

PUEBLO CITY SCHOOLS DISTRICT #60

ENROLLMENT PROJECTIONS

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PUEBLO CITY SCHOOLS ENROLLMENT PROJECTIONS

Executive Summary

- Since 2007-2008
 - Pueblo City Schools enrollment without charters (excluding Early Childhood) decreased by 372 students or -2.5 percent
 - District #60 enrollment with charters (excluding Early Childhood) decreased by 931 students of -5.5 percent
 - The school age population in District #60 increased
 - The market share of the Pueblo City Schools (without charters) is 77.6 percent
- In ten years
 - Pueblo City Schools enrollment without charters is projected to range from 12,093 to 12,590, a decrease from the 2017-18 enrollment of 14,467 (excluding Early Childhood) or a decrease of -13.0 percent to -16.4 percent
 - District #60 enrollment with charters is projected to range from 13,898 to 14,375 compared to the 2017-18 enrollment of 16,059 (excluding Early Childhood) or a decrease of -10.5 percent to -13.5 percent
 - Enrollment will decrease in the elementary schools first. Enrollment decreases in the high schools will occur in the second five projection years
 - Several factors account for these decreases
 - Births in the District are down and are projected to remain near today's level in the near-term future. The District's population is older and current fertility levels are low
 - The District has a long history of net out migration at nearly every grade
 - More resident students are opting to leave the District through open enrollment including online options
 - Projected increase in housing units is modest and new units are not adding many school age children
- The Pueblo City Schools with and without charters is unusual because the schools lose many students in the transition from elementary school to middle school (Grade 5 to Grade 6). Some of these students may return for high school, but some are lost
- **What could occur to make these projections too high or too low**
 - Too high
 - Increased competition from charter schools and external online schools/programs
 - Too low
 - More kindergarten students than projected

ENROLLMENT PROJECTIONS WITHOUT CHARTER SCHOOLS

Introduction

Public school enrollment is affected by the size of a school district's school age population and the education choices available to district residents. A district's school age population is closely related to other population characteristics of the district, especially the age of the district's population. For example, the age of adults, especially the number of women of prime childbearing age, effects the number of births, which translates into kindergarten classes five to six years later. The age of adults also effects population mobility. Older people move less frequently than younger people. The movement of families with children under 18 years also effects enrollment and in a mobile society, enrollment changes throughout the school year as families with children move. While most population trends find expression in school districts, there is also change that is unpredictable and sometimes very local.

While population changes affect the total number of school age children residing in a school district, Colorado students and their families have education choices. These choices also effect enrollment in a district's schools. Therefore, when analyzing public school enrollment, choice must be considered as well as population dynamics. Choice includes nonpublic schools, home schools, and the public options of open enrollment, including online schools/programs, charter schools and alternative schools. Two other choices exist: a) dropping out of high school, and b) delaying starting kindergarten (academic redshirting).

Enrollment Trends

Enrollment in the Pueblo City Schools

Current Enrollment/Past Trends

In Colorado, if a charter school's contract is with the school district, enrollment must be included in total District enrollment. In District #60, several charter schools are included in the District's total enrollment. This report, however, will primarily focus on the enrollment in the Pueblo City Schools (without charters), although a chapter of this report will be devoted to District #60 enrollment including the charter schools. Projections will be made for the Pueblo City Schools (without charters) and for District #60 enrollment (with charters).

Enrollment trends play out over extended periods of time. Over the past ten years, enrollment in the Pueblo City Schools (without charters and excluding Early Childhood) decreased by 372 students or -2.5 percent while District #60 enrollment (with charters but excluding Early Childhood) decreased by 931 students or -5.5 percent. Enrollment in the Pueblo City Schools (without charters) initially drifted downward, then reversed and increased to a high of 15,515 students in 2014-15. Since 2014-15, enrollment has decreased every year with a large decrease this past year. Because nonresidents make up a tiny percentage of enrollment (386 students or 2.7 percent in 2017-18), enrollment decline is concentrated among resident students.

PUEBLO CITY SCHOOLS WITHOUT CHARTERS										
2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
14,839	14,836	14,680	15,012	15,151	15,019	15,425	15,515	15,287	14,989	14,467

Source: Pueblo City Schools, Fall Enrollment. Excludes Early Childhood (896 students in 2017-18)

DISTRICT #60 ENROLLMENT WITH CHARTERS										
2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
16,990	17,044	16,853	16,831	16,898	16,688	17,007	16,988	16,785	16,460	16,059

Source: Pueblo City Schools, Fall Enrollment. Excludes Early Childhood (896 students in 2017-18). Includes charter schools and PYSC Detention Center students

To better understand enrollment change, it is important to understand the components of this change. Like all population change, school enrollment change results from two different phenomena—natural increase/decrease and net migration. The difference between the size of the incoming kindergarten class and the previous year's Grade 12, called natural increase or decrease, measures the change in past birth numbers or cohort change. For example, the Baby Boom (1946-1964) and the Baby Bust (1965-1976) set in motion cycles of rising and falling enrollment that are reflected as natural increase/decrease. As the next table shows, since 2007-08, Pueblo City Schools' kindergarten classes have been larger than the previous year's Grade 12, although much of this difference results from the loss of high school students not from cohort change (change in births). Natural increase accounted for 2,377 students in the past ten years.

COMPONENTS OF ENROLLMENT CHANGE PUEBLO CITY SCHOOLS WITHOUT CHARTERS				
October To October	Total		Natural Increase/ Decrease	Net Migration
	#	%		
2007 to 2008	-3	---	482	-485
2008 to 2009	-156	-1.1%	417	-573
2009 to 2010	332	2.3%	575	-243
2010 to 2011	139	0.9%	231	-92
2011 to 2012	-132	-0.9%	29	-161
2012 to 2013	406	2.7%	493	-87
2013 to 2014	90	0.6%	189	-99
2014 to 2015	-228	-1.5%	156	-384
2015 to 2016	-298	-1.9%	149	-447
2016 to 2017	-522	-3.5%	138	-660
Total	-369	---	2,377	-2,746

The other phenomenon affecting school enrollment is migration, an indirectly derived estimate. Migration is the term used when people move across a boundary or border, in this case, the school

district's boundaries. Net migration is calculated by the progression from grade-to-grade of public school students. For example, public school Kindergarten students are moved to Grade 1 in the following year, Grade 1 students to Grade 2, etc. Because the probability of death is very low among children, the same number of students is expected in the next higher grade the following year. Therefore, if the number of students changes, migration is assumed to have occurred. A positive number indicates a net flow into the public schools and a negative number reflects a net flow out of the public schools.

This method for estimating migration does not distinguish between physical movement across the district's boundaries and education choices, such as transferring from a nonpublic school to a public school, transferring to a charter school or open enrolling in a public school outside the district. Further, students who move into or out of a school district but never enroll in the district's public schools are not reflected in the migration numbers in this report.

Based on the described methodology, net migration was negative every year in the past ten years. Since 2007-08, net migration resulted in a loss of 2,746 students. This loss includes the loss of high school students and not necessarily movement out of the district. The combination of net migration and natural increase/decrease is the change in enrollment.

Student Choices in the Pueblo City School District #60

The number of education options available affects enrollment in the district's schools. Nonpublic schools have been an option for many years. More recently, home schools became another nonpublic option. Since their inception, public school options are attracting more students every year. Open enrollment allows residents of one district to attend public schools in another district. Charter schools are another public option. All these choices mean competition for students.

Nonpublic Enrollment and Home Schools

Today, nonpublic enrollment falls into two categories—traditional nonpublic schools and home schools. Most traditional nonpublic schools are associated with religious institutions and many home school curriculums are faith based as well.

There are eight nonpublic schools located in the District. Some students enrolled in these schools may live outside the district; however, most are likely to be District residents. The reporting of enrollment to the Colorado Department of Education by nonpublic schools is spotty. Therefore, it is very difficult to construct a history of nonpublic enrollment. However, all eight schools reported enrollment in 2015-16. The sum of their K-8 enrollment was 531 students. Based on reported 2009-10 enrollment for these five schools and estimates for the remaining three schools, 2009-10 K-8 enrollment was about 485 students.

St. John Neumann Catholic School (K-8) and St. Therese Catholic School (K-8) have data from 2009-10 through 2015-16. Both schools experienced enrollment increases during this time.

Home school enrollment is provided by the District. The number of students home schooled is small and fluctuates from year to year. Based on an analysis of students who leave the Pueblo City Schools before school starts in the fall or during the year, the home school population appears to be unstable, that is, many students move in and out of the home school category. The 2016-17 school year

saw the largest home school enrollment since 2009-10. Home school enrollment has increased but the numbers are small.

NONPUBLIC SETTINGS			
Year	Traditional Nonpublic Schools*	Home Schools	Total
2007-08	n.a.	n.a.	n.a.
2008-09	n.a.	n.a.	n.a.
2009-10	485	53	538
2010-11	n.a.	0	n.a.
2011-12	n.a.	47	n.a.
2012-13	n.a.	41	n.a.
2013-14	n.a.	84	n.a.
2014-15	n.a.	68	n.a.
2015-16	531	79	610
2016-17	n.a.	120	n.a.
2017-18	n.a.	n.a.	n.a.

*Estimate based on data submitted to the Colorado Department of Education and the Individual school websites

Source: *Pueblo City Schools*

The proportion of District #60 residents in nonpublic settings is small, probably about 3 percent, which is a small percentage.

Public Options

Open Enrollment. Open enrollment allows Colorado students to attend public schools outside their district of residence. The only Colorado School District within reasonable driving distance is Pueblo County Schools District #70, which surrounds District #60. In the next table, the number of students attending District #70 but whose parent(s) are residents of District #60 is shown. Virtually all nonresident students attending the Pueblo City Schools (without charters) are District #70 residents. The data clearly show the trend. More Pueblo City students are attending District #70 schools while the number of District #70 students attending Pueblo City Schools is decreasing. Nonresident students who enroll in the Pueblo City Schools (without charters) accounted for 1.7 percent of Pueblo City School enrollment in 2015-16.

Online Programs (External). The Pueblo City Schools offer an online school for high school students; however, in the last several years, online schools/programs offered by other Colorado school districts have stepped up their efforts to enroll District #60 residents. As the numbers in the next table show, enrollment in these schools has grown nearly 500 percent since 2007-08. Some of the students enrolling in the external online schools/programs would have dropped out of the Pueblo City Schools (without charters) before graduation, but this number is unknown. (Charter Institute enrollment is also online students and many of the students in the “other” category are likely to be online students as well.)

Charter Schools. In Colorado, charter schools are relatively easy to establish. Some charter schools are included in District enrollment and some are not. Charter school enrollment decreased in

District #60 since 2007-08. In 2007-08, 1,926 students were enrolled in three charter schools. In 2017-18, 1,527 students were in charter schools. The Youth and Family Academy (YAFA; Grades 7-12) closed in the summer of 2017, but a new K-8 charter school opened in the fall of 2017. The Pueblo School for Arts and Sciences (PSAS) opened its Fulton Heights campus with K-5 students. Grades 6, 7 and 8 will be added over the next three years. As of 2015-16, charter schools account for 8.6 percent of District #60 residents.

As the education choice data show, “open enrollment” out increased from 668 students in 2007-08 to 2,422 in 2016-17. In 2007-08, 64 percent of these students went to District #70 and only 29 percent were online students. By 2016-17, 47 percent of the “open enrollment” out students were in external online schools/programs and 48 percent attended District #70 schools. “Open enrollment” out and charter school enrollment are reducing enrollment in the Pueblo City Schools (without charters).

PUBLIC OPTIONS									
Year	IN	OUT							
		Open Enrollment				Charter Schools in District			
		District #70	Online	Charter Institute	Other	Chavez/Huerta	PSAS	PSAS Fulton Heights	YAFA
2007-08	603	429	195	3	41	1,556	373	---	222
2008-09	311	511	222	218	26	1,611	391	---	206
2009-10	699	505	280	323	32	1,578	395	---	200
2010-11	486	636	269	441	21	1,227	425	---	167
2011-12	479	721	274	822	19	1,292	430	---	155
2012-13	401	856	284	588	17	1,204	446	---	160
2013-14	367	911	627	155	24	1,115	445	---	158
2014-15	300	966	598	146	18	1,004	450	---	152
2015-16	253	1,070	794	168	18	1,033	452	---	189
2016-17	186	1,161	1,140	104	17	1,000	451	---	118
2017-18	496*	n.a.	n.a.	n.a.	n.a.	926	453	148	0

In 2011-12, the Youth and Family Academy (YAFA) left District #60 oversight. Enrollment data beginning in 2012-13 are from the Colorado Department of Education website. YAFA closed in summer 2017

*Based on addresses of students; 110 charter school students are nonresidents in 2017-18. Of these students, 65 percent are K-5 students

Source: Colorado Department of Education

K-12 Market Share of District School Age Residents

Estimating market share requires an estimate of a school district’s school age population. The best estimate results from summing resident students in the district’s schools with district residents attending traditional nonpublic schools, residents being homeschooled and residents opting for open enrollment out, charter schools and other public options.

Building a history of District #60 resident students enrolled in other education options is impossible; therefore; market share can be estimated for the most recent years only. Data for total

enrolled population is complete for 2009-10 and 2015-16. During that time, the resident enrolled population increased from 17,832 students to 19,381 students or 8.7 percent. Based on the estimated 2015-16 enrolled resident population of 19,381, the Pueblo City Schools' (without charters) market share was 77.6 percent of the district's school age population. In 2009-10, Pueblo City Schools' market share was 78.4 percent. The recent increase in online enrollment was offset by the decline in charter school enrollment.

PUEBLO CITY SCHOOL DISTRICT #60 ESTIMATED RESIDENT SCHOOL AGE POPULATION					
Year	Pueblo City Schools Resident Enrollment*	Nonpublic Settings	Public Options	Other**	Total
2007-08	14,236	n.a.	2,819		n.a.
2008-09	14,525	n.a.	3,185		n.a.
2009-10	13,981	538	3,313		17,832
2010-11	14,526	n.a.	3,186		n.a.
2011-12	14,672	n.a.	3,713	25	n.a.
2012-13	14,618	n.a.	3,555	19	n.a.
2013-14	15,058	n.a.	3,435	22	n.a.
2014-15	15,215	n.a.	3,334	19	n.a.
2015-16	15,034	610	3,724	13	19,381
2016-17	14,803	n.a.	3,991	20	n.a.
2017-18	14,081	n.a.	n.a.	24	n.a.

*Without charters

**PYSC Detention Center

History of Enrollment by Grade (Without Charters)

The history of enrollment contains several patterns with implications for future enrollment. First, the kindergarten class, while fluctuating in size, is smaller than it was ten years ago. In 2013-14 the age of eligibility for kindergarten changed, which resulted in a larger than "typical" kindergarten class that year. Since 2014-15, kindergarten class size has decreased -13.0 percent. The 2017-18 kindergarten class is the smallest in ten years. Most of the decrease between 2016-17 and 2017-18 is the result of the new charter school. Barring additional charter schools, kindergarten is likely to hover around today's level.

The number of students per grade varies in the Pueblo City Schools. A way of expressing the differences by grade is to look at the "average" number of students per grade. For example, the average elementary grade (K-5) has 1,231 students. The average middle school grade (6-8) has 979 students and the average high school grade is 1,037 students. Usually, this distribution of averages would point to enrollment increases in the next several years; however, there is net out migration between Grade 5 and Grade 6 which is greater than the net in migration between Grade 8 and Grade 9, when some of the students who left return to the Pueblo Public Schools. Therefore, there is no "built in" growth momentum from the larger elementary grades.

Pueblo City School's (without charters) largest graduating high school class since the Baby Boom graduated in 2012. Based on current enrollment, graduating classes will be getting smaller.

PUEBLO CITY SCHOOLS ENROLLMENT WITHOUT CHARTERS											
Grade	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	1,226	1,255	1,199	1,340	1,279	1,308	1,634	1,359	1,275	1,219	1,182
1	1,259	1,223	1,279	1,244	1,323	1,275	1,293	1,600	1,314	1,277	1,195
2	1,235	1,267	1,243	1,269	1,186	1,251	1,256	1,288	1,512	1,251	1,192
3	1,216	1,212	1,264	1,258	1,249	1,169	1,216	1,228	1,255	1,491	1,189
4	1,125	1,183	1,218	1,261	1,227	1,187	1,155	1,197	1,212	1,233	1,423
5	1,127	1,131	1,210	1,239	1,231	1,211	1,175	1,143	1,198	1,186	1,203
6	1,071	1,027	996	1,095	1,094	1,124	1,131	1,052	1,025	1,059	1,032
7	1,024	1,045	989	988	1,061	1,041	1,090	1,077	987	958	987
8	1,073	1,038	1,018	1,004	971	1,051	1,016	1,061	1,025	956	918
9	1,551	1,555	1,449	1,183	1,128	1,120	1,184	1,196	1,198	1,180	1,089
10	1,133	1,133	1,118	1,074	1,100	1,099	1,103	1,156	1,139	1,110	1,063
11	1,026	985	932	1,009	1,023	1,042	1,002	1,039	1,077	1,025	1,001
12	773	782	765	1,048	1,279	1,141	1,170	1,119	1,070	1,044	993
Total	14,839	14,836	14,680	15,012	15,151	15,019	15,425	15,515	15,287	14,989	14,467

Source: Pueblo City Schools, Fall Enrollment. Excludes Early Childhood

The exceptionally large kindergarten in 2013-14 results from changing kindergarten eligibility

Enrollment Projections

Projection Background

Some factors affecting future school enrollment are known. However, other crucial factors are less clear. The difficulty in quantifying the effect of these factors is a challenge. First, the trends around which there is confidence.

Trends Where Confidence is High

- **Aging.** The population in the U.S. and Colorado is aging. By 2020, 15 percent of Colorado's population will be 65 years old or older. In 2010, the elderly made up 10.9 percent of the state's population. By 2030, projections show Colorado's elderly will account for nearly 18 percent of its population. There is no historical precedent for this high proportion of older population; therefore, society is entering uncharted waters as to the effects of this change. However, we know that aging will affect the housing market and reduce geographic mobility because older people move less frequently than younger people. Further, the percentage of households with school age children will decline.
- **Fertility.** Today, completed fertility is below the replacement level and there is little reason to think that will change. Completed fertility refers to the number of children born per woman throughout her childbearing years. (Replacement is 2.11 children per female at the end of

childbearing.) Fertility rates are related to race/ethnicity and to age. Colorado's peak age group for fertility is now the 30-34-year-old age group. Between 2007 and 2013, Colorado had the largest decline of all states in teen birth rates, which contributed to the decline in overall fertility. In Colorado, over 70 percent of all births to Hispanic, Black and American Indian females were to women under age 30, while most of the births to White, non-Hispanic and Asian females were to women over age 30. Hispanic females experienced the largest decline in total fertility in Colorado.

Unknowns

The unknowns reflect changes in the housing market, the economy and in international immigration.

- Recovery in the housing market. In the U.S., residential construction has returned to pre-recession levels and home prices have recovered. Multi-family unit construction has been robust, although this type of housing does not yield many school age children per unit. However, the recovery of the housing market results in more mobility and this influences enrollment.
- The economy. Although the most recent recession has been over for some time, annual economic growth has been slow. Further, economic expansion in the U.S. is weak and another recession is likely sometime in the next ten years, i.e. in the projection period.
- Immigration. Both the economy and public policy are affecting international immigration. Future students from these streams are impossible to predict.
- Delay/postponement of childbearing. The Millennials are delaying marriage, childbearing and home ownership. What the long-term effects of these delays mean is unknown. Will there be a small baby boomlet in the future or will a higher percentage of this generation remain childless? The outcome of this delay will influence future school enrollment.
- Competition. The establishment of more charter schools is hard to predict. Naturally, if more charter schools are opened in the District, enrollment in the Pueblo City Schools (without charters) will decline. Online schools/programs have attracted many district students in the past couple of years, although research in Colorado shows that online students lag their "brick and mortar" counterparts in every academic measure. Graduations rates also tend to be low.

Cohort Survival Method

The most common and most robust model for projecting school enrollment is the cohort survival method. The first step in the cohort survival method is aging the population. In a standard cohort survival model, aging the population involves estimating the number of deaths expected in an age group before it reaches the next older age group. When the cohort survival method is used to project school enrollment, the first step is to move a grade to the next higher grade. Because mortality is so low in the school age population, the entire grade is assumed to "survive" to the next higher grade in the following year.

After aging the current enrollment, two key assumptions must be made. These assumptions concern the size of future kindergarten classes and the number of students who will move in or out of the district's schools. Some of these students may physically move in or out of the district. Other students may transfer between the Pueblo City Schools (without charters) and other education options available to them. Both these phenomena effect the "survival rates."

Once a grade or cohort has been "aged" to the next higher grade, net migration is added to or subtracted from that grade. Using survival rates accomplishes both "aging" and migration in a single step. Over time, the size of a cohort will increase or decrease because of migration as its progresses through the grades. For example, the 2007-08 kindergarten class had 1,226 members. This same cohort had 1,063 members in Grade 10 in 2017-18.

The future size of kindergarten classes is especially important in long-term enrollment projections because these students will be in school over the life of the projections. If a school census exists, it is a resource for short-term kindergarten projections, i.e., a couple of years. However, school censuses are notoriously inaccurate for children less than four years of age, in part, because the preschool population is more mobile than the school age population.

To project kindergarten, the best theoretical approach, but the least practical, is to project births based on the age of the female population. These birth projections then must be survived to age five and then adjusted for migration to yield kindergarten projections. Determining the age of females in a school district is the first challenge, and then many assumptions must be made, making this approach impractical.

A simpler approach is to use resident births as a proxy for kindergarten five years later. Of course, not every child born in the district will enter the district's kindergarten classes five to six years later. However, some "district born" children who move out before enrolling in kindergarten will be replaced by children born elsewhere who move in before entering kindergarten. If the number of "ins" and "outs" are equal, the net effect is zero and the kindergarten class would be 100 percent of resident births. However, no public-school system captures all the potential students. Some kindergarten students attend private schools or are homeschooled. Others may attend a charter school or open enroll at another district. Therefore, a public school's kindergarten to birth ratio is expected to be less than 100 percent. If the ratio is 100 percent or higher, more preschool children are moving into the district or open enrolling into the district (in migration) than leaving (out migration).

If births are used as a kindergarten proxy, kindergarten projections are available for only a few years into the future. To extend kindergarten projections another five years, Pueblo City's kindergarten (without charters) will be projected based on the Colorado State Demography Office's projections of Pueblo County resident births.

Kindergarten Assumptions

After 1990, births fell in the U.S. and in Colorado; however, from 2003 through 2007, births increased. In 2007, births were higher than at any time since 1964 in the U.S. In 2008, 2009, 2010 and 2011, births fell in the U.S. and Colorado. These declines are attributed to the poor economy. Beginning in 2012, Colorado resident births began to increase but they have not returned to the 2007 level.

As the history of resident births shows, from 2001 to 2016, resident births in Colorado decreased by 395 or -0.6 percent while resident births in Pueblo County decreased -6.0 percent. District resident births decreased -7.1 percent. In the 16-year period, 2007 marked the largest number of District births (1,567) and 2015 marked the lowest number of district births (1,334).

About one-quarter (25.2 percent) of births occur between October 1 and December 31 every year. Therefore, about three-quarters of those eligible for kindergarten were born 5 years earlier and one-quarter were born 6 years earlier. Adjusting resident births to fit the school year will be referred to as the kindergarten pool.

RESIDENT LIVE BIRTHS				
Calendar Year	Colorado	Pueblo County	Pueblo City	District #60
2001	67,006	2,007	1,658	1,494
2002	68,420	2,056	1,678	1,576
2003	69,304	1,998	1,587	1,460
2004	68,475	1,966	1,579	1,461
2005	68,922	1,936	1,567	1,414
2006	70,737	2,132	1,699	1,524
2007	70,804	2,154	1,737	1,567
2008	70,028	2,121	1,732	1,549
2009	68,602	2,056	1,689	1,539
2010	66,346	1,937	1,589	1,428
2011	65,052	1,845	1,488	1,353
2012	65,188	1,929	1,544	1,405
2013	65,004	1,859	1,499	1,369
2014	65,815	1,941	1,561	1,412
2015	66,566	1,793	1,454	1,334
2016	66,611	1,886	1,538	1,388

Source: Colorado Department of Health

The next table shows the District's kindergarten pool along with the percentage the Pueblo City Schools' kindergarten (without charters) was of that pool. Like many other percentages, the ratio of kindergarten students to the pool fluctuates. Typically, a more stable trend appears when rates are averaged. (Calculating an average of the kindergarten to birth ratio for two or more years smooth out annual fluctuations and produces a more "typical" ratio for that period.) However, two events need to be noted. In 2013-14, the age of eligibility for kindergarten changed and this produced more kindergarten students that year, which resulted in a higher ratio. Therefore, it is prudent to ignore the 2013-14 ratio. In 2017-18, a new charter school opened with 25 kindergarten students. The 2017-18 ratio should be considered when looking forward; however, the 2017-18 ratio of 84.91 percent is not very different from the 2011-12 ratio (85.49 percent) and the 2012-13 ratio (84.06 percent), years without any known extraordinary event.

The average of the past four years' ratios is 87.38 percent, while the average of the past two years is 86.88 percent. If the 25 kindergarten students attending the new charter school had not been lost, the 2017-18 ratio would have been 86.71 percent, which is lower than any of the previous three

years or the average of the previous three years. These calculations suggest that while the ratio fluctuates from year to year, it is trending down. Therefore, the most reasonable options are the ratio of the past year (84.91 percent) and a slightly higher ratio. The ratio of the past two years (86.88 percent) is a reasonable higher ratio. The lower ratio will be used as the low kindergarten assumption and the higher ratio will be used as the high kindergarten assumption.

PUEBLO CITY'S KINDERGARTEN WITHOUT CHARTERS AS A PERCENTAGE OF THE DISTRICT'S KINDERGARTEN POOL			
Birth Years	Kindergarten Pool	Percentage	Kindergarten Year
2001; 2002	1,555	78.84%	2007-08
2002; 2003	1,489	84.28%	2008-09
2003; 2004	1,461	82.07%	2009-10
2004; 2005	1,426	93.97%	2010-11
2005; 2006	1,496	85.49%	2011-12
2006; 2007	1,556	84.06%	2012-13
2007; 2008	1,554	105.15%	2013-14
2008; 2009	1,541	88.19%	2014-15
2009; 2010	1,456	87.57%	2015-16
2010; 2011	1,372	88.85%	2016-17
2011; 2012	1,392	84.91%	2017-18
2012; 2013	1,378		2018-19
2013; 2014	1,401		2019-20
2014; 2015	1,354		2020-21
2015; 2016	1,374		2021-22

In 2013-14, the age for entering kindergarten changed. The 2017-18 ratio reflects a new charter school

Kindergarten projections for 2022-23 and beyond will be based on projected Pueblo County births (revised on November 1, 2017). The Pueblo County births projections are shown in the next table.

PROJECTED PUEBLO COUNTY RESIDENT BIRTHS	
Year	Number
2016 Actual	1,866
2017	1,876
2018	1,879
2019	1,880
2020	1,886
2021	1,897
2022	1,910
2023	1,927
2024	1,961
2025	2,000

Source: Colorado State Demography Office

District #60 births have averaged 73.44 percent of Pueblo County resident births for the past five years. The 16-year average is 73.62 percent. With 25.2 percent of births occurring in the last quarter of the year, the District's kindergarten pool shows the projected number of students eligible for kindergarten every year.

DISTRICT KINDERGARTEN POOL	
2018-19	1,378
2019-20	1,401
2020-21	1,354
2021-22	1,374
2022-23	1,381
2023-24	1,379
2024-25	1,381
2025-26	1,384
2026-27	1,391
2027-28	1,400

Pool based on actual births bolded

KINDERGARTEN PROJECTIONS WITHOUT CHARTERS		
	@84.91%	@86.88%
2017-18	1,182	1,182
2018-19	1,170	1,197
2019-20	1,190	1,217
2020-21	1,150	1,176
2021-22	1,167	1,194
2022-23	1,173	1,200
2023-24	1,171	1,198
2024-25	1,173	1,200
2025-26	1,175	1,202
2026-27	1,181	1,209
2027-28	1,189	1,216
Total	11,737	12,009

When the kindergarten to birth ratio is applied to the kindergarten pool, kindergarten projections result. The low kindergarten projection results in 11,737 kindergarten students over ten years while the high projection produces 12,009 kindergarten students over ten years. This compares with 13,050 kindergarten students over the past ten years.

Through 2021-22, the kindergarten projections are based on actual births. The low projections hover around the 2017-18 kindergarten class size while the high projections are slightly larger than the current year's kindergarten class.

Net Migration Assumptions

The method for calculating migration was explained earlier in this report. However, the limitations of the methodology are worth repeating. The method of calculating migration does not distinguish between physical movement across a district's boundaries and education choices, such as transferring from a nonpublic school to a public school, transferring to a charter school or open enrolling in another district's public schools. Further, students who move into or out of a school district but never enroll in the district's public schools are not reflected in the migration numbers in this report.

The next two tables show net migration in raw numbers. As these numbers show, in the past ten years, annual net migration fluctuated from year to year but net out migration occurred every year and was present at nearly every grade transition. Net out migration increased in the past three years as external online schools captured more students. In addition, a new charter school (K-5) opened this fall.

The next table shows net migration for every grade transition. In the Pueblo City Schools, net migration between Kindergarten and Grade 1 was negative seven of the ten years since 2007-08. Virtually every grade transition in Pueblo City Schools' elementary grades shows net out migration every year. The past year saw larger net out migration numbers at every elementary grade, especially in the transitions from Grade 2 to Grade 3 and from Grade 3 to Grade 4.

The Pueblo City Schools experience a large net out migration at the transition from elementary school to middle school, that is, from Grade 5 to Grade 6. A special analysis shows that between 2013-14 and 2016-17, 103 to 129 students transferred every year to schools in Pueblo County District #70 at the transition from elementary to middle school.

Like many other public schools, there is a net inflow at Grade 9, the beginning of high school. This is a time when nonpublic students and/or charter school students often transfer into the public high schools. Based on the small number of 8th graders in the nonpublic schools and among the home schooled, the net inflow at Grade 9 reflects some resident students who left at Grade 6 but are returning at Grade 9.

NET MIGRATION WITHOUT CHARTERS										
OCTOBER TO OCTOBER										
	07 to 08	08 to 09	09 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	-3	24	45	-17	-4	-15	-34	-45	2	-24
1 to 2	8	20	-10	-58	-72	-19	-5	-88	-63	-85
2 to 3	-23	-3	15	-20	-17	-35	-28	-33	-21	-62
3 to 4	-33	6	-3	-31	-62	-14	-19	-16	-22	-68
4 to 5	6	27	21	-30	-16	-12	-12	1	-26	-30
5 to 6	-100	-135	-115	-145	-107	-80	-123	-118	-139	-154
6 to 7	-26	-38	-8	-34	-53	-34	-54	-65	-67	-72
7 to 8	14	-27	15	-17	-10	-25	-29	-52	-31	-40
8 to 9	482	411	165	124	149	133	180	137	155	133
9 to 10	-418	-437	-375	-83	-29	-17	-28	-57	-88	-117
10 to 11	-148	-201	-109	-51	-58	-97	-64	-79	-114	-109
11 to 12	-244	-220	116	270	118	128	117	31	-33	-32
Total	-485	-573	-243	-92	-161	-87	-99	-384	-447	-660
Percent	-3.3	-3.9	-1.7	-0.6	-1.1	-0.6	-0.6	-2.5	-2.9	-4

The next table summarizes net migration by aggregating net migration by the elementary grades (Kindergarten-Grade 5), the middle school grades (6-8) and the high school grades (9-12). Elementary net out migration occurred every year since 2010-11 but was larger this past year. For the middle school grades, net out migration has been substantial every year. The high school grades reflect a change in policy beginning in 2010-11. Since then, net migration has been positive except for the past two years when enrollment in online schools resulted in a loss of students, which is reflected as net out migration.

NET MIGRATION WITHOUT CHARTERS OCTOBER TO OCTOBER										
	07 to 08	08 to 09	09 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	-45	74	68	-156	-171	-95	-98	-181	-130	-269
6-8	-112	-200	-108	-196	-170	-139	-206	-235	-237	-266
9-12	-328	-447	-203	260	180	147	205	32	-80	-125
Total	-485	-573	-243	-92	-161	-87	-99	-384	-447	-660

Net migration numbers when compared to the number of students in the grade result in the percent of students retained, that is, survival rates. Survival rates are an effective way to analyze the number of students retained or added each year by each grade. For example, 1.000 indicates no change or 100 percent of the grade progressed to the next highest grade. Any number over 1.000 reflects the percentage increase while a number below 1.000 reflects the percentage decrease. For example, 0.98 indicates a -2 percent decrease.

SURVIVAL RATES WITHOUT CHARTERS OCTOBER TO OCTOBER										
	07 to 08	08 to 09	09 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	0.998	1.019	1.038	0.987	0.997	0.989	0.979	0.967	1.002	0.980
1 to 2	1.006	1.016	0.992	0.953	0.946	0.985	0.996	0.945	0.952	0.933
2 to 3	0.981	0.998	1.012	0.984	0.986	0.972	0.978	0.974	0.986	0.950
3 to 4	0.973	1.005	0.998	0.975	0.950	0.988	0.984	0.987	0.982	0.954
4 to 5	1.005	1.023	1.017	0.976	0.987	0.990	0.990	1.001	0.979	0.976
5 to 6	0.911	0.881	0.905	0.883	0.913	0.934	0.895	0.897	0.884	0.870
6 to 7	0.976	0.963	0.992	0.969	0.952	0.970	0.952	0.938	0.935	0.932
7 to 8	1.014	0.974	1.015	0.983	0.991	0.976	0.973	0.952	0.969	0.958
8 to 9	1.449	1.396	1.162	1.124	1.153	1.127	1.177	1.129	1.151	1.139
9 to 10	0.730	0.719	0.741	0.930	0.974	0.985	0.976	0.952	0.927	0.901
10 to 11	0.869	0.823	0.903	0.953	0.947	0.912	0.942	0.932	0.900	0.902
11 to 12	0.762	0.777	1.124	1.268	1.115	1.123	1.117	1.030	0.969	0.969

For the Pueblo City Schools (without charters), the survival rates, with only a couple exceptions, are below 1.000 for all grades except for the transition from Grade 8 to Grade 9.

Like many other enrollment measures, survival rates fluctuate from year to year. Calculating an average of two or more years is a way to smooth out these annual fluctuations. The past three years show lower survival rates; therefore, survival rates were averaged for several different time periods (the past three years, the past two years and the past two years with the past year double weighted). All these averages were adjusted after Grade 9 to reflect the loss of students to online programs, which is likely to continue. In ten years, the average of the past three years' rates and the average of the past two years' rates result in a mere 58 student difference. The average of the past two years' rates with the past year double weighted results in a lower projection.

COMPARISON OF SURVIVAL RATES WITHOUT CHARTERS AVERAGED			
Grade	Past 3 years	Past 2 years	Past 2 years, past year double weighted
K to 1	0.983	0.991	0.987
1 to 2	0.943	0.943	0.939
2 to 3	0.970	0.968	0.962
3 to 4	0.974	0.968	0.963
4 to 5	0.985	0.978	0.977
5 to 6	0.884	0.877	0.875
6 to 7	0.935	0.934	0.933
7 to 8	0.960	0.964	0.962
8 to 9	1.140	1.145	1.143
9 to 10	0.901	0.901	0.901
10 to 11	0.902	0.902	0.902
11 to 12	0.969	0.969	0.969

COMPARISON OF SURVIVAL RATES ON A KINDERGARTEN CLASS OF 1,000			
Grade	Past 3 years	Past 2 years	Past 2 years, past year double weighted
K	1,000	1,000	1,000
1	983	991	987
2	927	935	927
3	899	905	892
4	876	876	859
5	863	857	839
6	763	752	734
7	713	702	685
8	684	677	659
9	780	775	753
10	703	698	678
11	634	630	612
12	614	610	593

The best way to understand the differences among these survival rates is to calculate the effect of each of the survival rates on a kindergarten population of 1,000 students as it progresses through the grades. As the next table shows, the averages of the past three years and the past two years result in a similar number of students by Grade 9 (the beginning of high school) and by Grade 12. However, the average of the past two years results in fewer students by Grade 6, the beginning of middle school, that is, the elementary grades decline more. Both these survival rate schedules show a 24-25 percent decrease in the kindergarten cohort by Grade 6 and nearly a 40 percent decrease by Grade 12. The survival rates of the past two years with the past year double weighted show a 27 percent decrease by Grade 6, a 25 percent decrease by Grade 9 and more than a 40 percent decrease by Grade 12. The average of the past two years with the past year double weighted, has its greatest effect on the elementary and middle school grades. By Grade 12, the difference among the three sets of rates is slightly smaller.

SIMMARY COMPARSIONS OF SURVIVAL RATES ON A KINDERGARTEN CLASS OF 1,000						
Survival Rates	By Grade 6		By Grade 9		By Grade 12	
	#	%	#	%	#	%
Past 3 years	763	76.3%	780	78.0%	614	61.4%
Past 2 years	752	75.2%	775	77.5%	610	61.0%
Past 2 years weighted	734	73.4%	753	75.3%	593	59.3%

Based on the analysis of these three sets of survival rates, a meaningful range of outcomes will come from projections that use the average of the past three years and the past two years with the past year double weighted. The past two years weighted will be called the low migration assumption because it has lower survival rates. The average of the past three years will be called the high migration assumption because its survival rates are higher.

PROJECTED SURVIVAL RATES WITHOUT CHARTERS		
Grade	Low (Past 2 years, past year double weighted)	High (Past 3 Years)
K to 1	0.987	0.983
1 to 2	0.939	0.943
2 to 3	0.962	0.970
3 to 4	0.963	0.974
4 to 5	0.977	0.985
5 to 6	0.875	0.884
6 to 7	0.933	0.935
7 to 8	0.962	0.960
8 to 9	1.143	1.140
9 to 10	0.901	0.901
10 to 11	0.902	0.902
11 to 12	0.969	0.969

Projection Results

The kindergarten and net migration assumptions are trend lines, which remove annual fluctuations. However, the future, like the past, will be characterized by annual fluctuation, sometimes large. Because there is no reasonable way to forecast when fluctuations around trend lines will occur, it is arbitrary to project them. Furthermore, long-term projections are designed to approximate a future point in time not to yield the best projection for each intervening year between the present and the projection end date. For this reason, long-term projections should not be used for annual budgeting purposes. The district should continue to use its version of the cohort survival methodology for annual enrollment projections.

ENROLLMENT PROJECTIONS WITHOUT CHARTERS				
Year	Low K Low Mig	High K Low Mig	Low K High Mig	High K High Mig
2017-18	14,467	14,467	14,467	14,467
2018-19	14,065	14,092	14,107	14,134
2019-20	13,712	13,766	13,793	13,846
2020-21	13,387	13,464	13,500	13,577
2021-22	13,170	13,272	13,314	13,416
2022-23	13,032	13,157	13,207	13,332
2023-24	12,823	12,970	13,030	13,179
2024-25	12,646	12,813	12,882	13,052
2025-26	12,467	12,653	12,723	12,912
2026-27	12,177	12,382	12,442	12,650
2027-28	12,093	12,319	12,361	12,590

Excludes Early Childhood

Four cohort projections are shown in the preceding table. In ten years, there is a 497-student difference between the lowest projection and the highest projection. The migration assumptions account for a 268 to 271 student difference in ten years. The kindergarten assumptions account for a 226 to 229 student difference in the ten years. In these projections, the migration assumptions produce larger differences among the projections than the kindergarten assumptions.

The lowest projection is based on the low kindergarten and low migration assumptions. In this projection, enrollment decreases by 2,374 students or -16.4 percent by 2027-28. In five years, enrollment decreases by 1,435 students or -9.9 percent. As these numbers indicate, enrollment decreases faster in the first five projection years.

The highest projection, based on the high kindergarten and high migration assumptions, shows enrollment decreasing by 1,877 students or -13.0 percent between 2017-18 and 2027-28. In five years, enrollment decreases by 1,135 students. In this projection, enrollment also decreases faster in the first five projection years.

In between the highest and lowest projections are two other projections. In 2027-28, these two projections differ by 42 students. As a group, the four projections reflect a range of possibilities with all

four projections showing enrollment decreasing in ten years but decreasing faster in the first five projection years.

The projections from 2017-18 to 2027-28 reflect the following changes in the components of enrollment change. The Pueblo City Schools will continue to show natural increase, that is, the incoming kindergarten class will be larger than the previous year's Grade 12. Net out migration continues throughout the projection period. From 2007-08 to 2017-18, the Pueblo City Schools experienced natural decrease of 2,746 or an average of 275 per year. The projections show net out migration averaging from 492 to 526 per year, which falls in the range of the past two years when net out migration was 447 and 660. Thus, the projections are not as severe as the past year, but projected net out migration is greater than in the two previous years.

COMPONENTS OF PROJECTED ENROLLMENT CHANGE WITHOUT CHARTERS				
Oct. to Oct. 2017 to 2027	Total		Natural Increase/ Decrease	Net Migration
	#	%		
Low K/Low Mig	-2,374	-16.4%	2,850	-5,224
High K/Low Mig	-2,148	-14.8%	3,120	-5,268
Low K/High Mig	-2,106	-14.6%	2,814	-4,920
High K/High Mig	-1,877	-13.0%	3,084	-4,961

Looking at the projections based on the elementary, middle school and high school grades is instructive. In the first five projection years, K-5 enrollment decreases by 758 to 936 students. Most of this difference results from the kindergarten assumptions. By 2027-28, the lowest projection shows 905 fewer students than today while the highest projection shows 702 fewer students. For the first five projection years, the kindergarten students have already been born.

ENROLLMENT PROJECTIONS WITHOUT CHARTERS				
	K-5	6-8	9-12	Total
2017-18	7,384	2,937	4,146	14,467
2022-23				
Low K/Low Mig	6,448	2,648	3,936	13,032
High K/Low Mig	6,573	2,648	3,936	13,157
Low K/High Mig	6,500	2,749	3,957	13,207
High K/High Mig	6,626	2,749	3,957	13,332
2027-28				
Low K/Low Mig	6,479	2,428	3,187	12,093
High K/Low Mig	6,628	2,483	3,207	12,319
Low K/High Mig	6,531	2,524	3,305	12,361
High K/High Mig	6,682	2,582	3,326	12,590

Excludes Early Childhood

In the first five projection years, middle school enrollment is 188 to 289 students lower than today. In the second five projection years, middle school enrollment continues to decrease by about another 200 students. In the second five projection years, the kindergarten assumptions effect the middle school projections but in the first five years only the current grade size and the migration assumptions are affecting the size of the middle school grades.

High school enrollment is projected to decrease 189 students to 210 students in the first five projection years. In the second five projection years, high school continues to decrease in size by 600 to 750 students. The kindergarten assumptions have only a small effect on the high school projections.

In 2027-28, the 2017-18 kindergarten class will be in Grade 10, which means that all the grades below Grade 10 are products of the projection assumptions.

The cohort survival projections show significant enrollment decline. The kindergarten assumptions appear reasonable. The migration assumptions will be affected if there is more competition from charter schools and online schools or if more students opt to attend schools in District #70.

CHAPTER 2

ENROLLMENT PROJECTIONS BY QUADRANT

The Pueblo City Schools shows its facilities within one of four quadrants (North, Central, East and South). I-25 and the Arkansas River form natural boundaries between three of the quadrants. Prairie Avenue is the boundary between the Central Quadrant and the South Quadrant.

Each quadrant has a high school; however, one quadrant has no middle school while two quadrants have two middle schools each. Because attendance boundaries are not always aligned, only two of the middle schools feed a single high school.

Two quadrants contain charter schools. The Chavez/Huerta K-12 Preparatory Academy is in the North Quadrant and the Pueblo School for Arts and Science has one campus in the Central Quadrant and its second campus is east of I-25, but in the Central Quadrant.

The District's magnet schools are also in different quadrants. The Fountain International Magnet School (K-3) is in the East Quadrant, while Corwin International Magnet School (4-8) is in the Central Quadrant. Goodnight School (6-8), which is choice also, is in the South Quadrant.

For the purposes of this analysis and projections, enrollment (without charters) was analyzed and projected. The Fountain International Magnet School was placed in the East Quadrant, Corwin International Magnet School was placed in the Central Quadrant and Goodnight was placed in the South Quadrant.

Schools by quadrant are as follows:

North Quadrant

- Centennial High School
- Heroes Academy (K-8)
- Irving Elementary School
- Morton Elementary School

Central Quadrant

- Central High School
- Bessemer Academy
- Carlile Elementary School
- Columbian Elementary School
- Heritage Elementary School
- Minnequa Elementary School
- Corwin International Magnet School (4-8)

East Quadrant

- East High School
- Heaton Middle School
- Risley International Academy of Innovation (middle school)
- Baca Elementary School
- Belmont Elementary School
- Bradford Elementary School
- Franklin Elementary School
- Haaff Elementary School
- Park View Elementary School
- Fountain International Magnet School (K-3)

South Quadrant

- South High School
- Pueblo Academy of Arts (middle school)
- Roncalli STEM Academy (middle school)
- Beulah Heights Elementary School
- Goodnight (K-8) Elementary School
- Highland Park Elementary School
- South Park Elementary School
- Sunset Park Elementary School

Enrollment (without charters) varies by quadrant. Even when the charters are added, two of the quadrants are significantly larger than the other two. A history of enrollment is shown in the following table.

While enrollment is by school attended not by quadrant of residence, enrollment in some quadrants is decreasing faster than in other quadrants. Enrollment with charters decreased by 552 students or -3.7 percent from 2012-13 to 2017-18, however, in the Central Quadrant, enrollment without charters decreased by 531 students or -15.9 percent. With charters, Central Quadrant enrollment decreased -9.9 percent. The North Quadrant without charters decreased by 83 students or -3.3 percent but with charters the decrease was 361 students of -9.6 percent. Enrollment in the East and South Quadrants increased by 10 and 52 students respectively.

ENROLLMENT BY QUADRANT						
Quadrant	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
North	2,541	2,679	2,705	2,674	2,540	2,458
Central	3,350	3,310	3,299	3,125	3,011	2,819
East	4,693	4,837	5,009	4,913	4,906	4,703
South	4,435	4,599	4,502	4,575	4,532	4,487
Total without Charters	15,019	15,425	15,515	15,287	14,989	14,467
North with Charters	3,745	3,794	3,709	3,707	3,540	3,384
Central with Charters	3,796	3,755	3,749	3,577	3,462	3,420

Quadrant analysis provides some insight into net migration, especially the net out migration from Grade 5 to Grade 6 and the net in migration from Grade 8 to Grade 9. The next table shows these data.

QUADRANT NET MIGRATION WITHOUT CHARTERS					
OCTOBER TO OCTOBER					
Quadrant	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
North	196	116	111	23	38
Central	-169	-39	-254	-150	-257
East	-191	-96	-302	-234	-377
South	77	-80	61	-86	-64
Total Without Charters	-87	-99	-384	-447	-660
Grade 5 to Grade 6					
North	-15	-30	-20	-42	-43
Central	-29	-23	-86	-205	-197
East	-9	-18	3	14	-5
South	-27	-52	-15	94	91
Total Without Charters	-80	-123	-118	-139	-154
Grade 8 to Grade 9					
North	205	221	236	183	219
Central	21	30	13	117	65
East	-68	-47	-81	-34	-59
South	-25	-24	-31	-111	-92
Total Without Charters	133	180	137	155	133

Some of what appears in the quadrant net migration is expected. For example, there is no middle school in the Central Quadrant, therefore, the net out migration between Grade 5 and Grade 6 is larger than in the other Quadrants. Fountain and Corwin distort the total net out migration in the Central and East Quadrants. Because Fountain is a K-3 school, the transition between Grade 3 and Grade 4 is negative just as the transition between Grade 3 and Grade 4 is positive in the Central Quadrant because Corwin is 4-8 school.

Net migration from Grade 5 to 6 is difficult to discern because students from the Central Quadrant may be attending middle schools in the other quadrants. However, some students from the North Quadrant maybe leaving the District.

In the transition from Grade 8 to Grade 9, many students flow into Centennial High School in the North Quadrant. Some may be nonresidents, but others may be district residents choosing Centennial. East High School in the East Quadrant experiences net out migration. This observation is supported by high school data in Chapter 4 of this report.

Projection Results

Quadrant projections will be based on the sum of the schools in each quadrant. The following table shows these projections.

ENROLLMENT PROJECTIONS WITHOUT CHARTERS BY QUADRANT						
Quadrant	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
North	2,458	2,432	2,375	2,324	2,302	2,319
Central	2,819	2,759	2,709	2,621	2,606	2,643
East	4,703	4,543	4,443	4,338	4,244	4,089
South	4,487	4,430	4,363	4,348	4,326	4,241
Sum without Charters	14,467	14,164	13,890	13,631	13,478	13,292
Total without Charters	14,467	14,143	13,846	13,577	13,416	13,332
Difference	0	21	44	54	62	-40

In 2022-23, the sum of the individual school projections is lower than the high kindergarten/high migration projection; however, in the earlier projection years the sums were slightly higher.

Between 2017-18 and 2022-23, the total without charters decreases by 1,135 students or -7.8 percent. During this same period the East Quadrant enrollment decreases by 614 students or -13.1 percent. Enrollment decreases in the North, Central and South Quadrants are more modest, and the percentage decreases are more modest as well, -5.7 percent, -6.2 percent and -5.5 percent respectively.

CHAPTER 3

ENROLLMENT PROJECTIONS FOR ELEMENTARY SCHOOLS

Projecting K-5 enrollment by school is fraught with potential errors because the enrollment at any one school is small, which magnifies annual fluctuations. For this reason, along with the brief time that existing students are part of the K-5 student body, projections will be made for five years rather than ten years. This chapter focuses on the 21 Pueblo City elementary schools that enroll K-5 students. However, only 17 of these schools are K-5 only in 2017-18.

Past Trends

ENROLLMENT WITHOUT CHARTERS GRADES K-5						
School	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Baca	277	290	298	301	315	294
Belmont	435	467	495	483	485	498
Bessemer Academy	328	318	313	320	252	217
Beulah Heights	317	335	345	365	358	344
Bradford	338	345	366	348	334	340
Carlile	272	268	266	263	255	234
Columbian	322	345	345	314	332	296
Fountain International	395	396	394	400	400	392
Franklin	425	429	419	359	372	362
Haaff	289	294	304	319	310	308
Heritage	329	359	350	349	354	351
Highland Park	490	514	509	530	509	525
Irving	252	265	261	280	291	291
Minnequa	313	325	328	356	354	329
Morton	408	467	482	510	471	440
Park View	458	479	489	443	465	430
South Park	275	300	277	289	296	285
Sunset Park	427	465	461	455	451	441
Goodnight	540	532	527	574	552	550
Heroes Academy	290	311	335	283	279	261
Corwin International**	221	225	228	225	222	196
Total	7,401	7,729	7,815*	7,766	7,657	7,384

*in 2014-15, Pueblo Academy of Arts had 23 Grade 5 students who are reflected in the total

**Corwin has Grades 4 and 5 students

Enrollment by year reflects boundaries in effect that year

The Pueblo City Schools have changed grade configurations in its elementary schools since 2012-13. In 2012-13, only 11 of the current 17 K-5 schools were K-5 schools. The other six elementary

schools were K-6 schools. In addition to K-5 schools, there are two K-8 schools (Goodnight and Heroes Academy) and Fountain International Magnet School is a K-3 school while Corwin International Magnet School is a 4-8 school. Fountain and Corwin International and Goodnight (6-8) are choice schools.

Since, 2012-13, K-5 enrollment decreased by 17 students or -0.2 percent. During this time, eight of the 21 schools experienced enrollment decreases with Bessemer Academy, Franklin, Carlile, Heroes Academy and Corwin International showing the largest percentage losses. Thirteen schools gained enrollment with the largest percentage growth at Irving and Belmont.

In the past year, however, there was a 273-student decline in K-5 students or -3.6 percent. Seventeen (17) of the 21 schools experienced a decrease in enrollment with the largest losers being Bessemer Academy, Columbian and Corwin International. Three schools had increases in enrollment. They were Belmont, Bradford and Highland Park. Enrollment at Irving did not change.

The following table shows a five-year history of kindergarten enrollment. Since 2012-13, kindergarten decreased by 126 students or -9.6 percent. Despite this enrollment decrease, seven schools saw kindergarten increase and one school had no change. In the past year, kindergarten decreased by 37 students or -3.0 percent. However, nine schools had an increase in kindergarten and one school had no change.

KINDERGARTEN WITHOUT CHARTERS						
School	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Baca	48	73	50	36	52	35
Belmont	67	88	81	66	84	74
Bessemer Academy	42	62	54	55	39	48
Beulah Heights	67	77	66	71	69	41
Bradford	84	94	84	64	57	65
Carlile	48	69	51	49	31	37
Columbian	77	86	62	58	55	54
Fountain International	98	100	98	100	99	104
Franklin	62	88	63	53	63	63
Haaff	54	53	45	51	51	47
Heritage	71	74	57	62	57	59
Highland Park	76	106	81	88	76	84
Irving	60	59	56	63	52	60
Minnequa	76	79	72	63	57	55
Morton	78	108	92	90	66	70
Park View	53	84	82	74	75	62
South Park	46	73	45	46	58	55
Sunset Park	73	94	82	62	73	63
Goodnight	81	94	80	82	71	75
Heroes Academy	47	73	58	42	34	31
Total	1,308	1,634	1,359	1,275	1,219	1,182

Since 2012-13, K-5 net migration was negative every year with a large net out migration in the past year. However, the pattern of net out migration varies by school. Five schools had net out

migration every year (Bessemer Academy, Beulah Heights, Bradford, Carlile and Irving). However, Goodnight had positive K-5 net migration every year while Belmont and Fountain/Corwin had negative net migration only one year out of five. Haaff, Park View and Heroes Academy (K-5) had negative net migration two of the five years. For some schools net out migration was in the single digits, but for others, net out migration was large in one or more years.

NET MIGRATION WITHOUT CHARTERS					
GRADES K-5					
School	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
Baca	-15	-7	8	8	-7
Belmont	27	24	2	-6	5
Bessemer Academy	-15	-7	-11	-46	-42
Beulah Heights	-22	-3	-11	-36	-3
Bradford	-35	-13	-31	-30	-22
Carlile	-27	-20	-27	-6	-9
Columbian	-19	-21	-48	4	-42
Fountain/Corwin*	10	14	16	11	-26
Franklin	-5	1	-36	11	-20
Haaff	0	15	13	-9	-3
Heritage	2	-17	-19	6	-13
Highland Park	-2	-4	14	-10	19
Irving	-3	-24	-13	-12	-24
Minnequa	-30	-33	7	-21	-37
Morton	14	-14	0	-33	-37
Park View	8	6	-43	34	-21
South Park	-1	-19	12	-4	-24
Sunset Park	10	-24	-8	-5	11
Goodnight	5	13	38	3	29
Heroes Academy	1	12	-44	11	-3
Total	-95	-98**	-181	-130	-269

*Fountain International and Corwin International treated as a single school for net migration

** Sum of schools does not equal Pueblo City Schools' total because Pueblo Academy of Arts had 23 5th Graders reflected in the total in 2014-15

K-5 Projections

Individual Elementary Schools

Individual school projections will be made using the cohort survival method. The advantage of this method is that it begins by aging the student population. Therefore, any differences in grade size are reflected in the projections when these classes leave elementary school. Further, this method is sensitive to the number of births in the immediate past.

Kindergarten

Kindergarten projections by school will be based on the high kindergarten projections because in five years, the difference between the low and high kindergarten projections is only 27 students. Distributed over 20 schools, this small difference does not warrant separate projections based on the low kindergarten projections. Future kindergarten students will be allocated to individual schools based on the past three-years' average of each school's kindergarten share.

KINDERGARTEN PROJECTIONS		
Year	Low	High
2018-19	1,170	1,197
2019-20	1,190	1,217
2020-21	1,150	1,176
2021-22	1,167	1,194
2022-23	1,173	1,200

PERCENT OF KINDERGARTEN AT EACH SCHOOL							
School	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	Projection
Baca	3.7	4.5	3.7	2.8	4.3	3.0	3.4
Belmont	5.1	5.4	6.0	5.2	6.9	6.3	6.1
Bessemer Academy	3.2	3.8	4.0	4.3	3.2	4.1	3.9
Beulah Heights	5.1	4.7	4.8	5.6	5.7	3.5	4.9
Bradford	6.4	5.7	6.2	5.0	4.7	5.5	5.1
Carlile	3.7	4.2	3.7	3.8	2.5	3.1	3.1
Columbian	5.9	5.3	4.6	4.6	4.5	4.6	4.6
Fountain International	7.5	6.1	7.2	7.8	8.1	8.8	8.2
Franklin	4.7	5.4	4.6	4.2	5.2	5.3	4.9
Haaff	4.1	3.2	3.3	4.0	4.2	4.0	4.1
Heritage	5.4	4.5	4.2	4.9	4.7	5.0	4.9
Highland Park	5.8	6.5	6.0	6.9	6.2	7.1	6.7
Irving	4.6	3.6	4.1	4.9	4.3	5.1	4.8
Minnequa	5.8	4.8	5.3	4.9	4.7	4.7	4.7
Morton	6.0	6.6	6.8	7.1	5.4	5.9	6.1
Park View	4.1	5.1	6.0	5.8	6.1	5.2	5.7
South Park	3.5	4.5	3.3	3.6	4.7	4.6	4.3
Sunset Park	5.6	5.8	6.0	4.9	6.0	5.3	5.4
Goodnight	6.2	5.8	5.9	6.4	5.8	6.3	6.2
Heroes Academy	3.6	4.5	4.3	3.3	2.8	2.6	2.9
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

KINDERGARTEN PROJECTIONS BY SCHOOL						
School	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Baca	35	41	41	40	41	41
Belmont	74	73	74	72	73	73
Bessemer Academy	48	47	48	46	47	47
Beulah Heights	41	59	60	58	59	59
Bradford	65	61	62	60	61	61
Carlile	37	37	38	36	37	37
Columbian	54	55	56	54	55	55
Fountain International	104	98	100	96	98	99
Franklin	63	59	60	58	58	59
Haaff	47	49	50	48	49	49
Heritage	59	59	60	58	58	59
Highland Park	84	80	82	79	80	80
Irving	60	57	58	56	57	58
Minnequa	55	56	57	55	56	56
Morton	70	73	74	72	73	73
Park View	62	68	69	67	68	68
South Park	55	51	52	50	51	52
Sunset Park	63	65	66	64	64	65
Goodnight	75	74	75	73	74	74
Heroes Academy	31	35	35	34	35	35
Total	1,182	1,197	1,217	1,176	1,194	1,200

SURVIVAL RATES USED IN THE PROJECTIONS					
School	K to 1	1 to 2	2 to 3	3 to 4	4 to 5
Baca	0.992	0.922	1.045	1.042	0.994
Belmont	1.039	1.016	1.006	0.974	0.972
Bessemer Academy	0.810	0.789	0.870	0.869	0.866
Beulah Heights	0.903	0.968	0.932	0.947	0.938
Bradford	0.929	0.837	0.884	0.914	0.945
Carlile	0.934	0.909	0.943	0.958	0.984
Columbian	0.942	0.887	0.856	0.927	0.919
Fountain/Corwin	0.993	0.990	1.004	1.041	0.979
Franklin	0.953	0.984	0.865	0.881	0.998
Haaff	0.974	0.995	0.984	1.017	1.050
Heritage	0.998	0.934	1.046	0.886	1.011
Highland Park	1.053	0.980	1.008	0.966	1.068
Irving	0.953	0.901	0.893	0.995	0.941
Minnequa	0.932	0.945	0.994	0.986	0.860
Morton	0.957	0.959	0.945	0.979	0.890
Park View	1.007	0.968	0.932	0.961	0.976
South Park	1.009	0.930	0.994	0.974	0.969
Sunset Park	1.003	1.011	1.002	0.987	1.003
Goodnight	1.072	1.003	1.037	1.066	1.081
Heroes Academy	0.917	0.808	0.948	1.072	0.958

Migration

Each school's survival rates for the past three years were averaged. Averaging the survival rates removes some of the year to year fluctuations. The three-year average was the starting point, but a couple of rates had to be modified due to single year anomalies (outliers).

Projection Results

The 2017-18 kindergarten will be in Grade 5 in 2022-23. Therefore, enrollment in the last projection year (2022-23) is largely derived from the assumptions. A summary of the cohort survival projections by school is shown in the next table and annual projections are in a following table. (Background data are in Appendix C.)

The sum of the kindergarten classes of each school equals the high kindergarten projection. Other grades, however, were not controlled to the total for that grade. The kindergarten and migration assumptions are smoothed trend lines seeking to approximate five years in the future, which means that any single year may differ from the projections. In some years, enrollment may be higher than the projections while in other years it may be lower.

COHORT SURVIVAL METHOD PROJECTIONS BY SCHOOL				
K-5 ONLY				
School	2017-18	2022-23	Change	
			#	%
Baca	294	233	-61	-20.7%
Belmont	498	453	-45	-9.0%
Bessemer Academy	217	184	-33	-15.2%
Beulah Heights	344	287	-57	-16.6%
Bradford	340	284	-56	-16.5%
Carlile	234	189	-45	-19.2%
Columbian	296	261	-35	-11.8%
Fountain (K-3)	392	389	-3	-0.8%
Franklin	362	304	-58	-16.0%
Haaff	308	286	-22	-7.1%
Heritage	351	332	-19	-5.4%
Highland Park	525	502	-23	-4.4%
Irving	291	291	0	0.0%
Minnequa	329	296	-33	-10.0%
Morton	440	388	-52	-11.8%
Park View	430	377	-53	-12.3%
South Park	285	294	9	3.2%
Sunset Park	441	390	-51	-11.6%
Goodnight (K-5)	550	507	-43	-7.8%
Heroes Academy (K-5)	261	175	-86	-33.0%
Corwin (4-5)	196	205	9	4.6%
Total	7,384	6,627	-757	-10.3%

K-5 enrollment (without charters) decreases -10.3 percent in five years. Only two schools (South Park and Corwin International) show K-5 enrollment increases while in one school (Irving) enrollment does not change. Seven schools (Baca, Bessemer Academy, Beulah Heights, Bradford, Carlile, Franklin and Heroes Academy [K-5]) show enrollment declines of more than 15 percent. Belmont, Fountain International, Haaff, Heritage, Highland Park and Goodnight (K-5) show decreases of less than 10 percent.

The enrollment decreases by school occur for several reasons. Almost all schools show survival rates of less than 1.000 for all grades, which results in enrollment decreases. Some schools decrease because large grade cohorts age out of school during the projection period and some schools have smaller incoming kindergarten classes than in previous years. Therefore, there is no one single reason that so many of the K-5 schools show enrollment decline.

As the next table shows, the sum of the individual school projections is a good fit with the independently-made total projections. The sum of the individual schools is only one (1) student higher than the high kindergarten/high migration projection for 2022-23.

COHORT SURVIVAL METHOD PROJECTIONS BY SCHOOL BY YEAR						
K-5 ONLY						
HIGH KINDERGARTEN/HIGH MIGRATION						
School	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Baca	294	285	256	245	239	233
Belmont	498	492	466	460	464	453
Bessemer Academy	217	194	183	181	180	184
Beulah Heights	344	324	305	303	300	287
Bradford	340	325	299	288	281	284
Carlile	234	229	207	198	186	189
Columbian	296	283	267	261	260	261
Fountain (K-3)	392	394	394	394	388	389
Franklin	362	355	326	313	307	304
Haaff	308	303	284	281	281	286
Heritage	351	343	338	341	330	332
Highland Park	525	529	518	513	505	502
Irving	291	292	287	288	286	291
Minnequa	329	311	301	292	299	296
Morton	440	421	402	390	385	388
Park View	430	414	396	393	384	377
South Park	285	300	283	290	293	294
Sunset Park	441	437	419	405	400	390
Goodnight (K-5)	550	549	523	513	501	507
Heroes Academy (K-5)	261	237	205	181	176	175
Corwin (4-5)	196	188	199	199	203	205
Sum	7,384	7,205	6,858	6,729	6,648	6,627
Total	7,384	7,202	6,849	6,719	6,638	6,626
Difference	0	+3	+9	+10	+10	+1

Three schools shown in the above tables serve students through Grade 8. They are as follows: Corwin International (4-8), Goodnight (K-8) and Heroes Academy (K-8). Grades 6-8 at Heroes Academy are one of Pueblo City Schools' middle schools. The total enrollment for the two elementary schools is shown in the next table. Grades 6-8 will also be shown in the Middle School chapter of this report.

COHORT SURVIVAL METHOD PROJECTIONS BY SCHOOL BY YEAR HIGH KINDERGARTEN/HIGH MIGRATION						
School	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Corwin International (4-8)	606	600	598	574	573	584
Goodnight (K-8)	683	693	669	665	664	641

Elementary Schools and Attendance Areas

The next two tables show matrixes of resident students by attendance area and the school attended in 2017-18. As these data show, many students attend an elementary school outside their attendance area of residence.

DISTRICT #60 WITH CHARTERS K-5 STUDENTS BY ATTENDANCE AREA AND BY SCHOOL ATTENDED											
School	Attendance Area										
	Baca	Belm	Bess	Beul	Brad	Br/Pv	Carl	Col E	Col W	Fran	Good
Baca	160	2	3	3	6	24	0	0	6	10	4
Belmont	16	240	3	0	10	3	2	2	8	54	9
Bessemer	1	0	156	6	3	0	2	2	8	0	6
Beulah Heights	0	1	2	251	1	0	1	3	23	2	4
Bradford	12	2	3	1	214	26	0	0	4	4	1
Carlile	3	0	21	2	1	2	128	1	18	2	2
Columbian	3	1	22	13	2	1	1	9	200	6	4
Corwin	7	6	1	15	2	3	8	0	14	2	18
Fountain	7	15	7	8	8	3	15	2	11	21	36
Franklin	23	9	1	0	6	11	0	0	3	217	2
Goodnight	1	0	7	7	1	0	10	0	14	2	390
Haaff	8	17	3	3	1	2	0	0	6	22	3
Heritage	2	0	28	13	3	4	19	0	41	3	19
Heroes	4	1	1	0	2	7	1	1	1	1	1
High/Park	1	1	15	50	0	0	4	1	22	1	23
Irving	0	3	9	7	1	2	0	0	2	3	2
Minnequa	4	1	27	15	0	0	1	1	27	3	2
Morton	0	1	0	3	5	1	3	0	5	8	5
Park View	42	1	3	1	13	68	1	0	5	5	3
South Park	7	2	9	30	2	0	6	1	11	4	12
Sunset Park	4	1	14	26	1	2	4	1	38	4	71
Total	305	304	335	454	282	159	206	24	467	374	617
% in Area	52.5	78.9	46.6	55.3	75.9	---	62.1	27.5	42.8	58.0	63.2
Cha/Heu	19	2	10	24	16	14	12	0	25	11	12
PSAS	3	2	6	37	5	2	12	0	29	6	27
PSAS F.H.	0	1	5	11	7	1	3	12	15	4	5
Total	22	5	21	72	28	17	27	12	69	21	44

Source: District Student Information System

DISTRICT #60 WITH CHARTERS										
K-5 STUDENTS BY ATTENDANCE AREA AND BY SCHOOL ATTENDED										
School	Attendance Area									
	Haaf	Heri	Hero	High	Irvi	Minn	Mort	Park	South	Suns
Baca	1	5	2	7	8	1	2	34	2	2
Belmont	49	1	20	3	6	3	17	33	1	2
Bessemer	1	3	11	1	0	14	2	6	1	1
Beulah Heights	0	1	0	14	2	15	0	3	13	6
Bradford	2	0	5	1	0	0	1	52	4	1
Carlile	4	7	3	5	5	5	7	7	1	6
Columbian	0	7	5	2	2	5	2	0	0	10
Corwin	10	6	6	20	3	10	23	12	8	7
Fountain	32	6	39	34	4	14	42	21	22	9
Franklin	7	1	11	2	7	4	3	47	0	2
Goodnight	4	12	10	23	9	8	11	13	7	9
Haaff	145	0	23	3	2	6	33	20	4	2
Heritage	0	153	7	8	5	13	4	4	3	12
Heroes	1	0	175	4	29	0	15	12	2	0
High/Park	2	12	5	299	6	24	2	1	35	10
Irving	0	1	20	1	188	3	33	10	0	0
Minnequa	1	4	4	4	0	221	4	4	0	0
Morton	6	0	46	3	31	1	289	8	6	3
Park View	1	1	5	0	4	1	1	272	0	0
South Park	3	1	1	31	4	8	1	0	147	4
Sunset Park	4	12	2	31	11	13	9	3	6	177
Total	273	233	400	496	326	369	501	562	262	263
% in Area	53.1	65.7	43.8	60.3	57.7	59.9	57.7	48.4	56.1	67.3
Cha/Heu	4	9	33	13	128	14	32	40	4	4
PSAS	10	8	8	38	9	26	15	4	18	9
PSAS F.H.	2	5	7	8	6	10	12	14	2	3
Total	16	22	48	59	143	50	59	58	24	16

Source: District Student Information System

CHAPTER 4

ENROLLMENT PROJECTIONS FOR MIDDLE SCHOOLS AND HIGH SCHOOLS

Middle Schools and Other Grade 6-8 Schools

The Pueblo City Schools operate five middle schools (including Heroes Academy) and have two other schools that serve Grades 6-8 (Corwin International and Goodnight). Each of the middle schools has an attendance area except for Corwin International, which is technically not a middle school. Because the grades served by elementary schools have changed, some middle schools have more survival rate history than others. Further, the enrollment at a couple of middle school “ramped up” in the past five years. Finally, many students leave the Pueblo City Schools after Grade 5, although some return at Grade 9. All these factors make projecting middle school enrollment challenging.

The following elementary schools “feed” each of the following middle schools. When no percentage is shown, 100 percent attend that middle school. The percentages are based on last year.

Heaton Middle School

- Baca (65%)
- Franklin
- Belmont
- Haaff

Heroes Academy (6-8)

- Heroes K-5
- Morton
- Irving

Pueblo Academy of Arts

- Heritage
- Carlile
- Sunset Park
- Goodnight K-5
- Bessemer (75%)
- Columbian (25%)

Risley International Academy

- Baca (35%)
- Bessemer (15%)
- Columbian (5%)
- Park View
- Bradford

Roncalli STEM Academy

- Bessemer (15%)
- Columbian (70%)
- Highland Park
- South Park
- Minnequa
- Beulah Heights

Past Trends

Grade 6-8 enrollment (without charters) decreased by 279 students or -8.7 percent. The five middle schools saw enrollment decrease by 230 students or -8.8 percent; however, Pueblo Academy of Arts showed an enrollment increase. Grade 6-8 enrollment decreased by 49 students or -8.3 percent at Corwin International and Goodnight. Grade 6-8 enrollment was phased out of the other elementary schools, which are now K-5 only.

ENROLLMENT WITHOUT CHARTERS MIDDLE SCHOOL AND OTHER 6-8 SCHOOLS						
School	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
6 th Grade at elem. schools	444	365	322	277	23	0
Heaton MS	721	735	756	738	704	664
Heroes Academy	291	310	295	265	271	270
Pueblo Academy of Arts	254	352	445	538	682	712
Risley International Acad.	355	369	358	358	355	325
Roncalli STEM Acad.	559	539	458	366	368	423
Sub total	2,624	2,670	2,634	2,542	2,403	2,394
Corwin International	431	421	431	391	428	410
Goodnight	161	146	125	104	142	133
Total	3,216	3,237	3,190	3,037	2,973	2,937

Middle School Projections

Individual Middle School Projections

Individual middle school projections will be made using the cohort survival method. Grade 5 from the respective feeder schools will flow into each middle school and survival rates will be applied for each middle school grade progression.

Grade 5

Grade 5 from the respective feeder schools will be treated as the starting point for the middle school projections. As the next table shows, the number of 5th Graders decreases by 183 students over

the projection period. This means that projected middle school (6-8) enrollment will almost certainly decrease in the coming years.

GRADE 5 BY SCHOOL WITHOUT CHARTERS						
School	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Heaton MS	214	288	216	196	204	190
Heroes Academy	164	182	154	133	117	119
Pueblo Academy of Arts	306	351	294	304	261	262
Risley International Acad.	145	170	127	131	118	110
Roncalli STEM Acad.	269	312	252	242	260	234
Corwin International	105	89	97	100	96	105
Sum	1,203	1,392	1,140	1,106	1,056	1,020
Total	1,203	1,402	1,141	1,109	1,049	1,020
Difference	0	-10	-1	-3	+7	0

Migration

To project migration, the past year's survival rate was the only reliable rate for most schools. However, a three-year average was used for Heaton because it is the only middle school whose feeder schools were K-5 for the past three years. A couple of very high rates were adjusted downward. Except for Heaton Middle School and Corwin International, middle schools do not capture all the Grade 5 students from their feeder schools. Seeking an alternative to the Pueblo City Schools for Grade 6 is geographically widespread.

PROJECTED SURVIVAL RATES			
School	5 to 6	6 to 7	7 to 8
Heaton MS	1.020	0.929	0.924
Heroes Academy	0.705	1.000	0.940
Pueblo Academy of Arts	0.725	0.980	0.960
Risley International Acad.	0.852	0.912	0.991
Roncalli STEM Acad.	0.660	0.980	0.951
Corwin International	1.269	1.030	0.994

Projection Results

Pueblo City Schools Grade 6-8 enrollment (without charters) decreases -6.4 percent in five years. The sum of the individual school projections is a good fit with the high kindergarten/high migration projections given the many challenges with the middle school projections.

While 6-8 enrollment decreases, Roncalli STEM Academy is projected to grow, although this may be an artifact of higher survival rates from the years when its enrollment grew. The largest projected decline is at Pueblo Academy of Arts with a 15 percent decrease in five years. Heaton Middle School

and Heroes Academy (6-8) show decreases in the 11 and 12 percent ranges; however, Heroes Academy decreases by only 30 students.

ENROLLMENT PROJECTIONS MIDDLE SCHOOLS AND OTHER 6-8 SCHOOLS						
School	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Heaton MS	664	632	699	681	657	583
Heroes Academy	270	319	373	358	317	240
Pueblo Academy of Arts	712	701	698	671	669	606
Risley International Acad.	325	325	335	352	341	300
Roncalli STEM Acad.	423	472	541	534	515	483
Sub total	2,124	2,130	2,273	2,238	2,182	1,972
Corwin International	410	412	399	376	370	379
Goodnight	133	146	148	154	158	140
Sum	2,937	3,007	3,193	3,126	3,027	2,731
Total	2,937	2,976	3,160	3,121	3,036	2,749
Difference	0	+31	+33	+5	-9	-18

COHORT SURVIVAL METHOD PROJECTIONS BY SCHOOL				
School	2017-18	2022-23	Change	
			#	%
Heaton MS	664	583	-81	-12.2%
Heroes Academy	270	240	-30	-11.1%
Pueblo Academy of Arts	712	606	-106	-14.9%
Risley International Acad.	325	300	-25	-7.7%
Roncalli STEM Acad.	423	483	60	14.2%
Sub total	2,124	1,972	-152	-7.2%
Corwin International	410	379	-31	-7.6%
Goodnight	133	140	7	5.3%
Sum	2,937	2,731	-206	-7.0%
Total	2,937	2,749	-188	-6.4%
Difference	0	-18	---	---

High Schools

The Pueblo City Schools operate four high schools. The following middle school attendance areas “feed” the following high schools. Percentages are based on each student’s residence and the associated attendance area. Actual enrollments and school choice are not reflected in these percentages except for Corwin International Magnet School students. Because Corwin International Magnet School has no attendance area, the percentages shown are for the past year. Of course, these percentages may change in future years if parents and students make different choices.

Centennial High School

- Heroes Academy
- Risley International Academy of Innovation 20%
- Corwin International Magnet School 14%

Central High School

- Pueblo Academy of Arts 65%
- Roncalli STEM Academy 25%
- Risley International Academy of Innovation 5%
- Corwin International Magnet School 24%
- Goodnight 38%

East High School

- Heaton Middle School
- Risley International Academy of Innovation 75%
- Corwin International Magnet School 17%

South High School

- Roncalli STEM Academy 75%
- Pueblo Academy of Arts 35%
- Corwin International Magnet School 45%
- Goodnight 62%

Past Trends

Since 2012-13, high school enrollment decreased from 4,402 students to 4,146 students, a decrease of 256 students or -5.8 percent. Enrollment at South High School decreased by 248 students while enrollment at East High School increased by 126 students. Centennial and Central decreased by 51 and 83 students respectively.

ENROLLMENT HIGH SCHOOL						
School	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Centennial	1,247	1,254	1,272	1,268	1,205	1,196
Central	869	826	812	760	814	786
East	964	1,024	1,130	1,164	1,166	1,090
South	1,322	1,355	1,296	1,292	1,174	1,074
Total	4,402	4,459	4,510	4,484	4,359	4,146

High School Projections

Individual High School Projections

High school projections will be made using the cohort survival method. The exceptionally large 2013-14 kindergarten will be in Grade 9 in 2022-23.

Grade 8

Grade 8 from the middle schools will be treated as the starting point for the high school projections. As the following table shows, the number of Grade 8 students will decrease -1.4 percent in the next five years. The sum of projected 8th graders by school is very close to the high kindergarten/high migration projection of 8th graders.

GRADE 8 BY SCHOOL						
School	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Centennial	124	123	133	150	163	140
Central	222	246	236	230	255	218
East	327	308	287	294	370	284
South	245	268	283	280	308	267
Sum	918	945	939	954	1,096	909
Total	918	948	926	955	1,112	905
Difference	0	-3	+13	-1	-16	+4

Migration

The past years' survival rates for all grade transitions beginning with Grade 9 were used to capture the effect of online schools. This is the same assumption used for the total projections. The survival rates from Grade 8 to Grade 9 varied by school. East High School was the only school where an average of the past three years resulted in a reasonable survival rate. Other combinations of years were used for the other high schools. Only Centennial and South enroll more 9th graders than their respective feeder schools produce. Central and East do not capture their potential.

PROJECTED SURVIVAL RATES				
School	8 to 9	9 to 10	10 to 11	11 to 12
Centennial	2.257	1.000	0.911	0.968
Central	0.942	0.895	0.953	0.925
East	0.856	0.853	0.905	0.996
South	1.098	0.855	0.859	0.966

Projection Results

Again, the sum of the school projections is a good fit with the independently-made total high school projections, although the sum is higher in 2020-21 and 2021-22. High school enrollment declines -4.6 percent in five years with the largest decrease at East High School, which decreases by 210 students. South High School shows a minimal decrease (36 students) while Centennial and Central show minimal increases (29 and 21 students respectively).

HIGH SCHOOL PROJECTIONS						
High School	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Centennial	1,196	1,163	1,108	1,107	1,138	1,225
Central	786	799	815	774	778	807
East	1,090	1,018	988	931	902	880
South	1,074	974	930	967	980	1,038
Sum	4,146	3,954	3,841	3,779	3,798	3,950
Total	4,146	3,957	3,837	3,737	3,742	3,957
Difference	0	-3	4	42	56	-7

COHORT SURVIVAL METHOD PROJECTIONS BY SCHOOL				
School	2017-18	2022-23	Change	
			#	%
Centennial	1,196	1,225	29	2.4%
Central	786	807	21	2.7%
East	1,090	880	-210	-19.3%
South	1,074	1,038	-36	-3.4%
Sum	4,146	3,950	-196	-4.7%
Total	4,146	3,957	-189	-4.6%

CHAPTER 5

DISTRICT #60 ENROLLMENT WITH CHARTERS HOUSING DATA, PROJECTIONS AND SPECIAL POPULATIONS

Chapter 5 focuses on enrollment projections for District #60 students including the charter school students in schools where the charter contract is between District #60 and the school (Chavez/Huerta K-12 Preparatory Academy and the two campuses of the Pueblo School for Arts and Science). Charter schools with contracts with other entities are not reflected in this chapter. In addition, Chapter 5 will look at housing data and special student populations in District #60.

An enrollment history for District #60 students is shown in the next table. Enrollment decreased by 931 students since 2007-08. Kindergarten class size, which also decreased during this period, shows the effect of changing the date for enrolling in kindergarten in 2013-14. In 2017-18, the 2013-14 kindergarten class is in Grade 4 and will be in Grade 12 in 2025-26.

DISTRICT #60 ENROLLMENT WITH CHARTERS											
Grade	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	1,392	1,421	1,364	1,483	1,446	1,470	1,798	1,503	1,411	1,363	1,318
1	1,454	1,398	1,425	1,374	1,469	1,427	1,446	1,748	1,463	1,401	1,354
2	1,408	1,465	1,417	1,400	1,322	1,390	1,403	1,432	1,661	1,401	1,333
3	1,363	1,385	1,439	1,408	1,381	1,297	1,351	1,368	1,407	1,635	1,357
4	1,292	1,356	1,387	1,413	1,377	1,315	1,281	1,326	1,357	1,383	1,573
5	1,268	1,302	1,369	1,385	1,380	1,367	1,298	1,255	1,323	1,318	1,358
6	1,268	1,206	1,183	1,239	1,266	1,274	1,271	1,173	1,154	1,190	1,176
7	1,207	1,240	1,178	1,159	1,206	1,210	1,238	1,222	1,118	1,094	1,127
8	1,239	1,208	1,214	1,156	1,131	1,205	1,168	1,206	1,170	1,092	1,053
9	1,770	1,740	1,615	1,286	1,232	1,220	1,265	1,254	1,279	1,251	1,151
10	1,290	1,316	1,289	1,203	1,191	1,183	1,188	1,228	1,197	1,174	1,129
11	1,152	1,141	1,106	1,156	1,127	1,114	1,075	1,090	1,125	1,072	1,062
12	887	866	867	1,169	1,370	1,216	1,225	1,183	1,120	1,086	1,068
Total	16,990	17,044	16,853	16,831	16,898	16,688	17,007	16,988	16,785	16,460	16,059

Source: Pueblo City Schools, Fall Enrollment. Excludes Early Childhood

The cohort survival method will be used to make District #60 enrollment projections and the same time periods for kindergarten and for migration assumptions that were used for the projections without charters will be used for the projections with charters. For example, the average of the past two years will be used for the high kindergarten assumption (97.01 percent of the kindergarten pool) and the low kindergarten assumption will be the past year (94.68 percent of the kindergarten pool).

These percentages are based on the percentages contained in the following table.

DISTRICT #60 KINDERGARTEN WITH CHARTERS AS A PERCENTAGE OF THE DISTRICT'S KINDERGARTEN POOL			
Birth Years	Kindergarten Pool	Percentage	Kindergarten Year
2001; 2002	1,555	89.52%	2007-08
2002; 2003	1,489	95.43%	2008-09
2003; 2004	1,461	93.36%	2009-10
2004; 2005	1,426	104.00%	2010-11
2005; 2006	1,496	96.66%	2011-12
2006; 2007	1,556	94.47%	2012-13
2007; 2008	1,554	115.70%	2013-14
2008; 2009	1,541	97.53%	2014-15
2009; 2010	1,456	96.91%	2015-16
2010; 2011	1,372	99.34%	2016-17
2011; 2012	1,392	94.68%	2017-18
2012; 2013	1,378		2018-19
2013; 2014	1,401		2019-20
2014; 2015	1,354		2020-21
2015; 2016	1,374		2021-22

In 2013-14, the age for entering kindergarten changed. The 2017-18 ratio reflects a new charter school

The next table shows the kindergarten projections used in making District #60 enrollment projections.

DISTRICT #60 KINDERGARTEN PROJECTIONS WITH CHARTERS		
	@94.68%	@97.01%
2017-18	1,318	1,318
2018-19	1,305	1,337
2019-20	1,326	1,359
2020-21	1,282	1,314
2021-22	1,301	1,333
2022-23	1,308	1,340
2023-24	1,306	1,338
2024-25	1,308	1,340
2025-26	1,310	1,343
2026-27	1,317	1,349
2027-28	1,326	1,358

The next two tables show net migration for District #60. The first table shows net migration by grade while the second table aggregates net migration for the elementary, middle school and high school grades.

Even with charter school students, there is a net out migration between Grade 5 and Grade 6. That out migration exceeds the net in migration between Grade 8 and Grade 9 and points to a loss of students after middle school.

DISTRICT #60 NET MIGRATION WITH CHARTERS OCTOBER TO OCTOBER										
	07 to 08	08 to 09	09 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	6	4	10	-14	-19	-24	-50	-40	-10	-9
1 to 2	11	19	-25	-52	-79	-24	-14	-87	-62	-68
2 to 3	-23	-26	-9	-19	-25	-39	-35	-25	-26	-44
3 to 4	-7	2	-26	-31	-66	-16	-25	-11	-24	-62
4 to 5	10	13	-2	-33	-10	-17	-26	-3	-39	-25
5 to 6	-62	-119	-130	-119	-106	-96	-125	-101	-133	-142
6 to 7	-28	-28	-24	-33	-56	-36	-49	-55	-60	-63
7 to 8	1	-26	-22	-28	-1	-42	-32	-52	-26	-41
8 to 9	501	407	72	76	89	60	86	73	81	59
9 to 10	-454	-451	-412	-95	-49	-32	-37	-57	-105	-122
10 to 11	-149	-210	-133	-76	-77	-108	-98	-103	-125	-112
11 to 12	-286	-274	63	214	89	111	108	30	-39	-4
Total	-480	-689	-638	-210	-310	-263	-297	-431	-568	-633
Percent	-2.8	-4.0	-3.8	-1.2	-1.8	-1.6	-1.7	-2.5	-3.4	-3.8

The larger net out migration after 2014-15 is present when enrollment includes charter schools.

DISTRICT #60 NET MIGRATION WITH CHARTERS OCTOBER TO OCTOBER										
	07 to 08	08 to 09	09 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	-3	12	-52	-149	-199	-120	-150	-166	-161	-208
6-8	-89	-173	-176	-180	-163	-174	-206	-208	-219	-246
9-12	-388	-528	-410	119	52	31	59	-57	-188	-179
Total	-480	-689	-638	-210	-310	-263	-297	-431	-568	-633

The following tables shows survival rates for District #60.

DISTRICT #60 SURVIVAL RATES WITH CHARTERS OCTOBER TO OCTOBER										
	07 to 08	08 to 09	09 to 10	10 to 11	11 to 12	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	1.004	1.003	1.007	0.991	0.987	0.984	0.972	0.973	0.993	0.993
1 to 2	1.008	1.014	0.982	0.962	0.946	0.983	0.990	0.950	0.958	0.951
2 to 3	0.984	0.982	0.994	0.986	0.981	0.972	0.975	0.983	0.984	0.969
3 to 4	0.995	1.001	0.982	0.978	0.952	0.988	0.981	0.992	0.983	0.962
4 to 5	1.008	1.010	0.999	0.977	0.993	0.987	0.980	0.998	0.971	0.982
5 to 6	0.951	0.909	0.905	0.914	0.923	0.930	0.904	0.920	0.899	0.892
6 to 7	0.978	0.977	0.980	0.973	0.956	0.972	0.961	0.953	0.948	0.947
7 to 8	1.001	0.979	0.981	0.976	0.999	0.965	0.974	0.957	0.977	0.963
8 to 9	1.404	1.337	1.059	1.066	1.079	1.050	1.074	1.061	1.069	1.054
9 to 10	0.744	0.741	0.745	0.926	0.960	0.974	0.971	0.955	0.918	0.902
10 to 11	0.884	0.840	0.897	0.937	0.935	0.909	0.918	0.916	0.896	0.902
11 to 12	0.752	0.760	1.057	1.185	1.079	1.100	1.100	1.028	0.965	0.996

The next table shows the survival rates used in District #60 enrollment projections.

PROJECTED SURVIVAL RATES		
Grade	Low (Past 2 years, past year double weighted)	High (Past 3 Years)
K to 1	0.993	0.986
1 to 2	0.953	0.953
2 to 3	0.974	0.979
3 to 4	0.969	0.979
4 to 5	0.978	0.984
5 to 6	0.894	0.904
6 to 7	0.947	0.949
7 to 8	0.968	0.966
8 to 9	1.059	1.061
9 to 10	0.902	0.902
10 to 11	0.902	0.902
11 to 12	0.996	0.996

Enrollment projections for District #60 with charter schools are shown in the next table. Enrollment is projected to decrease by 1,684 to 2,161 students, that is, by -10.5 percent to -13.5 percent.

DISTRICT #60 ENROLLMENT PROJECTIONS WITH CHARTERS				
Year	Low K Low Mig	Low K High Mig	High K Low Mig	High K High Mig
2017-18	16,059	16,059	16,059	16,059
2018-19	15,704	15,740	15,736	15,772
2019-20	15,385	15,455	15,450	15,520
2020-21	15,086	15,185	15,181	15,279
2021-22	14,901	15,027	15,026	15,151
2022-23	14,776	14,925	14,929	15,078
2023-24	14,592	14,765	14,773	14,947
2024-25	14,431	14,624	14,637	14,831
2025-26	14,263	14,465	14,494	14,697
2026-27	13,985	14,187	14,238	14,442
2027-28	13,898	14,094	14,176	14,375

Excludes Early Childhood

Note that District #60 projections show that the kindergarten assumptions create a greater difference in the projections than the migration assumptions, just the opposite of the Pueblo City Schools (without charters) projections.

The difference between the projections for District #60 (with charters) and for the Pueblo City Schools (without charters) can accommodate an increase in charter school enrollment. The difference between the two sets of projections (with and without charters) ranges from 1,775 to 1,815 students. In 2017-18, the District's charter schools enrolled 1,527 students. The District #60 projections (with charters) can accommodate the additional 75 students as the Pueblo School for Arts and Science expands to Grades 6-8 and has room for additional charter school enrollment.

DISTRICT #60 ENROLLMENT PROJECTIONS WITH CHARTERS				
	K-5	6-8	9-12	Total
2017-18	8,293	3,356	4,410	16,059
2022-23				
Low K/Low Mig	7,352	3,160	4,263	14,776
Low K/High Mig	7,359	3,262	4,305	14,925
High K/Low Mig	7,505	3,160	4,263	14,929
High K/High Mig	7,511	3,262	4,305	15,078
2027-28				
Low K/Low Mig	7,388	2,913	3,597	13,898
Low K/High Mig	7,394	2,991	3,710	14,094
High K/Low Mig	7,569	2,986	3,621	14,176
High K/High Mig	7,575	3,065	3,735	14,375

Excludes Early Childhood

Housing Data

It could be said that housing stock is like DNA. It determines the size and characteristics of the resident school age population.

After dwelling unit type, year built and market value emerge as the most important housing characteristics. Year built reflects how families lived in that era and is a proxy for square feet and characteristics such as number of bedrooms, number of bathrooms and number of garage spaces. The presence of a master suite, walk-in closets, etc. can also be inferred from year built. Value implies some of these same characteristics plus lot size, location and interior amenities such as kitchen and bathroom appointments and finishes.

The relationship between housing unit characteristics and student enrollment and student characteristics has been established by work in three states. Findings based on school districts in three states (Minnesota, Wisconsin and Illinois) follow.

- *Dwelling unit type affects the school age child per unit yield. Single-family detached units have the highest school age child per unit yield. Single-family attached, such as townhouses, have significantly fewer children per unit than single-family detached units, while apartment units have even fewer school age children per unit, although there are some local exceptions.*

Eighty-three (82.9) percent of District #60 resident students live in single-family detached units. For the District #60 Schools (with charters), single-family detached units yield slightly more than one-third of a student per unit (0.36). About 12 (12.2) percent of students reside in multi-family units where yield most often ranges from 0.11 to 0.20. The student yield in Duplex/Triplex units (0.43) is higher than in single-family detached units but there are very few of these units.

DISTRICT #60 WITH CHARTERS HOUSING TYPE BY STUDENT YIELD			
Housing Type	Units	K-12 Students	K-12 Yield
Single-Family Detached	35,876	12,782	0.36
Duplex/Triplex	748	321	0.43
Condominium Units	737	50	0.27
Multi-Family	n.a.	1,881	n.a.
Mobile Homes	n.a.	380	n.a.
Total	n.a.	15,414	n.a.

Note: Resident K-12 enrollment by address is slightly lower than the fall headcount of 15,561 with charters because some addresses cannot be plotted

Source: Pueblo County Geographic Information System and District Student Information System

- *Newer single-family detached units yield more students per unit than older single-family detached units.*

Unlike, most other school districts, in District #60, there is very little difference in yield per unit by age of unit. Regardless of when the unit was built, the yields hover around 0.36. This lack of variation in yields most likely results from the preponderance of units built before 1970.

DISTRICT #60 WITH CHARTERS SINGLE-FAMILY DETACHED RESIDENT STUDENT YIELD BY YEAR BUILT			
Year Built	Units	Resident K-12	
		#	Yield
Pre 1950	12,848	4,442	0.35
1950-69	11,207	3,879	0.35
1970-89	5,468	2,097	0.38
1990 or later	6,353	2,364	0.37
Total	35,876	12,782	0.36

Source: Pueblo County Geographic Information System and District Student Information System

- *As single-family detached units sell (turnover), student yield usually increases in the newer units. In older units, yield is likely to decrease.*

In District #60, newly built single-family detached units have a per unit student yield of 0.19, a very low yield, and well below the yield of existing units. Furthermore, the difference in yields between existing units that sold recently and ones that did not is almost nonexistent. Therefore, changes in the housing stock and sales of units have very little effect on enrollment in District #60 schools (with charters).

DISTRICT #60 WITH CHARTERS SINGLE-FAMILY DETACHED UNITS BY SALES STATUS (Sold January 1, 2015 to June 30, 2017)		
Status	Units	K-12 Yield
New*	272	0.19
Existing	35,604	
Not Sold	32,622	0.36
Sold	2,982	0.37
Total	35,876	0.36

*Built January 1, 2015-June 30, 2017

Source: Pueblo County Geographic Information System and District Student Information System

- *The market value of single-family detached units affects the school age child per unit yield. Moderately priced to higher priced units yield more school age children than the lowest priced units.*

Again, District #60 is different from other school districts. In District #60, the lowest yield per unit of public school students comes from the most expensive single-family detached units, that is, from units valued at \$200,000 or more. There is very little difference in yield in units valued at less than \$200,000.

DISTRICT #60 WITH CHARTERS SINGLE-FAMILY DETACHED RESIDENT STUDENT YIELD BY MARKET VALUE			
Estimated Market Value	Single-Family Units	Resident K-12	
		#	Yield
\$99,000 or less	19,370	7,058	0.36
\$100,000-\$199,000	13,797	4,880	0.35
\$200,000 or more	2,709	844	0.31
Total	35,876	12,782	0.36

Source: Pueblo County Geographic Information System and District Student Information System

- As the population ages, more dwelling units are being built for mature adults (55+ years) and for seniors. These units will have zero school age children per unit.

Currently, 46 percent of the district's single-family detached units contain at least one person age 55 or older, while 20 percent of single-family detached units contain a District #60 student (with charters).

Looking further at the age of at least one adult in single-family detached units shows that 10,090 (28.1 percent) have at least one person age 65 or above. Thirteen (12.8) percent of single-family units (4,605) have at least one person age 75 or above. Nearly five (4.5) percent of single-family detached units (1,599) have at least one person 85 years of age or above. These percentages suggest that advanced age will influence turnover of single-family housing units in the next ten years.

DISTRICT #60 WITH CHARTERS SINGLE-FAMILY DETACHED HOMES WITH PUBLIC SCHOOL K-12 STUDENTS OR REGISTERED VOTERS AGE 55+					
Attendance Area	Single-Family Detached	With K-12 District #60 Public School Students	Percentage with K-12 District #60 Public School Students	With Registered Voter 55+	Percentage with Registered Voter 55+
District-wide	35,876	7,185	20%	16,505	46%

Source: Pueblo County Geographic Information System and District Student Information System

The next table provides information on the component parts of the district. Note how K-12 student yield varies by municipality with the highest per single-family detached unit yields in Pueblo City. The units with the highest median value are in the Pueblo County portion of the District.

DISTRICT #60 RESIDENT STUDENT YIELD BY MINOR CIVIL DIVISION				
Minor Civil Division	Single-Family Detached Homes	Median Value of Single-Family Detached Homes	K-12 Students	K-12 Student Yield
Blende	2	\$115,403	0	0
Pueblo City	35,106	\$94,075	12,606	0.36
Pueblo County	537	\$127,253	117	0.22
Salt Creek	231	\$63,880	59	0.26
Total	35,876		12,782	0.36

Source: Pueblo County Geographic Information System and District Student Information System

SPECIAL POPULATIONS

This section of Chapter 5 focuses on several special populations that are subsets of District #60 enrollment (with charters). Some of these special populations experience changes in eligibility or funding that can affect the number of students served. This makes accurately projecting these populations difficult. The special populations covered in this chapter include Hispanic students, students who are not Hispanic, English Language Learners (ELL), and free and reduced lunch students. Basic data about these populations are in Appendix A.

The cohort survival method will be used to project the special student populations. The high kindergarten projections will be used for all the special population projections. Kindergarten will be allocated to each special population group based on the trend in that group's kindergarten share. Projecting future shares, however, is more complex than it might appear because shares have fluctuated in the past five years. For net migration, the survival rates based on the average of the past three years, which is the same as the district-wide high migration assumption, will be used for the special population projections.

Race/Ethnicity

For this analysis, students will be classified as Hispanic or Not-Hispanic. Hispanic enrollment decreased by 122 students or -1.1 percent in the past five years. During the same period, Not-Hispanic students decreased by 545 students or -10.2 percent. Natural decrease (smaller Kindergarten compared to the previous year's Grade 12) as well as net out migration caused Not-Hispanic enrollment to decline faster. The number of Hispanic students was stable because kindergarten classes were larger than the previous years' Grade 12. However, the Hispanic student population also experienced net out migration. (See Appendix A)

DISTRICT #60 K-12 ENROLLMENT WITH CHARTERS BY RACE/ETHNICITY						
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Hispanic	11,379	11,742	11,872	11,850	11,574	11,257
Not Hispanic	5,350	5,265	5,116	4,935	4,928	4,805
Sum	16,729	17,007	16,988	16,785	16,502	16,062
District #60	16,688	17,007	16,988	16,785	16,460	16,059

Source: Pueblo City Schools. Excludes Early Childhood

The Hispanic share of kindergarten students fluctuated but has trended down and is lower today than it was five years ago. Given the recent fluctuations in the Hispanic kindergarten, its share will be held at 65 percent during the projection period. Survival rates were based on the average of the past three years for both Hispanic and Not-Hispanic students.

KINDERGARTEN SHARE BY RACE/ETHNICITY		
Historic Shares	Hispanic	Not Hispanic
2012-13	71.0%	29.0%
2013-14	70.2%	29.8%
2014-15	72.2%	26.3%
2015-16	73.7%	26.3%
2016-17	69.8%	30.2%
2017-18	64.6%	35.4%
Projected Shares		
2018-19	65.0%	35.0%
2019-20	65.0%	35.0%
2020-21	65.0%	35.0%
2021-22	65.0%	35.0%
2022-23	65.0%	35.0%

The sum of the two kindergarten classes always equals the District #60 (with charters) high kindergarten projection. Other grades, however, were not controlled to the district-wide total for that grade. In 2022-23, the sum of the Hispanic and Not-Hispanic student projections is only 11 students higher than the high kindergarten/high migration district-wide total of 15,078. Changes in kindergarten shares could change these projections as could changes in the migration rates.

As the following table shows, Hispanic enrollment decreases -9.7 percent and its share of enrollment decreases from 70.1 percent to 68.0 percent. Not-Hispanic enrollment is projected to increase 0.5 percent. In 2022-23, 32.0 percent of the students in District #60 (with charters) are projected to be Not-Hispanic.

RACE/ETHNICITY WITH CHARTERS		
	Hispanic	Not Hispanic
2017-18	11,257	4,805
2022-23	10,259	4,830
Change		
2012-13 to 2017-18	-1.1%	-10.2%
2017-18 to 2022-23	-8.9%	0.5%
Percent Distribution		
2017-18	70.1%	29.9%
2022-23	68.0%	32.0%

Free/Reduced Meals

The free/reduced meals population increased by 2.0 percent in the past five years. This population began to increase in 2014-15 but is slightly smaller today.

DISTRICT #60 K-12 ENROLLMENT WITH CHARTERS BY FREE AND REDUCED MEALS						
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Students	11,777	11,772	12,228	11,525	12,787	12,012

Source: Pueblo City Schools. Excludes Early Childhood

The free/reduced meals share of kindergarten fluctuated in the past five years but appears to be trending down. Considering this pattern, future shares will be set at 70 percent. Projections based on the high kindergarten/high migration assumption show a declining free/reduced meals eligible population. This seems reasonable given the projected decline in total enrollment. The percentage of the free/reduced meal population decreases from 74.8 to 73.4.

KINDERGARTEN SHARE OF FREE/REDUCED MEALS	
Historic Shares	
2012-13	76.8%
2013-14	75.3%
2014-15	79.6%
2015-16	76.0%
2016-17	82.1%
2017-18	69.1%
Projected Shares	
2018-19	70.0%
2019-20	70.0%
2020-21	70.0%
2021-22	70.0%
2022-23	70.0%

FREE/REDUCED MEALS	
2017-18	12,012
2022-23	11,070
Change	
2012-13 to 2017-18	2.0%
2017-18 to 2022-23	-7.8%
Percent Distribution	
2017-18	74.8%
2022-23	73.4%

English Language Learners (ELL)

English Language Learners decreased -15.2 percent in the past five years. The change in this population by grade suggests that either funding changed, or students were assessed as proficient. There is a notable decrease in ELL students after Grade 5.

DISTRICT #60 K-12 ENROLLMENT BY ENGLISH LANGUAGE LEARNERS WITH CHARTERS						
	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Students	1,148	1,143	1,079	1,074	1,028	974

Source: Pueblo City Schools. Excludes Early Childhood Source

The ELL share of kindergarten trended down in the past five years. For projections, the kindergarten share will be set at 3.5 percent. This population is projected to decrease, which is logical given current policy regarding immigration.

KINDERGARTEN SHARE OF ELL STUDENTS	
Historic Shares	
2012-13	7.6%
2013-14	7.3%
2014-15	5.8%
2015-16	5.1%
2016-17	5.4%
2017-18	3.4%
Projected Shares	
2018-19	3.5%
2019-20	3.5%
2020-21	3.5%
2021-22	3.5%
2022-23	3.5%

ENGLISH LANGUAGE LEARNERS	
2017-18	974
2022-23	619
Change	
2012-13 to 2017-18	-15.2%
2017-18 to 2022-23	-36.4%
Percent Distribution	
2017-18	6.1%
2022-23	4.1%

DISTRICT #60 K-12 ENROLLMENT WITH CHARTERS						
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Hispanic	11,257	11,002	10,769	10,541	10,370	10,259
Not Hispanic	4,805	4,771	4,758	4,755	4,800	4,830
Sum	16,062	15,773	15,527	15,296	15,170	15,089
District-wide	16,059	15,772	15,520	15,279	15,151	15,078
Difference		+1	+7	+17	+19	+11
Free/Reduced Meals	12,012	11,830	11,642	11,411	11,224	11,070
ELL	974	890	809	730	665	619

Excludes Early Childhood

APPENDIX A

PUEBLO DISTRICT #60 WITH CHARTERS

RACE/ETHNICITY

HISPANIC ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	1,043	1,263	1,085	1,040	952	851
1	1,014	1,025	1,226	1,076	1,009	938
2	976	1,002	1,019	1,158	1,030	969
3	888	949	970	994	1,135	991
4	918	896	933	963	976	1,116
5	946	906	879	943	932	971
6	940	901	848	831	872	850
7	867	914	872	819	776	827
8	848	854	892	833	788	735
9	809	853	878	915	861	809
10	781	774	825	825	816	784
11	659	685	697	737	727	729
12	690	720	748	716	700	687
Total	11,379	11,742	11,872	11,850	11,574	11,257

HISPANIC ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	-61	-108	-99	-149	-117
6-8	-84	-109	-116	-157	-168
9-12	-65	-18	-99	-206	-183
Total	-210	-235	-314	-512	-468

HISPANIC ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	-18	-37	-9	-31	-14
1 to 2	-12	-6	-68	-46	-40
2 to 3	-27	-32	-25	-23	-39
3 to 4	8	-16	-7	-18	-19
4 to 5	-12	-17	10	-31	-5
5 to 6	-45	-58	-48	-71	-82
6 to 7	-26	-29	-29	-55	-45
7 to 8	-13	-22	-39	-31	-41
8 to 9	5	24	23	28	21
9 to 10	-35	-28	-53	-99	-77
10 to 11	-96	-77	-88	-98	-87
11 to 12	61	63	19	-37	-40
Total	-210	-235	-314	-512	-468

HISPANIC ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	0.983	0.971	0.992	0.970	0.985
1 to 2	0.988	0.994	0.945	0.957	0.960
2 to 3	0.972	0.968	0.975	0.980	0.962
3 to 4	1.009	0.983	0.993	0.982	0.983
4 to 5	0.987	0.981	1.011	0.968	0.995
5 to 6	0.952	0.936	0.945	0.925	0.912
6 to 7	0.972	0.968	0.966	0.934	0.948
7 to 8	0.985	0.976	0.955	0.962	0.947
8 to 9	1.006	1.028	1.026	1.034	1.027
9 to 10	0.957	0.967	0.940	0.892	0.911
10 to 11	0.877	0.901	0.893	0.881	0.893
11 to 12	1.093	1.092	1.027	0.950	0.945

NOT HISPANIC ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	429	535	418	371	411	457
1	419	421	522	387	392	420
2	417	401	413	503	371	362
3	413	402	398	413	500	367
4	402	385	393	394	407	459
5	422	392	376	380	386	389
6	338	370	325	323	318	328
7	346	324	350	299	318	303
8	361	314	314	337	304	320
9	415	412	376	364	390	348
10	406	414	403	372	358	343
11	456	390	393	388	345	330
12	526	505	435	404	428	379
Total	5,350	5,265	5,116	4,935	4,928	4,805

NOT HISPANIC ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	-79	-42	-67	-12	-84
6-8	-98	-97	-92	-62	-71
9-12	83	77	42	60	3
Total	-94	-62	-117	-14	-152

NOT HISPANIC ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	-8	-13	-31	21	9
1 to 2	-18	-8	-19	-16	-30
2 to 3	-15	-3	0	-3	-4
3 to 4	-28	-9	-4	-6	-41
4 to 5	-10	-9	-13	-8	-18
5 to 6	-52	-67	-53	-62	-58
6 to 7	-14	-20	-26	-5	-15
7 to 8	-32	-10	-13	5	2
8 to 9	51	62	50	53	44
9 to 10	-1	-9	-4	-6	-47
10 to 11	-16	-21	-15	-27	-28
11 to 12	49	45	11	40	34
Total	-94	-62	-117	-14	-152

NOT HISPANIC ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	0.981	0.976	0.926	1.057	1.022
1 to 2	0.957	0.981	0.964	0.959	0.923
2 to 3	0.964	0.993	1.000	0.994	0.989
3 to 4	0.932	0.978	0.990	0.985	0.918
4 to 5	0.975	0.977	0.967	0.980	0.956
5 to 6	0.877	0.829	0.859	0.837	0.850
6 to 7	0.959	0.946	0.920	0.985	0.953
7 to 8	0.908	0.969	0.963	1.017	1.006
8 to 9	1.141	1.197	1.159	1.157	1.145
9 to 10	0.998	0.978	0.989	0.984	0.879
10 to 11	0.961	0.949	0.963	0.927	0.922
11 to 12	1.107	1.115	1.028	1.103	1.099

ENGLISH LANGUAGE LEARNERS

ELL ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	111	132	87	72	74	45
1	129	109	138	98	89	73
2	146	130	119	142	108	85
3	103	145	126	120	147	105
4	119	102	129	120	116	142
5	107	106	92	128	116	116
6	107	92	83	73	91	79
7	78	86	74	74	52	81
8	81	66	61	73	54	46
9	67	64	51	59	63	59
10	46	51	47	45	54	61
11	25	36	37	36	38	41
12	29	24	35	34	26	41
Total	1,148	1,143	1,079	1,074	1,028	974

ELL ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	-16	-14	9	24	-13
6-8	-48	-66	-29	-78	-53
9-12	-44	-47	-22	-32	-7
Total	-108	-127	-42	-86	-73

ELL ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	-2	6	11	17	-1
1 to 2	1	10	4	10	-4
2 to 3	-1	-4	1	5	-3
3 to 4	-1	-16	-6	-4	-5
4 to 5	-13	-10	-1	-4	0
5 to 6	-15	-23	-19	-37	-37
6 to 7	-21	-18	-9	-21	-10
7 to 8	-12	-25	-1	-20	-6
8 to 9	-17	-15	-2	-10	5
9 to 10	-16	-17	-6	-5	-2
10 to 11	-10	-14	-11	-7	-13
11 to 12	-1	-1	-3	-10	3
Total	-108	-127	-42	-86	-73

ELL ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	0.982	1.045	1.126	1.236	0.986
1 to 2	1.008	1.092	1.029	1.102	0.955
2 to 3	0.993	0.969	1.008	1.035	0.972
3 to 4	0.990	0.890	0.952	0.967	0.966
4 to 5	0.891	0.902	0.992	0.967	1.000
5 to 6	0.860	0.783	0.793	0.711	0.681
6 to 7	0.804	0.804	0.892	0.712	0.890
7 to 8	0.846	0.709	0.986	0.730	0.885
8 to 9	0.790	0.773	0.967	0.863	1.093
9 to 10	0.761	0.734	0.882	0.915	0.968
10 to 11	0.783	0.725	0.766	0.844	0.759
11 to 12	0.960	0.972	0.919	0.722	1.079

FREE/REDUCED LUNCH

FREE/REDUCED LUNCH ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	1,129	1,354	1,196	1,072	1,119	911
1	1,074	1,095	1,384	1,113	1,177	1,068
2	1,064	1,053	1,111	1,239	1,163	1,076
3	1,001	1,000	1,027	1,046	1,326	1,061
4	981	949	1,010	995	1,117	1,213
5	1,017	927	946	939	1,045	1,034
6	978	950	909	879	998	905
7	913	931	952	815	899	906
8	850	819	894	829	885	842
9	815	816	814	792	925	858
10	729	721	737	662	799	789
11	598	577	631	590	679	696
12	628	580	617	554	655	653
Total	11,777	11,772	12,228	11,525	12,787	12,012

FREE/REDUCED LUNCH ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	-225	27	-396	363	-450
6-8	-208	-53	-284	149	-289
9-12	-298	-134	-478	185	-292
Total	-731	-160	-1,158	697	-1,031

FREE/REDUCED LUNCH ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	-34	30	-83	105	-51
1 to 2	-21	16	-145	50	-101
2 to 3	-64	-26	-65	87	-102
3 to 4	-52	10	-32	71	-113
4 to 5	-54	-3	-71	50	-83
5 to 6	-67	-18	-67	59	-140
6 to 7	-47	2	-94	20	-92
7 to 8	-94	-37	-123	70	-57
8 to 9	-34	-5	-102	96	-27
9 to 10	-94	-79	-152	7	-136
10 to 11	-152	-90	-147	17	-103
11 to 12	-18	40	-77	65	-26
Total	-731	-160	-1,158	697	-1,031

FREE/REDUCED LUNCH ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	0.970	1.022	0.931	1.098	0.954
1 to 2	0.980	1.015	0.895	1.045	0.914
2 to 3	0.940	0.975	0.941	1.070	0.912
3 to 4	0.948	1.010	0.969	1.068	0.915
4 to 5	0.945	0.997	0.930	1.050	0.926
5 to 6	0.934	0.981	0.929	1.063	0.866
6 to 7	0.952	1.002	0.897	1.023	0.908
7 to 8	0.897	0.960	0.871	1.086	0.937
8 to 9	0.960	0.994	0.886	1.116	0.969
9 to 10	0.885	0.903	0.813	1.009	0.853
10 to 11	0.791	0.875	0.801	1.026	0.871
11 to 12	0.970	1.069	0.878	1.110	0.962

APPENDIX B

PUEBLO CITY SCHOOLS

QUADRANTS

NORTH QUADRANT ENROLLMENT HISTORY PUEBLO CITY SCHOOLS						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	185	240	206	195	152	161
1	141	184	225	187	183	149
2	164	152	182	217	167	155
3	150	178	162	168	208	166
4	151	144	160	156	185	197
5	159	145	143	150	146	164
6	121	144	115	123	108	103
7	115	116	128	90	94	85
8	108	122	112	120	92	82
9	340	313	343	348	303	311
10	341	327	290	322	336	303
11	268	318	302	289	285	306
12	298	296	337	309	281	276
Total	2,541	2,679	2,705	2,674	2,540	2,458

NORTH QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	12	-26	-57	-34	-64
6-8	-13	-50	-53	-69	-78
9-12	197	192	221	126	180
Total	196	116	111	23	38

NORTH QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	-1	-15	-19	-12	-3
1 to 2	11	-2	-8	-20	-28
2 to 3	14	10	-14	-9	-1
3 to 4	-6	-18	-6	17	-11
4 to 5	-6	-1	-10	-10	-21
5 to 6	-15	-30	-20	-42	-43
6 to 7	-5	-16	-25	-29	-23
7 to 8	7	-4	-8	2	-12
8 to 9	205	221	236	183	219
9 to 10	-13	-23	-21	-12	0
10 to 11	-23	-25	-1	-37	-30
11 to 12	28	19	7	-8	-9
Total	196	116	111	23	38

NORTH QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	0.995	0.938	0.908	0.938	0.980
1 to 2	1.078	0.989	0.964	0.893	0.947
2 to 3	1.085	1.066	0.923	0.959	0.994
3 to 4	0.960	0.899	0.9*63	1.101	0.947
4 to 5	0.960	0.993	0.938	0.936	0.886
5 to 6	0.906	0.793	0.860	0.720	0.705
6 to 7	0.959	0.889	0.783	0.764	0.787
7 to 8	1.061	0.966	0.938	1.022	0.872
8 to 9	2.898	2.811	3.107	2.525	3.380
9 to 10	0.962	0.927	0.939	0.966	1.000
10 to 11	0.933	0.924	0.997	0.885	0.911
11 to 12	1.104	1.060	1.023	0.972	0.968

CENTRAL QUADRANT ENROLLMENT HISTORY PUEBLO CITY SCHOOLS						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	314	370	296	287	239	253
1	285	276	343	271	265	225
2	288	288	279	299	258	230
3	237	243	261	268	297	225
4	324	341	349	358	368	347
5	337	322	302	344	342	343
6	356	308	299	216	139	145
7	167	181	184	164	144	130
8	173	155	174	158	145	135
9	204	194	185	187	275	210
10	189	206	213	178	190	246
11	235	158	207	192	161	181
12	241	268	207	203	188	149
Total	3,350	3,310	3,299	3,125	3,011	2,819

CENTRAL QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	22	16	12	47	-57
6-8	-216	-154	-247	-296	-215
9-12	25	96	-19	99	15
Total	-169	-39	-254	-150	-257

CENTRAL QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	-38	-27	-25	-22	-14
1 to 2	3	3	-44	-13	-35
2 to 3	-45	-27	-11	-2	-33
3 to 4	104	106	97	100	50
4 to 5	-2	-39	-5	-16	-25
5 to 6	-29	-23	-86	-205	-197
6 to 7	-175	-124	-135	-72	-9
7 to 8	-12	-7	-26	-19	-9
8 to 9	21	30	13	117	65
9 to 10	2	16	-7	3	-29
10 to 11	-31	1	-21	-17	-9
11 to 12	33	49	-4	-4	-12
Total	-169	-39	-254	-150	-257

CENTRAL QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	0.879	0.927	0.916	0.923	0.941
1 to 2	1.011	1.011	0.872	0.952	0.868
2 to 3	0.844	0.906	0.961	0.993	0.872
3 to 4	1.439	1.436	1.372	1.373	1.168
4 to 5	0.994	0.886	0.986	0.955	0.932
5 to 6	0.914	0.929	0.715	0.404	0.424
6 to 7	0.508	0.597	0.548	0.667	0.935
7 to 8	0.928	0.961	0.859	0.884	0.938
8 to 9	1.121	1.194	1.075	1.741	1.448
9 to 10	1.010	1.098	0.962	1.016	0.895
10 to 11	0.836	1.005	0.901	0.904	0.953
11 to 12	1.140	1.310	0.981	0.979	0.925

EAST QUADRANT ENROLLMENT HISTORY PUEBLO CITY SCHOOLS						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	466	580	503	444	481	450
1	467	481	590	499	475	460
2	481	441	487	563	477	456
3	460	471	442	471	559	450
4	365	363	368	314	362	457
5	378	364	375	362	327	351
6	353	369	346	378	376	322
7	371	377	390	351	348	334
8	388	367	378	367	335	333
9	265	320	320	297	333	276
10	233	265	320	317	273	284
11	221	204	252	296	284	247
12	245	235	238	254	276	283
Total	4,693	4,837	5,009	4,913	4,906	4,703

EAST QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	-119	-74	-181	-91	-180
6-8	11	4	-15	-32	-62
9-12	-83	-26	-106	-11	-135
Total	-191	-96	-302	-234	-377

EAST QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	15	10	-4	31	-21
1 to 2	-26	6	-27	-22	-19
2 to 3	-10	1	-16	-4	-27
3 to 4	-97	-103	-128	-109	-102
4 to 5	-1	12	-6	13	-11
5 to 6	-9	-18	3	14	-5
6 to 7	24	21	5	-30	-42
7 to 8	-4	1	-23	-16	-15
8 to 9	-68	-47	-81	-34	-59
9 to 10	0	0	-3	-24	-49
10 to 11	-29	-13	-24	-33	-26
11 to 12	14	34	2	-20	-1
Total	-191	-96	-302	-234	-377

EAST QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	1.032	1.017	0.992	1.070	0.956
1 to 2	0.944	1.012	0.954	0.956	0.960
2 to 3	0.979	1.002	0.967	0.993	0.943
3 to 4	0.789	0.781	0.710	0.769	0.818
4 to 5	0.997	1.033	0.984	1.041	0.970
5 to 6	0.976	0.951	1.008	1.039	0.985
6 to 7	1.068	1.057	1.014	0.921	0.888
7 to 8	0.989	1.003	0.941	0.954	0.957
8 to 9	0.825	0.872	0.786	0.907	0.824
9 to 10	1.000	1.000	0.991	0.919	0.853
10 to 11	0.876	0.951	0.925	0.896	0.905
11 to 12	1.063	1.167	1.008	0.932	0.996

SOUTH QUADRANT ENROLLMENT HISTORY PUEBLO CITY SCHOOLS						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	343	444	354	349	347	318
1	382	352	442	357	354	361
2	318	375	340	433	349	351
3	322	324	363	348	427	348
4	347	307	320	384	318	422
5	337	344	323	342	371	345
6	294	310	292	308	436	462
7	388	416	375	382	372	438
8	382	372	397	380	384	368
9	311	357	348	366	269	292
10	336	305	333	322	311	230
11	318	322	278	300	295	267
12	357	371	337	304	299	285
Total	4,435	4,599	4,502	4,575	4,532	4,487

SOUTH QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K-5	-10	-14	45	-52	32
6-8	79	-6	80	160	89
9-12	8	-60	-64	-194	-185
Total	77	-80	61	-86	-64

SOUTH QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	9	-2	3	5	14
1 to 2	-7	-12	-9	-8	-3
2 to 3	6	-12	8	-6	-1
3 to 4	-15	-4	21	-30	-5
4 to 5	-3	16	22	-13	27
5 to 6	-27	-52	-15	94	91
6 to 7	122	65	90	64	2
7 to 8	-16	-19	5	2	-4
8 to 9	-25	-24	-31	-111	-92
9 to 10	-6	-24	-26	-55	-39
10 to 11	-14	-27	-33	-27	-44
11 to 12	53	15	26	-1	-10
Total	77	-80	61	-86	-64

SOUTH QUADRANT ENROLLMENT OCTOBER TO OCTOBER					
	12 to 13	13 to 14	14 to 15	15 to 16	16 to 17
K to 1	1.026	0.995	1.008	1.014	1.040
1 to 2	0.982	0.966	0.980	0.978	0.992
2 to 3	1.019	0.968	1.024	0.986	0.997
3 to 4	0.953	0.988	1.058	0.914	0.988
4 to 5	0.991	1.052	1.069	0.966	1.085
5 to 6	0.920	0.849	0.954	1.275	1.245
6 to 7	1.415	1.210	1.308	1.208	1.005
7 to 8	0.959	0.954	1.013	1.005	0.989
8 to 9	0.935	0.935	0.922	0.708	0.760
9 to 10	0.981	0.933	0.925	0.850	0.855
10 to 11	0.958	0.911	0.901	0.916	0.859
11 to 12	1.167	1.047	1.094	0.997	0.966

APPENDIX C

PUEBLO CITY SCHOOLS

BACA ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	48	73	50	36	52	35
1	51	47	69	54	43	47
2	52	44	54	67	43	43
3	40	49	40	51	72	48
4	41	42	44	47	56	71
5	45	35	41	46	49	50
6	21					
Total	298	290	298	301	315	294

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-1	-4	4	7	-5
1 to 2	-7	7	-2	-11	0
2 to 3	-3	-4	-3	5	5
3 to 4	2	-5	7	5	-1
4 to 5	-6	-1	2	2	-6
Total	-15	-7	8	8	-7

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2018-19
K to 1	0.979	0.945	1.080	1.194	0.904
1 to 2	0.863	1.149	0.971	0.796	1.000
2 to 3	0.942	0.909	0.944	1.075	1.116
3 to 4	1.050	0.898	1.175	1.098	0.986
4 to 5	0.854	0.976	1.045	1.043	0.893

PUEBLO CITY SCHOOLS

BELMONT ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-1835
K	67	88	81	66	84	74
1	62	78	103	84	69	87
2	71	67	81	106	82	72
3	79	74	71	86	100	83
4	73	83	79	65	84	103
5	83	77	80	76	66	79
Total	435	467	495	483	485	498

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	11	15	3	3	3
1 to 2	5	3	3	-2	3
2 to 3	3	4	5	-6	1
3 to 4	4	5	-6	-2	3
4 to 5	4	-3	-3	1	-5
Total	27	24	2	-6	5

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.164	1.170	1.037	1.045	1.036
1 to 2	1.081	1.038	1.029	0.976	1.043
2 to 3	1.042	1.060	1.062	0.943	1.012
3 to 4	1.051	1.068	0.915	0.977	1.030
4 to 5	1.055	0.964	0.962	1.015	0.940

PUEBLO CITY SCHOOLS

BESSEMER ACADEMY ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	42	62	54	55	39	48
1	62	45	60	46	43	31
2	69	65	61	53	34	32
3	50	53	49	59	45	27
4	48	41	52	46	50	37
5	57	52	37	61	41	42
6	51	47	45	36		
7	29	30	44	19		
8	29	29	28	33		
Total	437	424	430	408	252	217

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	3	-2	-8	-12	-8
1 to 2	3	16	-7	-12	-11
2 to 3	-16	-16	-2	-8	-7
3 to 4	-9	-1	-3	-9	-8
4 to 5	4	-4	9	-5	-8
5 to 6	-10	-7	-1		
6 to 7	-21	-3	-26		
7 to 8	0	-2	-11		
Total	-46	-19	-49	-46	-42

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.071	0.968	0.852	0.782	0.795
1 to 2	1.048	1.356	0.883	0.739	0.744
2 to 3	0.768	0.754	0.967	0.849	0.794
3 to 4	0.820	0.981	0.939	0.847	0.822
4 to 5	1.083	0.902	1.173	0.891	0.840
5 to 6	0.825	0.865	0.973		
6 to 7	0.588	0.936	0.42		
7 to 8	1.000	0.933	0.750		

PUEBLO CITY SCHOOLS

BEULAH HEIGHTS ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	67	77	66	71	69	41
1	66	72	72	57	59	70
2	39	47	76	75	52	56
3	54	41	48	67	73	49
4	54	45	43	55	53	66
5	37	53	40	40	52	62
Total	317	335	345	365	358	344

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	5	-5	-9	-12	1
1 to 2	-19	4	3	-5	-3
2 to 3	2	1	-9	-2	-3
3 to 4	-9	2	7	-14	-7
4 to 5	-1	-5	-3	-3	9
Total	-22	-3	-11	-36	-3

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.075	0.935	0.864	0.831	1.014
1 to 2	0.712	1.056	1.042	0.912	0.949
2 to 3	1.051	1.021	0.882	0.973	0.942
3 to 4	0.833	1.049	1.146	0.791	0.904
4 to 5	0.981	0.889	0.930	0.945	1.170

PUEBLO CITY SCHOOLS

BRADFORD ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	84	94	84	64	57	65
1	51	60	83	80	59	52
2	53	50	62	67	59	57
3	47	44	42	55	74	52
4	51	47	44	41	48	66
5	52	50	51	41	37	48
Total	338	345	366	348	334	340

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-24	-11	-4	-5	-5
1 to 2	-1	2	-16	-21	-2
2 to 3	-9	-8	-7	7	-7
3 to 4	0	0	-1	-7	-8
4 to 5	-1	4	-3	-4	0
Total	-35	-13	-31	-30	-22

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	0.714	0.883	0.952	0.922	0.912
1 to 2	0.980	1.033	0.807	0.738	0.966
2 to 3	0.830	0.840	0.887	1.104	0.881
3 to 4	1.000	1.000	0.976	0.873	0.892
4 to 5	0.980	1.085	0.932	0.902	1.000

PUEBLO CITY SCHOOLS

CARLILE ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	48	69	51	49	31	37
1	57	39	71	43	47	31
2	44	52	35	58	41	45
3	42	37	48	34	54	38
4	35	38	36	46	33	51
5	46	33	25	33	49	32
6	35	23	17	16		
Total	307	291	283	279	255	234

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-9	2	-8	-2	0
1 to 2	-5	-4	-13	-2	-2
2 to 3	-7	-4	-1	-4	-3
3 to 4	-4	-1	-2	-1	-3
4 to 5	-2	-13	-3	3	-1
5 to 6	-23	-16	-9		
Total	-50	-36	-36	-6	-9

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	0.813	1.029	0.843	0.959	1.000
1 to 2	0.912	0.897	0.817	0.953	0.957
2 to 3	0.841	0.923	0.971	0.931	0.927
3 to 4	0.905	0.973	0.958	0.971	0.944
4 to 5	0.943	0.658	0.917	1.065	0.970
5 to 6	0.500	0.515	0.640		

PUEBLO CITY SCHOOLS

COLUMBIAN ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	77	86	62	58	55	54
1	60	61	77	60	55	50
2	58	59	61	62	60	47
3	44	49	54	44	67	46
4	39	49	50	49	47	54
5	44	41	41	41	48	45
6	39	38	23			
Total	361	383	368	314	332	296

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-16	-9	-2	-3	-5
1 to 2	-1	0	-15	0	-8
2 to 3	-9	-5	-17	5	-14
3 to 4	5	1	-5	3	-13
4 to 5	2	-8	-9	-1	-2
5 to 6	-6	-18			
Total	-25	-39	-48	4	-42

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	0.792	0.895	0.968	0.948	0.909
1 to 2	0.983	1.000	0.805	1.000	0.855
2 to 3	0.845	0.915	0.721	1.081	0.767
3 to 4	1.114	1.020	0.907	1.068	0.806
4 to 5	1.051	0.837	0.820	0.980	0.957
5 to 6	0.864	0.561			

PUEBLO CITY SCHOOLS

FOUNTAIN INTERNATIONAL MAGNET ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	98	100	98	100	99	104
1	99	99	100	100	100	95
2	98	99	97	100	99	98
3	100	98	99	100	102	95
Total	395	396	394	400	400	392

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	+1	0	2	0	-4
1 to 2	0	-2	0	-1	-2
2 to 3	0	0	3	2	-4
Total	0	-2	5	1	-10

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.010	1.000	1.020	1.000	0.960
1 to 2	1.000	0.980	1.000	0.990	0.980
2 to 3	1.000	1.000	1.031	1.020	0.960

PUEBLO CITY SCHOOLS

FRANKLIN SCHOOL OF INNOVATION

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	62	88	63	53	63	63
1	72	75	81	61	71	59
2	67	54	71	74	71	62
3	71	67	63	58	69	60
4	74	71	64	52	45	72
5	79	74	77	61	53	46
Total	425	429	419	359	372	362

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	13	-7	-2	18	-4
1 to 2	-18	-4	-7	10	-9
2 to 3	0	9	-13	-5	-11
3 to 4	0	-3	-11	-13	3
4 to 5	0	6	-3	1	1
Total	-5	1	-36	11	-20

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.210	0.920	0.968	1.340	0.937
1 to 2	0.750	0.947	0.914	1.164	0.873
2 to 3	1.000	1.167	0.817	0.932	0.845
3 to 4	1.000	0.955	0.825	0.776	1.043
4 to 5	1.000	1.085	0.953	1.019	1.022

PUEBLO CITY SCHOOLS

HAAFF ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	54	53	45	51	51	47
1	47	50	67	53	46	43
2	49	47	49	67	51	47
3	45	48	46	54	61	48
4	46	46	48	43	55	67
5	48	50	49	51	46	56
6	15	9				
Total	304	303	304	319	310	308

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-4	14	8	-5	-8
1 to 2	0	-1	0	-2	1
2 to 3	-1	-1	5	-6	-3
3 to 4	1	0	-3	1	6
4 to 5	4	3	3	3	1
5 to 6	-39				
Total	-39	15	13	-9	-3

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	0.926	1.264	1.178	0.902	0.843
1 to 2	1.000	0.980	1.000	0.962	1.022
2 to 3	0.980	0.979	1.102	0.910	0.941
3 to 4	1.022	1.000	0.935	1.019	1.098
4 to 5	1.087	1.065	1.063	1.070	1.018
5 to 6	0.188				

PUEBLO CITY SCHOOLS

HERITAGE ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	71	74	57	62	57	59
1	56	70	74	52	67	57
2	54	57	63	63	51	65
3	55	56	58	66	65	54
4	47	53	54	48	65	55
5	46	49	44	58	49	61
6	35	24	40	20		
Total	364	383	390	369	354	351

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-1	0	-5	5	0
1 to 2	1	-7	-11	-1	-2
2 to 3	2	1	3	2	3
3 to 4	-2	-2	-10	-1	-10
4 to 5	2	-9	4	1	-4
5 to 6	-22	-9	-24		
Total	-20	-26	-43	6	-13

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	0.986	1.000	0.912	1.081	1.000
1 to 2	1.018	0.900	0.851	0.981	0.970
2 to 3	1.037	1.018	1.048	1.032	1.059
3 to 4	0.964	0.964	0.828	0.985	0.846
4 to 5	1.043	0.830	1.074	1.021	0.938
5 to 6	0.522	0.816	0.455		

PUEBLO CITY SCHOOLS

HIGHLAND PARK ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	76	106	81	88	76	84
1	87	80	97	85	93	88
2	76	92	86	91	88	90
3	82	74	87	89	90	88
4	89	80	77	90	75	92
5	80	82	81	87	87	83
6	59	42	36	45		
Total	549	556	545	575	509	525

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	4	-9	4	5	12
1 to 2	5	6	-6	3	-3
2 to 3	-2	-5	3	-1	0
3 to 4	-2	3	3	-14	2
4 to 5	-7	1	10	-3	8
5 to 6	-38	-46	-36		
Total	-40	-50	-22	-10	19

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.053	0.915	1.049	1.057	1.158
1 to 2	1.057	1.075	0.938	1.035	0.968
2 to 3	0.974	0.946	1.035	0.989	1.000
3 to 4	0.976	1.041	1.034	0.843	1.022
4 to 5	0.921	1.013	1.130	0.967	1.107
5 to 6	0.525	0.439	0.556		

PUEBLO CITY SCHOOLS

IRVING ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	60	59	56	63	52	60
1	35	54	55	56	59	48
2	41	37	51	55	46	52
3	38	45	36	42	53	41
4	35	34	32	35	45	50
5	43	36	31	29	36	40
6	17	30	24	25	23	
Total	269	295	285	305	314	291

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-6	-4	0	-4	-4
1 to 2	2	-3	0	-10	-7
2 to 3	4	-1	-9	-2	-5
3 to 4	-4	-13	-1	3	-3
4 to 5	1	-3	-3	1	-5
5 to 6	-13	-12	-6	-6	
Total	-16	-36	-19	-18	-24

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	0.900	0.932	1.000	0.937	0.923
1 to 2	1.057	0.944	1.000	0.821	0.881
2 to 3	1.098	0.973	0.824	0.964	0.891
3 to 4	0.895	0.711	0.972	1.071	0.943
4 to 5	1.029	0.912	0.906	1.029	0.889
5 to 6	0.698	0.667	0.806	0.793	

PUEBLO CITY SCHOOLS

MINNEQUA ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	76	79	72	63	57	55
1	50	61	61	70	53	56
2	63	55	59	63	72	41
3	46	48	52	65	66	60
4	41	46	42	57	63	59
5	37	36	42	38	43	58
6	47	32	29	23		
Total	360	357	357	379	354	329

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-15	-18	-2	-10	-1
1 to 2	5	-2	2	2	-12
2 to 3	-15	-3	6	3	-12
3 to 4	0	-6	5	-2	-7
4 to 5	-5	-4	-4	-14	-5
5 to 6	-5	-7	-19		
Total	-35	-40	-12	-21	-37

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	0.803	0.772	0.972	0.841	0.982
1 to 2	1.100	0.967	1.033	1.029	0.774
2 to 3	0.762	0.945	1.102	1.048	0.833
3 to 4	1.000	0.875	1.096	0.969	0.894
4 to 5	0.878	0.913	0.905	0.754	0.921
5 to 6	0.865	0.806	0.548		

PUEBLO CITY SCHOOLS

MORTON ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	78	108	92	90	66	70
1	64	88	98	86	83	67
2	73	70	83	101	83	73
3	59	76	73	83	94	75
4	71	62	74	78	81	84
5	63	63	62	72	64	71
6	36	42	36	43		
Total	444	509	518	553	471	440

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	10	-10	-6	-7	1
1 to 2	6	-5	3	-3	-10
2 to 3	3	3	0	-7	-8
3 to 4	3	-2	5	-2	-10
4 to 5	-8	0	-2	-14	-10
5 to 6	-21	-27	-19		
Total	-7	-41	-19	-33	-37

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.128	0.907	0.935	0.922	1.015
1 to 2	1.094	0.943	1.031	0.965	0.880
2 to 3	1.041	1.043	1.000	0.931	0.904
3 to 4	1.051	0.974	1.068	0.976	0.894
4 to 5	0.887	1.000	0.973	0.821	0.877
5 to 6	0.667	0.571	0.694		

PUEBLO CITY SCHOOLS

PARK VIEW ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	53	84	82	74	75	62
1	85	72	87	67	87	77
2	91	80	73	82	72	77
3	78	91	81	67	81	64
4	80	74	89	66	74	78
5	71	78	77	87	76	72
Total	458	479	489	443	465	430

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	19	3	-15	13	2
1 to 2	-5	1	-5	5	-10
2 to 3	0	1	-6	-1	-8
3 to 4	-4	-2	-15	7	-3
4 to 5	-2	3	-2	10	-2
Total	8	6	-43	34	-21

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.358	1.036	0.817	1.176	1.027
1 to 2	0.941	1.014	0.943	1.075	0.885
2 to 3	1.000	1.013	0.918	0.988	0.889
3 to 4	0.949	0.978	0.815	1.104	0.963
4 to 5	0.975	1.041	0.978	1.152	0.973

PUEBLO CITY SCHOOLS

SOUTH PARK ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	46	73	45	46	58	55
1	49	37	68	47	50	52
2	42	55	26	69	42	44
3	47	43	50	30	73	39
4	44	43	42	50	31	65
5	47	49	46	47	42	30
Total	275	300	277	289	296	285

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-9	-5	2	4	-6
1 to 2	6	-11	1	-5	-6
2 to 3	1	-5	4	4	-3
3 to 4	-4	-1	0	1	-8
4 to 5	5	3	5	-8	-1
Total	-1	-19	12	-5	-24

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	0.804	0.932	1.044	1.087	0.897
1 to 2	1.122	0.703	1.015	0.894	0.880
2 to 3	1.024	0.909	1.154	1.058	0.929
3 to 4	0.915	0.977	1.000	1.033	0.890
4 to 5	1.114	1.070	1.119	0.840	0.968

PUEBLO CITY SCHOOLS

SUNSET PARK ELEMENTARY SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	73	94	82	62	73	63
1	78	78	92	78	64	75
2	79	81	74	83	81	70
3	70	78	80	78	80	80
4	61	72	73	82	69	84
5	66	62	60	72	84	69
6	31	19	23	17		
Total	458	484	484	472	451	441

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	5	-2	-4	2	2
1 to 2	3	-4	-9	3	6
2 to 3	-1	-1	4	-3	-1
3 to 4	2	-5	2	-9	4
4 to 5	1	-12	-1	2	0
5 to 6	-47	-39	-43		
Total	-37	-63	-51	-5	11

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.068	0.979	0.951	1.032	1.027
1 to 2	1.038	0.949	0.902	1.038	1.094
2 to 3	0.987	0.988	1.054	0.964	0.988
3 to 4	1.029	0.936	1.025	0.885	1.050
4 to 5	1.016	0.833	0.986	1.024	1.000
5 to 6	0.288	0.371	0.283		

PUEBLO CITY SCHOOLS

GOODNIGHT SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	81	94	80	82	71	75
1	102	85	113	90	88	76
2	82	100	78	115	86	91
3	69	88	98	84	111	92
4	99	67	85	107	90	115
5	107	98	73	96	106	101
6	87	91	71	53	80	49
7	30	28	27	27	34	53
8	44	27	27	24	28	31
Total	701	678	652	678	694	683

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	4	19	10	6	5
1 to 2	-2	-7	2	-4	3
2 to 3	6	-2	6	-4	6
3 to 4	-2	-3	9	6	4
4 to 5	-1	6	11	-1	11
5 to 6	-16	-27	-20	-16	-57
6 to 7	-59	-64	-44	-19	-27
7 to 8	-3	-1	-3	1	-3
Total	-73	-79	-29	-31	-58

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	1.049	1.202	1.125	1.073	1.070
1 to 2	0.980	0.918	1.018	0.956	1.034
2 to 3	1.073	0.980	1.077	0.965	1.070
3 to 4	0.971	0.966	1.092	1.071	1.036
4 to 5	0.990	1.090	1.129	0.991	1.122
5 to 6	0.850	0.724	0.726	0.833	0.462
6 to 7	0.322	0.297	0.380	0.642	0.663
7 to 8	0.900	0.964	0.889	1.037	0.912

PUEBLO CITY SCHOOLS

HEROES ACADEMY

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
K	47	73	58	42	34	31
1	42	42	72	45	41	34
2	50	45	48	61	38	30
3	53	57	53	43	61	50
4	45	48	54	43	59	63
5	53	46	50	49	46	53
6	68	72	55	55	85	103
7	115	116	128	90	94	85
8	108	122	112	120	92	82
Total	581	621	630	548	550	531

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	-5	-1	-13	-1	0
1 to 2	3	6	-11	-7	-11
2 to 3	7	8	-5	0	12
3 to 4	-5	-3	-10	16	2
4 to 5	1	2	-5	3	-6
5 to 6	19	9	5	36	57
6 to 7	48	56	35	39	0
7 to 8	7	-4	-8	2	-12
Total	75	73	-12	88	42

SURVIVAL RATES					
Grade Progression	2012-13 to 013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
K to 1	0.894	0.986	0.776	0.976	1.000
1 to 2	1.071	1.143	0.847	0.844	0.732
2 to 3	1.140	1.178	0.896	1.000	1.316
3 to 4	0.906	0.947	0.811	1.372	1.033
4 to 5	.022	1.042	0.907	1.070	0.898
5 to 6	1.358	1.196	1.100	1.735	2.239
6 to 7	1.706	1.778	1.636	1.709	1.000
7 to 8	1.061	0.966	0.938	1.022	0.872

PUEBLO CITY SCHOOLS

CORWIN INTERNATIONAL MAGNET SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
4	114	114	115	112	110	91
5	107	111	113	113	112	105
6	149	144	145	121	139	145
7	138	151	140	145	144	130
8	144	126	146	125	145	135
Total	652	646	659	616	650	606

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
3 to 4					
4 to 5	-3	-1	-2	0	-5
5 to 6	37	34	32	26	33
6 to 7	2	-4	-5	23	-9
7 to 8	-12	-5	6	0	-9
Total	24	24	31	49	10

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
3 to 4					
4 to 5	0.974	0.991	0.983	1.000	0.955
5 to 6	1.346	1.306	1.283	1.230	1.295
6 to 7	1.013	0.972	0.966	1.190	0.935
7 to 8	0.913	0.967	1.043	1.000	0.938

PUEBLO CITY SCHOOLS

HEATON MIDDLE SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
5 Feeders	239	224	233	218	197	214
6	210	248	250	247	244	236
7	249	257	268	247	232	210
8	262	230	238	244	228	218
Total	721	735	756	738	704	664

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
5 to 6					
6 to 7	47	20	-3	-15	-34
7 to 8	-19	-19	-24	-19	-14
Total	28	1	-27	-34	-48

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
5 to 6	1.038	1.116	1.060	1.119	1.120
6 to 7	1.224	1.081	0.988	0.939	0.861
7 to 8	0.924	0.926	0.910	0.923	0.940

PUEBLO CITY SCHOOLS

PUEBLO ACADEMY OF ARTS

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
5 Feeders	319	291	263	315	331	306
6		51	69	119	226	240
7	127	164	185	210	227	254
8	127	137	168	209	229	218
Total	254	352	445	538	682	712

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
5 to 6					
6 to 7		134	141	108	28
7 to 8	10	4	24	19	-9
Total	10	138	165	127	19

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
5 to 6	0.160	0.237	0.452	0.717	0.725
6 to 7		3.627	3.043	1.908	1.124
7 to 8	1.079	1.024	1.130	1.090	0.960

PUEBLO CITY SCHOOLS

RISLEY INTERNATIONAL ACADEMY

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2014-18
5 Feeders	150	150	150	155	138	145
6	107	112	96	131	132	86
7	122	120	122	104	116	124
8	126	137	140	123	107	115
Total	355	369	358	358	355	325

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
5 to 6					
6 to 7	13	10	8	-15	-8
7 to 8	15	20	1	3	-1
Total	28	30	9	-12	-9

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
5 to 6	0.747	0.640	0.873	0.852	0.623
6 to 7	1.121	1.089	1.083	0.885	0.939
7 to 8	1.123	1.167	1.008	1.029	0.991

PUEBLO CITY SCHOOLS

RONCALLI STEM ACADEMY

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
5 Feeders	237	254	241	247	262	269
6	117	107	93	74	130	173
7	231	224	163	145	111	131
8	211	208	202	147	127	119
Total	559	539	458	366	368	423

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
5 to 6					
6 to 7	107	56	52	37	1
7 to 8	-23	-22	-16	-18	8
Total	84	34	36	19	9

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
5 to 6	0.451	0.366	0.307	0.526	0.660
6 to 7	1.915	1.523	1.559	1.500	1.008
7 to 8	0.900	0.902	0.902	0.879	1.072

PUEBLO CITY SCHOOLS

CENTENNIAL HIGH SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
8 Feeders	153	167	160	163	133	124
9	340	313	343	348	303	311
10	341	327	290	322	336	303
11	268	318	302	289	285	306
12	298	296	337	309	281	276
Total	1,247	1,254	1,272	1,268	1,205	1,196

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9					
9 to 10	-13	-23	-21	-12	0
10 to 11	-23	-25	-1	-37	-30
11 to 12	28	19	7	-8	-9
Total	-8	-29	-15	-57	-39

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9	2.046	2.054	2.175	1.859	2.338
9 to 10	0.962	0.927	0.939	0.966	1.000
10 to 11	0.933	0.924	0.997	0.885	0.911
11 to 12	1.104	1.060	1.023	0.972	0.968

PUEBLO CITY SCHOOLS

CENTRAL HIGH SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
8 Feeders	194	188	212	218	233	222
9	204	194	185	187	275	210
10	189	206	213	178	190	246
11	235	158	207	192	161	181
12	241	268	207	203	188	149
Total	869	826	812	760	814	786

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9					
9 to 10	2	19	-7	3	-29
10 to 11	-31	1	-21	-17	-9
11 to 12	33	49	-4	-4	-12
Total	4	69	-32	-18	-50

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9	1.000	0.984	0.882	1.261	0.901
9 to 10	1.010	1.098	0.962	1.016	0.895
10 to 11	0.836	1.005	0.901	0.904	0.953
11 to 12	1.140	1.310	0.981	0.979	0.925

PUEBLO CITY SCHOOLS

EAST HIGH SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
8 Feeders	381	354	368	357	333	327
9	265	320	320	297	333	276
10	233	265	320	317	273	284
11	221	204	252	296	284	247
12	245	235	238	254	276	283
Total	964	1,024	1,130	1,164	1,166	1,090

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9					
9 to 10	0	0	-3	-24	-49
10 to 11	-29	-13	-24	-33	-26
11 to 12	14	34	2	-20	-1
Total	-15	21	-25	-77	-76

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9	0.840	0.904	0.807	0.933	0.829
9 to 10	1.000	1.000	0.991	0.919	0.853
10 to 11	0.876	0.951	0.925	0.896	0.905
11 to 12	1.063	1.167	1.008	0.932	0.996

PUEBLO CITY SCHOOLS

SOUTH HIGH SCHOOL

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
8 Feeders	294	278	293	254	257	245
9	311	357	348	366	269	292
10	336	305	333	322	311	230
11	318	322	278	300	295	267
12	357	371	337	304	299	285
Total	1,322	1,355	1,296	1,292	1,174	1,074

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9					
9 to 10	-6	-24	-26	-55	-39
10 to 11	-14	-27	-33	-27	-44
11 to 12	53	15	26	-1	-10
Total	33	-36	-33	-83	-93

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9	1.214	1.252	1.249	1.059	1.136
9 to 10	0.981	0.933	0.925	0.850	0.855
10 to 11	0.958	0.911	0.901	0.916	0.859
11 to 12	1.167	1.047	1.094	0.997	0.966

PUEBLO CITY SCHOOLS

PARAGON LEARNING CENTER

ENROLLMENT HISTORY						
Grade	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
9						
10						6
11						9
12						26
Total						41

NET MIGRATION					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9					
9 to 10					
10 to 11					
11 to 12					
Total					

SURVIVAL RATES					
Grade Progression	2012-13 to 2013-14	2013-14 to 2015-16	2014-15 to 2015-16	2015-16 to 2016-17	2016-17 to 2017-18
8 to 9					
9 to 10					
10 to 11					
11 to 12					