

PUEBLO CITY SCHOOLS DISTRICT #60

ENROLLMENT PROJECTIONS

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REPORTS

- Pueblo City Schools District #60, Enrollment Projections
 - 5 Chapters
 - 3 Appendices
 - With exception of Chapter 5, report is for Pueblo City Schools without charters
- Pueblo City Schools District #60, Housing Unit Method Projections with charters
 - Housing unit projections higher than cohort projections especially for K-5



USE OF TERMS

Pueblo City Schools
Without Charters

District #60
With Charters

KEY FINDINGS

- From 2007-08 to 2017-18
 - 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 or -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

KEY FINDINGS

- In ten years (2027-28)
 - 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 2017-18 enrollment of 16,059 (excluding Early Childhood) or a decrease of -10.5 percent to -13.5 percent
 - Room to accommodate adding grades at PSAS plus others

KEY FINDINGS

- In ten years,
 - 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 rates are low
 - The Pueblo City Schools have a long history of net out migration at nearly every grade

KEY FINDINGS

- 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 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
 - True for District #60 with charters as well

KEY FINDINGS

- What could occur to make these projections:
 - Too high
 - Increased competition from charter schools and external online schools/programs
 - Too low
 - More kindergarten students than projected
 - Capture more District residents?

PUBLIC OPTIONS

		OUT							
		Open Enrollment				Charter Schools in District			
Year	IN	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

ENROLLMENT

Year	Public City Schools Without Charters	District #60 With Charters
2007-08	14,839	16,990
2008-09	14,836	17,044
2009-10	14,680	16,853
2010-11	15,012	16,831
2011-12	15,151	16,898
2012-13	15,019	16,688
2013-14	15,425	17,007
2014-15	15,515	16,988
2015-16	15,287	16,785
2016-17	14,989	16,460
2017-18	14,467	16,059



PUEBLO CITY SCHOOLS WITHOUT CHARTERS

AVERAGE GRADE SIZE

- “Average” grade size without charters
 - 1,231 K-5
 - 979 6-8
 - 1,037 9-12
- The larger average elementary grade compared to the average middle school grade does not signal future enrollment increases because the net out migration from Grade 5 to Grade 6 recently exceeds the net in migration from Grade 8 to Grade 9

PUEBLO'S KINDERGARTEN AS A PERCENTAGE OF THE DISTRICT KINDERGARTEN POOL

Birth Years	District 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

RATIO OF KINDERGARTEN TO DISTRICT KINDERGARTEN POOL

- Ratio of Kindergarten students without charters to the District kindergarten pool
 - Average of the past four years is 87.38 percent
 - Average of the past two years is 86.88 percent
 - Trending down even if adjusted for past year

KINDERGARTEN/BIRTH RATIOS

- Cohort survival method
 - Kindergarten assumptions
 - Low is 84.91% (past year)
 - High is 86.88% (average of the past two years)
 - Longer-term
 - Projected Pueblo County resident births (Colorado State Demography Office)
 - District #60 births averaged 73.44 percent for past five years (73.62 percent in past 16 years)
 - 25.2 percent of births occur in the last quarter of the year

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
*Actual births	

DISTRICT #60

KINDERGARTEN POOL

Year	Number
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

KINDERGARTEN

PUEBLO CITY SCHOOLS

2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
1,226	1,255	1,199	1,340	1,279	1,308	1,634	1,359	1,275	1,219	1,182

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

KINDERGARTEN PROJECTIONS WITHOUT CHARTERS

Year	@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

Past ten years 13,050 Kindergarten students

NET MIGRATION WITHOUT CHARTERS

	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 WITHOUT CHARTERS

	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
5 to 6	-100	-135	-115	-145	-107	-80	-123	-118	-139	-154
9 to 12	482	411	165	124	149	133	180	137	155	133
SURVIVAL RATES										
5 to 6	0.911	0.881	0.905	0.883	0.913	0.934	0.895	0.897	0.884	0.870
9 to 12	1.449	1.396	1.162	1.124	1.153	1.127	1.177	1.129	1.151	1.139

ENROLLMENT PROJECTIONS

- The migration assumptions (survival rates) account for more difference than the kindergarten assumptions among the projections
 - Migration assumptions account for a 268-271-student difference in ten years
 - Kindergarten assumptions account for a 226-229-student difference in ten years

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

PROJECTED NET MIGRATION

- Projections show net out migration averaging from 492 to 526 per year
- Past three years net out migration was 384, 447 and 660

ENROLLMENT PROJECTIONS WITHOUT CHARTERS

Year	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



DISTRICT #60 WITH CHARTERS

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

NET MIGRATION

	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
Without Charters										
5 to 6	-100	-135	-115	-145	-107	-80	-123	-118	-139	-154
With Charters										
5 to 6	-62	-119	-130	-119	-106	-96	-125	-101	-133	-142

HOUSING TYPE

District #60 By Housing Type by Student Yield

Housing Type	Units	Resident K-12 Students	Resident K-12 Yield
Single-Family Detached	35,876	12,782	0.36
Duplex/Triplex	748	321	0.43
Condominium	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

DISTRICT #60 YIELD BY MINOR CIVIL DIVISION

Minor Civil Division	Single-Family Detached Units	Median Value Single-Family Detached Units	Resident K-12 Students	Resident 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

DISTRICT #60 AGE OF SINGLE-FAMILY DETACHED UNITS

Single-Family Detached Resident Student Yield by Units 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

DISTRICT #60 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	36,604	
Not Sold	32,622	0.36
Sold	2,982	0.37
Total	35,876	0.36

* Built January 1, 2015 to June 30, 2017

DISTRICT #60

PROJECTED DEVELOPMENT NEXT THREE YEARS

Minor Civil Division	Single-Family Detached	Townhomes	Apartments
Pueblo City	316	92	0
Pueblo County	0	0	0
Salt Creek	0	0	0
Total	316	92	0

DISTRICT #60

- Single-family detached homes:
 - 46% have at least one registered voter 55+
 - 28% have at least one registered voter 65+
 - 13% have at least one registered voter 75+
 - 5% have at least one registered voter 85+
 - 20% have a K-12 District # 60 student (with charters)

RACE/ETHNICITY

DISTRICT #60

	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

DISTRICT #60

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 DISTRICT #60

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%