



MEMORANDUM

To: Jefferson County Public Schools

Date: January 18, 2024

From: Kate Doiron
Senior GIS Analyst

Rebecca Wright
Project Manager

Project No.: F2466.01.001

Re: Analysis of Membership Projections

This memo is part of the 2023-24 Jefferson County Public Schools (Jeffco) boundary study. The study looks at enrollment trends, school choices, and programs to find ways to operate more efficiently and provide equal, high-quality education throughout the district. FLO worked with Jeffco to assess school and articulation area trends over a ten-year period, including historical enrollment from 2017–18 to 2022–23, enrollment for the current 2023–24 school year, and membership projections from 2024–25 to 2027–28 from the Jeffco 2022–23 Membership Projections Report.¹ The assessment includes a review of attendance area schools (i.e., schools that have a boundary) and articulation areas that are projected to be over or under capacity within the next four years and discusses potential trends for the longer term. For each articulation area, we also analyzed and highlighted groups of geographically contiguous schools where boundary adjustments may help balance utilization.

Executive Summary

Jeffco has experienced a 10.4 percent decrease in student enrollment over the last decade, and declines are projected to continue to the 2027–28 school year. District-wide, mean utilization declined from 78 percent in 2018–19 to 68 percent in 2022–23, then recovered to 76 percent in 2023–24. This jump in utilization is a direct result of Jeffco closing 15 small elementary schools in June 2023 as part of Phase I of Regional Opportunities for Thriving Schools. While most Jeffco schools and articulation areas are projected to decline in enrollment, nine schools are currently overenrolled (enrollment greater than 100 percent of school capacity) or are projected to be overenrolled in the future. Identifying which schools are over- or underenrolled, and determining whether the enrollment levels are a result of population changes in the articulation area or student choice, will assist with the upcoming boundary review. Whether enrollment balancing can be achieved in a current articulation area through boundary changes or policy changes will be a focus of the boundary review. This assessment's findings are summarized below:

¹ Jeffco Public Schools. 2023. "2022–23 Membership Projections Report." Enrollment Projections Reports. Accessed July 18, 2023.

https://www.jeffcopublicschools.org/services/facilities/enrollment_projections_reports.

- Seven schools over 100 percent of capacity in 2023–24
- Six schools projected to be over 100 percent of capacity by 2027–28
- Eighteen schools under 60 percent of capacity in 2023–24
- Twenty-eight schools projected to be under 60 percent of capacity in 2027–28

Enrollment Projections Overview

Jeffco has experienced a 10.4 percent decrease in student enrollment over the last decade. This decline is projected to continue to the 2027–28 school year, with a projected district-wide membership of attendance area schools of 67,473 students, a drop of 10,529 students since 2018. District-wide enrollment can be grouped by articulation area to assess the past five years of enrollment data and the August 2023–24 student enrollment in comparison to the next four years of projected enrollment. In Table 1, the highest enrollment for each articulation area is represented in light green and the lowest in blue. Enrollment in all articulation areas except Ralston Valley is expected to decline by 2027–28.

Table 1. Jeffco 2018–19 to 2023–24 Enrollment and Membership Projections to 2027–28 by Articulation Area

Articulation Area	Enrollment						Projections			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Alameda	2,982	2,962	2,850	2,569	2,541	2,587	2,375	2,266	2,184	2,144
Arvada	3,856	3,700	3,448	3,184	3,036	3,052	2,703	2,637	2,631	2,626
Arvada West	4,407	4,425	4,302	4,305	4,472	4,516	4,417	4,426	4,374	4,343
Bear Creek	5,250	5,139	4,971	4,792	4,619	4,651	4,510	4,397	4,330	4,281
Chatfield	6,143	6,121	5,759	5,579	5,455	5,612	5,365	5,212	5,132	5,104
Columbine	4,142	4,180	3,961	3,912	3,841	4,015	3,883	3,799	3,674	3,621
Conifer	2,342	2,342	2,205	2,162	2,190	2,275	2,278	2,276	2,254	2,241
Dakota Ridge	4,339	4,370	4,196	4,058	3,936	3,868	3,752	3,693	3,618	3,561
Evergreen	2,967	2,934	2,672	2,514	2,479	2,498	2,453	2,422	2,391	2,372
Golden	4,302	4,303	4,134	3,985	3,997	4,173	3,980	3,903	3,804	3,797
Green Mountain	3,749	3,776	3,664	3,499	3,512	3,564	3,507	3,508	3,518	3,533
Jefferson	1,805	1,658	1,520	1,393	1,357	1,496	1,203	1,124	1,059	1,034
Lakewood	4,458	4,303	4,210	3,942	3,794	3,837	3,781	3,793	3,745	3,731
Pomona	3,154	3,080	2,874	2,689	2,464	2,386	2,168	2,021	1,873	1,818
Ralston Valley	5,390	5,616	5,454	5,390	5,463	5,734	5,779	5,857	5,945	5,997
Standley Lake	4,433	4,319	4,116	3,799	3,690	3,648	3,480	3,351	3,286	3,203
Wheat Ridge	3,886	3,829	3,690	3,581	3,527	3,473	3,457	3,441	3,470	3,442

In this analysis, utilization is calculated as the number of students enrolled in a school or projected to enroll in a school divided by the calculated building capacity of the school. Building capacity is calculated using an estimate for the number of students each classroom can hold and the number of classrooms indicated in the building design. It is important to note that calculated capacity does not include temporary buildings. Also, calculated building capacity does not always account for how principals and staff use the space to meet students' instructional needs. As a result, it is possible for schools to have enrollment over 100 percent of their calculated capacity.

District-wide, mean utilization declined from 78 percent in 2018–19 to 68 percent in 2022–23, then recovered to 76 percent in the current school year (Table 2). This jump in utilization is a direct result of Jeffco closing 15 small elementary schools in June 2023 as part of Phase I of Regional Opportunities for Thriving Schools, reducing the overall capacity of Jeffco in the 2023–24 school year while retaining a similar number of students. District-wide utilization is predicted to continue to decline to 72 percent in 2027–28, although at a decreased rate of decline from the previous six years. The closure of four additional schools in June 2024 is expected to help maintain a higher District-wide utilization. When grouped by elementary, middle, or high schools, elementary school utilization increases from 67 percent to 80 percent between 2022–23 and 2023–24, while middle school and high school utilization continue to decline.

Utilization comparisons between schools can be measured using standard deviation, or the measure of variation of each school's utilization from the mean utilization of all schools utilizations in a given year. A lower standard deviation means schools have similar utilization rates and that there is more balanced enrollment across all schools. If utilization widely varies among schools, the standard deviation value will be high, indicating that enrollment is less balanced across schools. For example, in 2019 the standard deviation across all schools was 14.6 compared to the projected 19.2 in 2027 indicating that enrollment was more balanced across schools in 2019 than it is expected to be in 2027 (see Table 2). The closure of schools in 2022-23 resulted in a higher deviation value for elementary schools and therefore less utilization balance than prior years. Middle and high schools continue to increase in utilization deviation values, and therefore decrease in balance among schools, into the future. Boundary changes and other methods to balance enrollment enacted in the near term could help to increase utilization balance among schools.

Table 2. Boundary Change Effects on Actual and Projected Utilization 2018–19 to 2027–28

	Historical						Projected			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
All Schools										
Boundary Changes	0	3	6	2	0	15	4	--	--	--
Mean Utilization	78%	76%	71%	69%	68%	76%	73%	73%	72%	72%
Standard Deviation	15.3	14.6	14.7	15.0	15.9	18.2	17.7	18.4	19.1	19.2
Elementary										
Boundary Changes	0	1	3	2	0	15	2	--	--	--
Mean Utilization	78%	75%	68%	67%	67%	80%	77%	77%	77%	77%
Standard Deviation	15.9	15.3	14.6	15.1	15.8	17.2	16.3	16.2	16.6	16.2
Middle										
Boundary Changes	0	2	2	0	0	0	2	--	--	--
Mean Utilization	79%	81%	77%	72%	69%	67%	66%	65%	65%	66%
Standard Deviation	13.0	9.8	11.0	12.5	14.7	17.3	18.2	19.3	19.8	21.2
High										
Boundary Changes	0	0	1	0	0	0	0	--	--	--
Mean Utilization	76%	76%	76%	73%	72%	70%	68%	66%	62%	61%
Standard Deviation	14.6	15.0	15.9	15.6	16.7	17.2	18.3	20.2	20.9	20.9

Note

The boundary change count reflects the year in which the boundary changes took effect.

Articulation Areas Utilization Analysis

Attendance area school utilizations for each Jeffco articulation area were assessed over a ten-year period (2018–19 to 2027–28) to understand potential school capacity issues and long-term trends. Maps of the 2023–24 utilization for each school are provided as an attachment. For each articulation area, we determined whether any identified capacity issues, through projected over- or underenrollment, could be resolved with school boundary changes within that articulation area boundary. In the following tables, schools with a utilization over 100 percent are shaded in orange and schools with a utilization under 60 percent are shaded in blue; the darker shades of orange indicate projected overutilization and the darker shades of blue indicate projected underutilization. High school, middle school, and elementary school are shortened to HS, MS, and ES, respectively, when referring to a school.

Alameda

The Alameda articulation area has one junior/senior high school and four elementary schools. Most schools in Alameda are projected to decrease in enrollment over the next four years, with the exception of Deane (Table 3). Currently Deane is under 60 percent utilized, and while utilization is projected to increase by 1.3 percent over the next four years, the school would still be under 60 percent utilized over the forecast period. Alameda International Junior-Senior HS is projected to be under 60 percent utilized by 2026–27. Low utilization at Lasley and Rose Stein International was resolved in 2023–24 with the closing of Emory ES, particularly at Lasley which increased from 47.2 percent to 90.3 percent utilized. Deane shares a boundary with Lasley, so utilization could potentially be balanced between those two schools with a boundary change. The effects of this boundary change, however, may be minimal by 2027–28 since Deane is projected to increase in enrollment and Lasley is expected to decrease.

Table 3. Alameda Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Alameda Int'l Jr-Sr HS	83.9	82.3	86.2	79.5	78.2	78.7	71.5	63.7	59.8	57.6
Deane ES	71.2	75.0	67.4	55.3	53.4	52.9	56.1	58.9	58.5	59.2
Lasley ES	71.1	68.0	58.6	48.4	47.2	90.3	84.5	82.3	80.2	77.9
Patterson ES	92.9	94.4	78.8	74.4	73.1	70.6	70.2	69.4	68.3	67.9
Rose Stein Int'l ES	52.3	54.2	47.2	51.7	53.2	64.4	62.7	62.0	60.1	60.1

Arvada

The Arvada articulation area has one high school, one middle school, four elementary schools, and one K–8 school. At the elementary level, three schools are expected to increase in enrollment over the next four years and one is expected to decrease (Table 4). Utilization for the high school is projected to fall or remain below 50 percent in the next four years. Arvada K–8 will close in June 2024, which will increase utilization for both North Arvada MS and Lawrence ES. Lawrence ES is projected to be above 100 percent utilization for the next four years. At the end of the 2022–23 school year, Peck ES was consolidated into Secrest ES, and Thomson ES was consolidated into Swanson ES. This resulted in a utilization increase of 16.8 percent at Secrest and 8.5 percent at Swanson in the 2023–24 school year. Despite the increased enrollment, utilization at Swanson is projected to remain below 60 percent over the next four years. Swanson has a transfer-out rate of 74.7 percent in 2023-24.

Table 4. Arvada Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Arvada HS	45.7	43.6	44.5	43.1	40.0	42.0	34.3	30.9	27.9	26.7
Arvada K–8 ¹	74.2	70.9	67.1	60.2	60.2	60.5	0	0	0	0
North Arvada MS	71.3	69.9	65.6	55.6	46.9	44.1	73.7	75.1	75.4	78.9
Hackberry Hill ES	85.3	82.6	77.8	74.1	71.9	89.3	83.2	87.3	87.7	90.4
Lawrence ES ²	56.4	56.2	51.7	51.1	62.6	68.7	105.2	103.2	105.9	102.0
Secrest ES	72.2	70.3	54.7	60.0	57.2	74.0	69.7	69.3	69.7	70.4
Swanson ES	47.2	44.7	39.9	39.2	36.6	45.1	53.4	53.4	54.8	55.3

¹Arvada K-8 will close at the end of the 2023-24 school year.
²Membership projections assume current rates of choice continue into the future resulting in high projected utilization.

Arvada West

The Arvada West articulation area has one high school, one middle school, and four elementary schools. Currently Arvada West HS is 101.2 percent utilized and is projected to decrease slightly by 2027–28 (Table 5). Arvada West HS has a 42.6 percent transfer-in rate in 2023-24. Schools projected to see lower utilization in the next four years are Drake MS, Fairmount ES, and Fremont ES. Drake is currently 79.0 percent utilized, Fairmount is 94.8 percent, and Fremont is 85.4 percent. While utilization is projected to decrease 11.9 percent at Drake, 2.9 percent at Fairmount, and 8.4 percent at Fremont, none of the schools are projected to fall below 60 percent utilization by 2027–28. At the end of the 2022–23 school year, Campbell ES consolidated into Fremont and Vanderhoof, resulting in an increase in 10.1 percent utilization at Fremont and 18.3 percent at Vanderhoof. It should also be noted that there are elementary schools in the Drake MS attendance area that fall within the Ralston Valley and Standley Lake articulation areas. Wayne Carle MS is projected to be under 60 percent utilization (Table 18), so boundary changes with feeder elementary schools in the Ralston Valley articulation area (Table 17) could potentially help declining utilization at Drake.

Table 5. Arvada West Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Arvada West HS ¹	95.6	96.9	98.2	95.0	99.0	101.2	101.6	104.9	102.7	100.8
Drake MS	74.3	74.1	74.6	75.3	77.0	79.0	69.2	66.8	65.2	67.1
Fairmount ES	89.9	94.1	88.8	89.7	95.9	94.8	95.4	93.6	94.4	91.9
Fremont ES	67.6	58.6	58.0	69.6	75.3	85.4	85.5	82.5	79.6	77.0
Stott ES	81.7	80.1	73.3	75.9	78.3	79.3	83.0	84.6	83.5	83.8
Vanderhoof ES	83.1	85.2	74.3	76.1	71.8	90.1	89.5	88.3	91.7	93.0

¹Membership projections assume current rates of choice continue into the future resulting in high projected utilization.

Bear Creek

The Bear Creek articulation area has one high school, one K–8 school, one middle school, and five elementary schools. All schools are projected to see declining utilization over the next four years, except for Carmody MS, which is projected to see a 5.6 percent increase in utilization over the forecast period (Table 6). Carmody MS has a transfer-out rate of 67.8 in 2023-24. At the end of the 2022–23 school year, Peiffer ES was consolidated into Kendallvue, resulting in a utilization increase of 23.6 percent. Currently Red Rocks ES is 127.3 percent utilized, and while utilization is projected to decrease by 7.4 percent over the next four years, the school is projected to remain over 100 percent utilized. Red Rocks ES has a 59.6 percent transfer-in rate in 2023-24.

Table 6. Bear Creek Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Bear Creek HS	72.4	71.6	72.5	70.7	67.7	67.2	63.9	62.3	58.8	57.9
Bear Creek K–8	100.9	95.8	95.0	91.0	88.6	89.0	86.6	84.0	82.9	80.9
Carmody MS	80.1	78.6	70.7	64.1	61.7	56.6	58.1	58.5	61.0	62.2
Green Gables ES	67.0	63.9	67.6	79.2	81.0	95.4	89.0	85.2	84.1	77.8
Kendallvue ES	76.6	70.3	67.7	63.4	56.6	80.2	74.6	72.3	70.5	73.7
Kendrick Lakes ES	84.3	84.7	79.3	79.5	80.2	87.1	87.9	83.7	82.7	80.4
Red Rocks ES ¹	134.3	133.3	127.3	122.7	120.4	127.3	122.2	119.9	123.2	119.9
Westgate ES	87.2	88.6	73.0	69.5	67.1	65.1	64.4	63.1	63.8	64.0

¹Membership projections assume current rates of choice continue into the future resulting in high projected utilization.

Chatfield

The Chatfield articulation area consists of one high school, two middle schools, five elementary schools, and one K–8 divided into two campuses. Utilization is projected to decline or remain fairly steady (stay within three percent) over the next four years for all schools with the exception of Bradford K-8 South (Table 7). Bradford K-8 South has a 17.4 percent transfer-in rate in 2023-24. Utilization at Deer Creek MS and Mortensen ES is projected to remain below 60 percent through 2027–28, while Falcon Bluffs MS declines to below 60 percent in 2027–28. Bradford K–8 North is projected to decline to 63.5 percent in the next four years, which means that all schools with middle school ages students could be below 65 percent utilization by 2027–28. Mortensen ES shares a boundary with Coronado, Shaffer, and Stony Creek, so utilization could be balanced through a boundary adjustment with one or more of those schools.

Table 7. Chatfield Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Chatfield HS	76.7	78.1	77.7	75.9	75.6	77.1	70.0	65.4	61.7	60.0
Bradford K–8 North	106.9	90.5	78.9	81.0	80.7	84.6	73.5	66.1	63.0	63.5
Bradford K–8 South	85.5	102.7	89.6	82.2	82.2	78.9	80.0	81.6	84.1	85.9
Deer Creek MS	70.9	65.6	58.1	52.6	48.6	45.9	45.5	46.5	48.0	48.8
Falcon Bluffs MS	77.9	78.0	77.3	72.9	71.1	67.3	66.6	64.6	60.5	59.8
Coronado ES	98.3	94.3	83.9	79.36	75.2	74.4	75.4	74.6	75.8	77.1
Mortensen ES	69.5	69.0	65.8	59.3	56.6	54.4	56.0	53.2	56.4	55.4
Shaffer ES	91.6	90.6	84.3	89.9	87.9	91.8	84.0	83.5	82.9	81.4
Stony Creek ES	91.4	89.2	77.5	82.1	77.3	82.3	79.3	79.6	83.6	84.5
Ute Meadows ES	79.3	81.8	78.0	83.1	85.5	84.6	87.9	88.5	85.7	85.9

Columbine

The Columbine articulation area consists of one high school, one middle school, and five elementary schools. Utilization is projected to remain above 60 percent at all schools except Dutch Creek ES, which is projected to see a 10.3 percent decrease from 2023–24 to 2027–28, and Normandy ES, which, despite a projected utilization increase of 6.3 percent, is projected to be only 52.9 percent utilized in 2027–28 (Table 8). Columbine Hills ES also has a current and projected utilization near 60 percent. Both Dutch Creek and Normandy share a boundary with Leawood, 73.0 percent projected utilization in 2027–28, so a boundary adjustment between those schools could balance enrollment.

Table 8. Columbine Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Columbine HS	84.9	87.3	86.7	85.4	84.4	83.0	80.2	76.5	71.0	67.0
Ken Caryl MS	65.5	90.9	87.9	81.3	77.3	74.9	73.2	71.1	70.1	72.9
Columbine Hills ES	82.1	66.1	63.0	63.6	61.5	60.5	63.0	63.2	62.6	61.5
Dutch Creek ES	64.6	58.8	56.1	57.1	60.9	65.2	57.6	57.8	56.7	54.9
Governor's Ranch ES	80.8	74.5	63.8	69.3	72.0	89.3	84.7	85.4	84.8	84.0
Leawood ES	94.9	81.0	65.0	75.2	76.8	76.6	71.4	70.7	71.2	73.0
Normandy ES	77.0	66.9	59.1	56.2	48.4	46.6	48.8	50.1	50.8	52.9

Conifer

The Conifer articulation area consists of one high school, one middle school, and three elementary schools. The largest increase in projected utilization over the next four years is at Elk Creek ES, which is projected to see an increase of 9.2 percent (Table 9). The largest decrease is projected to occur at Conifer HS, which will see a decrease in utilization of 9.2 percent. While no schools in the articulation area are below 60 percent utilization, Conifer HS is projected to continue to decline to 62.1 by 2027–28.

Table 9. Conifer Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Conifer HS	72.4	73.7	70.7	68.8	69.3	71.3	66.1	63.7	62.6	62.1
West Jefferson MS	76.3	76.8	73.8	66.1	66.8	64.0	67.5	66.8	65.5	67.2
Elk Creek ES	87.9	88.8	78.5	81.7	76.9	73.7	81.5	84.9	85.7	82.9
Marshdale ES	66.9	68.9	64.5	67.3	73.7	80.5	79.2	83.6	83.6	84.0
West Jefferson ES	94.6	83.3	72.4	79.1	81.5	78.8	81.8	80.9	80.9	77.3

Dakota Ridge

The Dakota Ridge articulation area consists of one high school, one middle school, and four elementary schools. Over the next four years, enrollment is projected to decline for Dakota Ridge HS, Summit Ridge MS, and Powderhorn ES (Table 10). At the end of the 2022–23 school year, Colorow ES was consolidated into Powderhorn ES, resulting in an 18.8 percent increase in utilization at Powderhorn in 2023-24. With three elementary schools projected to stay above 80 percent utilization through 2027-28, boundary adjustments could be made within the articulation area to bring Blue Heron ES up in enrollment. Despite several schools with projected decreasing enrollment, utilization at all elementary schools and the middle school is projected to remain above 60 percent. Utilization at Dakota Ridge HS is projected to decrease 13.3 percent, with utilization dropping below 60 percent in 2026–27.

Table 10. Dakota Ridge Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Dakota Ridge HS	75.9	74.7	73.4	69.4	69.1	67.6	64.6	62.4	57.8	54.3
Summit Ridge MS	62.2	91.1	90.5	89.9	81.2	78.6	71.3	70.0	71.6	70.5
Blue Heron ES	81.7	68.3	65.9	65.6	64.4	57.2	62.1	63.5	61.3	63.2
Mount Carbon ES	99.4	94.1	80.7	84.5	83.4	81.1	84.9	84.1	82.7	83.4
Powderhorn ES	101.3	87.8	80.1	72.7	71.9	90.7	85.5	85.7	86.9	88.6
Westridge ES	107.1	90.6	81.3	85.6	82.3	84.4	86.3	84.9	86.8	86.0

Evergreen

The Evergreen articulation area consists of one high school, one middle school, and four elementary schools. Utilization at the elementary and middle schools is projected to increase, with the exception of a projected decrease in utilization for Bergen Valley ES of 2.8 percent (Table 11). Bergen Meadow ES was consolidated into Bergen Valley in 2023-24, but an addition at Bergen Valley ES results in utilization between 74.8 percent and 82.2 percent over the forecast period. All three remaining elementary schools share a boundary, so utilization among these schools could be balanced through a boundary change. Evergreen HS is projected to see a 9.0 percent decrease in utilization.

Table 11. Evergreen Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Evergreen HS	68.7	70.0	65.4	62.3	61.0	59.7	57.8	53.9	51.1	50.7
Evergreen MS	101.9	94.6	87.6	80.8	74.3	66.6	70.6	72.7	73.0	69.5
Bergen Meadow ES ¹	57.5	58.2	45.2	49.6	43.6	46.0	0	0	0	0
Bergen Valley ES	89.9	83.3	71.4	67.3	72.3	64.0	74.8	77.2	78.8	82.2
Parmalee ES	80.2	81.5	71.4	68.0	72.4	71.9	75.0	75.0	77.3	75.0
Wilmot ES	74.6	73.3	64.8	60.2	65.6	68.1	68.4	68.6	67.1	68.8

¹ Bergen Meadow ES will close at the end of the 2023-24 school year.

Golden

The Golden articulation area consists of one high school, one middle school, and five elementary schools. Overall utilization is projected to fall over the next four years, with Bell MS projected to be under 60 percent utilized, and Ralston ES, projected to decline to 61.9 percent utilization (Table 12). Welchester ES is expected to increase by 8.1 percent. Golden HS has a utilization of 103.0 percent in 2023-24 but is projected to decline. Ralston ES shares a border with Shelton ES and Mitchell ES, so a boundary change could potentially increase utilization and provide a better balance among the elementary schools in the articulation area.

Table 12. Golden Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Golden HS	93.1	96.3	96.9	95.7	99.4	103.0	93.6	90.5	84.2	82.9
Bell MS	75.2	75.2	69.6	63.2	59.3	61.9	56.7	56.2	57.4	57.9
Kyffin ES	83.3	80.6	78.6	81.9	84.0	84.9	85.9	84.5	81.8	80.2
Mitchell ES	99.5	100.5	96.7	93.7	91.5	88.0	91.2	86.1	82.9	82.2
Ralston ES	62.1	59.5	58.0	54.6	59.3	63.0	60.0	60.4	60.8	61.9
Shelton ES	97.5	92.3	82.4	78.5	72.5	76.9	70.0	72.3	71.9	75.2
Welchester ES	72.4	76.9	65.2	62.4	66.0	63.6	70.7	70.2	72.4	71.7

Green Mountain

The Green Mountain articulation area consists of one high school, one middle school, and five elementary schools. Utilization at Green Mountain HS is projected to drop below 60 percent utilization starting in 2024-25, while Foothills ES is at 107.7 percent utilization in 2023-24 (Table 13). At the end of the 2022-23 school year, Green Mountain ES was consolidated into Foothills ES, resulting in a 33.4 percent increase in utilization at Foothills in 2023-24. Boundary changes with Hutchinson ES, consistently below 70 percent utilization, could potentially balance enrollment between the elementary schools.

Table 13. Green Mountain Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Green Mountain HS	62.0	63.0	64.0	60.6	60.8	60.9	58.5	58.0	57.5	58.4
Dunstan MS	84.3	83.9	80.2	74.0	73.0	70.2	74.9	74.0	74.8	77.3
Devinny ES	91.9	94.3	91.9	92.5	90.3	96.6	95.5	97.3	97.3	96.8
Foothills ES	76.0	80.1	71.6	69.4	74.3	107.7	92.4	92.4	90.5	89.4
Hutchinson ES	45.8	51.9	51.7	55.3	59.3	64.1	64.4	65.9	67.6	66.8
Rooney Ranch ES	100.0	100.0	91.6	89.3	90.1	93.0	91.6	92.2	94.1	90.5

Jefferson

The Jefferson articulation area consists of one junior-senior high school (7–12) and two elementary schools (K–6). At the end of the 2022–23 school year, Molholm ES was consolidated into Lumberg ES, resulting in a 41 percent utilization increase at Lumberg in 2023–24 (Table 14). Utilization is projected to decline at all schools over the next four years. Over the next four years, utilization at Jefferson Junior-Senior HS is projected to fall by 22.9 percent. Edgewater ES is projected to decline to 62.2 percent utilization by 2027–28. Since Edgewater and Lumberg share a boundary, enrollment could potentially be balanced between the two schools through a boundary change to prevent a possible further decline for Edgewater to below 60 percent.

Table 14. Jefferson Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Jefferson Jr-Sr HS	60.0	60.5	59.3	56.4	55.1	56.4	48.8	43.0	36.7	33.5
Edgewater ES	99.5	88.9	77.5	67.4	69.0	76.8	68.1	63.2	61.7	62.2
Lumberg ES	79.4	72.5	60.9	57.3	57.6	98.6	89.9	91.3	93.8	96.0

Lakewood

The Lakewood articulation area consists of one high school, one middle school, and four elementary schools. Utilization at Lakewood HS is projected to increase over the next four years but still remain close to 100 percent at 98.4 percent in 2027–28 (Table 15). Lakewood HS has a transfer-in rate of 62.9 percent in 2023-24, including 8.7 percent from out of district. Creighton MS is projected to decline to 58.0 percent utilization by 2027–28. At the end of the 2022–23 school year, Glennon Heights ES was consolidated into Belmar ES, resulting in a 32.6 percent increase in utilization at Belmar in 2023–24. Utilization at Slater is expected to stay below 60 percent in 2027. Enrollment could potentially be balanced among all elementary schools in the articulation area through a series of boundary changes.

Table 15. Lakewood Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Lakewood HS ¹	110.2	107.8	110.1	104.9	99.3	95.9	99.6	102.8	101.4	98.4
Creighton MS	57.8	73.9	69.1	66.0	67.2	66.4	63.7	57.4	55.5	58.0
Belmar ES	94.6	69.5	67.7	63.2	64.4	97.0	91.9	94.0	94.6	94.3
Eiber ES	87.8	81.8	83.6	73.2	67.5	70.8	61.9	64.3	61.9	60.0
Slater ES	79.7	64.7	57.0	55.6	49.8	62.1	53.6	52.6	54.0	55.7
South Lakewood ES	91.9	75.2	71.8	61.4	62.7	71.8	70.2	73.0	73.4	76.2

¹Membership projections assume current rates of choice continue into the future resulting in high projected utilization.

Pomona

The Pomona articulation area has one high school, one middle school, and three elementary schools. Moore MS will close in June 2024 and students will attend Pomona HS as a 6-12 school. The high school is still projected to continue to decline until 2027–28 with 46.1 percent utilization in 2027–28 (Table 16). Moore MS has a transfer-out rate of 67.4 percent. Parr ES was consolidated into Little ES at the end of the 2022–23 school year, resulting in an increase in enrollment for Little of 20.9 percent in 2023–24. Warder ES shares a boundary with Weber, which is projected to decrease below 50 percent utilization, so boundary adjustments could be used to balance enrollment between these two schools.

Table 16. Pomona Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Pomona HS	67.5	66.6	63.2	59.9	57.2	52.6	60.4	55.8	48.2	46.1
Moore MS ¹	76.0	73.2	70.5	61.7	46.2	34.3	0	0	0	0
Little ES	63.0	66.2	59.5	53.6	54.0	74.9	68.0	65.0	62.4	61.7
Warder ES	85.6	87.7	85.6	86.3	86.5	99.1	91.6	87.9	88.7	88.2
Weber ES	76.5	64.7	54.3	50.5	46.7	60.3	44.0	43.1	41.8	41.6
¹ Moore MS will close at the end of the 2023-24 school year.										

Ralston Valley

The Ralston Valley articulation area has one high school, two K–8 schools, one middle school, and four elementary schools. Ralston Valley HS utilization is projected to remain in the 87 percent range over the forecast period (Table 17). Coal Creek Canyon K–8 will close at in June 2024 and students will attend Three Creeks K-8. Three Creeks K–8 utilization is projected to increase to 131.4 percent. Oberon MS and some of the adjacent elementary schools may have to change boundaries with Three Creeks K–8 in order to balance enrollment. The elementary schools all remain above 60 percent utilization with the exception of Meiklejohn ES for two projected years. Meiklejohn ES has a transfer-out rate of 25.4 percent. The higher utilization of Van Arsdale (94.8 percent in 2024–25) could be balanced with Sierra and/or Meiklejohn since all three schools share a boundary.

Table 17. Ralston Valley Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Ralston Valley HS	83.7	84.7	86.9	83.3	84.7	87.1	85.7	86.4	87.5	87.7
Oberon MS	100.1	96.4	90.5	87.5	86.8	88.3	88.7	89.2	89.0	88.4
Coal Creek Canyon K–8 ¹	67.3	73.8	58.9	58.4	48.5	40.6	0	0	0	0
Three Creeks K–8 ²	71.3	94.5	94.6	99.9	106.3	109.0	117.5	123.6	125.8	131.4
Meiklejohn ES	65.9	64.4	61.0	58.1	56.6	64.4	58.6	59.9	61.3	61.5
Sierra ES	66.5	68.2	66.1	63.8	63.8	71.1	63.7	62.4	63.6	63.3
Van Arsdale ES	88.3	89.5	80.2	82.1	89.1	95.8	94.8	86.3	86.1	80.5
West Woods ES	103.7	101.4	92.2	93.8	91.2	91.1	92.4	94.6	95.3	94.3
¹ Coal Creek Canyon K-8 will close at the end of the 2023-24 school year.										
² Membership projections assume current rates of choice continue into the future resulting in high projected utilization.										

Standley Lake

The Standley Lake articulation area has one high school, two middle schools, and four elementary schools. Standley Lake HS and Wayne Carle MS are projected to continue to decline in enrollment over the next four years, with utilizations below 60 percent, and Mandalay MS is projected to decline and then slightly recover in 2027 to just over 60 percent (Table 18). At the end of the 2022–23 school year, Witt ES was consolidated into Lukas ES, resulting in a 30 percent increase in utilization at Lukas, and Sheridan Green ES was consolidated into Ryan ES, resulting in a 28.4percent increase in utilization at Ryan. While some boundary changes in this articulation area may help balance among the elementary schools (for example, Ryan shares a border with both Adams and Semper), the lower utilization overall in the articulation area among all elementary schools means that any intra-articulation area boundary changes would have only a small effect.

Table 18. Standley Lake Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Standley Lake HS	70.2	68.6	67.4	63.5	61.4	60.7	57.6	54.6	52.7	50.2
Mandalay MS	88.9	87.4	81.8	73.9	72.3	71.0	64.4	61.6	59.1	61.9
Wayne Carle MS	82.0	80.2	80.1	72.5	71.6	61.3	69.8	64.0	58.8	51.4
Adams ES	67.9	66.8	58.6	57.7	55.1	58.1	60.2	60.6	61.0	61.1
Lukas ES	68.0	62.4	52.4	47.6	50.5	80.5	79.6	79.6	81.9	83.2
Ryan ES	68.8	68.5	65.2	63.2	63.6	92.0	82.4	81.4	83.3	83.0
Semper ES	62.5	58.6	56.2	54.6	53.3	56.2	56.6	55.6	56.2	55.4

Wheat Ridge

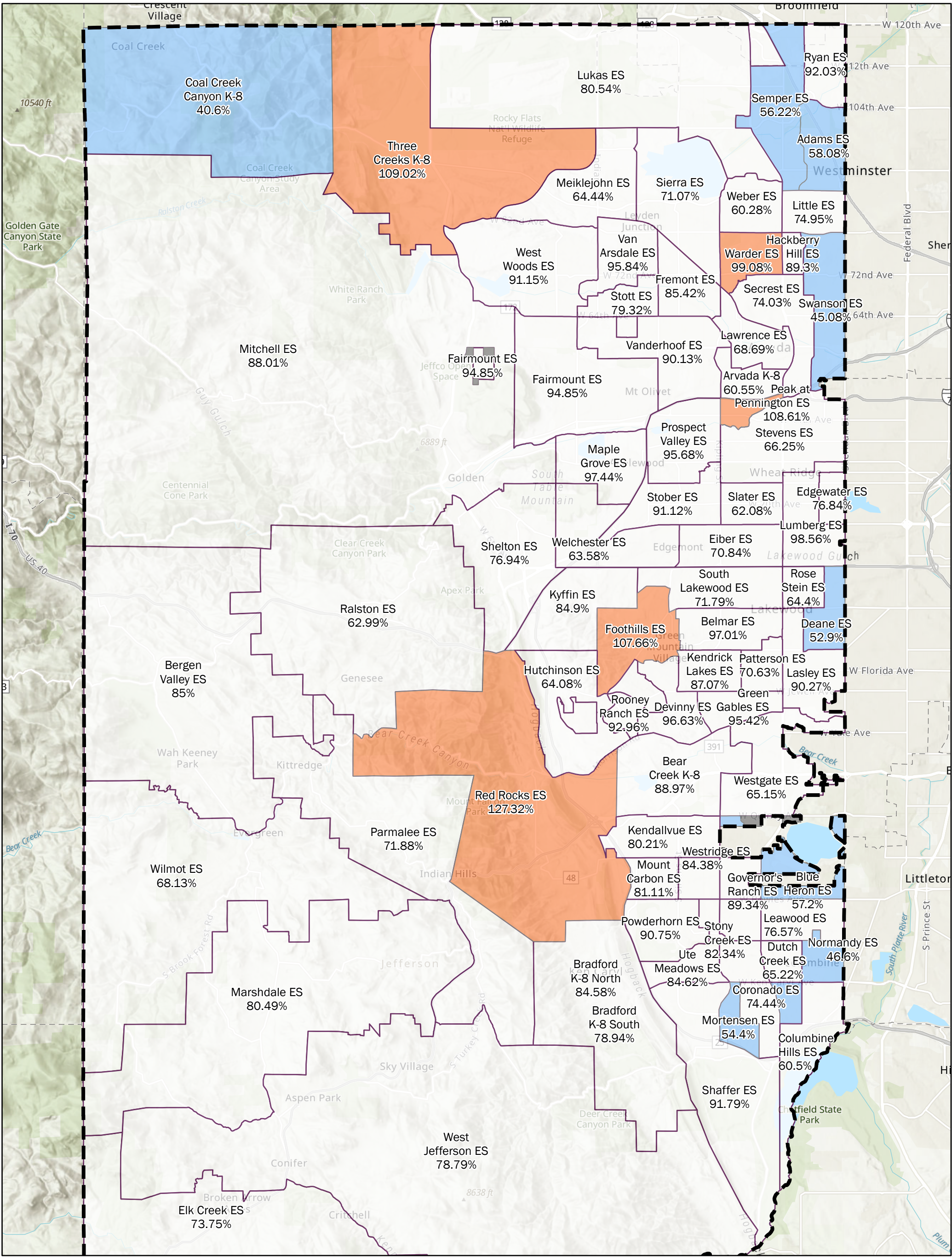
The Wheat Ridge articulation area has one high school, one middle school, and five elementary schools. Wheat Ridge HS is projected to have a decline in utilization over the following four years, and both Wheat Ridge and Everitt MS are projected to continue to stay below 60 percent utilization over the forecast period (Table 19). Everitt MS has a transfer-out rate of 63.5 percent in 2023-24. Projections for Maple Grove ES, Peak Expeditionary at Pennington, and Prospect Valley ES remain high into the future, with Pennington and Prospect Valley projected to be over 100 percent utilized by 2026-27. Pennington has a transfer-in rate of 76.8 percent and Prospect Valley has a transfer-in rate of 43.4 percent in 2023-24. Pennington and Prospect Valley both share a boundary with Stevens, and Prospect Valley and Maple Grove share a boundary with Stober. Boundary changes could help balance enrollment for elementary schools in this articulation area. At the end of the 2022-23 school year, Vivian ES was consolidated into Stober, Wilmore-Davis ES was consolidated into Stevens, and Kullerstrand ES was consolidated into Prospect Valley. These consolidations increased projected utilization for all three schools.

Table 19. Wheat Ridge Articulation Area Schools Historical and Projected Utilization Percentage

School Name	Historical Utilization						Projected Utilization			
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Wheat Ridge HS	70.7	69.2	67.7	63.7	57.0	55.1	56.6	55.4	52.3	50.8
Everitt MS	73.3	67.2	61.0	58.2	57.5	50.8	48.8	47.5	52.2	55.4
Maple Grove ES ¹	83.3	86.4	85.6	83.6	83.9	97.4	96.7	96.4	100.3	98.4
Peak at Pennington ES ¹	58.1	70.6	67.4	81.7	95.3	108.6	116.6	115.0	114.2	109.1
Prospect Valley ES ¹	70.4	72.6	66.7	66.4	68.1	95.7	98.9	98.2	101.5	101.0
Stevens ES	45.6	48.2	44.2	46.1	45.3	66.2	63.8	65.4	66.5	66.4
Stober ES	71.7	69.4	68.9	66.4	65.0	91.1	78.9	82.7	82.2	80.5

¹ Membership projections assume current rates of choice continue into the future resulting in high projected utilization.

2023 Utilization: Elementary School



District Boundary

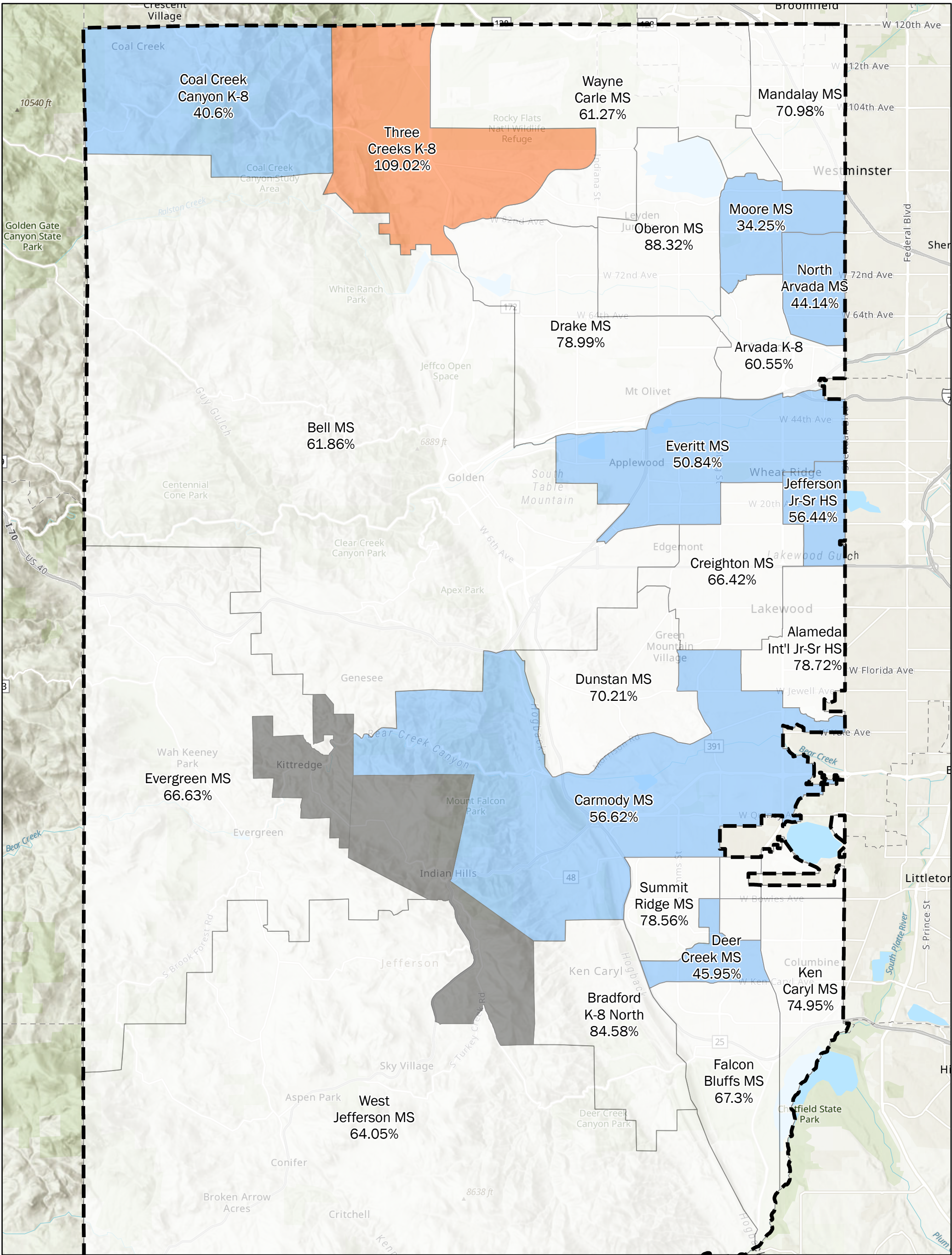
2023 Utilization (%)

- ≤ 60
- 60 - 99
- ≥ 100
- Option Area

N

0 1 2 4 Miles

2023 Utilization: Middle School



District Boundary

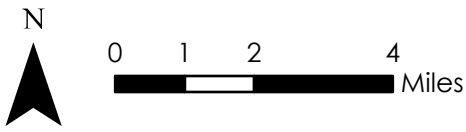
2023-24 Utilization (%)

≤ 60

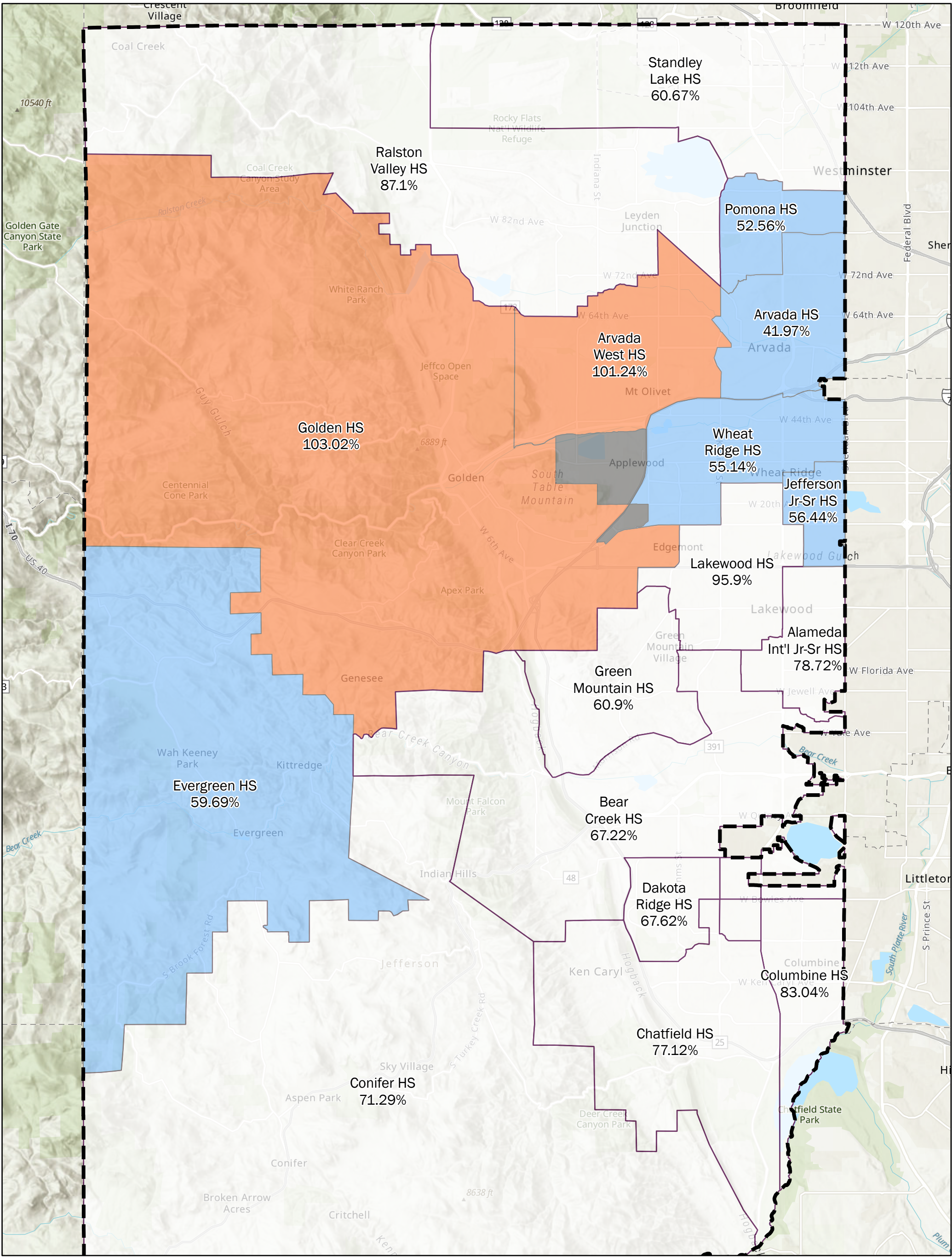
60 - 99

≥ 100

Option Area



2023 Utilization: High School





 District Boundary

2023-24 Utilization (%)

 ≤ 60

 60-99

 ≥ 100

 Option Area

N



0

1

2

4

Miles