

To: Poudre School District Date: March 6, 2023

From: Ethan Poole Project No.: F2434.01.001
Data Technician 2

Rebecca Wright Project Planner

Re: School Choice Analysis for Poudre School District

This memo describes intra-district school choice patterns in Poudre School District (the District). FLO Analytics (FLO) used 2022 student data received from Poudre School District (PSD) staff to create this analysis. Initial student data were geocoded using an address attribute provided by the PSD staff. Geocoded points were then spatially joined to attendance areas within the District and a residing school assigned based on a student's grade. The resulting matrix details numbers and rates of students attending or not attending their residing school, choice rates in and out of schools, and capture rates for each attendance area. The matrix analyzes only K–12 students within the student database that PSD staff provided; it does not detail charter school, program attendance within individual schools, nor pre-K enrollment.

Elementary Schools

The matrix reports enrollment and residence numbers for each elementary school as well as four 100 percent choice schools: Harris Elementary, Polaris Expeditionary Learning, Poudre Global Academy, and PSD Option School. Grades K to 5 were considered for elementary school analysis. Three schools are reported in the matrix but not considered for analysis within this report: Livermore, Red Feather Lakes, and Stove Prairie. Due to their low enrollment numbers and remote nature, these schools have atypical rates which are not indicative of other schools within the district.

The overall capture rate at the elementary level is 73.58 percent (Figure 1). According to the National Center for Education Statistics, in 2019 72.8 percent of students attended their assigned public school. At the individual school level, capture rates range from 46.47 to 93 percent. Schools with capture rates below the district-wide rate are Bacon, Bauder, Beattie, Bennett, Cache La Poudre, Irish, Kruse, Laurel, Linton, Livermore, Lopez, O'Dea, Olander, Putnam, Red Feather, and Timnath. The school with the lowest capture rate is Putnam Elementary with 46.47 percent. Out of a total of 340 students residing in the Putnam attendance area, only 158 attend Putnam Elementary. Putnam does have a fairly standard choice-in rate of 33.05 percent compared with other district schools. Out of a total enrollment of 236, 78 students come from outside the Putnam attendance area, with the highest number of students, 17, coming from Irish Elementary.

The school with the highest capture rate is Bethke Elementary with 93 percent. Out of a total of 543 students residing in the Bethke attendance area, 505 attend Bethke Elementary.

The overall elementary choice-in rate for the District, including 100 percent choice schools, is 28.28 percent. The average choice-in rate for attendance area elementary schools is 22.35 percent (Figure 2). Schools with choice-in rates above the district-wide rate are Dunn, Irish, McGraw, Olander, and Putnam. Choice-in rates at each elementary school range from 2.86 to 62.98 percent. Bethke has the lowest choice-in rate of non-mountain schools at 8.86 percent. Out of a total enrollment of 554, 49 students choice in to Bethke Elementary. The highest number of choice students, 29, comes from Timnath Elementary. As previously stated, Bethke Elementary also has the highest elementary capture rate in the District.

Dunn Elementary has the District's highest elementary choice-in rate of 62.98 percent. Out of a total enrollment of 389 students, 245 students come from outside the Dunn attendance area. The largest number of choice students, 59, comes from Putnam Elementary, whose attendance area neighbors Dunn's and whose capture rate is the lowest in the District.

There are 285 elementary students attending Poudre School District schools from outside the District. Bacon and Kruse both have the largest number of out-of-district elementary students; although, McGraw has the largest percentage, with 10.24 percent of its total enrollment coming from outside the District.

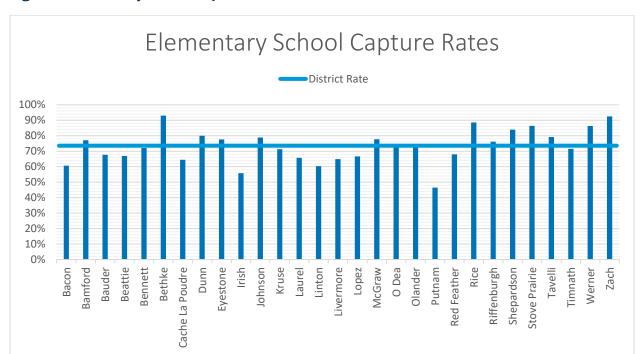
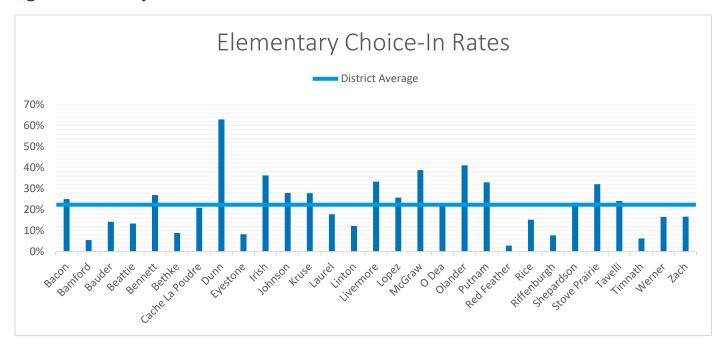


Figure 1. Elementary School Capture Rates

Figure 2. Elementary Choice-In Rates



Middle Schools

The matrix reports enrollment and residence numbers for each middle school as well as six 100 percent choice schools: Journey Program, Kinard, Polaris Expeditionary Learning, Poudre Community, Poudre Global Academy, and PSD Options School. Grades 6-8 were considered for middle school analysis. Both Wellington and Timnath are new facilities and serve grades 6-10 in the 2022-23 school year. For the middle school section of this analysis, only grades 6-8 were considered.

The District has an overall capture rate at the middle school level of 69.30 percent. At the individual school level, capture rates range from 47.21 percent to 89.39 percent (Figure 3). Schools with capture rates below the district-wide rate are Blevins, Lincoln, and Preston. The school with the lowest capture rate is Preston, with 47.21 percent. Out of a total of 985 students residing in the Preston attendance area, only 465 attend Preston Middle School. A total of 473 students in the Preston attendance area attend nearby Kinard Core Knowledge School, a 100 percent choice school.

The school with the highest capture rate is Wellington Middle-High School with a total capture rate of 89.39 percent. Out of a total of 603 students residing in the Wellington attendance area, 539 attend Wellington Middle-High School.

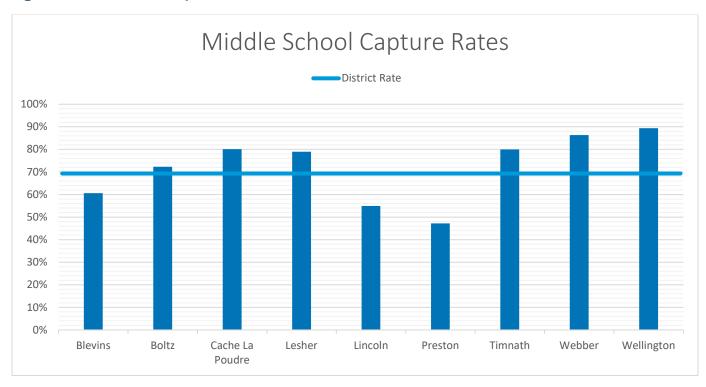
The overall middle school choice-in rate for the District, including 100 percent-choice schools, is 32.28 percent. Schools with choice-in rates above the district-wide rate are Cache La Poudre and Lesher (Figure 4). The average choice-in rate for attendance area middle schools is 19.42 percent. Choice-in rates at each attendance area middle school range from 3.58 to 39.14 percent. Wellington Middle-High School has the District's lowest middle school choice-in rate at 3.58 percent. Out of a total of 559 students enrolled, 20 students choice in, with the largest number, 9, coming from Lincoln Middle School.



Lesher Middle School has the District's highest choice-in rate of 39.14 percent. Out of a total enrollment of 723 students, 283 come from outside the Lesher attendance area. The largest number of choice students at Lesher comes from Lincoln Middle School, whose attendance area neighbors Lesher's.

There are 140 middle school students attending Poudre School District schools from outside the District. Webber Middle School has both the largest number of out-of-district elementary students and the largest percentage, with 5.08 percent of its total enrollment coming from outside the District.

Figure 3. Middle School Capture Rates





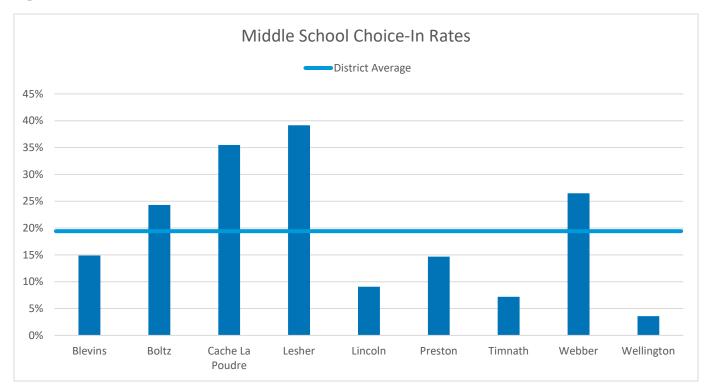


Figure 4. Middle School Choice-In Rates

High Schools

The matrix reports enrollment and residence numbers for each high school as well as five 100 percent choice schools: Centennial, Journey Program, Polaris Expeditionary Learning, Poudre Community, and Poudre Global Academy. Grades 9-12 were considered for high school analysis. Both Wellington and Timnath are new facilities and serve grades 6-10 in the 2022-23 school year. For this analysis only students in grades 9 and 10 were considered to be residing in the Wellington or Timnath attendance areas. Students in grade 11 and 12 were assigned to Poudre High School and Fossil Ridge, respectively.

The District has an overall capture rate at the high school level of 77.84 percent. At the individual school level, capture rates range from 58.27 percent to 85.88 percent (Figure 5). Schools with capture rates below the district-wide rate are Poudre, Timnath, and Wellington. The high school with the lowest capture rate is Timnath Middle-High School, with a capture rate of 58.27 percent. Out of a total of 544 students residing in the Timnath attendance area, only 317 attend Timnath Middle-High School. 189 students in the Timnath attendance area choice to Fossil Ridge, which is where Timnath students are assigned for grades 11 and 12.

The school with the highest capture rate is Fossil Ridge, with 85.88 percent. Out of a total of 2,004 students residing in the Fossil Ridge attendance area, 1,721 attend Fossil Ridge High School. As previously noted, the Fossil Ridge attendance area encompasses Timnath Middle-High's attendance area for grades 11 and 12.

The overall high school choice-in rate for the District is 24.15 percent. At the high school level, this rate is driven primarily by the five 100 percent choice schools; all attendance area schools have choice-in rates below the district-wide rate. The average choice-in rate for attendance area high



schools is 15.30 percent (Figure 6). Choice-in rates at each attendance area high school range from 3.99 percent to 21.71 percent. Timnath Middle-High School has the District's lowest high school choice-in rate at 3.99 percent. Out of a total of 370 students enrolled, 53 students choice in, with the largest number, 22, coming from Fossil Ridge High School.

Poudre High School has the District's highest choice-in rate of 21.71 percent. Out of a total enrollment of 1,663 students, 361 come from outside the Poudre attendance area. The largest number of choice students at Poudre comes from Fort Collins High School, whose attendance area neighbors Poudre's.

There are 233 high school students attending Poudre School District schools from outside the District. Fossil Ridge High School has the largest number of out-of-district high school students with 56 of 2,055 students coming from out of the district. Timnath Middle-High School however has the largest percentage of out-of-district high school students, with 11 of 370 students coming from out of the District.

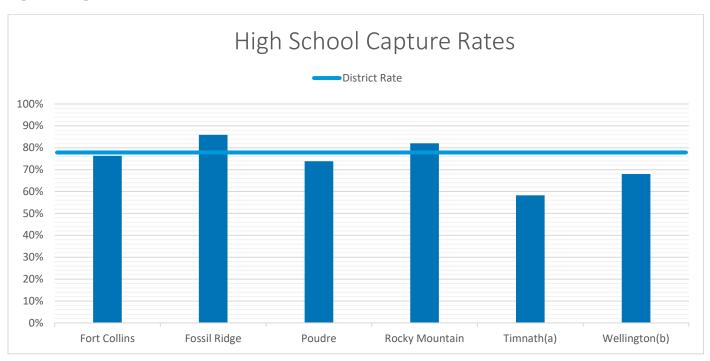
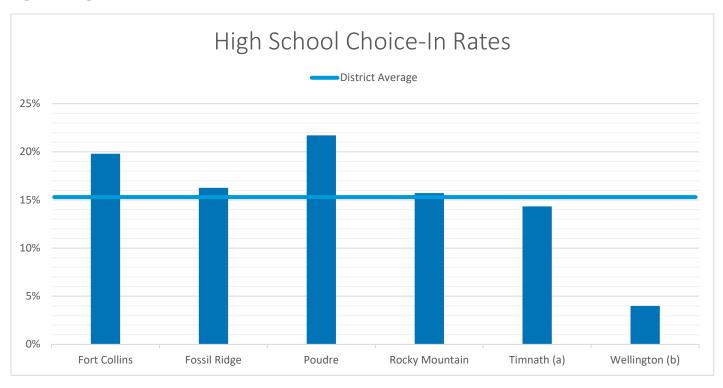


Figure 5. High School Capture Rates

Note (a) and (b) include grades nine and ten only.



Figure 6. High School Choice-In Rates



Note (a) and (b) include grades nine and ten only.



Attachment 1: 2022–2023 District-wide Transfer Rates

Grade Group	Enrollment In- District	Enrollment Out-of- District	Enrollment Total	Transfers Intra-district	Transfers Total	Transfer Rate Intra-district	Transfer Rate into Poudre School District	Transfer Rate Total
K-5	10,951	285	11,236	2,893	3,178	26.4%	2.5%	28.3%
6-8	5,997	140	6,137	1,841	1,981	30.7%	2.3%	32.3%
9-12	8,864	233	9,097	1,964	2,197	22.2%	2.6%	24.2%
District-wide	25,812	658	26,470	6,698	7,356	25.9%	2.5%	27.8%

Poudre School District October 2022–23 SIS enrollment. Residence counts are based on current attendance area boundaries, as of the 2022–23 school year.

Attachment 2: 2022–2023 Elementary School Enrollment Patterns Residence-Attendance Matrix

School of Attendance School of Residence	Residence Count	Bacon	Bamford	Bauder	Beattie	Bennett	Bethke	Cache La Poudre	Dunn	Eyestone	Irish	Johnson	Kruse	Laurel	Linton	Livermore	Lopez	McGraw	O Dea	Olander	Putnam	Red Feather	Rice	Riffenburgh
Bacon	475	288	0	0	0	1	0	0	0	0	0	0	9	0	1	0	1	2	0	0	0	0	0	0
Bamford	332	13	256	0	2	0	14	0	0	0	0	0	0	0	6	0	0	0	1	0	1	0	0	0
Bauder	570	1	0	386	6	24	0	3	36	0	15	3	1	5	2	0	2	7	6	22	4	0	2	2
Beattie	357	2	0	4	239	4	0	0	5	0	4	23	3	2	0	0	20	3	10	13	0	0	0	0
Bennett	398	0	0	11	1	287	0	1	9	0	13	8	0	5	1	0	2	2	6	17	2	0	0	0
Bethke				0	0			0	1			_	•		0				0				0	1
	543	3	3	0	0	0	505	0	1	0	0	0	3	0	0	0	0	2	0	0	0	0	-	
Cache La Poudre	346	1	0	3	1	3	0	223	13	4	8	0	0	2	0	0	0	2	1	4	8	0	7	0
Dunn	180	0	4	2	0	13	0	1	144	0	3	1	2	1	0	0	0	0	2	0	4	0	0	0
Eyestone	656	0	0	2	1	5	0	5	6	509	4	1	4	2	1	2	3	1	8	1	3	0	55	0
Irish	330	0	0	9	2	7	0	16	32	2	184	3	0	5	2	0	1	0	7	6	17	0	0	0
Johnson	298	1	0	10	3	3	0	0	0	0	2	235	2	0	0	0	6	15	0	14	0	0	0	1
Kruse	436	9	0	2	0	3	0	0	1	0	0	1	311	0	4	0	3	1	0	1	0	0	0	1
Laurel	542	0	0	1	1	6	1	5	32	1	6	3	4	356	0	1	1	3	7	2	7	0	0	5
Linton	439	6	0	0	3	1	0	0	1	1	0	0	20	3	265	0	8	4	5	5	5	0	0	0
Livermore	37	0	0	1	0	0	0	2	2	0	0	0	0	0	0	24	0	0	0	0	0	0	4	0
Lopez	351	6	1	1	7	5	0	0	4	0	0	10	7	4	2	0	234	25	2	11	0	0	0	2
McGraw	292	0	0	1	2	2	0	0	0	0	2	4	1	1	0	0	7	227	0	12	1	0	0	0
O Dea	454	0	0	0	2	2	0	0	7	0	2	3	7	4	3	0	5	7	331	4	7	0	0	7
Olander	253	0	0	10	0	2	0	0	8	0	4	13	1	1	0	0	5	4	4	186	0	0	0	0
Putnam	340	0	0	2	0	5	1	10	59	2	19	1	1	7	0	0	1	2	2	1	158	0	0	2
Red Feather	50	0	0	0	0	0	0	4	0	1	0	0	0	0	0	9	0	0	0	0	1	34	0	0
Rice	436	0	0	0	1	1	0	2	0	12	3	0	3	1	0	0	0	0	5	0	2	0	386	0
Riffenburgh	580	2	0	0	1	6	1	1	6	0	0	0	4	9	3	0	4	6	6	2	1	0	0	442
Shepardson	379	0	1	0	0	5	1	0	4	0	1	1	7	3	1	0	0	3	2	0	0	0	0	4
Stove Prairie	22	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tavelli	504	1	0	3	0	0	0	5	8	2	12	3	3	7	2	0	0	3	12	0	9	1	0	2
Timnath	544	9	4	0	1	0	29	0	5	1	0	0	3	11	1	0	2	1	2	0	5	0	0	2
Werner	379	8	0	0	0	0	0	0	3	0	1	0	8	1	0	0	0	9	1	3	0	0	0	0
Zach	428	7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0
K-5 Subtotals	10,951	357	269	449	273	385	552	279	386	535	283	313	404	430	295	36	305	333	420	304	235	35	454	471
Out of District	285	27	2	1	3	8	2	3	3	20	6	13	27	3	7	0	10	38	9	12	1	0	1	8
K-5 Totals	11,236	384	271	450	276	393	554	282	389	555	289	326	431	433	302	36	315	371	429	316	236	35	455	479
Transfer In Student Total	3,178	96	15	64	37	106	49	59	245	46	105	91	120	77	37	12	81	144	98	130	78	1	69	37
Transfer In Rate	28.28%	25.00%	5.54%	14.22%	13.41%	26.97%	8.84%	20.92%	62.98%	8.29%	36.33%	27.91%	27.84%	17.78%	12.25%	33.33%	25.71%	38.81%	22.84%	41.14%	33.05%	2.86%	15.16%	7.72%

Attachment 2: 2022–2023 Elementary School Enrollment Patterns Residence-Attendance Matrix

School of Attendance School of Residence	Residence Count	Shepardson	Stove Prairie	Tavelli	Timnath	Werner	Zach	Harris	Polaris Expedifionary Learning	Poudre Global Academy	PSD Options School	Traut	Capture Rate	Transfer Out Student Total	Transfer Out Rate
Bacon	475	2	0	0	0	9	32	4	0	1	0	125	60.63%	187	39.37%
Bamford	332	0	0	0	3	2	6	2	0	1	3	22	77.11%	76	22.89%
Bauder	570	0	0	2	0	3	0	18	12	1	5	2	67.72%	184	32.28%
Beattie	357	6	0	0	0	4	0	6	2	0	6	1	66.95%	118	33.05%
Bennett	398	3	0	1	0	1	0	11	11	1	1	4	72.11%	111	27.89%
Bethke	543	0	0	0	5	2	4	0	0	1	0	13	93.00%	38	7.00%
						2				1		13			
Cache La Poudre	346	0	3	40	0	ļ	0	6	9	3	3	ı	64.45%	123	35.55%
Dunn	180	0	0	0	0	0	0	0	3	0	0	0	80.00%	36	20.00%
Eyestone	656	2	0	11	0	2	4	6	2	3	6	7	77.59%	147	22.41%
Irish	330	0	0	7	1	0	0	16	10	2	0	1	55.76%	146	44.24%
Johnson	298	1	0	0	0	1	0	2	2	0	0	0	78.86%	63	21.14%
Kruse	436	3	1	0	0	4	2	6	1	1	2	79	71.33%	125	28.67%
Laurel	542	8	0	20	2	2	2	45	11	4	0	6	65.68%	186	34.32%
Linton	439	18	0	0	0	5	4	37	0	2	3	43	60.36%	174	39.64%
Livermore	37	0	0	1	0	0	0	0	0	0	3	0	64.86%	13	35.14%
Lopez	351	4	0	2	0	5	1	4	5	4	1	4	66.67%	117	33.33%
McGraw	292	2	0	2	0	1	0	9	8	1	0	9	77.74%	65	22.26%
O Dea	454	15	0	5	1	3	1	17	7	0	0	14	72.91%	123	27.09%
Olander	253	1	0	0	0	0	1	7	2	1	0	3	73.52%	67	26.48%
Putnam	340	1	0	16	0	0	0	28	12	3	6	1	46.47%	182	53.53%
Red Feather	50	0	0	0	0	0	0	0	0	0	1	0	68.00%	16	32.00%
Rice	436	0	0	6	0	0	1	2	1	2	4	4	88.53%	50	11.47%
Riffenburgh	580	15	0	1	1	5	4	19	1	5	3	32	76.21%	138	23.79%
Shepardson	379	318	0	1	2	0	0	8	0	0	1	16	83.91%	61	16.09%
Stove Prairie	22	0	19	0	0	0	0	0	0	0	0	1	86.36%	3	13.64%
Tavelli	504	4	0	399	0	2	0	11	5	4	1	5	79.17%	105	20.83%
Timnath	544	6	0	3	389	1	11	27	0	2	4	25	71.51%	155	28.49%
Werner	379	2	0	0	0	327	0	2	2	0	0	12	86.28%	52	13.72%
Zach	428	0	0	2	0	2	396	1	0	2	1	12	92.52%	32	7.48%
K-5 Subtotals	10,951	411	23	519	404	382	469	294	106	44	54	442	73.58%	2,893	26.42%
Out of District	285	4	5	7	11	10	6	5	2	18	8	5		285	
K-5 Totals	11,236	415	28	526	415	392	475	299	108	62	62	447		3,178	
Transfer In Student Total	3,178	97	9	127	26	65	79	299	108	62	62	447			
Transfer In Rate	28.28%	23.37%	32.14%	24.14%	6.27%	16.58%	16.63%	100.00%	100.00%	100.00%	100.00%	100.00%			

Attachment 3: 2022–2023 Middle School Enrollment Patterns Residence-Attendance Matrix

School of Attendance School of Residence	Residence Count	Blevins	Boltz	Cache La Poudre	Lesher	Lincoln	Preston	Timnath	Webber	Wellington	Journey Program	Kinard	Polaris Expeditionary Learning	Poudre Community	Poudre Global Academy	PSD Options School	Capture Rate	Transfer Out Student Total		Transfer Out Rate
Blevins	708	429	23	7	63	15	1	1	118	1	0	13	27	1	6	3	60.59%	279	39.41%	39.41%
Boltz	607	6	439	0	36	1	15	5	13	1	0	77	4	0	7	3	72.32%	168	27.68%	27.68%
Cache La Poudre	261	2	2	209	12	11	1	2	1	4	0	3	6	0	5	3	80.08%	52	19.92%	100.00%
Lesher	557	7	26	1	440	4	5	8	2	1	0	38	10	1	12	2	78.99%	117	21.01%	21.01%
Lincoln	896	34	41	88	126	492	4	10	12	9	3	12	44	4	17	0	54.91%	404	45.09%	45.09%
Preston	985	0	8	1	7	2	465	14	5	0	0	473	7	0	3	0	47.21%	520	52.79%	52.79%
Timnath	759	0	10	0	14	2	28	607	0	1	0	87	2	1	6	1	79.97%	152	20.03%	100.00%
Webber	621	15	13	0	10	4	3	0	536	1	0	22	14	0	3	0	86.31%	85	13.69%	13.69%
Wellington	603	3	5	15	4	7	3	4	5	539	0	6	3	1	6	2	89.39%	64	10.61%	10.61%
6-8 Subtotals	5,997	496	567	321	712	538	525	651	692	557	3	731	117	8	65	14	69.30%	1,841	30.70%	44.31%
Out of District	140	8	13	3	11	3	20	3	37	2	1	17	5	0	15	2		140		
6-8 Totals	6,137	504	580	324	723	541	545	654	729	559	4	748	122	8	80	16		1,981		
Transfer In Student Total	1,981	75	141	115	283	49	80	47	193	20	4	748	122	8	80	16				
Transfer In Rate	32.28%	14.88%	24.31%	35.49%	39.14%	9.06%	14.68%	7.19%	26.47%	3.58%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%				

Attachment 4: 2022–2023 High School Enrollment Patterns Residence-Attendance Matrix

School of Attendance School of Residence	Residence Count	Fort Collins	Fossil Ridge	Poudre	Rocky Mountain	Timnath	Wellington	Centennial	Journey Program	Polaris Expeditionary Learning	Poudre Community	Poudre Global Academy	Capture Rate	Transfer Out Student Total	Transfer Out Rate
Fort Collins	2,001	1,527	55	130	110	13	1	49	2	32	46	36	76.31%	474	23.69%
Fossil Ridge	2,004	126	1,721	15	56	22	0	16	0	13	22	13	85.88%	283	14.12%
Poudre	1,763	112	14	1,302	92	4	4	37	6	42	110	40	73.85%	461	26.15%
Rocky Mountain	2,127	72	17	108	1,744	0	2	22	5	59	57	41	81.99%	383	18.01%
Timnath ^(a)	544	19	189	2	9	317	1	0	0	0	2	5	58.27%	227	41.73%
Wellington ^(b)	425	20	3	84	8	3	289	5	1	2	7	3	68.00%	136	32.00%
9-12 Subtotals	8,864	1,876	1,999	1,641	2,019	359	297	129	14	148	244	138	77.84%	1,964	22.16%
Out of District	233	28	56	22	50	11	4	12	0	8	16	26		233	
9-12 Totals	9,097	1,904	2,055	1,663	2,069	370	301	141	14	156	260	164		2,197	
Transfer In Student Total	2,197	377	334	361	325	53	12	141	14	156	260	164			
Transfer In Rate	24.15%	19.80%	16.25%	21.71%	15.71%	14.32%	3.99%	100.00%	100.00%	100.00%	100.00%	100.00%			

⁽a) Grades 9 and 10 only. Students residing in the Timnath attendance area are assigned to Fossil Ridge for grades 11 and 12.

⁽b) Grades 9 and 10 only. Students residing in the Wellington attendance area are assigned to Poudre High School for grades 11 and 12.