 Enrollment	New Location/School	Zip Code of New School	Action	2009-2010 Enrollment of New School	Estimated 2010-2011 Enrollment	Capacity of New School
Faxon Montessori	64109	104	Holliday Montessori	63132-138	Faxon split into two remaining Montessori schools	291	343	540
			Border Star Montessori	64113	Faxon split into two remaining Montessori schools	190	242	425
Lincoln College Prep Middle	64127	422	Lincoln College Prep High School	64108	Lincoln College Prep absorbing accompanying middle school	580	1,002	1,171
Franklin	64109	269	Current Faxon Montessori facility	64109	Franklin moving into Faxon Montessori facility when Faxon program is absorbed into other Montessori schools	n/a	269	300
Richardson	64109	204	ML King Elementary	64130	King absorbing Richardson	250	454	796
KCMSA	64110	376	Paseo High School	64110	Paseo absorbing accompanying middle school	460	836	1,154
Longan	64109	270	Foreign Language Academy	64111	Foreign Language Academy absorbing Longan	514	784	894
Swinney	64112	350	Carver	64130	Carver absorbing Swinney	325	675	423
Westport High	64111	470	Southwest Early College	64113	Southwest absorbing Westport	550	1,020	2,088
Total		2,569				3,160	5,625	7,791

Effect on the Need for Performing Schools

Map 9 illustrates the location of the schools, including charters, that will operate in the 2010-2011 school year against the number of school-age children that are enrolled in District schools. This analysis makes the assumption that schools remain in their 2008-2009 performance level for the 2009-2010 school year and going into the 2010-2011 school year.

There are very few Level I-III schools, and one less with the absorption of Lincoln College Prep Middle School by Lincoln College Prep High School, in the Top 5 high-need areas where the majority of children are enrolled in KCMSD schools. Although most of the schools the District plans to close were low performing, a number of schools performing below 50 percent of the state standard will remain open. Most of these schools, including those in the Top 5 high-need zip codes, will require the intensive supports that are part of the District's transformation plan. Additionally, there is still excess capacity in many schools including Level I-III schools.

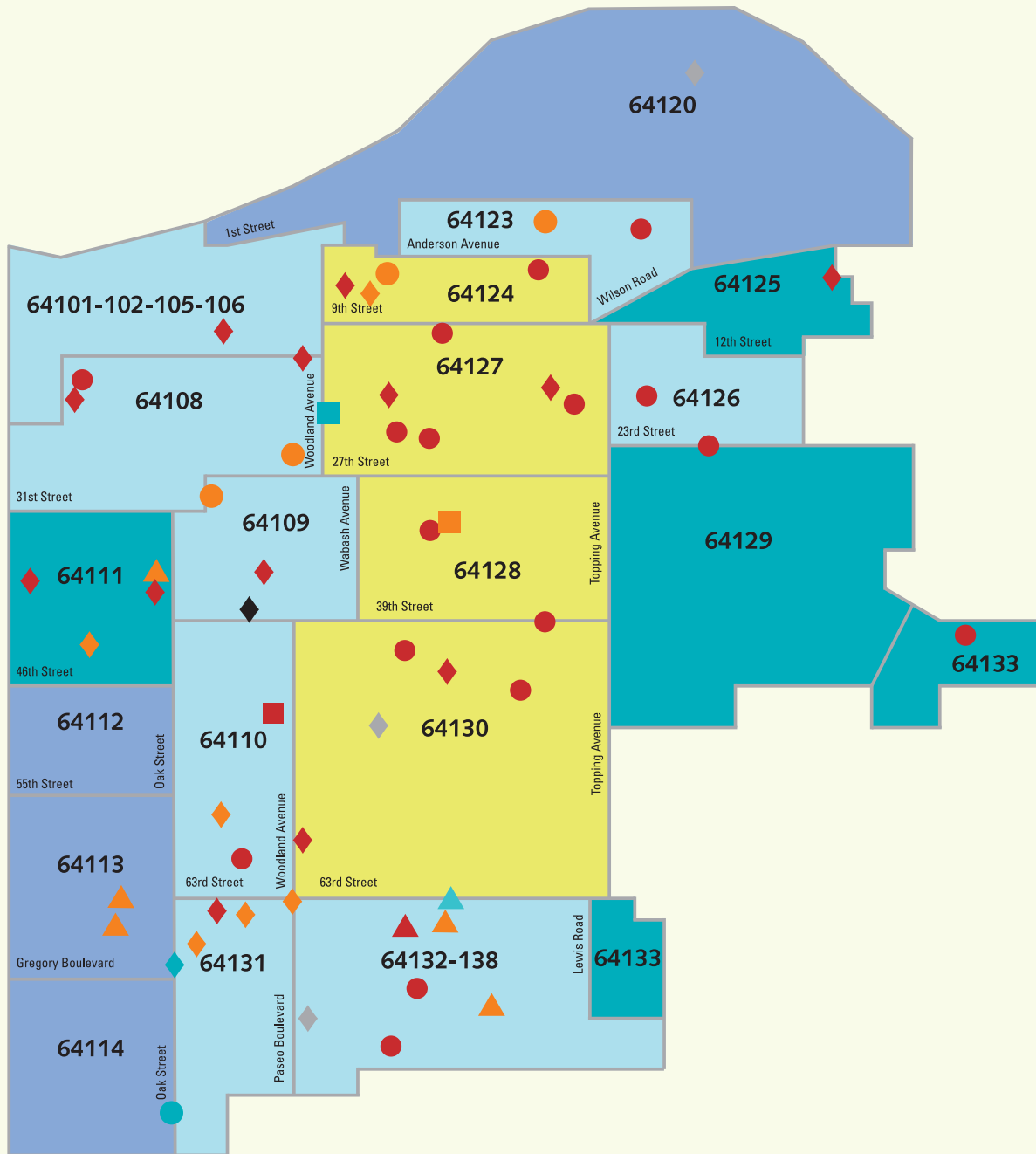
There are very few charter schools, especially Level I-III schools, located in the central and eastern part of the district where most school-age children attend a KCMSD school and where there is the highest need for better performing schools, as shown on Map 10. Most of the Level I-III schools are located on the southwest side of the district, where far fewer school-age children enroll in KCMSD schools. However, three new charter schools opened in Fall 2009, of which one is located in 64110, a high-need zip code, and one charter school will open in Fall 2010. Nevertheless, many of the families seeking a charter school option for their children during the restructuring of the KCMSD will have to travel to attend a charter school performing better than District schools.

The proposed restructuring and closing of schools will have an impact on district-wide Level I-III capacity, but has little effect on the results of the zip code analysis. The majority of schools that were closed at the end of the 2009-2010 school year were Level IV and performing below 50 percent of the state standard. As a result, there is little change to the overall Level I-III capacity and the service levels and service gaps generally remain the same across the zip codes, as does the need for better performing schools, particularly in the Top 5 zip codes.

The absorption of Lincoln College Preparatory Middle School into Lincoln College Preparatory High School creates a loss of the middle school's 713 seats of Level I capacity. This is a loss of over one-quarter of the district-wide Level I capacity, reducing the total from 2,704 to 1,991 seats. Although the middle school is located in 64127, a Top 5 zip code area, the Level I capacity in this school was not included in the zip code analysis because it is selective, but the need for better performing schools in this zip code area remains high, and is arguably higher now with the loss of these performing seats.

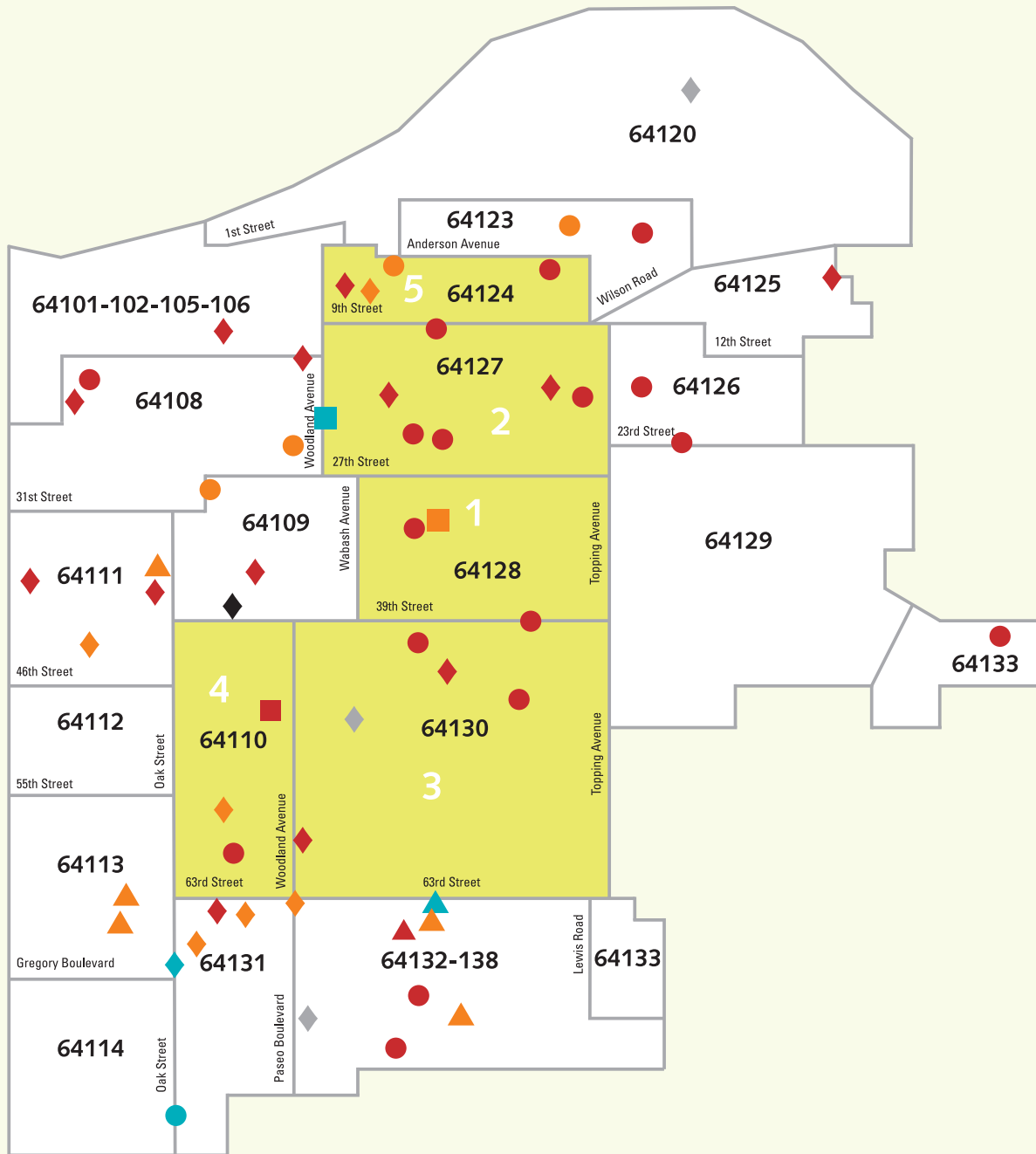
The closing of Level III McCoy Elementary and the absorption of Level III Longan Elementary into Foreign Language Academy create a loss of 670 seats of Level I-III capacity, reducing the district-wide non-selective KCMSD Level I-III capacity to 6,564 seats from 7,234. Neither of these schools is in a Top 5 zip code area, but the loss of these two better performing schools should be taken into consideration by District officials when making decisions about new schools.

Map 9: 2010-2011 KCMSD and Charter Schools with Estimated Number of School-Age Children Attending a KCMSD School in 2008-2009



- | | |
|---------------|--------------------------------------|
| ■ 1,500–2,800 | ○ Neighborhood |
| ■ 500–1,499 | △ Signature |
| ■ 200–499 | □ Selective and Alternative |
| ■ < 200 | ◇ Charter |
| | ◇ Charter Opened 2009–2010 |
| | ◆ Charter Opened 2010–2011 |
| | ● Level I (2008–2009) |
| | ● Level II and Level III (2008–2009) |
| | ● Level IV (2008–2009) |

Map 10: 2010-2011 KCMSD Schools and Charter Schools with Top 5 High-Need Zip Codes



- Neighborhood
- △ Signature
- Selective and Alternative
- ◇ Charter
- ◆ Charter Opened 2009–2010
- ◆ Charter Opened 2010–2011
- Level I (2008–2009)
- Level II and Level III (2008–2009)
- Level IV (2008–2009)
- Top 5 Zip Codes in Need of Performing Schools

Excess Capacity in 2010-2011 Level I-III KCMSD Schools

The initial zip code analysis found excess capacity of 443 Level I seats in non-selective schools and an additional 3,133 in Levels II and III. The Level I selective Lincoln College Preparatory Middle and High Schools had 882 unfilled seats and Level III Delano Alternative had 42 empty seats. Many of these schools are being restructured under *Transforming the KCMSD*. As shown in Table 12, IFF estimates that there will be 3,462 seats of excess capacity in the remaining Level I-III schools once the District is restructured. One-third of the seats are in the Southwest Early College Campus, which is absorbing Level IV

Westport High School. There is also excess capacity in the remaining District schools that did not perform at 50 percent of state standard in both subjects in 2008-2009.

In the near term, students residing in the Top 5 high-need zip codes still will have few Level I school options. There are 8,340 KCMSD students, 47.6 percent of enrollment, who reside in these five high-need zip codes, but are not enrolled in a Level I-III school. At the same time, the lower performing schools in these areas should benefit from the revised funding structure and proposed school turnarounds.

Table 12: Estimated Excess Capacity in 2010-2011 Level I-III Schools

School	School Type	Performance Level	Capacity	2009-2010 Enrollment	Estimated 2010-2011 Enrollment	Estimated 2010-2011 Excess Capacity
Garfield Elementary	Neighborhood	Level II	632	387	387	245
Gladstone Elementary	Neighborhood	Level III	574	427	427	147
Hartman Elementary	Neighborhood	Level I	570	320	320	250
Longfellow Elementary	Neighborhood	Level III	378	212	212	166
Phillips Elementary	Neighborhood	Level III	413	284	284	129
ACE Lower Campus	Signature	Level III	844	366	366	478
ACE Middle Campus	Signature	Level I	250	69	69	181
Border Star Montessori	Signature	Level II	425	190	242	183
Foreign Language Academy	Signature	Level II	894	514	784	110
Holliday Montessori	Signature	Level III	540	291	343	197
Southwest Early College Campus	Signature	Level III	2,088	450	920	1,168
Lincoln College Preparatory Middle & High	Selective	Level I	1,171	422	1,002	169
Delano Alternative	Alternative	Level III	120	81	81	39
Total			8,899	4,013	5,437	3,462

Key Findings, Observations, and Action Steps

Key Findings

1. KCMSD schools performing at state standard (Level I) can serve 2,704 or 15.4 percent of KCMSD students. To serve all 17,517 KCMSD students residing in the district, the KCMSD needs an additional 14,813 performing seats.
2. KCMSD schools performing between 50 and 99 percent of the state standard (Levels II and III) provide 6,534 seats of capacity, that when combined with Level I seats, create a total of 9,238 seats that can serve 52.7 percent of KCMSD students. Even with this additional capacity, the District needs 8,279 performing seats to serve all of its students.
3. Without the capacity in KCMSD's selective schools, the District needs even more performing seats to serve all its students. Eighty-one percent of the need in schools that are open to all students, 8,340 of 10,283 seats, is in five zip codes, 64128, 64127, 64130, 64110, and 64124, where the majority of KCMSD students reside.
4. The majority of charter school students, 5,490, attend schools that perform below 50 percent of the state standard (Level IV). One charter school meets state standards (Level I) and enrolls 479 students, and 2,518 students attend Level II and III charter schools.
5. There are a combined 12,235 seats in Level I-III KCMSD and charter schools. This is enough to serve 47.1 percent of the 26,004 students enrolled in all KCMSD and charter schools, and 34.6 percent of the 35,337 school-age children in the district.
6. There are no non-selective high schools that meet state standards, and there are only 564 seats in non-selective, Level II-III high schools, all of which are in charter schools.
7. There is excess capacity of 4,500 seats in KCMSD's Level I-III schools. Despite the restructuring of schools planned for 2010-2011, there will remain an estimated 3,462 seats of excess capacity in these better performing schools.
8. The KCMSD plan, approved in March 2010, will affect 5,300 of the 17,500 students enrolled in KCMSD schools. The plan creates a loss of 1,383 Level I-III seats by closing or restructuring three Level I-III schools, including the absorption of Level I Lincoln College Preparatory Middle School by Lincoln College Preparatory High School. However, the majority of schools to be closed perform below 50 percent of the state standard.

Observations and Action Steps

1) The KCMSD plan reduces the financial burden of underutilized school buildings and addresses the challenge of the lowest performing schools. Three schools slated for turnaround are in the Top 5 areas identified by IFF as highest need, and most of the schools that will close as part of this plan performed below 50 percent of the Missouri state standard in Communication Arts and Mathematics. However, it also reduces the number of seats in better performing schools and still leaves thousands of empty seats in other schools.

Action Step

Fill empty seats in Level I-III schools and encourage all students who are eligible to attend KCMSD's two restructured selective schools.

2) In many communities charter schools are a model that increases students' access to better public schools, but the majority of charter school students (5,490 or 64.7 percent) are in a Level IV school. Many of Kansas City's charters have existed for 10 years and are still not able to reach even half of state standard. The Department of Elementary and Secondary Education (DESE) and the charter school sponsors should develop a strategy to close charter schools with consistently poor achievement and consider replacing them with proven or promising new charter models.

Action Step

Accountability measures should be taken to close the lowest-achieving charter schools and replace them with proven or promising new ones. Non-renewal of low-performing charters should be considered by charter school sponsors and facilitated by DESE.

3) Charter schools in Kansas City are not coordinated strategically with regard to location and growth plans. Three-quarters of the seats in charter schools in the analysis are located outside the high-need zip code areas. Charter schools should be an integrated part of overall school reform efforts and/or choice plans, including those led by the District. Charter schools serve a significant number of public school students in the district, and therefore, new charters that are being planned should be considered as part of a coordinated set of goals for the school children of Kansas City.

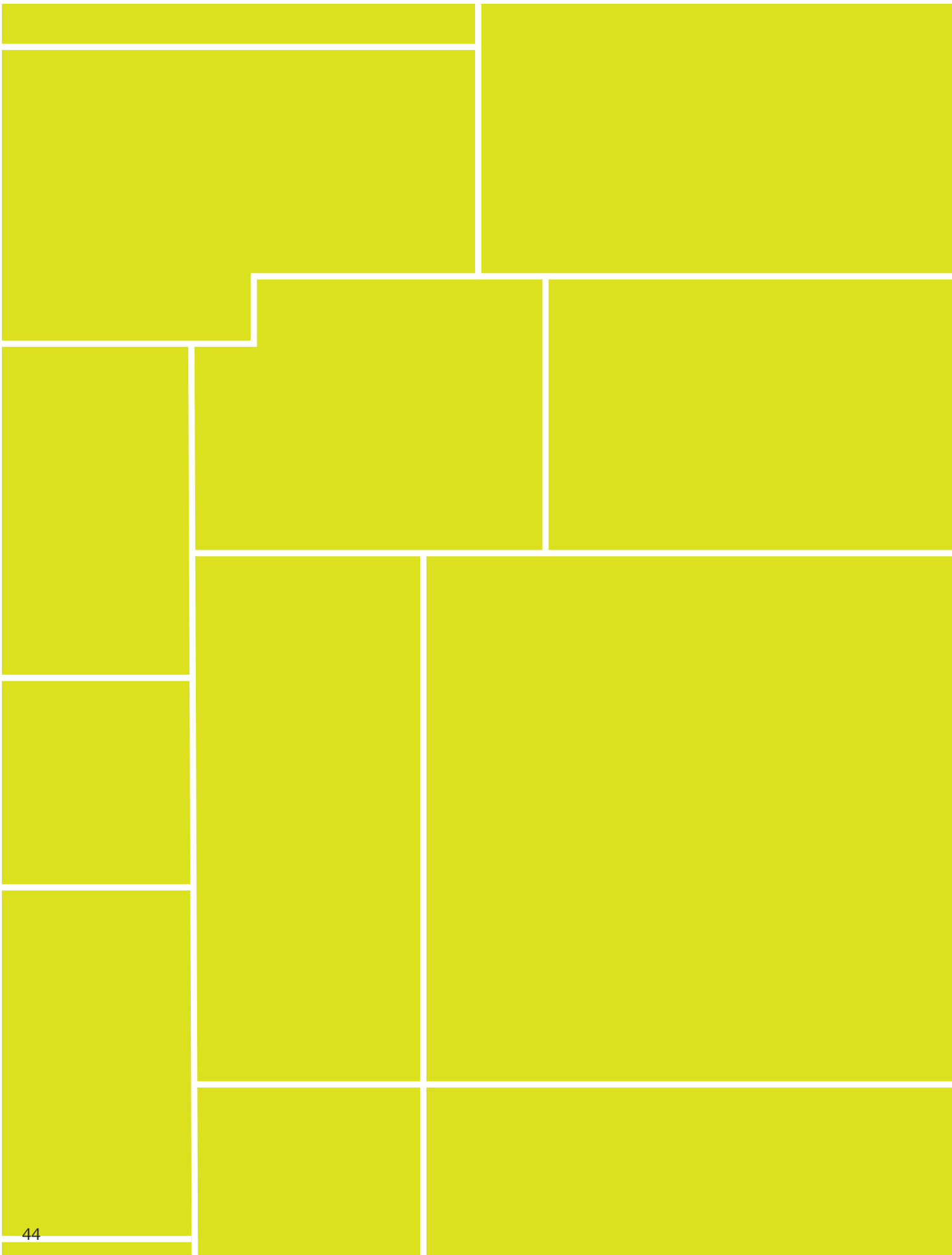
Action Step

A strategy for charter school growth should be developed by Kansas City education leaders. Charter schools should only be approved by DESE if they can demonstrate how they intend to fill a geographic need or a specific void in the communities they intend to serve.

4) KCMSD has an important opportunity to broadly influence education in Kansas City. Given the number of low-performing charter schools, the District may attract students back from charters if the transformation goals are met and communicated to parents. At the same time, achieving the District's goal of an educational opportunity for all public school students will require every available tool. By analyzing the role and performance of charter schools, KCMSD can bring together local charter school sponsors to ensure that wherever possible the goals of the District are aligned with charter schools.

Action Step

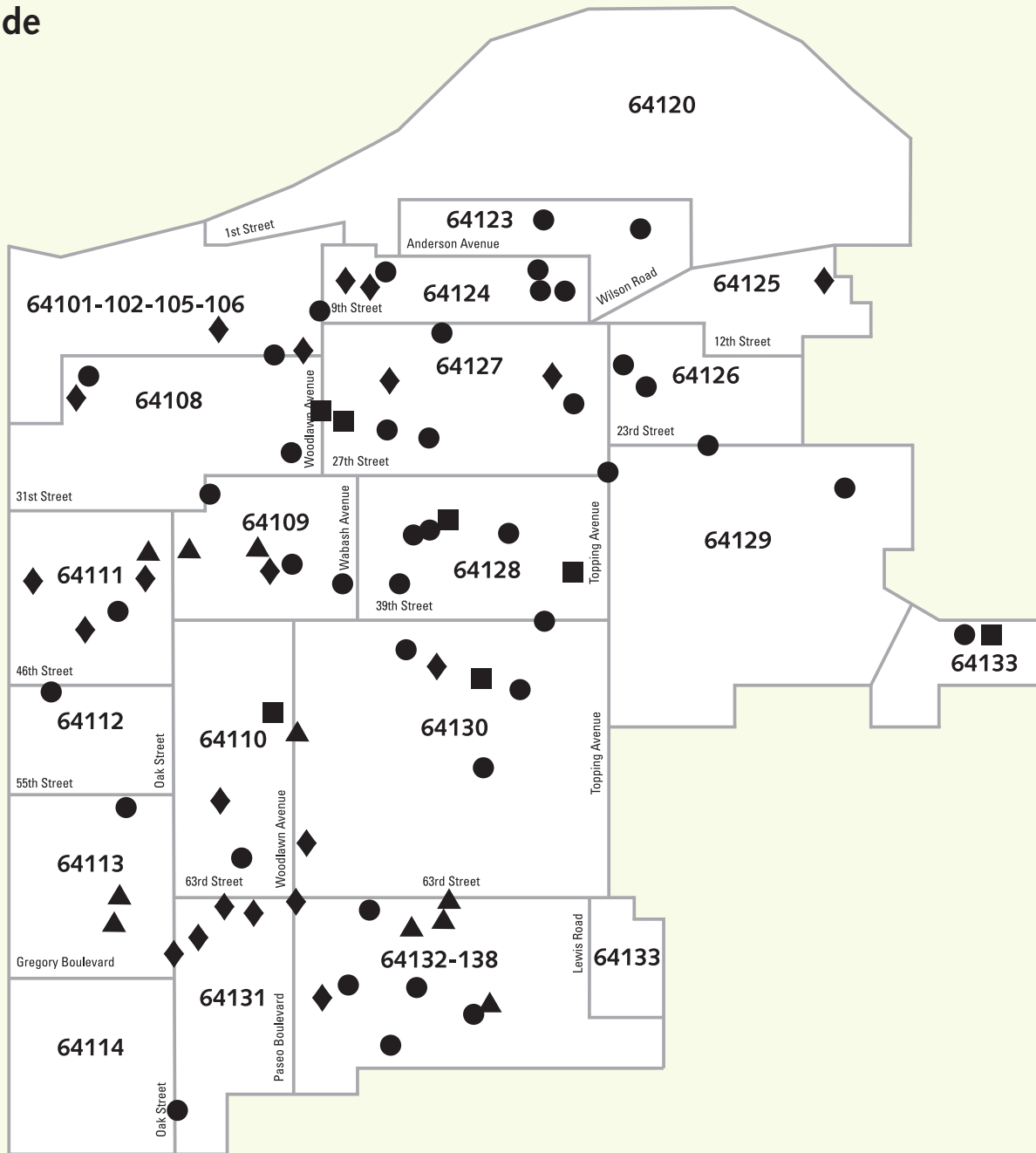
Use excess public school building stock to attract local and national charter school operators—operators that have proven performance records—to specific zip codes in order to ensure access to performing schools throughout the city. KCMSD could sponsor these schools, or work with existing charter school sponsors seeking to replace charter programs slated for closure to ensure oversight and integration into the broader District plans.



Appendices

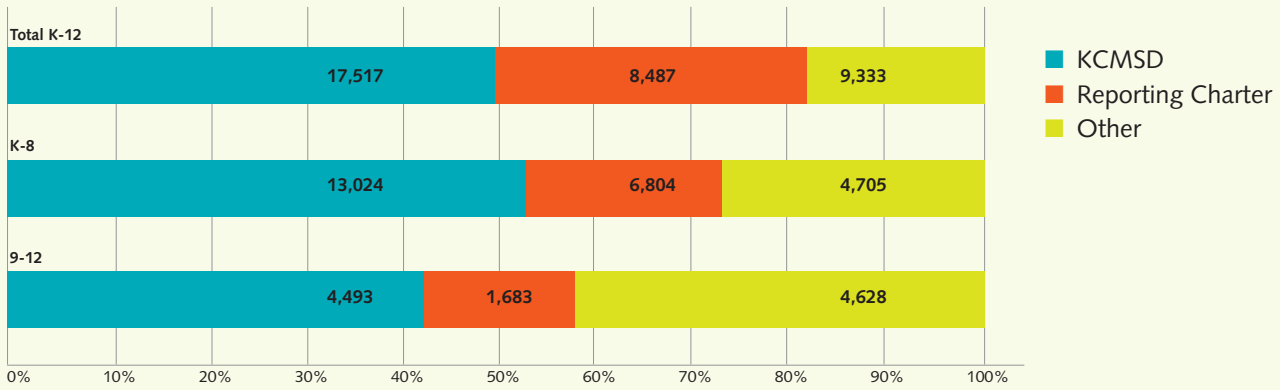
Appendix A: 2008–2009 Zip Code Profiles

Citywide

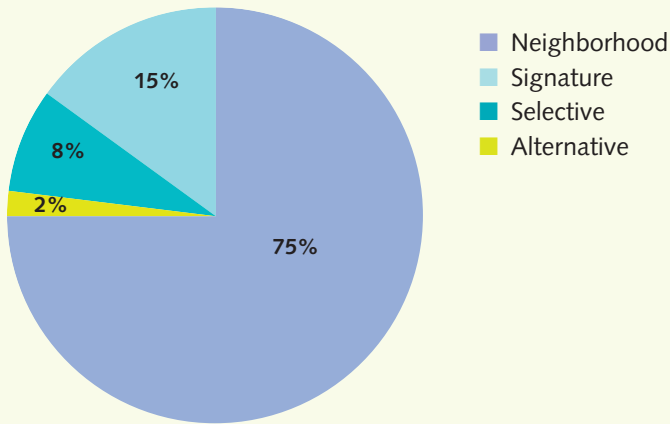


- Neighborhood
- ▲ Signature
- Selective and Alternative
- ◆ Charter

Enrollment of School-Age Population by School Type



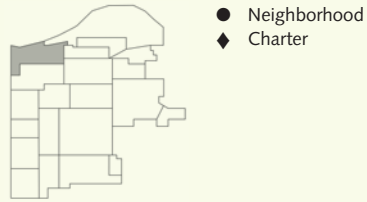
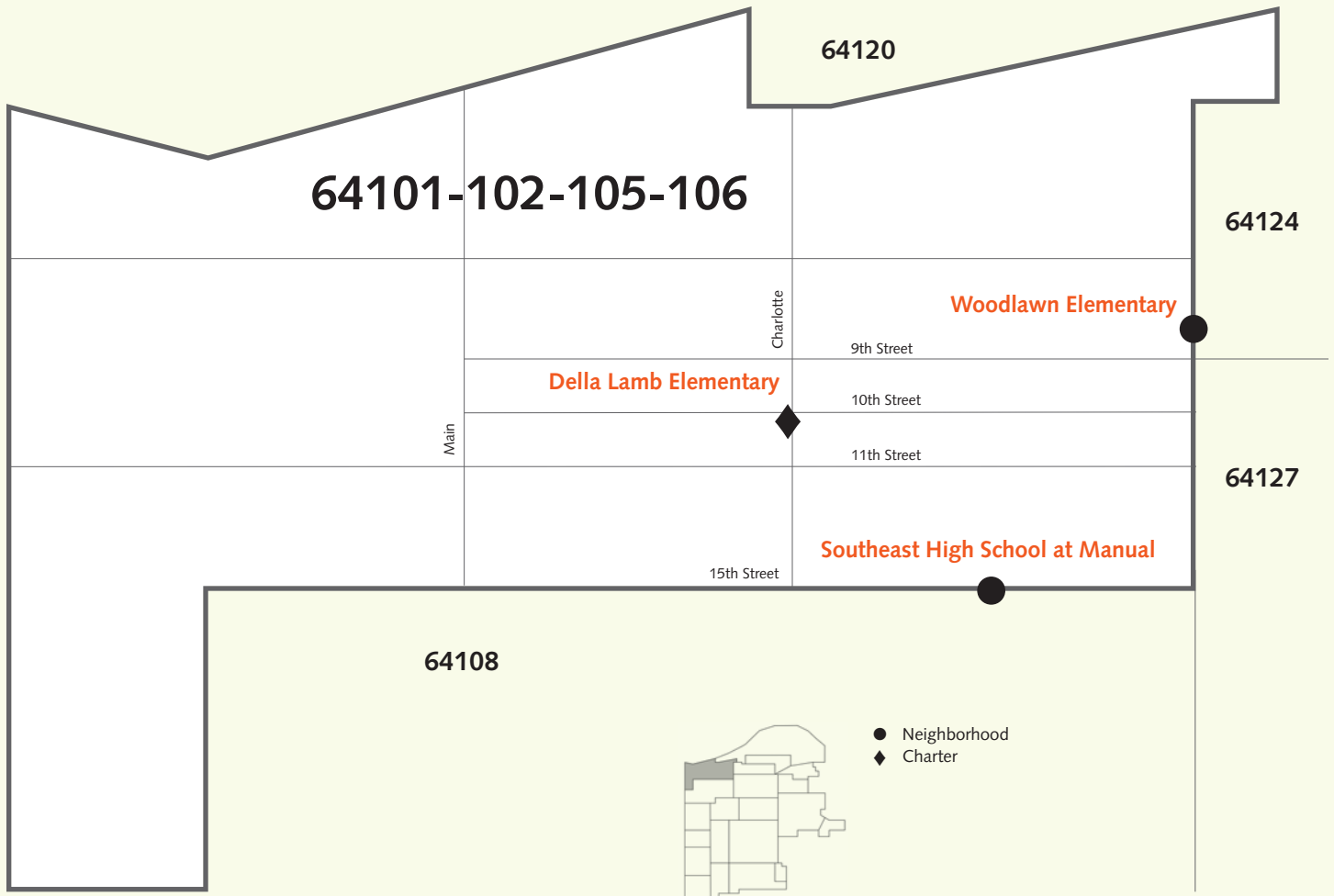
Enrollment of KCMSD Students Residing in the Zip Code by School Type*



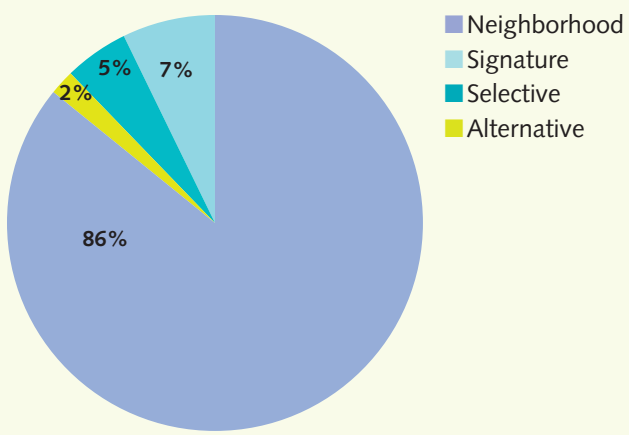
*Because 2008–2009 zip code enrollment data was not available for all charter schools they are not included in the enrollment pie charts.

**2009-2010 charter enrollment data from DESE and the National Charter School Directory.

Zip Code 64101-102-105-106



Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64101-102-105-106

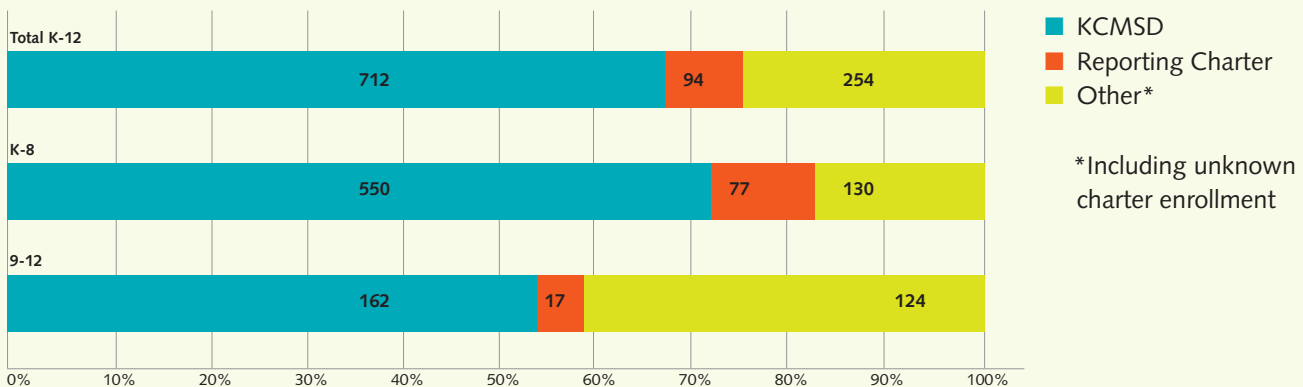
- Overall K-12 Ranking: 13
- Total Population Estimate: 10,615
- School-Age Population Estimate (ages 4-17): 1,060
- 67.2 percent of school-age children in this zip code area attend a KCMSD school.
- 86 percent of KCMSD students residing in this zip code attend a Neighborhood school.

Schools Located in 64101-102-105-106

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Southeast at Manual High School*	Neighborhood	Closing	11-12	12	143	143	48	N/A	No 08-09 scores(out of test grade range)		1	0.7%
Woodland Elementary	Neighborhood	Closing	K-7	K-8	494	356	326	Level IV	22.4	16.6	313	87.9%
Della Lamb Elementary	Charter	Remaining Open	K-6	K-6	N/A	463	472	Level IV	11.8	5.7	N/A	N/A

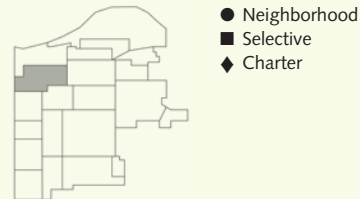
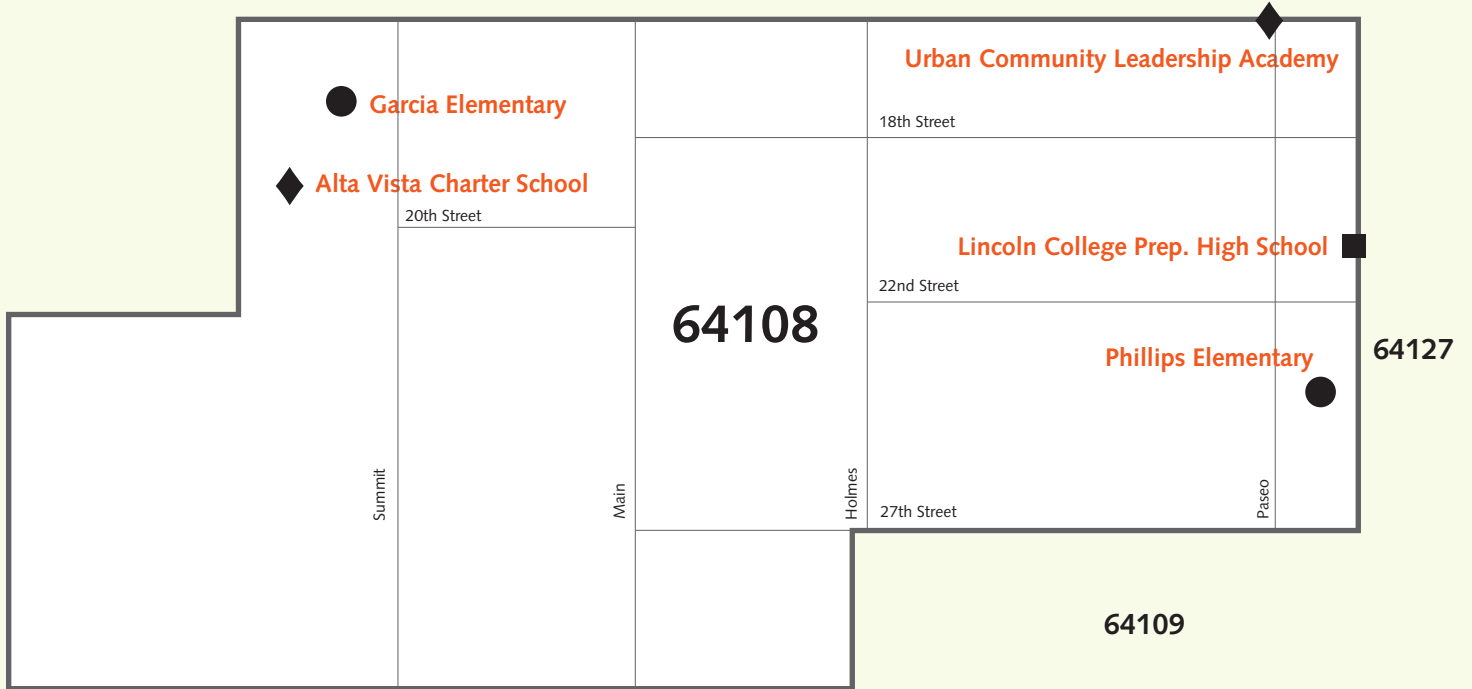
*Capacity information was not provided for Southeast at Manual High School; enrollment was used as a proxy for capacity.

Enrollment of School-Age Population by School Type

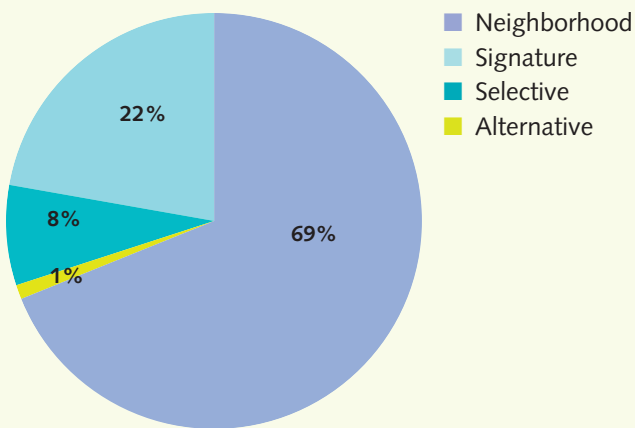


Zip Code 64108

64101-102-105-106



Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64108

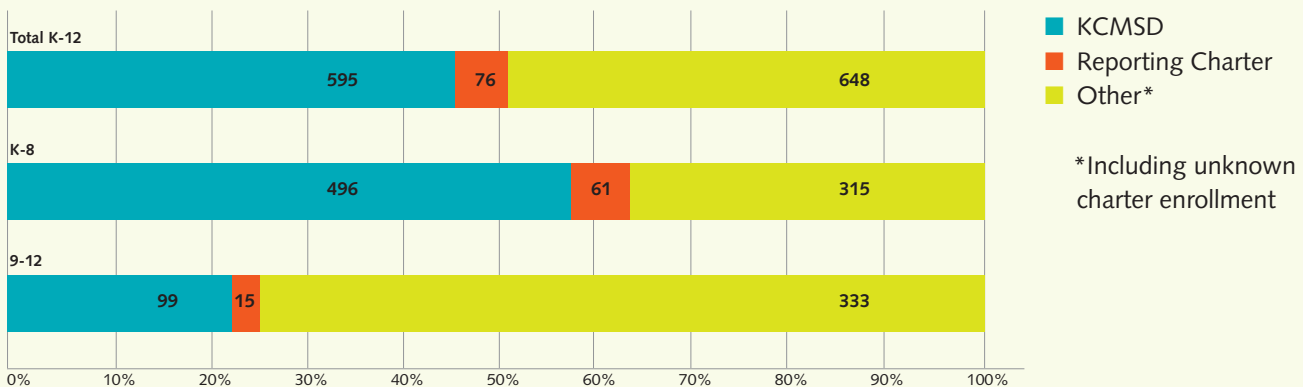
- Overall K-12 Ranking: 15
- Total Population Estimate: 7,488
- School-Age Population Estimate (ages 4-17): 1,319
- 45.1 percent of school-age children in this zip code area attend a KCMSD school.
- Lincoln College Preparatory High School, the only performing KCMSD high school in the district, is located in this zip code and provides 1,171 seats of Level I capacity.

Schools Located in 64108

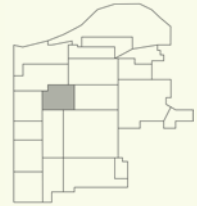
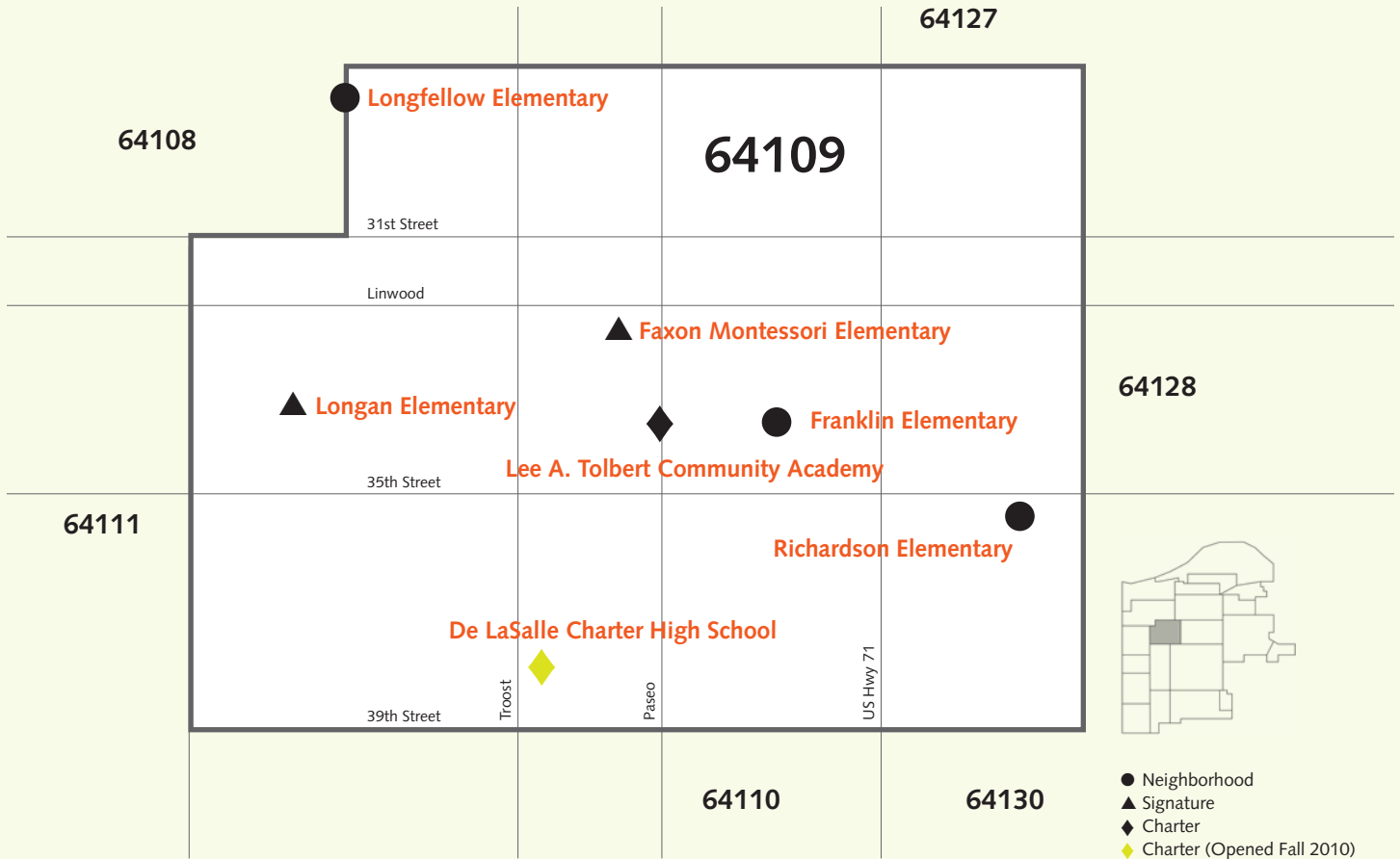
Name	Type	2010-2011 Status	2008-2009	2009-2010	Reported Capacity	2008-2009	2009-2010	2008-2009 Performance Level	2008-2009	2008-2009	2008-2009	2008-2009
			Grade Levels	Grade Levels		Enrollment	Enrollment		Communication Arts: MAP Proficient or Advanced	Mathematics: MAP Proficient or Advanced	Enrolled Students Residing in Zip Code	Percent of Enrollment Residing in Zip Code
Garcia Elementary	Neighborhood	Remaining Open	K-7	K-8	504	432	457	Level IV	20.1	32.5	353	81.7%
Phillips Elementary	Neighborhood	Remaining Open	K-8	K-8	413	271	284	Level III	27.2	25	221	81.5%
Lincoln College Prep High School	Selective	Absorbing Lincoln College Prep Middle	9-12	9-12	1,171	571	580	Level I	98.5	63.0	85*	14.9%
Alta Vista Charter School	Charter	Remaining Open	9-12	9-12	N/A	176	181	Level IV	42.9	13.9	N/A	N/A
Urban Com. Leadership Academy	Charter	Remaining Open	5-9	5-9	N/A	249	200	Level IV	13.7	3.7	N/A	N/A

*Due to Lincoln's location on the border between 64108 and 64127 and its lack of an attendance boundary, the Enrolled Students Residing in Zip Code is the number of students who reside in both of these zip codes.

Enrollment of School-Age Population by School Type

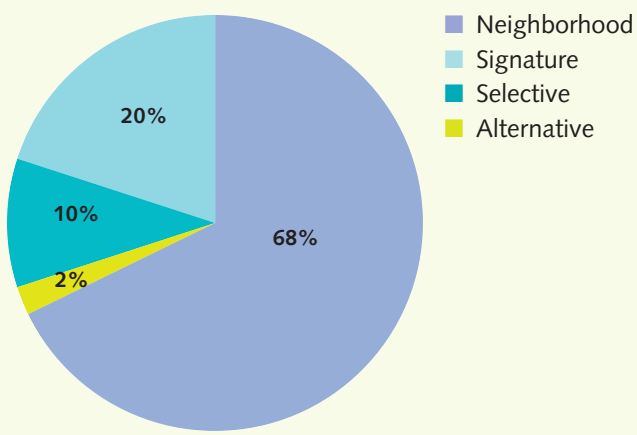


Zip Code 64109



- Neighborhood
- ▲ Signature
- ◆ Charter
- ◆ Charter (Opened Fall 2010)

Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64109

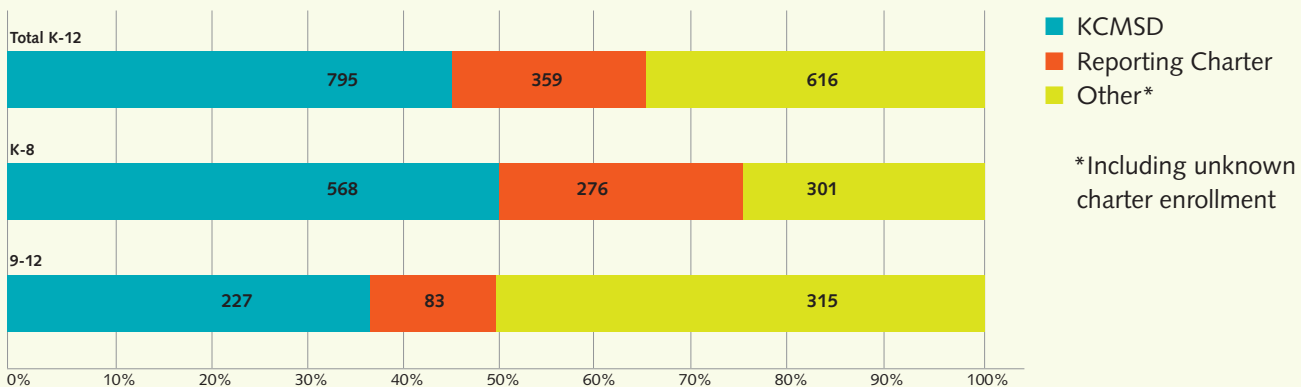
- Overall K-12 Ranking: 18
- Total Population Estimate: 11,011
- School-Age Population Estimate (ages 4-17): 1,770
- 44.9 percent of school-age children in this zip code area attend a KCMSD school.
- The K-12 current enrollment service level in 64109 is 94.7 percent.

Schools Located in 64109

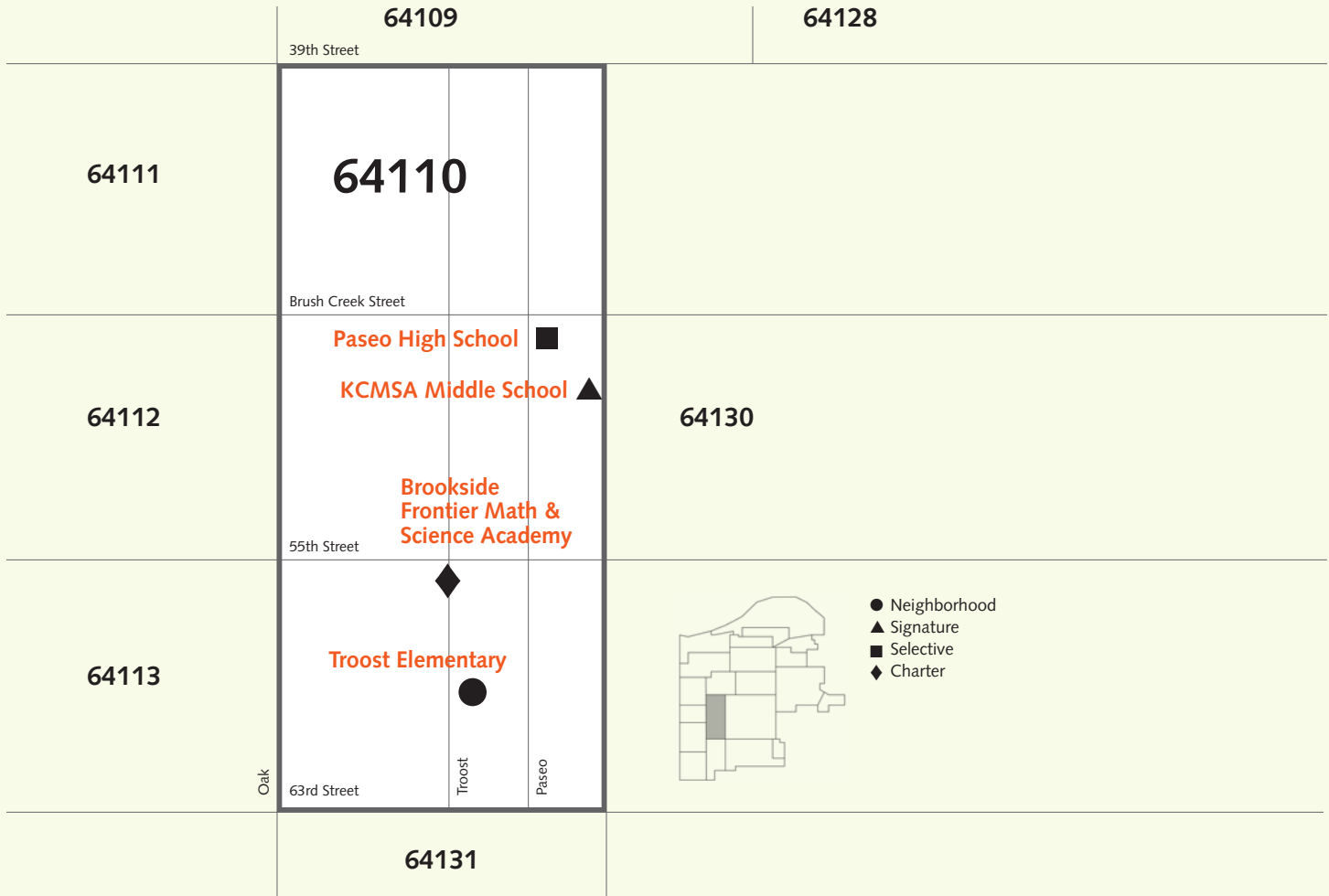
Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Franklin Elementary	Neighborhood	Program moving into Faxon Montessori building	PK-7	PK-8	507	265	269	Level IV	7.4	8.7	172	64.9%
Longfellow Elementary	Neighborhood	Remaining Open	PK-7	K-8	378	149	212	Level III	28.4	23	64	43.0%
Richardson Elementary	Neighborhood	Program absorbed by ML King Elementary	PK-7	PK-8	518	199	204	Level IV	9.2	9.2	150	75.4%
Faxon Montessori	Signature	Program absorbed by Holliday Montessori and Border Star Montessori	PK-6	PK-6	300	96	104	Level IV	17.9	21.4	14	14.6%
Longan Elementary	Signature	Program absorbed by Foreign Language Academy	PK-7	K-8	382	302	270	Level III	29	40.3	20	6.6%
Lee A. Tolbert Community Academy	Charter	Remaining Open	K-8	K-8	830	693	708	Level IV	22	10.5	91	13.1%
De LaSalle Charter High School*	Charter	Remaining Open	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

* School opened Fall 2010 and was not included in the analysis. It is listed here for reference.

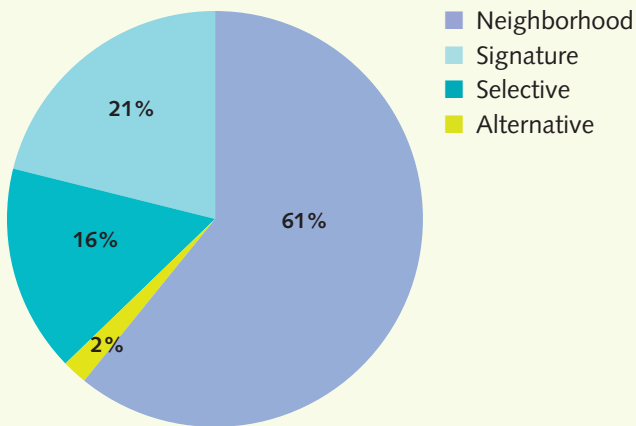
Enrollment of School-Age Population by School Type



Zip Code 64110



Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64110

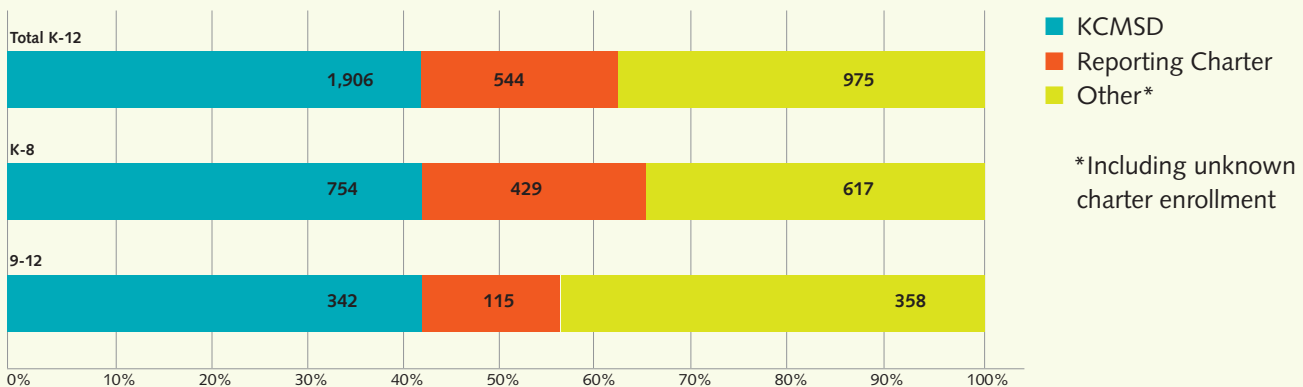
- Overall K-12 Ranking: 4
- Total Population Estimate: 16,344
- School-Age Population Estimate (ages 4-17): 2,615
- 41.9 percent of school-age children in this zip code area attend a KCMSD school.
- The K-12 current enrollment service level in 64110 is 2.6 percent.

Schools Located in 64110

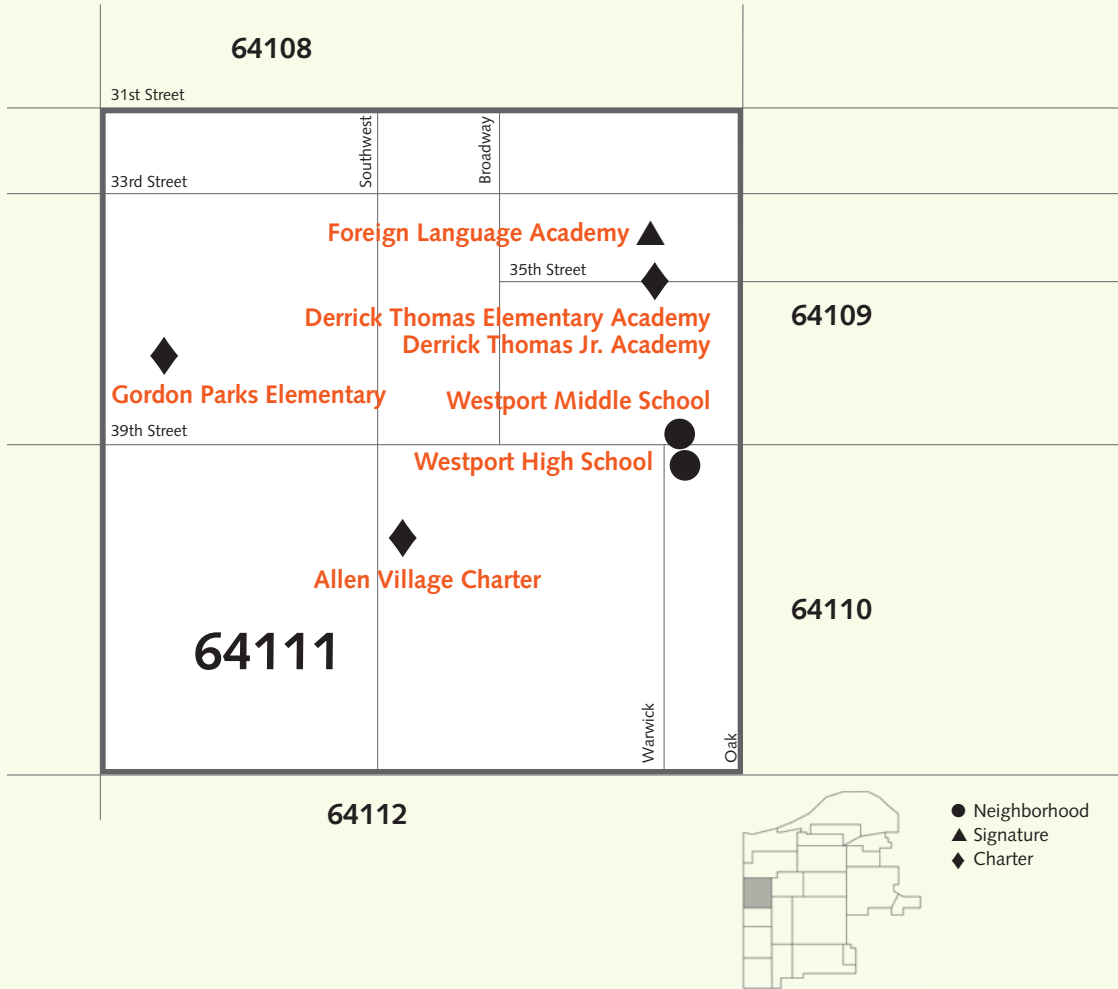
Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Troost Elementary	Neighborhood	Remaining Open	PK-7	PK-6	495	307	258	Level IV	14.8	14.8	269	87.6%
KCMSA Middle School	Signature	Program absorbed by Paseo	6-8	6-8	684	351	376	Level IV	19.2	13.1	144*	41.0%
Paseo High School	Selective	Absorbing KCMSA	9-12	9-12	1154	501	460	Level IV	73.6	22.4	76	15.2%
Brookside Frontier Math/Science Academy	Charter	Remaining Open	6-10	6-11	125	185	171	Level III	37.9	26.6	38	20.5%

*Due to KCMSA's location on the border between 64110 and 64130 and its lack of an attendance boundary, the Enrolled Students Residing in Zip Code is the number of students who reside in both of these zip codes.

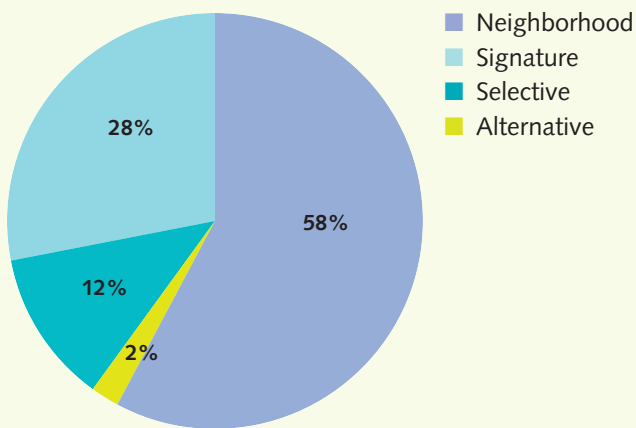
Enrollment of School-Age Population by School Type



Zip Code 64111



Enrollment of KCMSD Students Residing in the Zip Code by School Type



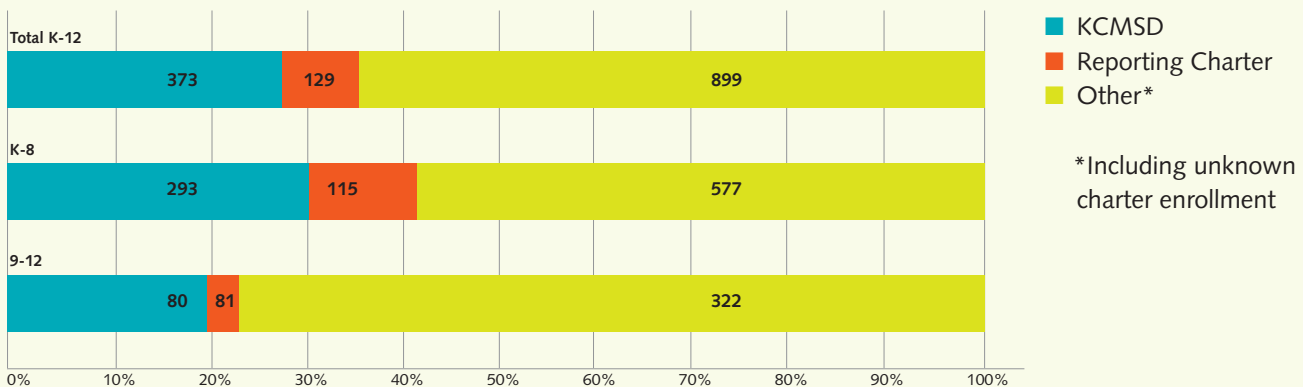
Zip Code 64111

- Overall K-12 Ranking: 19
- Total Population Estimate: 17,608
- School-Age Population Estimate (ages 4-17): 1,401
- 26.6 percent of school-age children in this zip code area attend a KCMSD school.
- The K-12 current enrollment service level in 64111 is 171 percent, due in part to the low percentage of school-age children attending KCMSD schools.

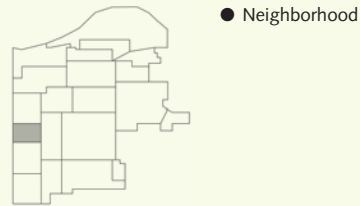
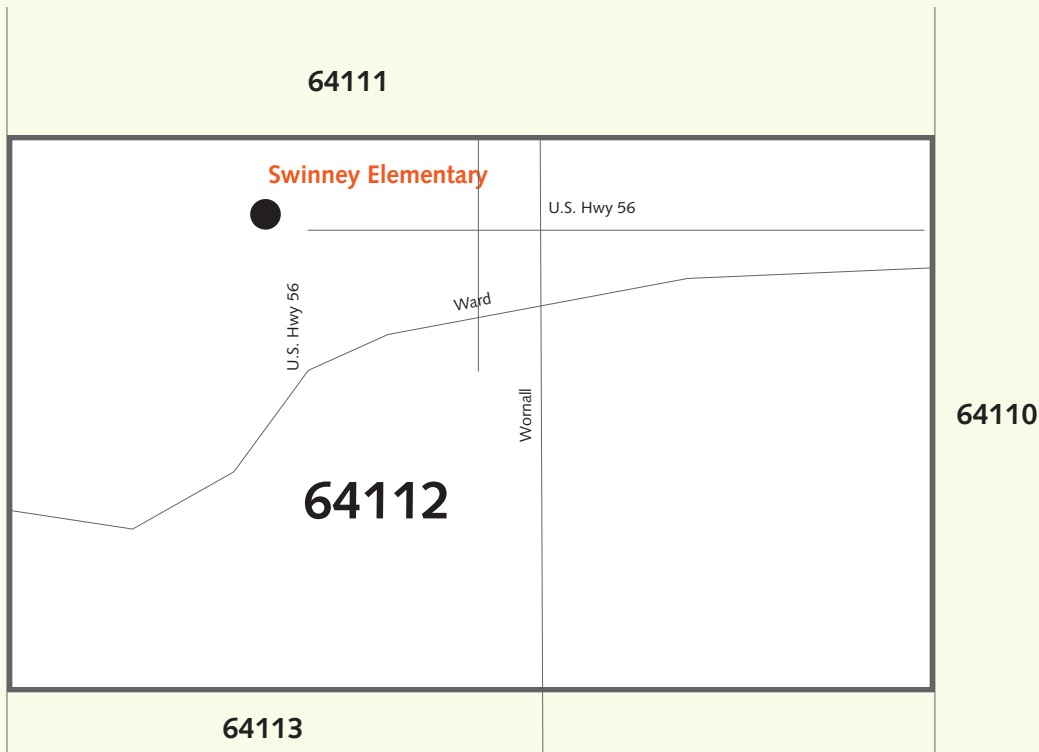
Schools Located in 64111

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Westport Middle School	Neighborhood	Closed 2009	8	N/A	848	74	N/A	Level IV	1.8	1.8	7	9.5%
Westport High School	Neighborhood	Program absorbed by Southwest Early College Campus	9-12	9-12	1,429	582	470	Level IV	39.5	14	491	84.4%
Foreign Language Academy	Signature	Absorbing Longan	PK-8	PK-8	894	577	514	Level II	48.8	50.9	53	9.2%
Allen Village Charter	Charter	Remaining Open	K-8	K-8	N/A	426	454	Level II	43.3	48.6	N/A	N/A
Derrick Thomas Elementary	Charter	Remaining Open	K-5	K-5	N/A	675	675	Level IV	24.7	22.1	N/A	N/A
Derrick Thomas Middle	Charter	Remaining Open	6-8	6-8	N/A	277	277	Level IV	19.6	30.6	N/A	N/A
Gordon Parks Elementary	Charter	Remaining Open	K-5	K-5	212	213	223	Level IV	7.5	7.5	20	9.4%

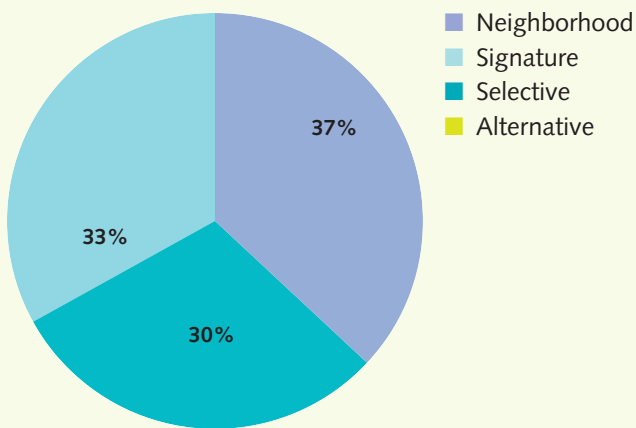
Enrollment of School-Age Population by School Type



Zip Code 64112



Enrollment of KCMSD Students Residing in the Zip Code by School Type



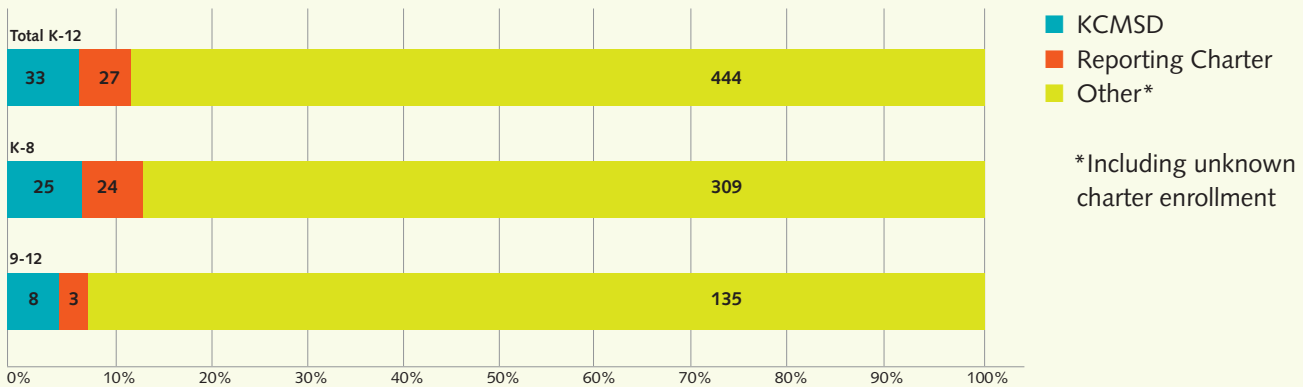
Zip Code 64112

- Overall K-12 Ranking: 9
- Total Population Estimate: 8,226
- School-Age Population Estimate (ages 4-17): 504
- 6.5 percent of school-age children in this zip code area attend a KCMSD school.
- The current enrollment service level in 64112 is 0 percent.
- Although only 33 children in 64112 attend KCMSD schools, almost one-third attend a selective school.

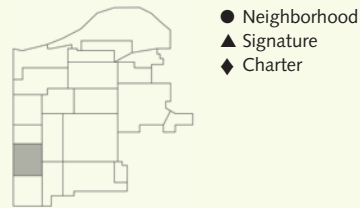
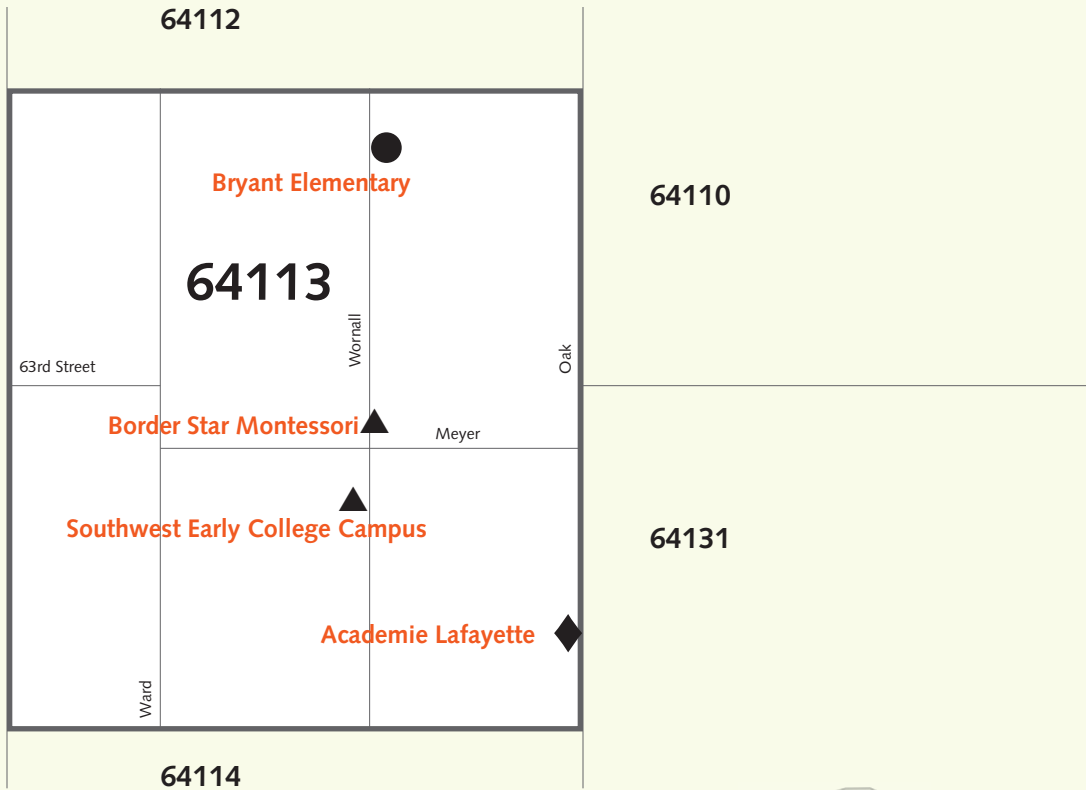
Schools Located in 64112

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Swinney Elementary	Neighborhood	Program absorbed by Carver	K-7	PK-8	416	241	350	Level IV	23.6	27.3	86	35.7%

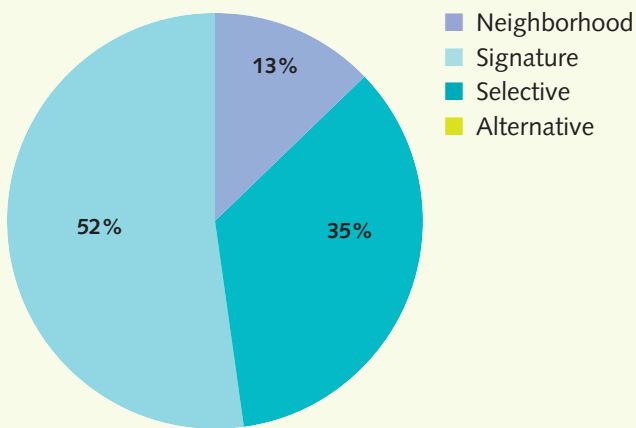
Enrollment of School-Age Population by School Type



Zip Code 64113



Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64113

- Overall K-12 Ranking: 20
- Total Population Estimate: 11,302
- School-Age Population Estimate (ages 4-17): 2,209
- 3.4 percent of school-age children in this zip code area attend a KCMSD school, which is the lowest of any zip code.
- 64113 has 1,394 excess Level I-III seats due to the three Level I-III schools located in the zip code and so few children attending KCMSD.
- The only Level I charter school, Academie Lafayette, is located in this zip code area.

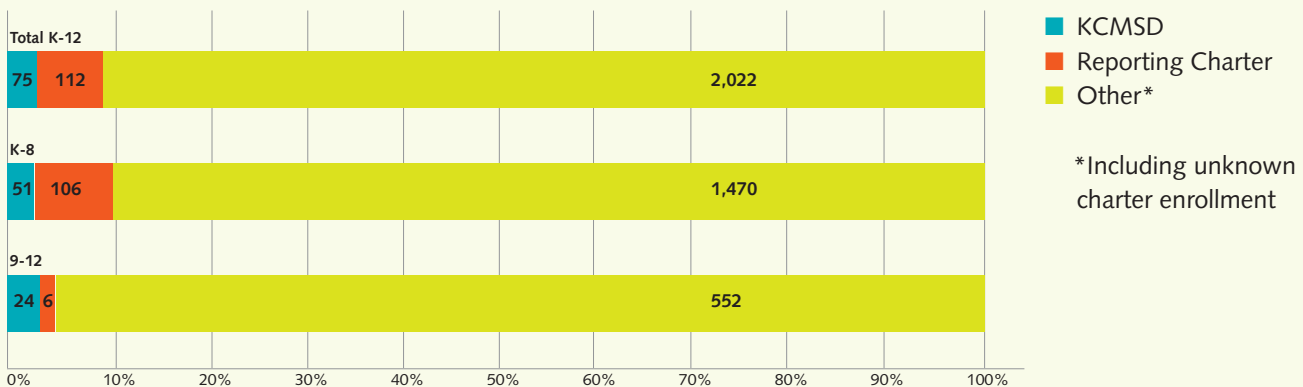
Schools Located in 64113

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Bryant Elementary	Neighborhood	Closed 2009	K-7	N/A	383	244	N/A	Level IV	21.7	16	3	1.2%
Southwest Early College Campus	Signature	Absorbing Westport High School	6, 9	6,7,9,10	2,088	240	450	Level III*	26	24.1	3	1.3%
Border Star Montessori	Signature	Absorbing part of Faxon Montessori	PK-6	PK-6	425	171	190	Level II	54.7	40.6	28	16.4%
Academie Lafayette	Charter	Remaining Open	K-8	K-8	560	479	483	Level I	70.1	64.5	160**	33.4%

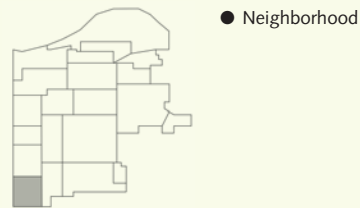
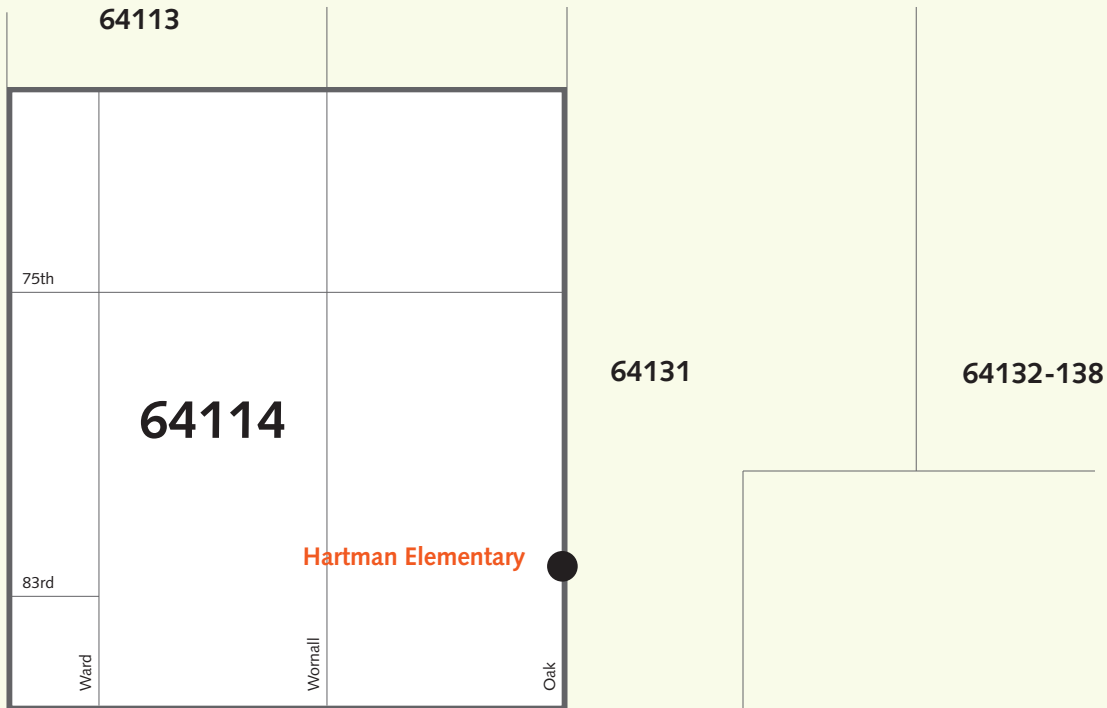
*Only students in grade 6 in 2008-2009 were within MAP testing range, therefore only half the capacity in this school is included in the performing capacity.

**Due to Academie Lafayette's location on the border between 64113 and 64131, the Enrolled Students Residing in Zip Code is the number of students who reside in both of these zip codes.

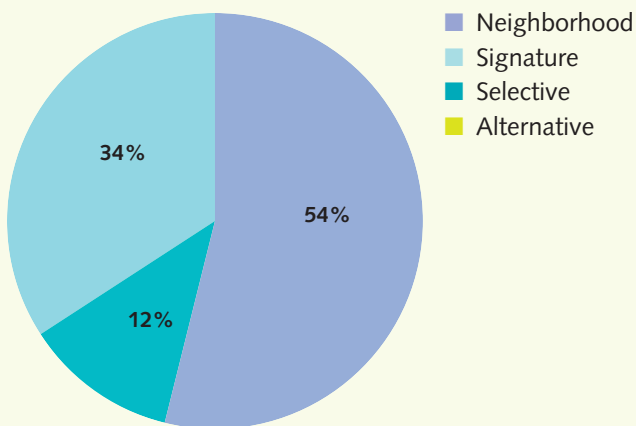
Enrollment of School-Age Population by School Type



Zip Code 64114



Enrollment of KCMSD Students Residing in the Zip Code by School Type



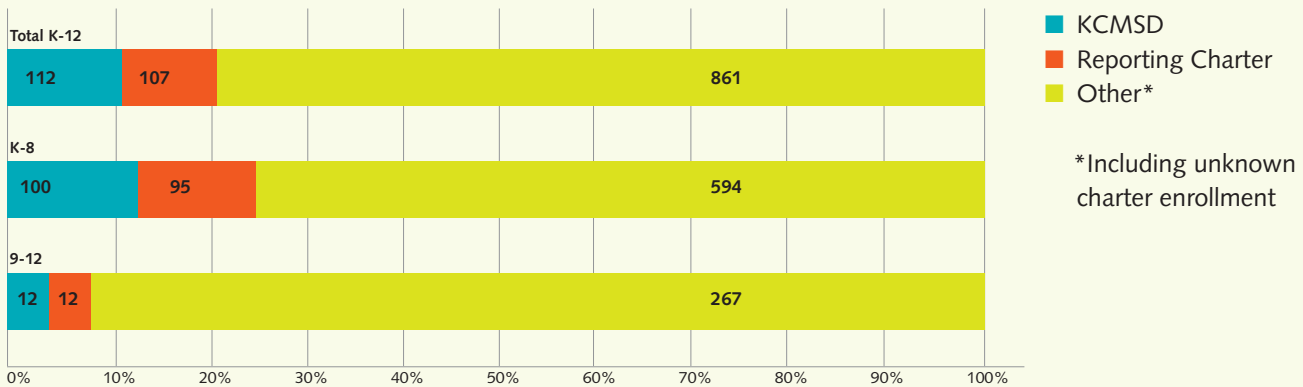
Zip Code 64114

- Overall K-12 Ranking: 14
- Total Population Estimate: 8,812
- School-Age Population Estimate (ages 4-17): 1,080
- 10.4 percent of school-age children in this zip code area attend a KCMSD school.
- 64114 is home to Hartman Elementary, the only Level I neighborhood school, and one of only two non-selective Level I KCMSD schools.
- The K-12 current enrollment service level in 64114 is 126.8 percent, due in part to the low percentage of school-age children attending KCMSD schools.

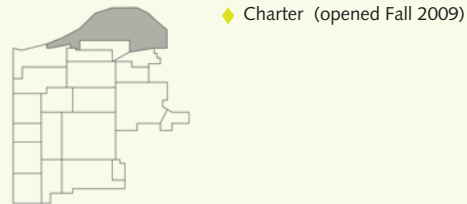
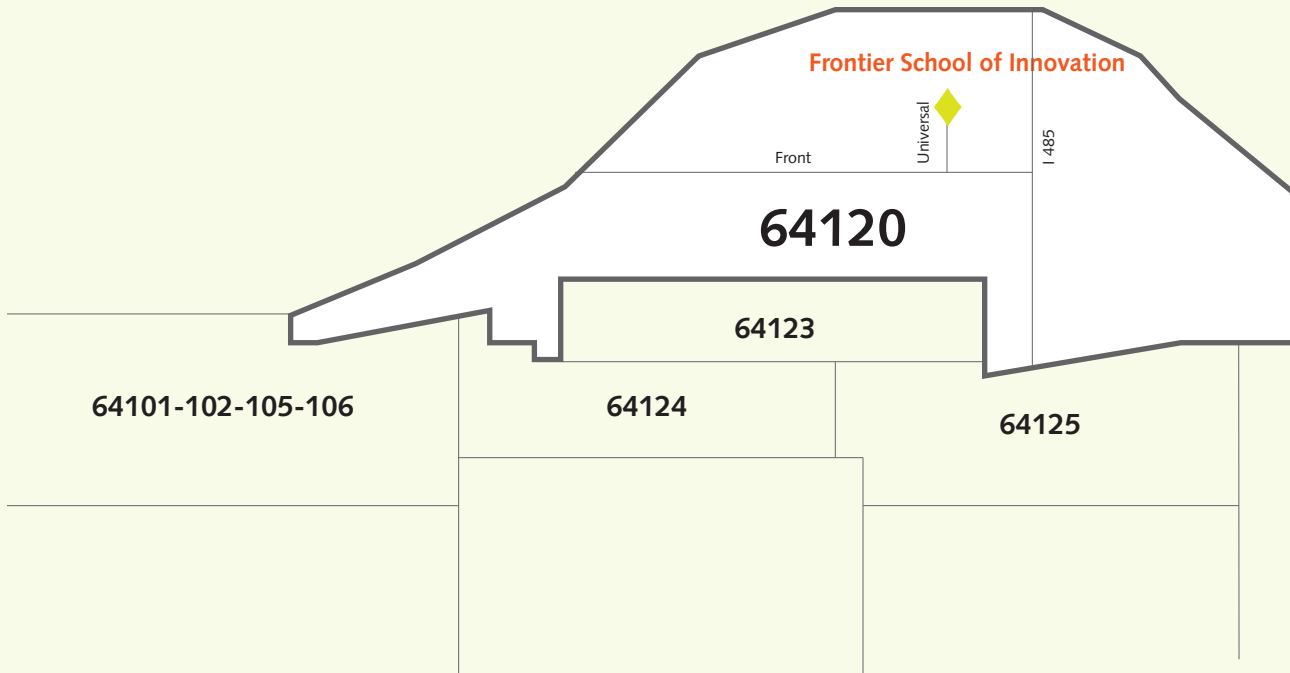
Schools Located in 64114

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Hartman Elementary	Neighborhood	Remaining open	PK-7	PK-5	570	230	320	Level I	52.3	57.8	171	74.3%

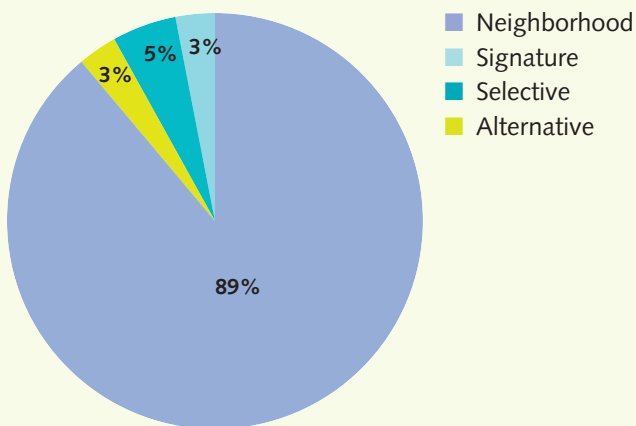
Enrollment of School-Age Population by School Type



Zip Code 64120



Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64120

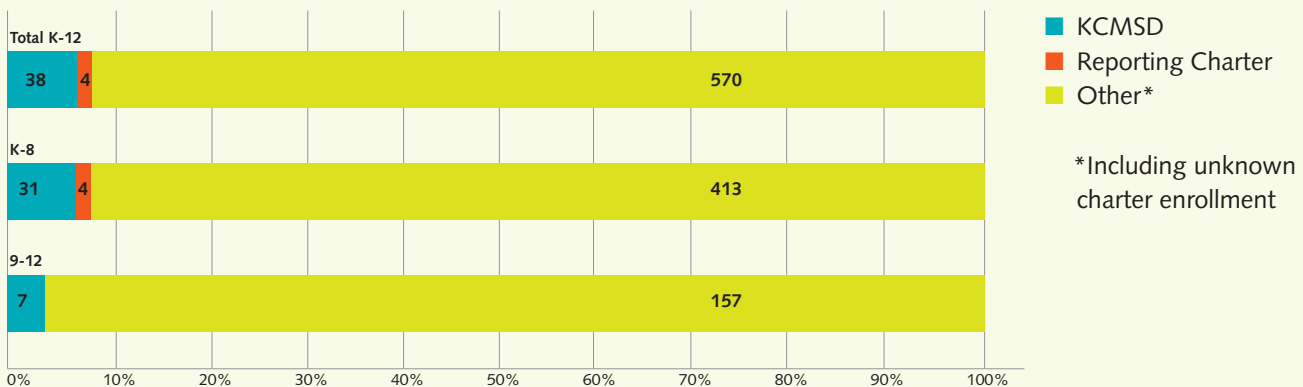
- Overall K-12 Ranking: 16
- Total Population Estimate: 3,038
- School-Age Population Estimate (ages 4-17): 612
- 6.2 percent of school-age children in this zip code area attend a KCMSD school.
- 64120 has the second lowest percentage of school-age children attending a KCMSD school in the district.
- There were no KCMSD or charter schools located in this zip code in the 2008-2009 school year, and one charter opened in the 2009-2010 school year.

Schools Located in 64120

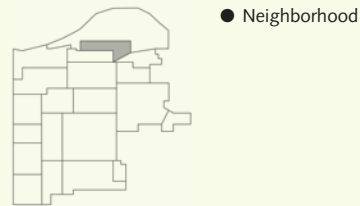
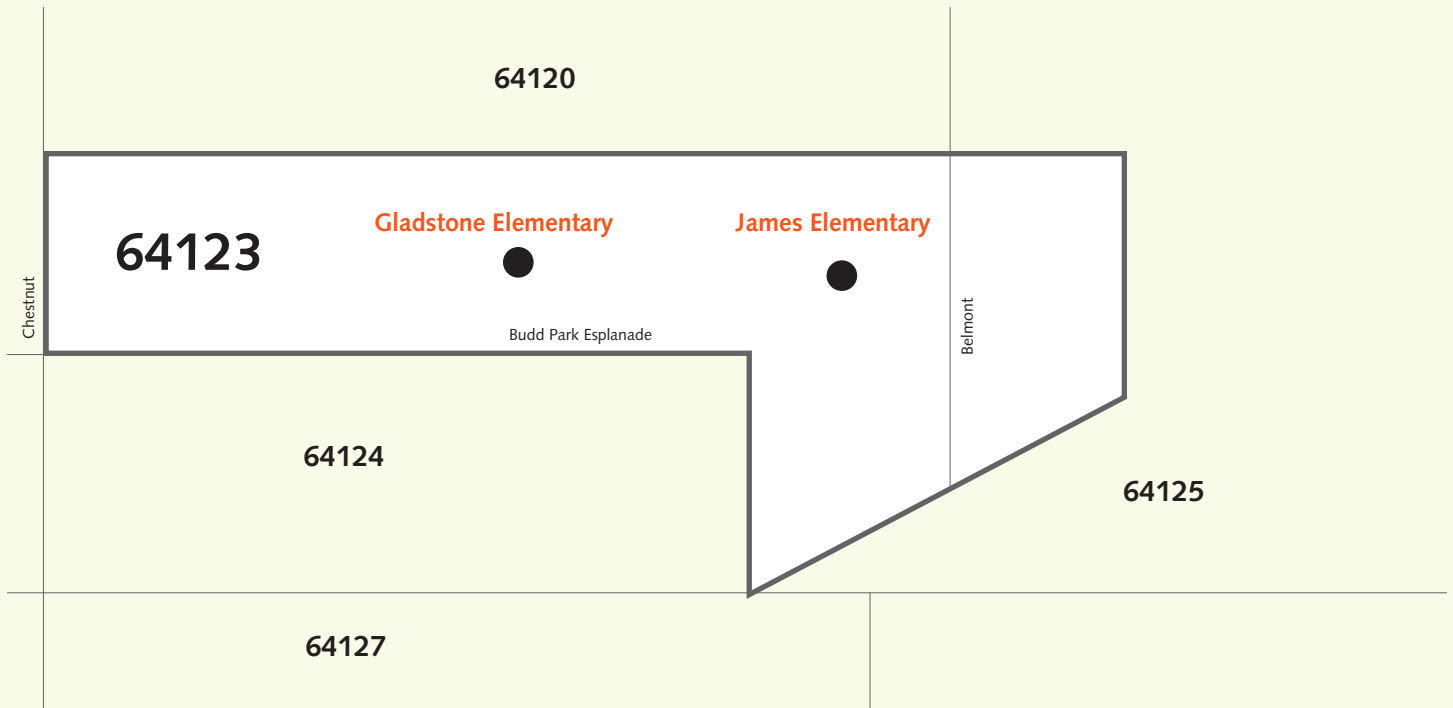
Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Frontier School of Innovation*	Charter	Remaining Open	N/A	K-5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*School opened in Fall 2009 and was not included in the analysis. It is listed here for reference.

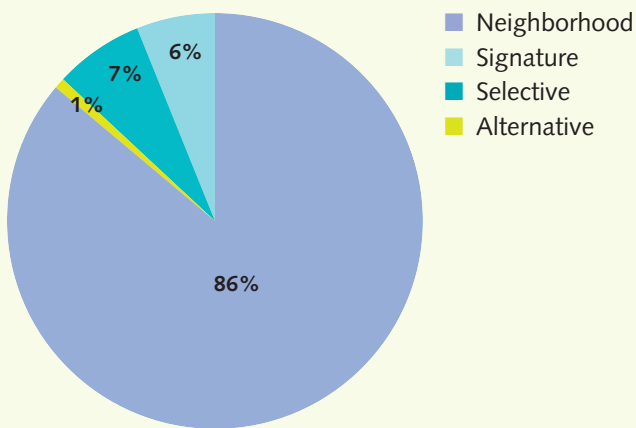
Enrollment of School-Age Population by School Type



Zip Code 64123



Enrollment of KCMSD Students Residing in the Zip Code by School Type



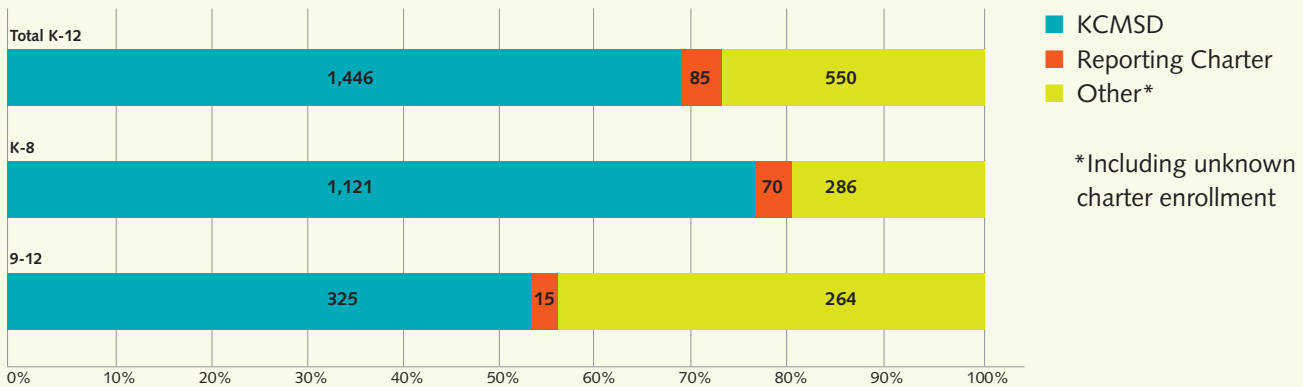
Zip Code 64123

- Overall K-12 Ranking: 12
- Total Population Estimate: 11,012
- School-Age Population Estimate (ages 4-17): 2,081
- 69.5 percent of school-age children in this zip code area attend a KCMSD school.
- 86 percent of KCMSD students residing in 64123 attend a Neighborhood school.

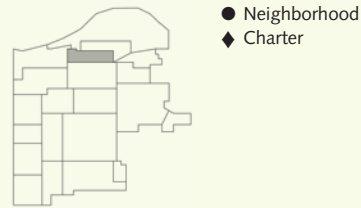
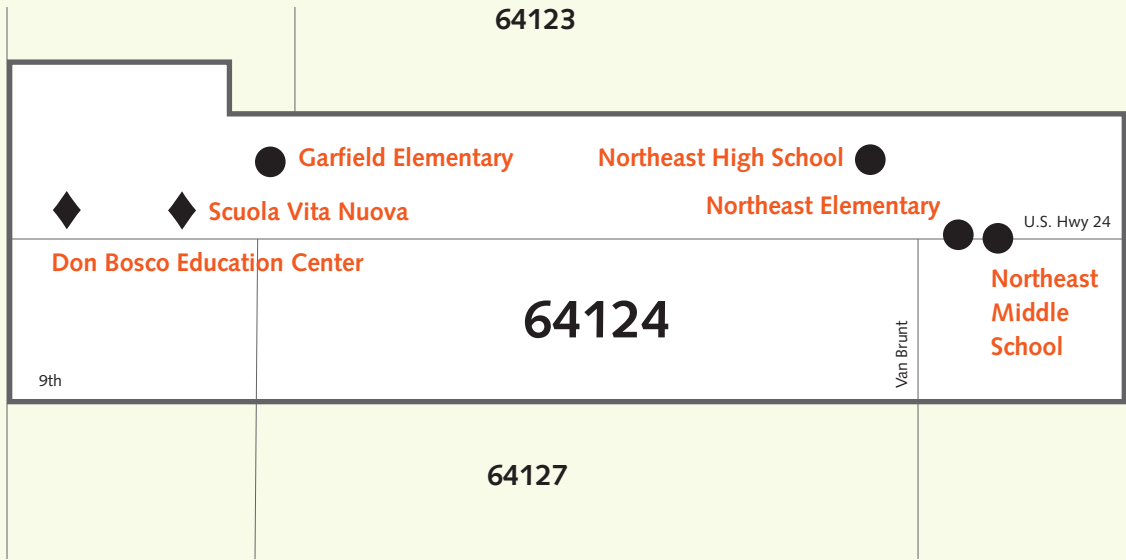
Schools Located in 64123

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Gladstone Elementary	Neighborhood	Remaining Open	K-7	K-8	574	429	427	Level III	30.4	23.1	291	67.8%
James Elementary	Neighborhood	Remaining Open	K-7	K-8	429	302	329	Level IV	21.3	21.3	235	77.8%

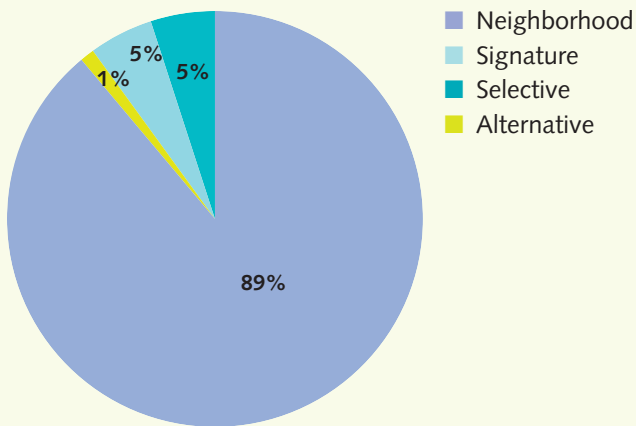
Enrollment of School-Age Population by School Type



Zip Code 64124



Enrollment of KCMSD Students Residing in the Zip Code by School Type



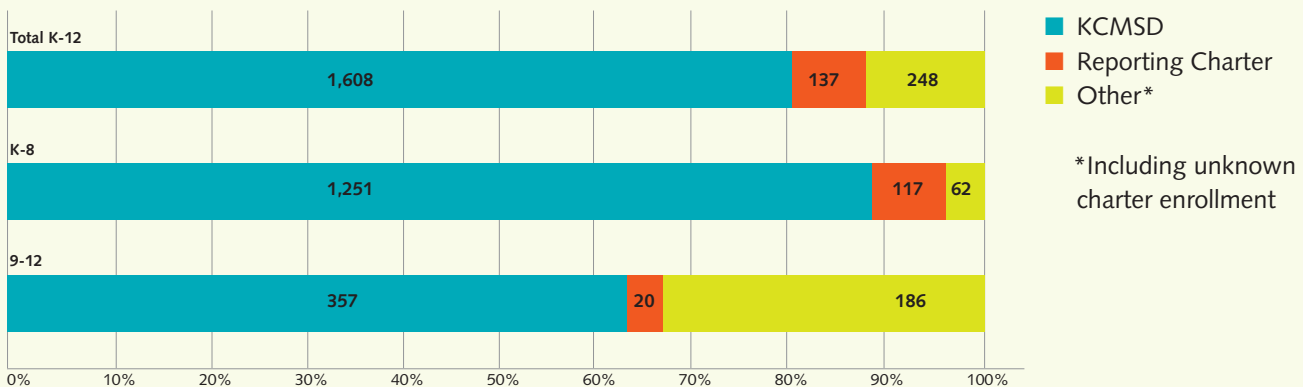
Zip Code 64124

- Overall K-12 Ranking: 5
- Total Population Estimate: 9,717
- School-Age Population Estimate (ages 4-17): 1,993
- 80.7 percent of school-age children in this zip code area attend a KCMSD school.
- 64124 has the second highest percentage of school-age children attending a KCMSD school in the district.

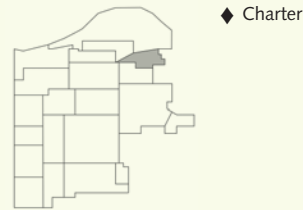
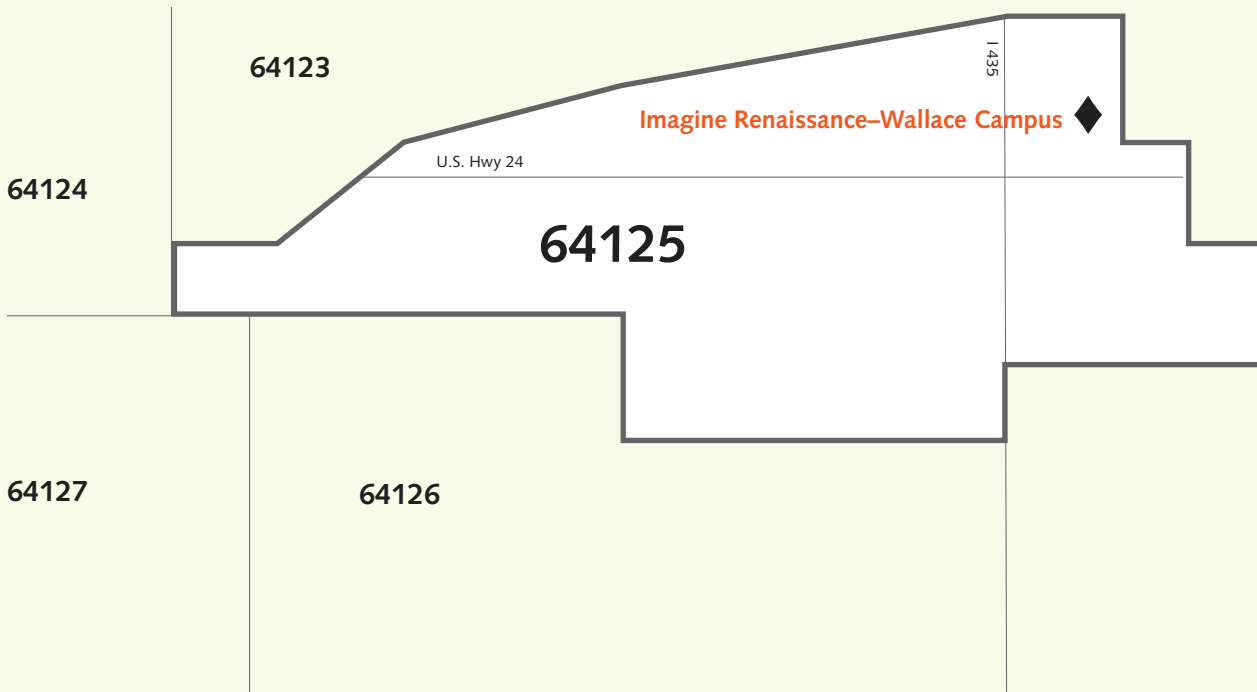
Schools Located in 64124

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Garfield Elementary	Neighborhood	Remaining Open	K-7	K-8	632	411	387	Level II	48.6	57.2	375	91.2%
Northeast Elementary	Neighborhood	Closing	K-7	K-8	1,025	429	455	Level IV	18	26.5	395	92.1%
Northeast Middle School	Neighborhood	Closed 2009	8	N/A	190	194	N/A	Level IV	9.9	6.8	59	30.4%
Northeast High School	Neighborhood	Remaining Open	9-12	9-12	1,366	921	702	Level IV	50.3	13.3	802	87.1%
Don Bosco Education Center	Charter	Remaining Open	9-12	9-12	240	203	233	Level IV	2.6	0.6	12	5.9%
Scuola Vita Nuova	Charter	Remaining Open	K-8	K-8	200	216	204	Level III	36.7	24.4	89	41.2%

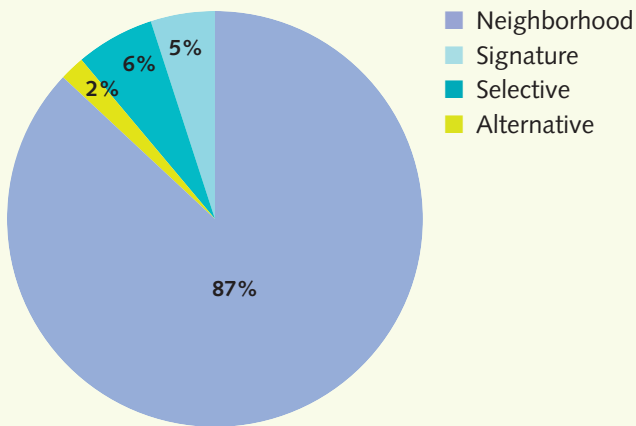
Enrollment of School-Age Population by School Type



Zip Code 64125



Enrollment of KCMSD Students Residing in the Zip Code by School Type



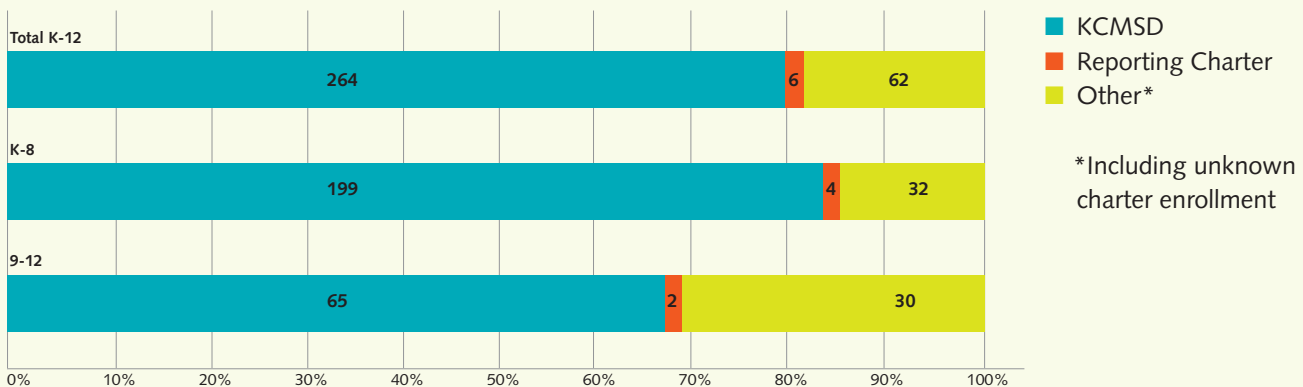
Zip Code 64125

- Overall K-12 Ranking: 10
- Total Population Estimate: 1,631
- School-Age Population Estimate (ages 4-17): 332
- 79.5 percent of school-age children in this zip code area attend a KCMSD school.
- The current enrollment service level in 64125 is 0 percent.

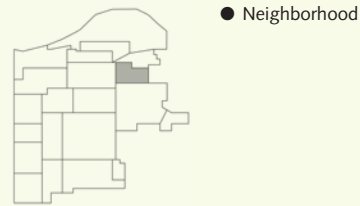
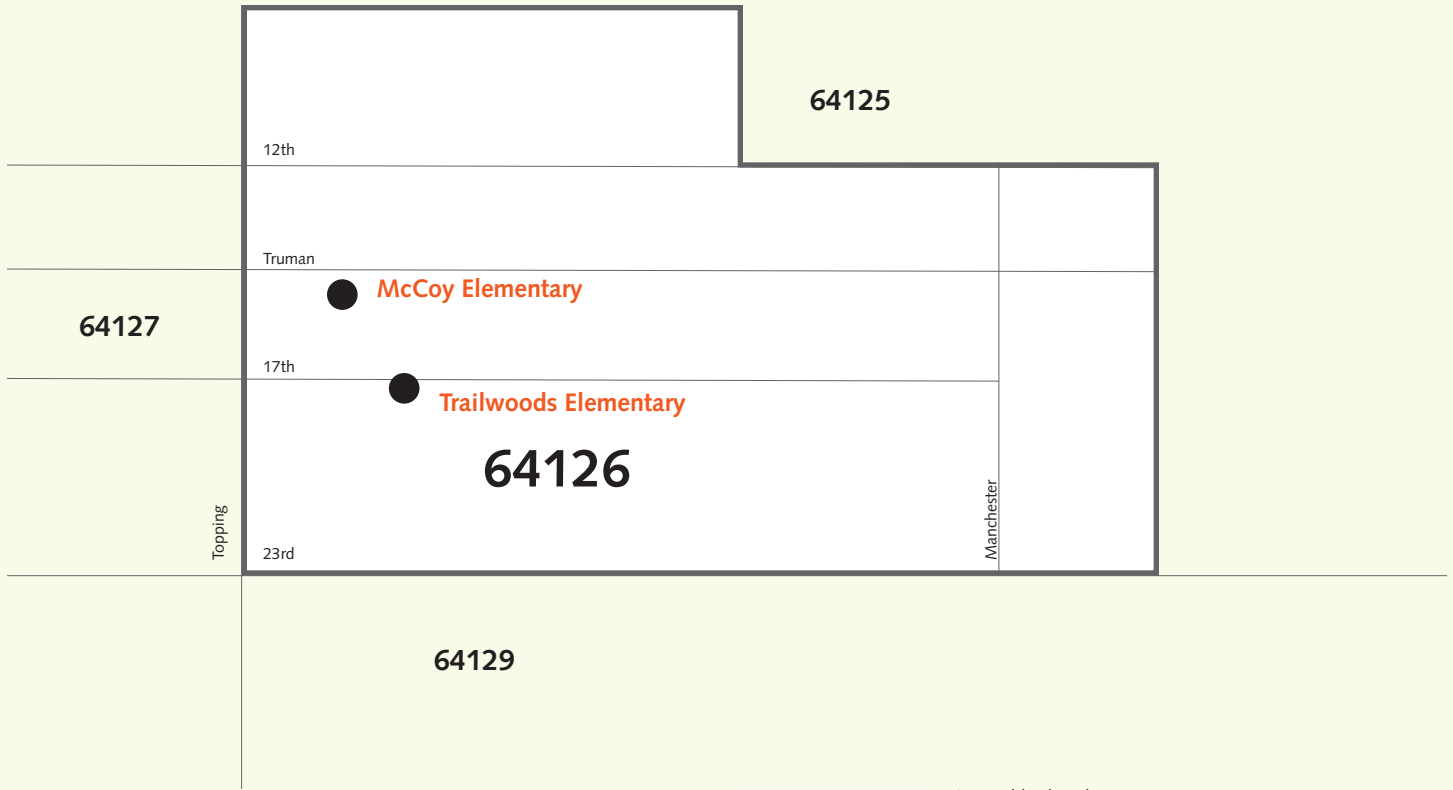
Schools Located in 64125

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Imagine Renaissance–Wallace Campus	Charter	Remaining Open	6-12	6-12	N/A	750	750	Level IV	17.8	6.6	N/A	N/A

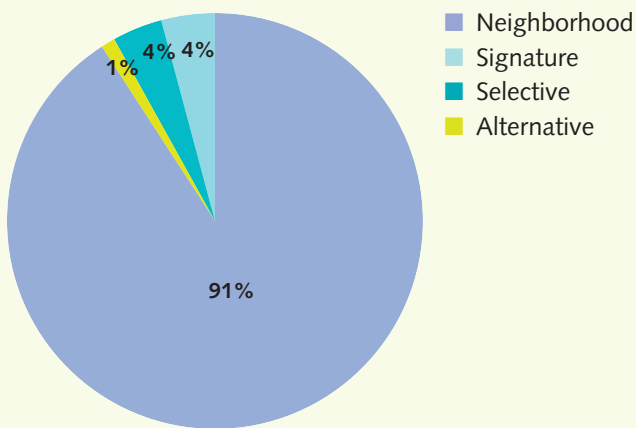
Enrollment of School-Age Population by School Type



Zip Code 64126



Enrollment of KCMSD Students Residing in the Zip Code by School Type



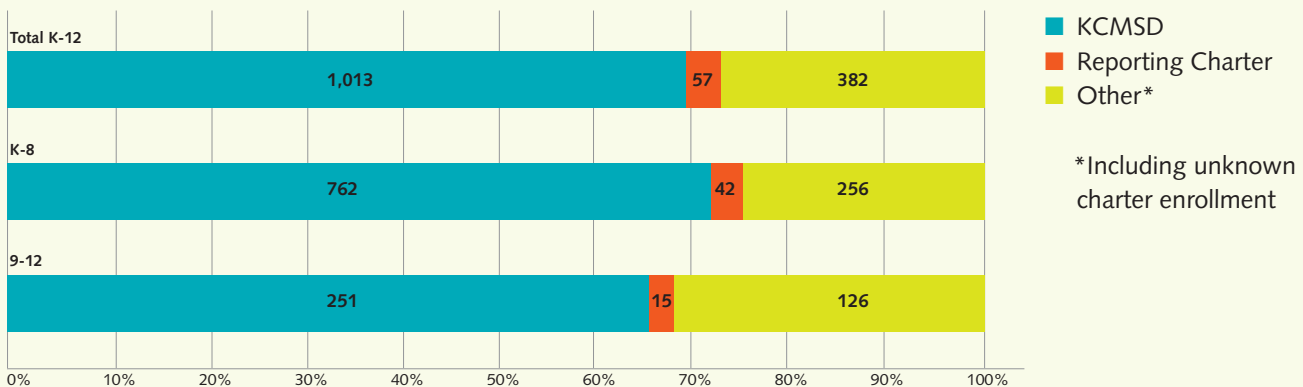
Zip Code 64126

- Overall K-12 Ranking: 8
- Total Population Estimate: 5,806
- School-Age Population Estimate (ages 4-17): 1,452
- 69.8 percent of school-age children in this zip code area attend a KCMSD school.
- McCoy Elementary, a Level III school, closed at the end of the 2009-2010 school year.
- 91 percent of KCMSD students residing in 64126 attend a Neighborhood school, the highest in the district.

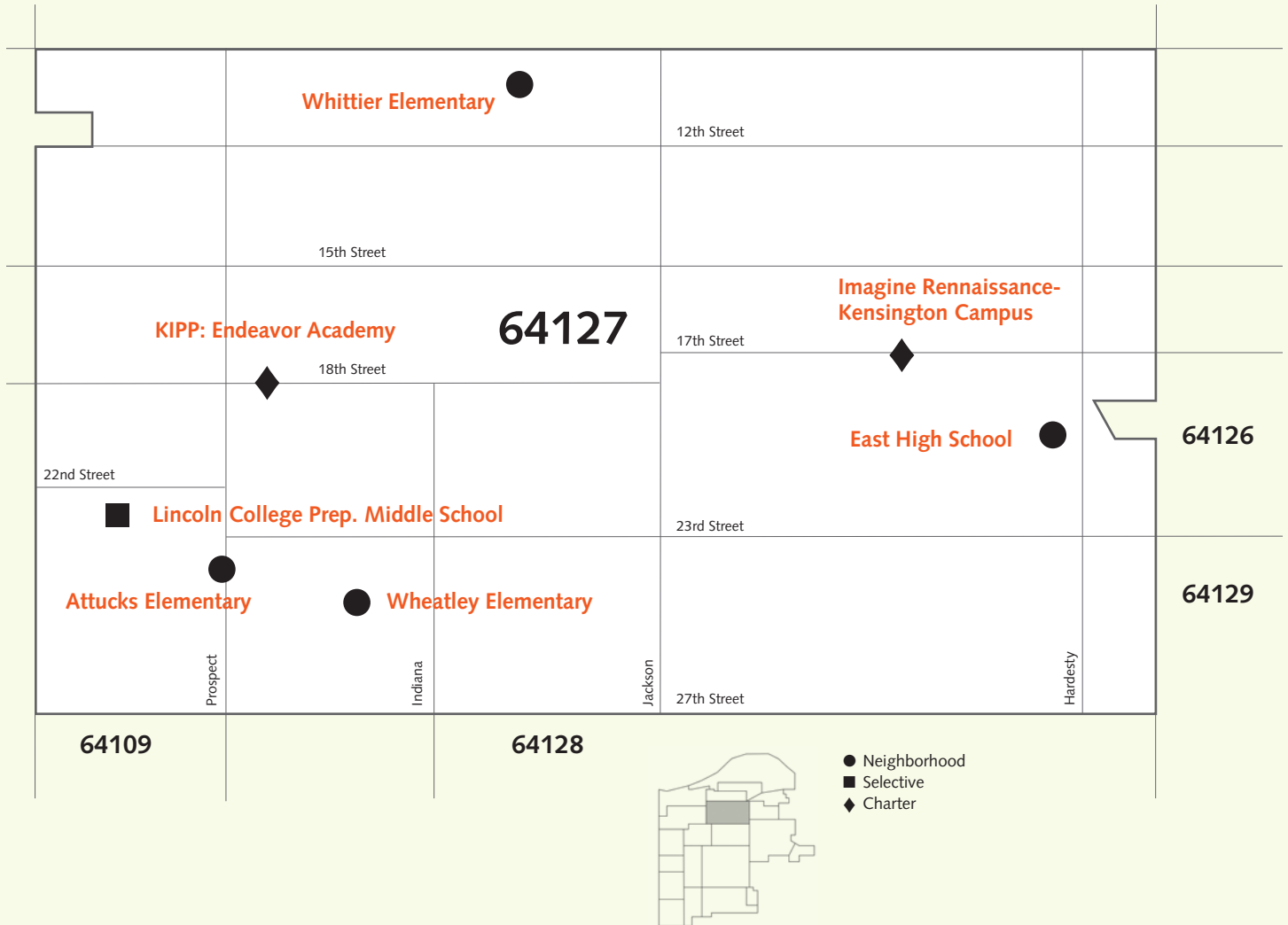
Schools Located in 64126

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
McCoy Elementary	Neighborhood	Closing	PK-7	PK-8	288	206	182	Level III	26.2	28.7	151	73.3%
Trailwoods Elementary	Neighborhood	Remaining open	PK-8	PK-8	444	409	435	Level IV	21.4	32.1	337	82.4%

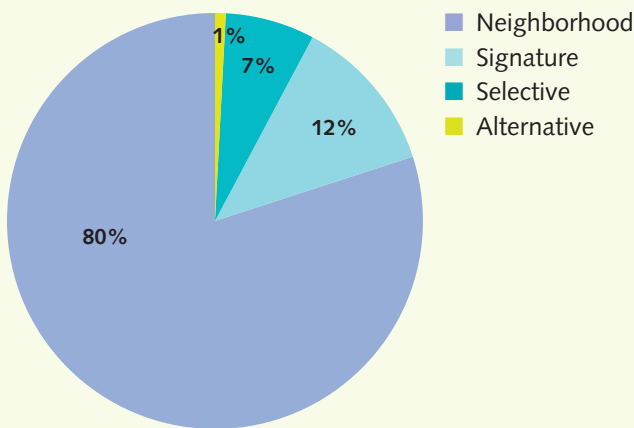
Enrollment of School-Age Population by School Type



Zip Code 64127



Enrollment of KCMSD Students Residing in the Zip Code by School Type



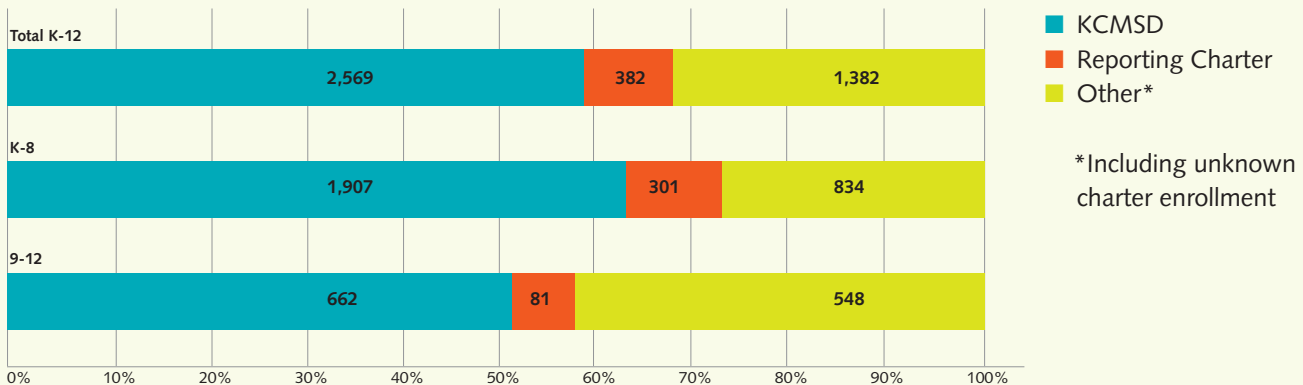
Zip Code 64127

- Overall K-12 Ranking: 2
- Total Population Estimate: 20,218
- School-Age Population Estimate (ages 4-17): 4,333
- 59.3 percent of school-age children in this zip code area attend a KCMSD school.
- Lincoln College Prep Middle School, one of the few Level I KCMSD schools in the district, will be absorbed by Lincoln College Prep High School, located in 64108, in the 2010-2011 school year.
- Despite having a Level I school located in the zip code area during the 2008-2009 school year, 64127 has the largest K-12 service gap with a need for 2,424 seats.

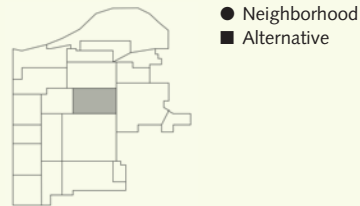
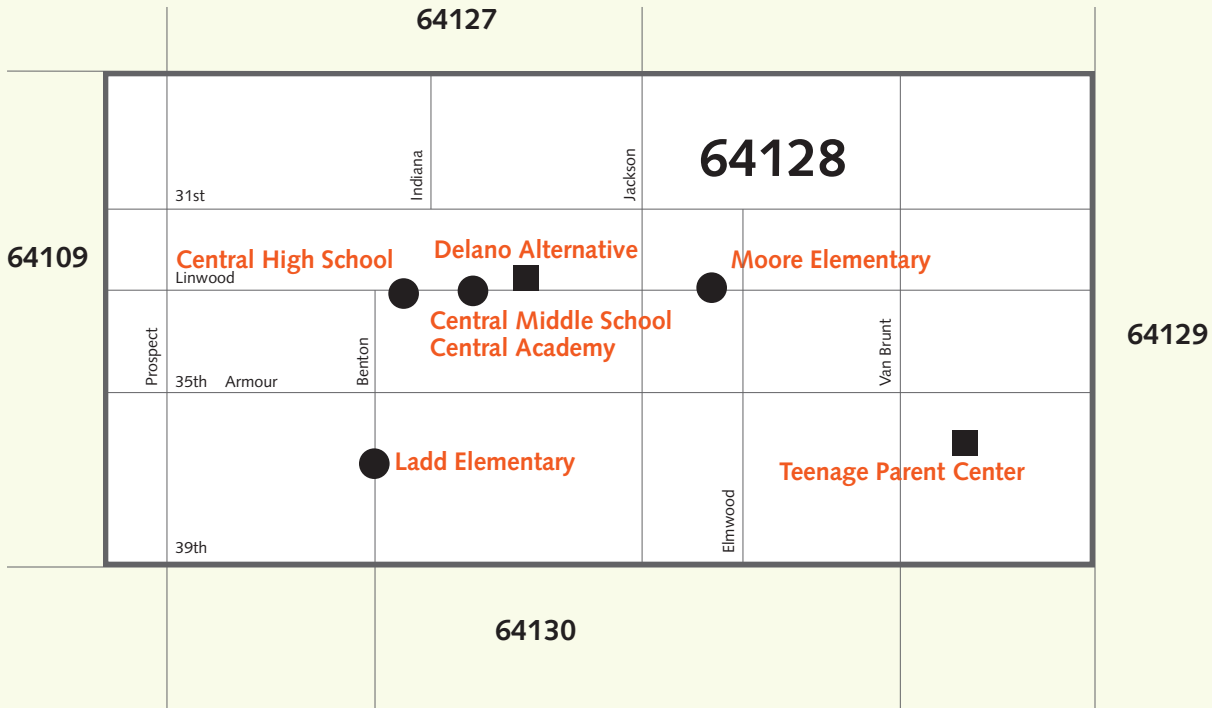
Schools Located in 64127

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Attucks Elementary	Neighborhood	Remaining Open	PK-7	PK-8	408	270	320	Level IV	15.5	9.3	203	75.2%
East High School	Neighborhood	Remaining Open	8-12	9-12	969	696	713	Level IV	24.5	11.2	648	93.1%
Wheatley Elementary	Neighborhood	Remaining Open	PK-7	PK-6	493	311	299	Level IV	16.3	18.7	219	70.4%
Whittier Elementary	Neighborhood	Remaining Open	K-7	K-8	464	410	374	Level IV	16.3	16.8	390	95.1%
Lincoln College Prep. Middle School	Selective	Program absorbed by Lincoln College Prep High School	6-8	6-8	713	431	422	Level I	74.8	70.4	52	12.1%
KIPP: Endeavor Academy	Charter	Remaining Open	5-6	5-7	270	161	115	Level IV	22.2	23.2	30	18.6%
Imagine Renaissance-Kensington Campus	Charter	Remaining Open	K-5	K-5	N/A	583	583	Level IV	11.8	13.2	N/A	N/A

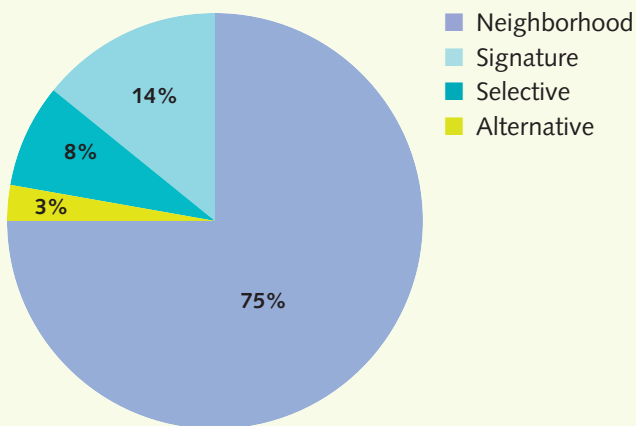
Enrollment of School-Age Population by School Type



Zip Code 64128



Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64128

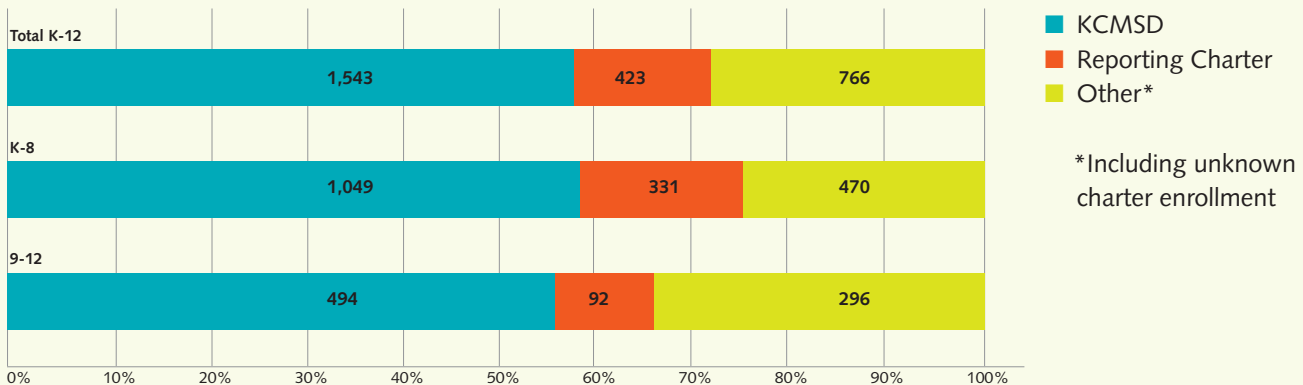
- Overall K-12 Ranking: 1
- Total Population Estimate: 13,675
- School-Age Population Estimate (ages 4-17): 2,732
- 56.5 percent of school-age children in this zip code area attend a KCMSD school.
- Delano Alternative, a Level III school and the only Level I-III alternative school, is located in 64128.
- The current enrollment service level in 64128 is 0 percent.

Schools Located in 64128

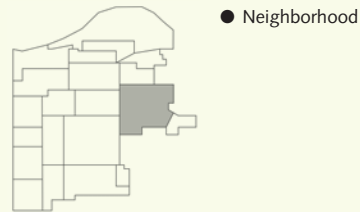
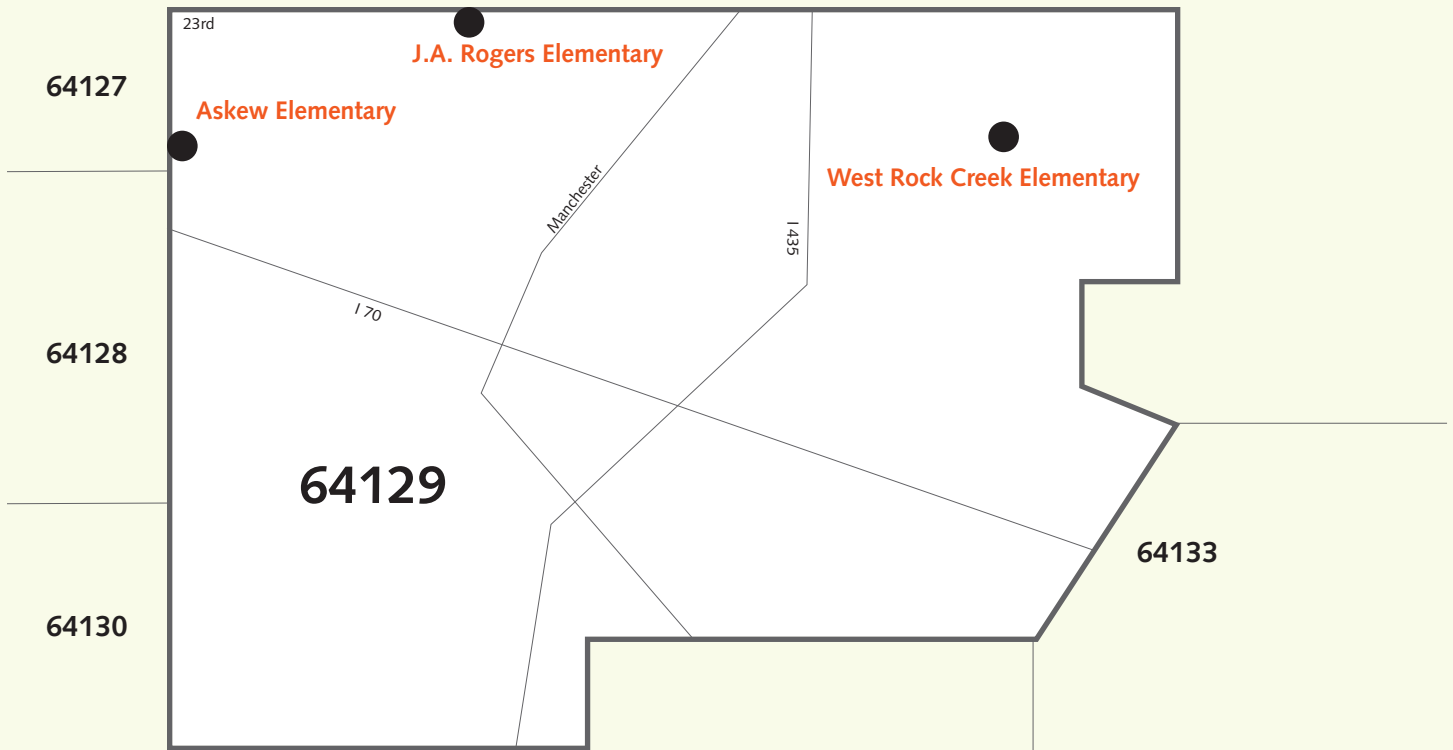
Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Central Middle School	Neighborhood	Closed 2009	8	N/A	732	214	N/A	Level IV	11.4	2.4	44	20.6%
Central High School	Neighborhood	Remaining Open	9-12	9-12	1,282	743	586	Level IV	29.7	5.4	556	74.8%
Ladd Elementary	Neighborhood	Closing	PK-7	PK-8	433	166	178	Level IV	9.6	6	134	80.7%
Moore Elementary	Neighborhood	Closing	K-7	K-8	375	251	227	Level IV	10.5	8.9	211	84.1%
Central Academy*	Alternative	Closing (Opened 2009)	N/A	5-8	732	N/A	85	Level IV	N/A	N/A	N/A	N/A
Delano Alternative	Alternative	Remaining Open	PK-12	PK-12	120	78	81	Level III	25.6	28.8	76	15.2%
Teenage Parent Center	Alternative	Closing	6-12	6-12	230	72	76	Level IV	7.4	5.3	15	20.8%

*School opened in Fall 2009 and was not included in the analysis. It is listed here for reference.

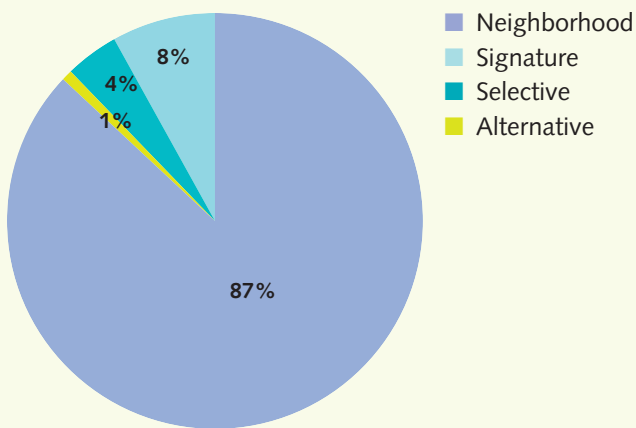
Enrollment of School-Age Population by School Type



Zip Code 64129



Enrollment of KCMSD Students Residing in the Zip Code by School Type



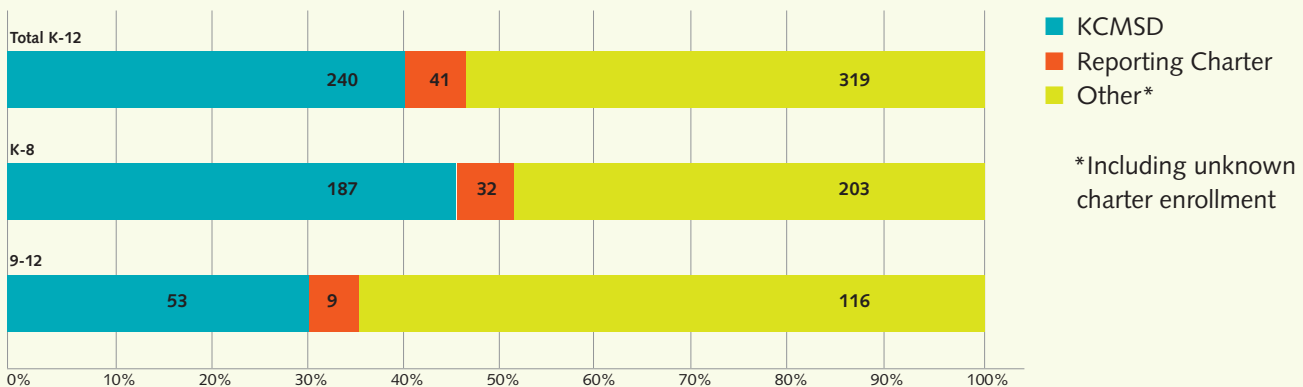
Zip Code 64129

- Overall K-12 Ranking: 6
- Total Population Estimate: 3,324
- School-Age Population Estimate (ages 4-17): 600
- 40.0 percent of school-age children in this zip code area attend a KCMSD school.
- The current enrollment service level in 64129 is 0 percent.

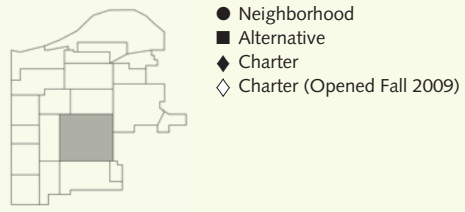
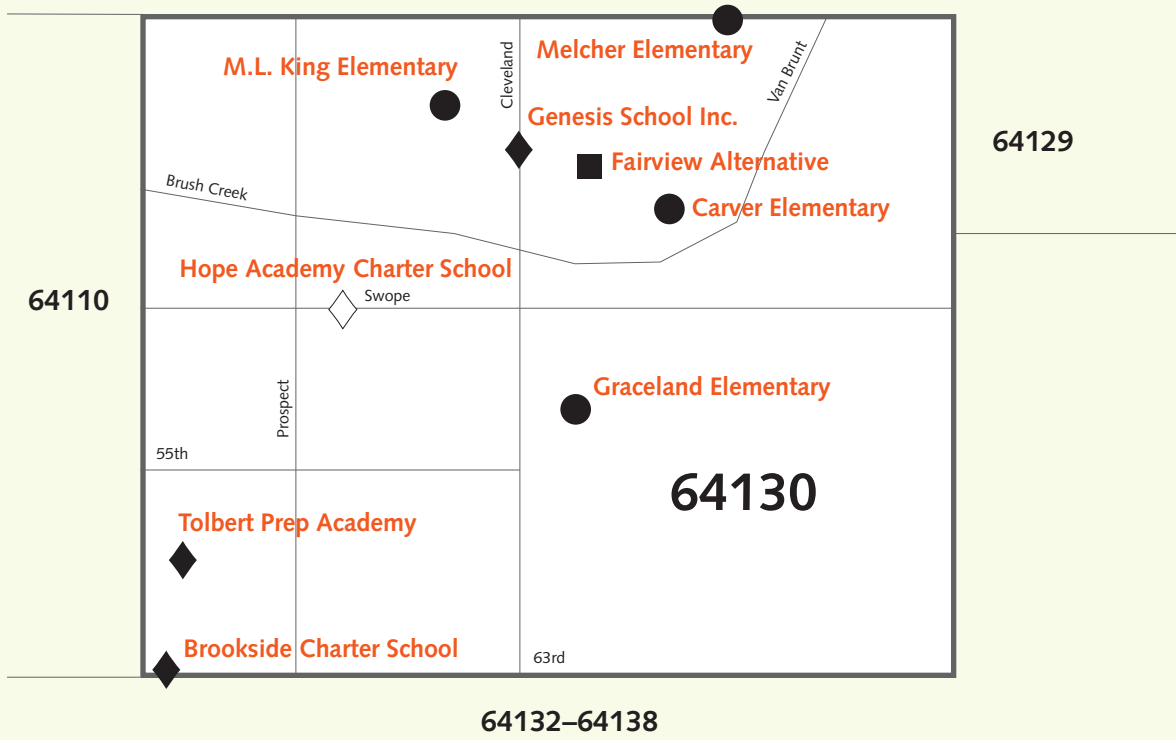
Schools Located in 64129

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Askew Elementary	Neighborhood	Closing	PK-7	K-8	358	335	331	Level IV	17.2	11.3	301	89.9%
J. A. Rogers Academy	Neighborhood	Remaining Open	PK-8	PK-8	911	536	535	Level IV	21.4	18.9	470	87.7%
West Rock Creek Elementary	Neighborhood	Closing	K-7	K-8	242	202	217	Level IV	18.9	22.2	170	84.2%

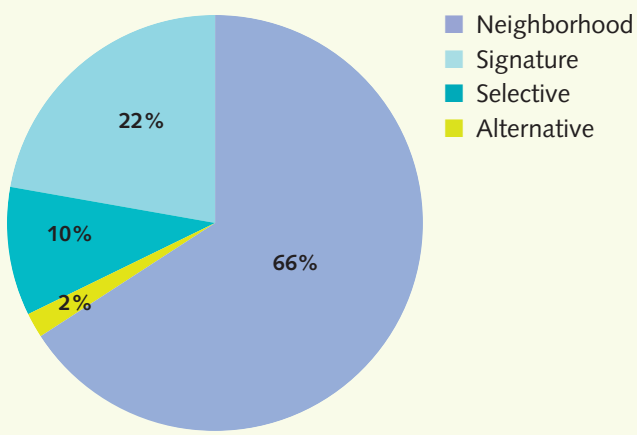
Enrollment of School-Age Population by School Type



Zip Code 64130



Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64130

- Overall K-12 Ranking: 3
- Total Population Estimate: 25,284
- School-Age Population Estimate (ages 4-17): 5,040
- 54.4 percent of school-age children in this zip code area attend a KCMSD school.
- 64130 has the largest school-age population in the district.
- This zip code has a K-12 current enrollment service gap of 2,107 seats, the second highest in the district.

Schools Located in 64130

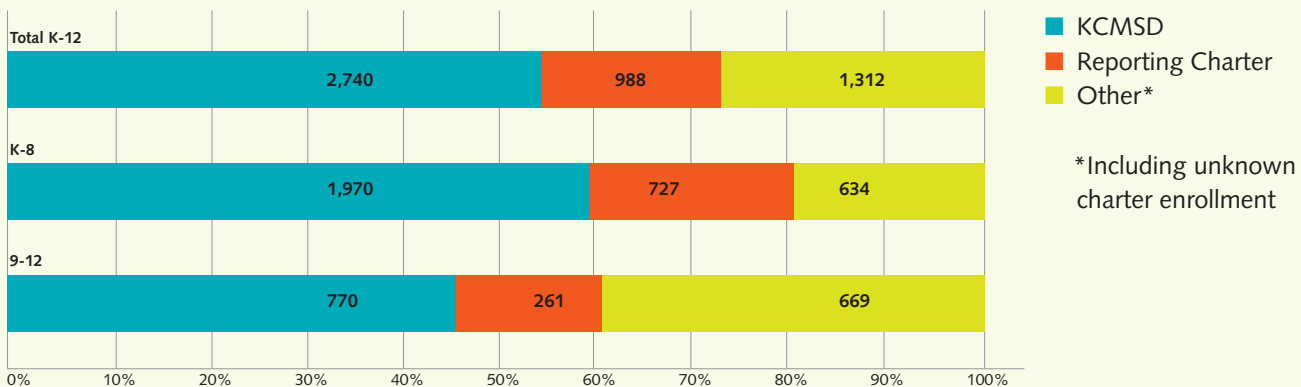
Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Carver Elementary	Neighborhood	Absorbing Swinney	K-7	K-8	423	250	325	Level IV	14.3	12.6	200	80.0%
Graceland Elementary	Neighborhood	Closed 2009	K-7	N/A	308	137	N/A	Level IV	16.4	6	112	81.8%
M.L. King Elementary	Neighborhood	Absorbing Richardson	K-7	K-8	796	211	250	Level IV	9.5	15.8	183	86.7%
Melcher Elementary	Neighborhood	Remaining Open	K-7	K-8	398	287	255	Level IV	15.7	17.9	256	89.2%
Fairview Alternative	Alternative	Closed 2009	K-8	N/A	398	48	N/A	Level IV	4.3	0	8	16.7%
Brookside Charter School	Charter	Remaining Open	K-5	K-5	280	303	255	Level III	30.1	33	180*	59.4%
Genesis School Inc.	Charter	Remaining Open	6-9	6-9	150	159	105	Level IV	7.3	6.3	54**	34.0%
Tolbert Prep Academy	Charter	Remaining Open	9-11	9-12	180	233	203	Level IV	50	2.5	109	46.8%
Hope School***	Charter	Remaining Open	N/A	9-12	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Due to Brookside's location on the border between 64130, 64132-138, 64131, and 64110 the Enrolled Students Residing in Zip Code is the number of students who reside in all four of these zip codes.

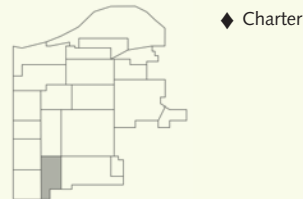
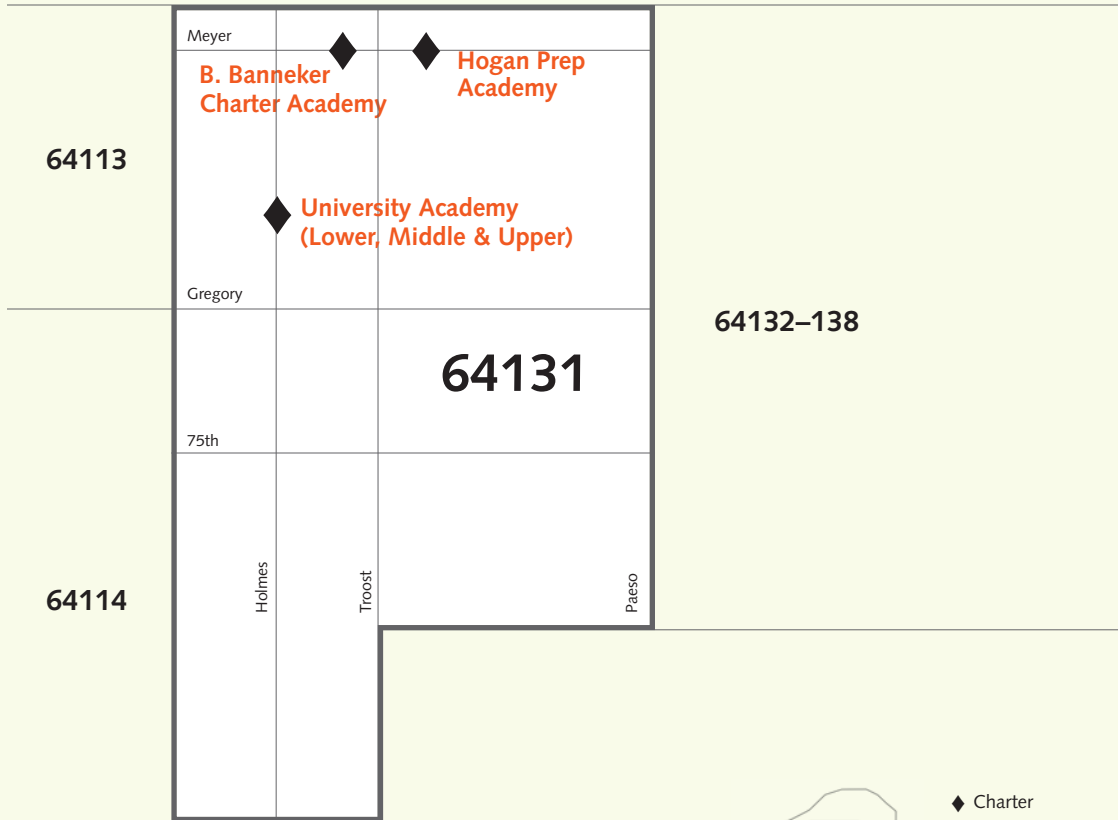
**Due to Tolbert's location on the border between 64130 and 64110 the Enrolled Students Residing in Zip Code is the number of students who reside in both of these zip codes.

***School opened in Fall 2009 and was not included in the analysis. It is listed here for reference.

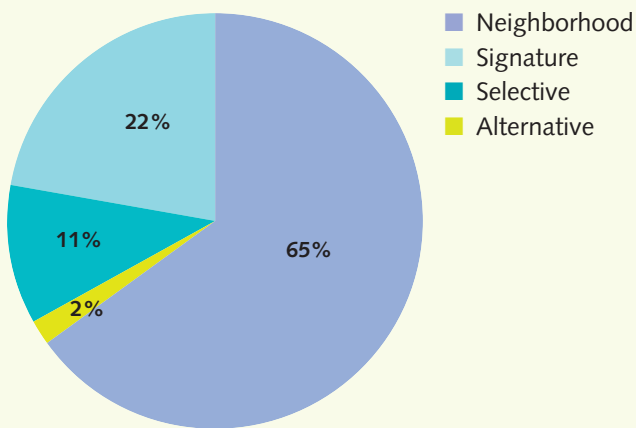
Enrollment of School-Age Population by School Type



Zip Code 64131



Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64131

- Overall K-12 Ranking: 11
- Total Population Estimate: 10,685
- School-Age Population Estimate (ages 4-17): 1,817
- 30.4 percent of school-age children in this zip code area attend a KCMSD school.
- Four Level I-III charter campuses are located in 64131.

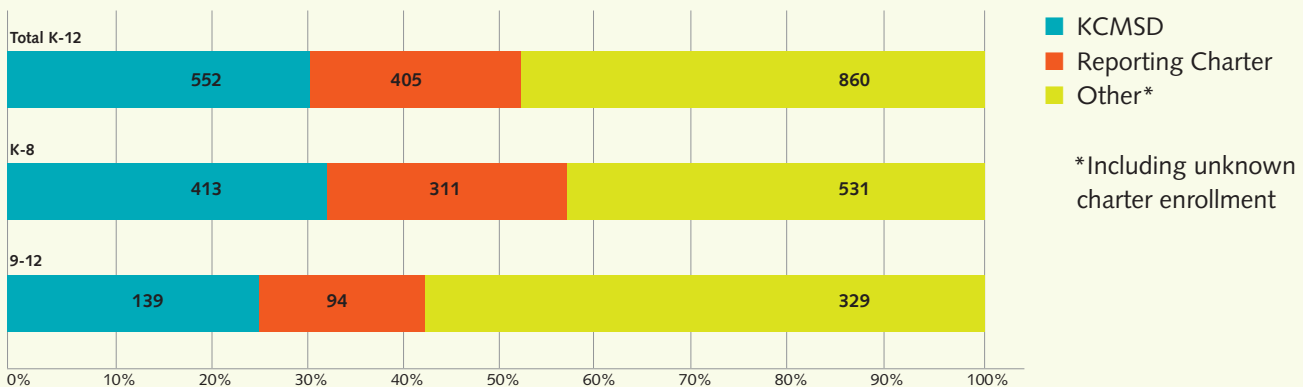
Schools Located in 64131

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
B. Baneker Charter Academy	Charter	Remaining Open	K-8	K-8	380	305	233	Level IV	11.7	9.2	82*	26.9%
Hogan Preparatory Academy	Charter	Remaining Open	9-12	9-12	350	257	312	Level II	45.9	46.2	51**	19.8%
University Academy-Lower	Charter	Remaining Open	K-5	K-5	700	722	722	Level II	45.9	47.9	95	13.2%
University Academy-Middle	Charter	Remaining Open	6-8	6-8	180	187	189	Level II	47.7	37.5	26	13.9%
University Academy-Upper	Charter	Remaining Open	9-12	9-12	220	222	223	Level III	84.1	28.2	46	20.7%

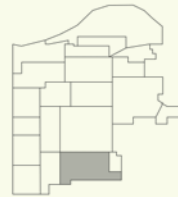
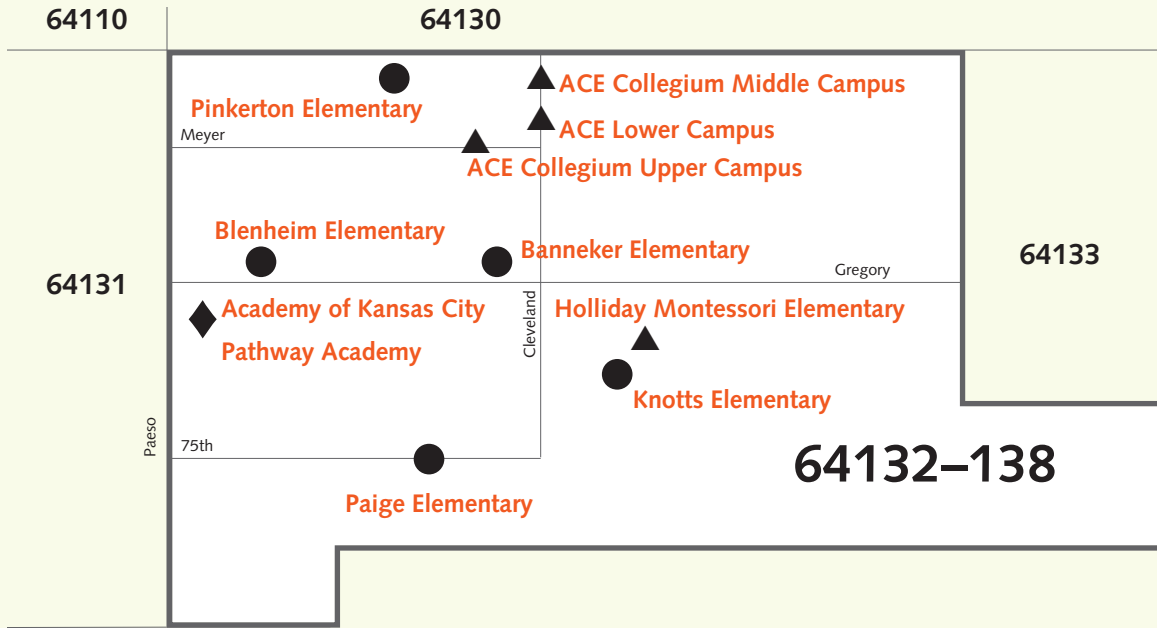
*Due to Baneker's location on the border between 64131 and 64110 the Enrolled Students Residing in Zip Code is the number of students who reside in both of these zip codes.

**Due to Hogan's location on the border between 64131 and 64110 the Enrolled Students Residing in Zip Code is the number of students who reside in both of these zip codes.

Enrollment of School-Age Population by School Type



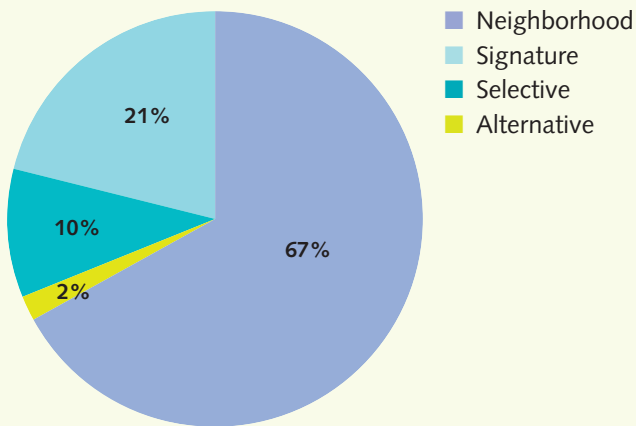
Zip Code 64132-138



- Neighborhood
- ▲ Signature
- ◆ Charter*

*Academy of Kansas City closed at the end of the 2008-2009 school year, and Pathway Academy opened in the same building in Fall 2009.

Enrollment of KCMSD Students Residing in the Zip Code by School Type



Zip Code 64132-64138

- Overall K-12 Ranking: 17
- Total Population Estimate: 9,712
- School-Age Population Estimate (ages 4-17): 2,060
- 70.0 percent of school-age children in this zip code area attend a KCMSD school.
- The three ACE Collegium schools, two of which are Level I-III, are located in this zip code.

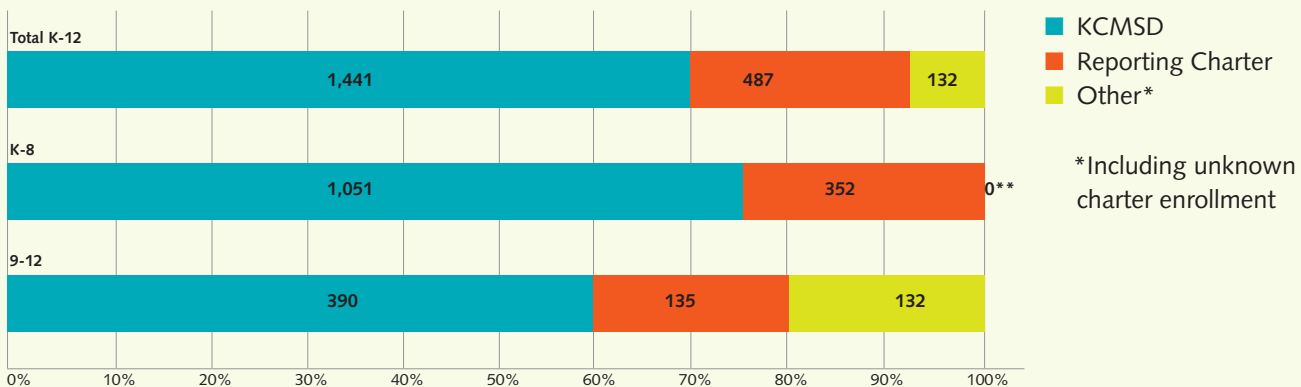
Schools Located in 64132–138

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Banneker Elementary	Neighborhood	Remaining Open	PK-7	K-8	606	334	392	Level IV	21.1	14.5	292	87.4%
Blenheim Elementary	Neighborhood	Closed 2009	PK-7	N/A	445	146	N/A	Level IV	20.6	14.3	62	42.5%
Knotts Elementary	Neighborhood	Closing	K-7	K-5	378	130	199	Level IV	16.4	21.3	100	76.9%
Paige Elementary	Neighborhood	Remaining Open	PK-8	PK-8	576	372	355	Level IV	18.8	15.9	289	77.7%
Pinkerton Elementary	Neighborhood	Closing	K-7	K-8	318	193	214	Level IV	10.8	4.9	173	89.6%
ACE Collegium Lower Campus	Signature	Remaining Open	PK-5	PK-5	844	355	366	Level III	28.1	22.5	199*	56.1%
ACE Collegium Middle Campus	Signature	Remaining Open	6-8	6	250	147	69	Level I	51.4	45	79*	53.7%
ACE Collegium Upper Campus	Signature	Remaining Open	9-10	7-11	1,134	80	288	Level IV	46.9	2.4	44*	55.0%
Holliday Montessori	Signature	Absorbing part of Faxon Montessori	PK-6	PK-6	540	290	291	Level III	30.6	31.6	92	31.7%
Academy of Kansas City	Charter	Closed 2009	K-8	N/A	N/A	350	N/A	Level IV	30.1	16.3	N/A	N/A
Pathway Academy**	Charter	Remaining Open	N/A	K-8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Due to the ACE campuses' locations on the border between 64132-138 and 64130 and their lack of attendance boundaries, the Enrolled Students Residing in Zip Code is the number of students who reside in both of these zip codes.

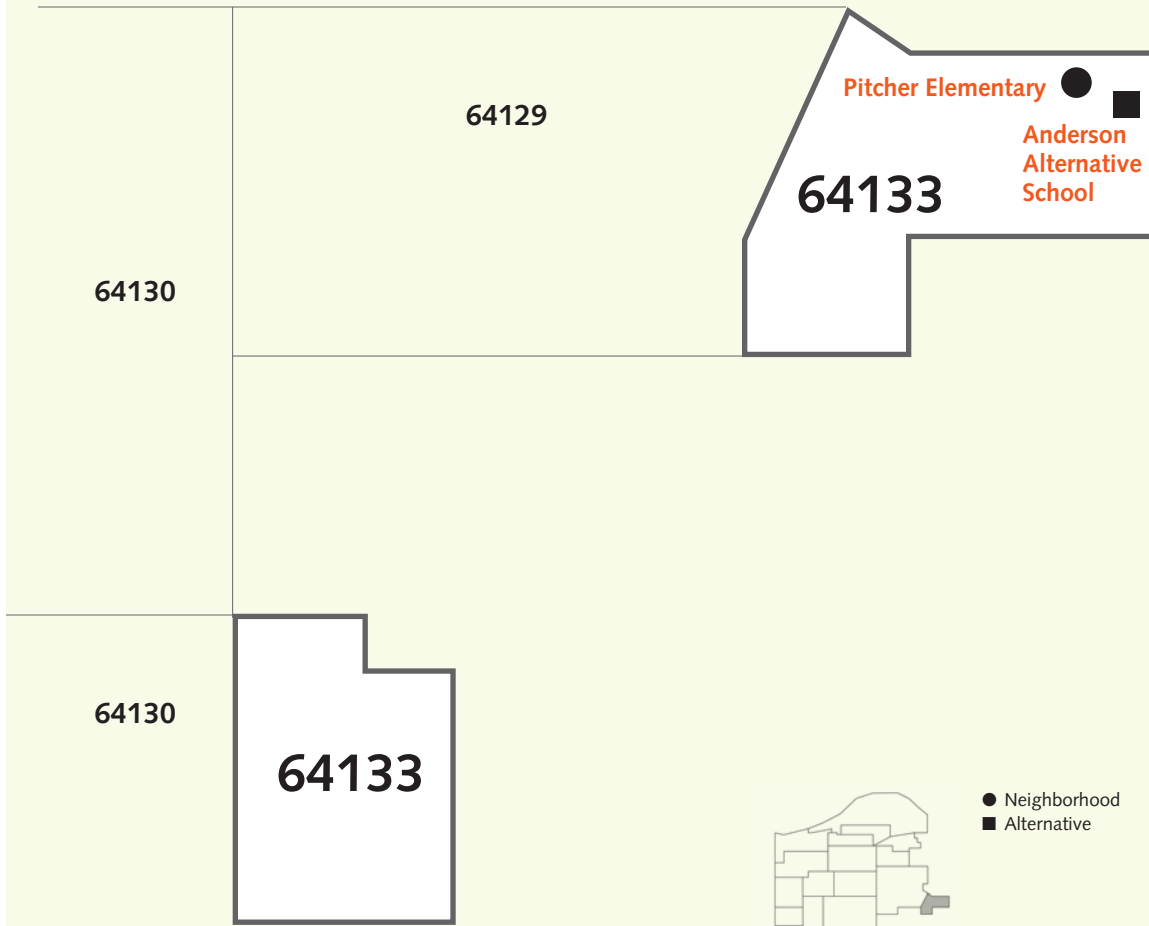
**School opened in Fall 2009 and was not included in the analysis. It is listed here for reference.

Enrollment of School-Age Population by School Type

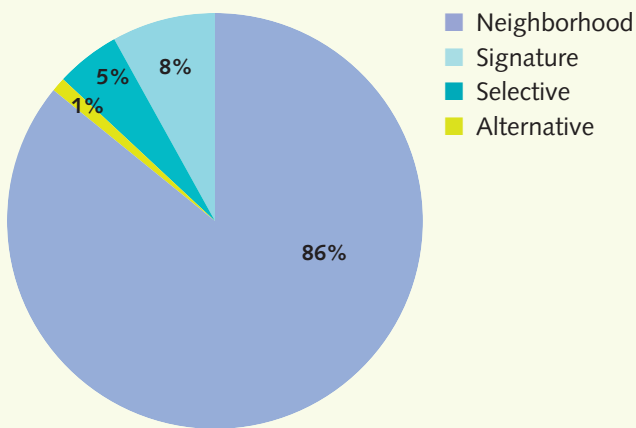


**The estimated number of school-age children residing in this zip code area is based on the population within census blocks in this zip code area that fall within the KCMSD boundary. However, much of the physical zip code area falls outside of the KCMSD boundary and IFF does not have a way of determining which students who are listed as residents of this zip code area live within the KCMSD boundary or outside of this boundary. Therefore, the number of students who reside in this zip code area who attend KCMSD or charter schools is high compared to the potential enrollment, and it is difficult to gauge how many school-age children attend other schools.

Zip Code 64133



Enrollment of KCMSD Students Residing in the Zip Code by School Type



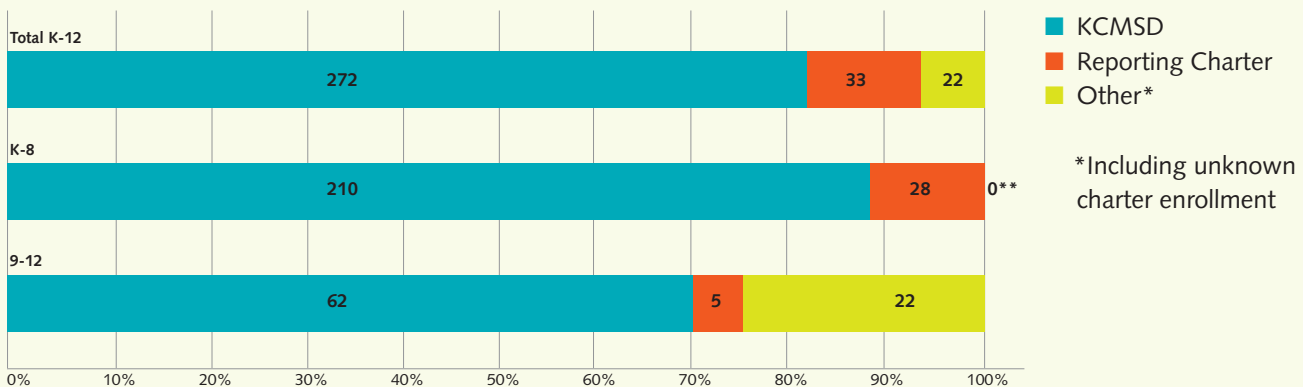
Zip Code 64133

- Overall K-12 Ranking: 7
- Total Population Estimate: 2,199
- School-Age Population Estimate (ages 4-17): 327
- 83.2 percent of school-age children in this zip code area attend a KCMSD school.
- 64133 has the highest percentage of school-age children attending KCMSD schools in the district.
- The current enrollment service level in 64133 is 0 percent.

Schools Located in 64133

Name	Type	2010-2011 Status	2008-2009 Grade Levels	2009-2010 Grade Levels	Reported Capacity	2008-2009 Enrollment	2009-2010 Enrollment	2008-2009 Performance Level	2008-2009 Communication Arts: MAP Proficient or Advanced	2008-2009 Mathematics: MAP Proficient or Advanced	2008-2009 Enrolled Students Residing in Zip Code	2008-2009 Percent of Enrollment Residing in Zip Code
Pitcher Elementary	Neighborhood	Remaining Open	PK-7	PK-8	403	208	204	Level IV	10.3	7.2	140	67.3%
Anderson Alternative School	Alternative	Closing	9-12	9-12	200	85	148	Level IV	5	20	2	2.4%

Enrollment of School-Age Population by School Type



**The estimated number of school-age children residing in this zip code area is based on the population within census blocks in this zip code area that fall within the KCMSD boundary. However, much of the physical zip code area falls outside of the KCMSD boundary and IFF does not have a way of determining which students who are listed as residents of this zip code area live within the KCMSD boundary or outside of this boundary. Therefore, the number of students who reside in this zip code area who attend KCMSD or charter schools is high compared to the potential enrollment, and it is difficult to gauge how many school-age children attend other schools.

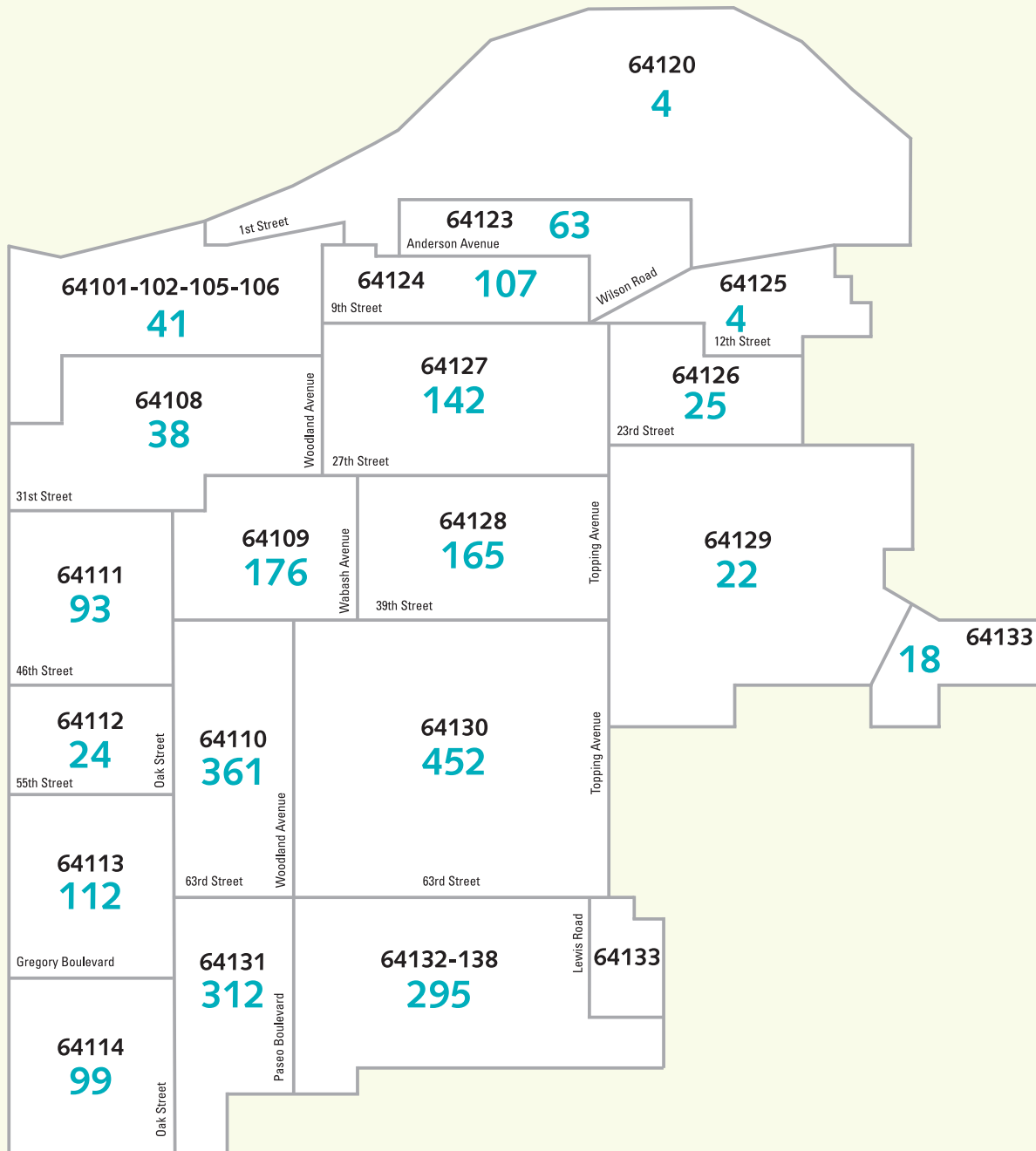
Appendix B: 2008-2009 Schools by Performance Level**

	KCMSD		Charter
Level I	ACE Collegium Middle Campus		Academie Lafayette
	Hartman Elementary		
	Lincoln College Preparatory Middle		
	Lincoln College Preparatory High		
Level II	Border Star Montessori		Allen Village Charter
	Foreign Language Academy		Hogan Preparatory Academy
	Garfield Elementary		University Academy–Middle University Academy–Lower
Level III	ACE Lower Campus		Brookside Charter
	Delano Alternative		Brookside Frontier Math & Science
	Gladstone Elementary		Scuola Vita Nuova
	Holliday Montessori		University Academy- Upper
	Longan French Magnet		
	Longfellow Elementary		
	McCoy Elementary		
	Phillips Elementary		
Southwest Early College			
Level IV	ACE Collegium Upper Campus	Melcher Elementary	Academy of Kansas City*
	Anderson Alternative	Moore Elementary	Alta Vista Charter School
	Askew Elementary	Northeast Elementary	B. Banneker Charter Academy
	Attucks Elementary	Northeast High	Della Lamb Elementary
	Banneker Elementary	Northeast Middle at Thatcher*	Derrick Thomas Elem. Academy
	Blenheim Elementary*	Paige Elementary	Derrick Thomas Jr. Academy
	Bryant Elementary*	Paseo High	Don Bosco Education Center
	Carver Elementary	Pinkerton Elementary	Genesis School Inc.
	Central High	Pitcher Elementary	Gordon Parks Elementary
	Central Middle School*	Richardson Elementary	Imagine Renaissance–Wallace Campus
	East High	Southeast at Manual	Imagine Renaissance–Kensington Campus
	Fairview Alternative	Swinney Elementary	KIPP: Endeavor Academy
	Faxon Montessori	Teenage Parent Center	Lee A. Tolbert Community Academy
	Franklin Elementary	Trailwoods Elementary	Tolbert Preparatory Academy
	Garcia Elementary	Troost Elementary	Urban Community Leadership Academy (UCLA)
	Graceland Elementary*	West Rock Creek Elementary	
	J. A. Rogers Academy	Westport High	
	James Elementary	Westport Middle*	
	KCMSA	Wheatley Elementary	
	Knotts Elementary	Whittier Elementary	
Ladd Elementary	Woodland Elementary		
M.L. King Elementary			

* School closed at end of 2008-2009 school year, but is included in the analysis.

** See page 11 'Measuring School Performance' for explanation of how schools were categorized by level.

Appendix C: 2008-2009 Enrollment in Reporting Level I-III Charter Schools



These figures are based on eight Level I-III charter schools that reported zip code enrollment data.

Appendix C: 2008-2009 Charter School Zip Code Enrollment Data

Enrollment of Reporting Charter Schools

School Name	Zip Code	Grades	Grade Level	Performance Level	2008-2009 Enrollment	Percent of Enrollment from School Zip Code	64101-102				
							105-106	64108	64109	64110	64111
Academie Lafayette	64113	K-8	Elementary	Level I	479	16.5%	10	11	29	58	43
B. Baneker Charter Academy	64131	K-8	Elementary	Level IV	305	14.1%	6	4	10	39	2
Brookside Charter School	64130	K-5	Elementary	Level III	303	20.5%	1	6	30	64	27
Brookside Frontier Math/Sci	64110	6-10	Multi-Level	Level III	185	20.5%	0	5	17	38	12
Don Bosco Education Center	64124	9-12	High School	Level IV	203	5.9%	11	3	9	12	4
Genesis School Inc.	64130	5-9	Multi-Level	Level IV	159	34.0%	10	0	20	13	1
Gordon Parks Elementary	64111	K-5	Elementary	Level IV	213	9.4%	9	9	15	13	20
Hogan Preparatory Academy	64131	9-12	High School	Level II	257	8.6%	0	3	22	29	1
KIPP: Endeavor Academy	64127	5-7	Elementary	Level IV	161	18.6%	2	1	14	2	0
Lee A. Tolbert Com. Academy	64109	K-8	Elementary	Level IV	693	13.1%	14	18	91	76	7
Scuola Vita Nuova	64124	K-8	Elementary	Level III	216	41.2%	10	0	5	0	0
Tolbert Prep. Academy	64130	9-11	High School	Level IV	233	34.8%	1	3	24	28	2
University Academy-Lower	64131	K-6	Elementary	Level II	722	13.2%	13	8	41	107	5
University Academy-Middle	64131	7-8	Elementary	Level II	187	13.9%	5	1	14	32	2
University Academy-Upper	64131	9-12	High School	Level III	222	20.7%	2	4	18	33	3
Total					4,538		94	76	359	544	129

Enrollment of Non-Reporting Charter Schools

School Name	Zip Code	Grades	Grade Level	Performance Level	2008-2009 Enrollment*
Academy of Kansas City	64132-138	K-8	Elementary	Level IV	350
Allen Village Charter	64111	K-8	Elementary	Level II	426
Alta Vista Charter School	64108	9-12	High School	Level IV	176
Della Lamb Elementary	64101-102-105-106	K-6	Elementary	Level IV	463
Derrick Thomas Elem. Academy	64111	K-5	Elementary	Level IV	675
Derrick Thomas Jr. Academy	64111	6-8	Elementary	Level IV	277
Imagine Renaissance- Kensington Campus	64127	K-5	Elementary	Level IV	583
Imagine Renaissance- Wallace Campus	64125	6-12	Multi-Level	Level IV	750
Urban Community Leadership Academy	64108	5-9	Multi-Level	Level IV	249
Other Charter School Enrollment					3,949

*Enrollment data from DESE and the National Charter School Directory

64112	64113	64114	64120	64123	64124	64125	64126	64127	64128	64129	64130	64131	64132-138	64133	Out-side KCMSD
13	79	59	0	4	5	0	1	15	23	2	23	81	22	0	1
0	0	0	0	0	0	0	4	15	24	4	93	43	61	0	0
5	5	12	0	3	2	0	1	15	11	3	62	22	32	2	0
3	5	7	0	2	3	0	0	7	13	2	31	19	16	5	0
0	0	0	0	10	12	1	7	28	24	3	41	11	18	0	9
0	0	2	0	4	3	0	4	14	18	2	54	0	13	1	0
2	0	0	0	2	5	1	4	34	27	3	41	6	12	6	4
0	0	1	0	1	2	1	1	14	18	4	71	22	61	1	5
0	0	0	0	3	10	0	0	30	33	1	41	4	16	2	2
1	0	1	0	2	0	0	8	103	101	6	185	19	50	4	7
0	0	2	4	49	89	2	14	23	0	0	4	1	1	2	10
0	0	5	0	1	0	0	5	16	31	0	81	10	22	2	2
1	10	12	0	2	2	1	7	39	69	9	183	95	110	7	1
0	9	3	0	1	0	0	0	12	20	1	32	26	27	1	1
2	4	3	0	1	4	0	1	17	11	1	46	46	26	0	0
27	112	107	4	85	137	6	57	382	423	41	988	405	487	33	42

Appendix D: Detailed Methodology

In 2003, IFF developed a methodology for conducting an educational needs assessment using a combination of school location, enrollment, performance, capacity, and demographic data for the municipal or school district level, as well as for individual zip codes or neighborhoods.

The point-in-time analysis examines public school enrollment and the school-age population compared by school performance and location. The outcome is an assessment of the distribution of those public schools that perform at the current standard or other criteria within the specific geography. In this report, the geography is the Kansas City, Missouri School District (KCMSD) and the performance standard is Missouri's 2008 state standards on the MAP exams.

IFF's method relies on six types of demographic and administrative data:

- School-age population
- Student enrollment by zip code
- School performance
- School location
- School capacity
- Attendance areas for KCMSD schools with boundaries

Geography

In order to apply the methodology in Kansas City, IFF compiled the above data for the district and for each zip code that overlaps the KCMSD boundary. Zip codes represent a common denominator for aggregating data from multiple sources and offer a more complete picture of school enrollment in KCMSD.

The portion of Kansas City that falls within the KCMSD boundaries is comprised of 24 individual zip codes. Several of these zip codes do not fall completely within the KCMSD boundaries, and only the portions within the boundaries were used in the population estimates.⁸ Zip codes 64101, 64102, 64105, and 64106 were combined into one zip code area due to their small geographical areas and low populations. Additionally, the small portion of zip code 64138 within the KCMSD boundaries was combined with zip code 64132 for a total of 20 zip code areas in the analysis.

School-age Population Data

School-age population data is compiled by zip code from 2009 ESRI Population Estimates. The 277 census block groups located in KCMSD were coded to reflect their respective zip codes. Thirty-six of the block groups overlap into more than one zip code area. To ensure the most accurate population estimates for each zip code area that comprises KCMSD, the demographic data in these block groups were apportioned according to the estimated share of residential blocks falling in each zip code. This approach also accounts for possible unpopulated commercial and industrial blocks that comprise a large portion of the zip code, but are relatively unpopulated.

District and Charter School Data

KCMSD provided enrollment, capacity, location, and attendance area data for each of its schools for the 2008-2009 and 2009-2010 school years. The second year of data was requested in order to document District changes between the two school years. They also provided MAP performance data for all district and charter schools, as well as charter school addresses. Eleven of the 18 individual charter school entities provided facility capacity data and zip code enrollment for their 15 campuses, while the remaining enrollment data for charter schools were provided by the Missouri Department of Elementary and Secondary Education (DESE). However, DESE did not have zip code level data for charter school enrollment.

School Performance

IFF's methodology measures school performance using only academic performance data. While there are other measures of performance that account for a broader range of factors such as truancy, dropout, and graduation rates, this analysis focuses on academic performance alone. The 2008-2009 MAP scores, which are used by DESE to evaluate students' academic proficiencies in Communication Arts and Mathematics,⁹ were obtained from KCMSD for each District and charter school, including the seven KCMSD schools and one charter school that were closed or restructured at the end of the 2008-2009 academic year.

IFF used the 2008 Missouri state standards on the Missouri Assessment Program (MAP) exams to capture point-in-time performance for each school, rather than analyzing longitudinal progress through the state's Adequate Yearly Progress (AYP)

⁸ Small portions of zip codes 65052 and 65053 that fall within the KCMSD boundary were added to zip codes 64129 and 64120, respectively.

⁹ Students are also tested in Science, but these scores were not included in the analysis.

goals. These standards are 51 percent of a school's students scoring proficient or advanced in Communications Arts and 45 percent of students scoring proficient or advanced in Mathematics. Individual students were assigned by DESE into one of four achievement-level categories based on their scale score in each subject area. A school's score is the percent of students reaching "Proficient" or "Advanced" on the MAP exam.

In this study, all KCMSD and charter schools that operated during the 2008-2009 school year were classified into four levels relative to the Missouri state standard as reported in the table below. In 2008-2009, only four KCMSD schools and one charter school met the state standard, which does not create enough differentiation in need among the district's zip codes. However, there are a number of schools in the district that are approaching the state standard, and therefore IFF includes these schools, categorized into Levels II and III as shown below, in the analysis to create a greater distinction among the zip codes.

Level I-IV Criteria for 2008-2009 MAP Exams

	Percent of Missouri State Standard	Percent of Students Proficient or Above on MAP: Communication Arts	Percent of Students Proficient or Above on MAP: Mathematics
Level I	100% or above	> 51%	> 45%
Level II	75-99%	38.25%-50.9%	33.75%-44.9%
Level III	50-74%	25.5%-38.24%	22.5%-33.74%
Level IV	Below 50%	< 25.5%	< 22.5%

In addition to the five schools meeting state standards, there are 12 KCMSD schools and eight charter schools that meet the performance criteria for Levels II and III. Together these 25 KCMSD and charter schools comprise the total supply of public school capacity used for this analysis as described below. Level IV District and charter schools in KCMSD are not part of the Level I-III capacity in the analysis.

Assessing the Need for Performing Options: Comparing Level I-III Capacity, Enrollment, and Population

District-wide Level I-III Capacity

For KCMSD and charter schools, capacity is the total number of students each Level I-III school is designed to seat. When charter schools do not report capacity information for their school buildings, enrollment is used as a proxy for capacity in the analysis. It is expected that these schools will enroll to their approved capacity and they often report having waiting lists. The sum of the capacity of all KCMSD and charter schools represents the district-wide Level I-III capacity. This Level I-III district-wide capacity is then compared to the Current Enrollment in KCMSD schools, total enrollment in KCMSD and charter schools, and Potential Enrollment, to determine the overall need within the district.

The focus of the zip code analysis is the Level I-III capacity in neighborhood and signature KCMSD schools (i.e., schools that are open to all students, in each of the individual zip codes in the district). Seats in Level I-III neighborhood and signature schools represent the KCMSD's zip code capacity. Level I-III capacity in selective and alternative schools is included in the district-wide capacity, but is excluded from the zip code analysis because these schools are not open to all students.

In cases where schools serve children in multiple grade divisions, (e.g., a school with grades 7 through 12 that serves elementary and high school students), it is necessary to estimate how much of the school's total capacity should be attributed to each division. The percent of total enrollment by grade division is used to estimate the portion of Level I-III capacity that should be attributed to each division.

Apportioning School Level I-III Capacity for the Zip Code Analysis

In the case of neighborhood schools with attendance boundaries, the Level I-III capacity of each school is apportioned to the zip codes that the school's attendance area overlaps. The distribution of Level I-III capacity is based on the distribution of the school's enrolled students residing within the attendance area zip codes. For example, the attendance area for Level III Longfellow Elementary School overlaps two zip codes (64108 and 64109). Sixty-four students of a total enrollment of 149 reside in these zip codes. The table shows how Longfellow's capacity is attributed to each of these areas.

Example of Neighborhood Level I-III Capacity Distribution for Longfellow Elementary School

Enrollment from Attendance Area Zip Codes			Capacity of School
Total	64		
	(Total school enrollment: 149)		378
64108	47	73.4%	73.4% x 378 = 278
64109	17	26.5%	26.5% x 378 = 100

Since signature schools do not have attendance areas, the Level I-III capacity in these schools was apportioned to the zip code where the school is located. In the case of Level I-III schools located on the border of two or more zip codes, the capacity was apportioned equally between the zip codes.

Service Level and Service Gap Indicators

The zip code-level needs assessment compares Level I-III capacity in each zip code with two measures of demand: Current Enrollment in non-selective KCMSD schools (the number of students enrolled in these KCMSD schools residing in the zip code) and Potential Enrollment (the number of school-age children residing in the zip code). Two measures, Service Level and Service Gap, are calculated to gauge both the relative and absolute need for schools in each zip code area in the district.

- Service Level is the percent of students who can be served by Level I-III capacity in a zip code. It is calculated by the total Level I-III capacity divided by the total number of students who reside in the zip code (Current Enrollment Service Level) and again by total number of school-age children (Potential Enrollment Service Level).
- Service Gap is the total number of students who cannot be served by Level I-III capacity in a zip code. It is calculated by the total number of students who reside in the zip code less the number of Level I-III seats (Current Enrollment Service Gap) and then by the total number of school-age children less the number of Level I-III seats (Potential Enrollment Service Gap).

Service Level is a relative or scaled measure of need whereas Service Gap is an absolute measure of need. Each zip code will have four measures: Current Enrollment Service Level, Current Enrollment Service Gap, Potential Enrollment Service Level, and Potential Enrollment Service Gap.

For KCMSD and each of its zip codes, service levels and service gaps are calculated based on capacity in Level I-III KCMSD schools relative to demand as measured by current enrollment in KCMSD schools and the potential demand as measured by the

number of school-age children in the zip code. The table below provides Current Enrollment Service Level and Service Gap data for a hypothetical community with 500 children enrolled in public school and 200 seats of capacity.

Example of Current Enrollment Service Gap and Service Level Measures

Zip Code Enrollment	500
Zip Code Level I-III Capacity	200
Service Gap (Enrollment–Capacity)	300
Service Level (Capacity ÷ Enrollment)	40%

The Current Enrollment and Potential Enrollment service levels and service gaps are then ranked from 1-20, with one being the area with the greatest need. The Current Enrollment Service Level and Service Gap ranks are combined in a weighted average for each zip code area to create a Current Enrollment Indicator and the Potential Enrollment Service Level and Service Gap are combined to create a Potential Enrollment Indicator. The weights for each of these combined measures are below. The Current Enrollment Service Gap rank is given a greater weight because of the significant variation in the percent of children enrolled in KCMSD schools across the zip code areas. (See Table 8 in the report.)

Ranking Weights for Current Enrollment and Potential Enrollment Indicators

Current Enrollment Indicator Weight		Potential Enrollment Indicator Weight	
Current Enrollment Service Gap Rank	70%	Potential Enrollment Service Gap Rank	50%
Current Enrollment Service Level Rank	30%	Potential Enrollment Service Level Rank	50%

Ranking the Need among KCMSD Zip Code Areas

The final step in the analysis combines the Current Enrollment Indicator and Potential Enrollment Indicator into a weighted average to create a Final Ranking Indicator for each zip code area. Ties among areas based on this weighted average are broken by assigning a higher rank to the area with a larger Current Enrollment service gap. Each zip code area receives a rank from 1-20 based on this indicator. The area with a final rank of one has the highest relative level of need for performing school options.

Final Indicator Rank Weights

	Weight
Final Current Enrollment Indicator	60%
Final Potential Enrollment Indicator	40%

