Pasadena Unified School District
Pasadena, California

DRAFT Revision 2

Student Population Forecast
By Residence

Fall 2018/2019 Report

2019/20 – 2025/26 Forecasted Student Population

Prepared by

DAVIS
DEMOGRAPHICS

Revised May 7, 2019

TABLE OF CONTENTS

Introduction and District Background
Executive Summary

INTRODUCTION AND DISTRICT BACKGROUND

The Pasadena School District has contracted with Davis Demographics & Planning, Inc. (DDP) to update and analyze demographic data relevant to the District's facility planning efforts. The scope of contracted work includes: mapping the District, geocoding a student file that is usually representative of October's official head count, developing and researching pertinent demographic data, identifying future residential development plans, if any, and developing a seven year student population forecast. DDP will then assist the District in developing solutions for housing future student population. This study was prepared to assist the District's efforts in evaluating future site requirements and attendance area changes.

The purpose of this report is to identify and inform the District of the trends occurring in the community; how these trends may affect future student population; and to assist in illustrating facility adjustments that may be necessary to accommodate the potential student population shifts. The District can then use this information to better plan for the need, location and timing of facility or boundary adjustments.

The **Sources of Data** section details where the two sources of data, geographic and non-geographic, are collected and how each data item is used in the seven year student population forecast model.

The **Seven Year Forecast Methodology** section discusses, in detail, how the factors used in the study were calculated and why they were used. These factors include: the calculation of incoming kindergarten classes, additional students from new housing (referred to as student yield), the effects of student mobility, and a detailed review of planned residential development within the District.

The **Student Resident Forecast Summary** sections are a review of school year 2018/19's student resident forecast results. Included in these sections are a district wide student population forecast summary and a projected resident student population summary for each existing attendance area and study area.

While reading this report, it is important to remember that this is a snapshot of current and potential student population based upon data gathered in fall 2018. Population demographics change, development plans change, funding opportunities can change, District priorities can change, and therefore, new forecasts and adjustments to the overall Facilities Master Plan will continue to be necessary in the future.

EXECUTIVE SUMMARY

   Davis Demographics & Planning, Inc. (DDP) collected relevant demographic data to calculate factors in the Student Population Forecast. Area births and historic PUSD student population was used to help estimate future kindergarten enrollment (births) and student migration patterns (historic students). Are a births have been declining steadily for over two decades. This continued decline will most likely lead to smaller TK and Kindergarten enrollment in the future. Furthermore, PUSD is experiencing an out migration of students throughout the entire district. When analyzing four years of data more PUSD students are leaving a PUSD school than new students enrolling into one. These students are exiting a PUSD school to enroll in private schools, charter schools or neighboring districts.

TO BE COMPLETED IN FINAL REPORT

SECTION ONE – METHODOLOGY

SOURCES OF DATA

Geographic Map Data
          Four (4) geographic data layers were updated for use in the seven year student population forecasts:

1. Street Centerline Database
2. Study Areas
3. Schools
4. Students – Historical and Current

1) Street Centerline Data
          The street database has associated attributes that contains, but are not limited to, the following fields: full street name, address range and street classification
          The main function of the streets is in the geocoding process of the student data. Each student is geocoded to the streets by their given residence address. The geocoding process places a point on the map for every student in the exact location that student resides. This enables DDP to analyze the student data in a geographic manner.
          Another vital utilization of the digital street database is in the construction of study areas. Freeways, major streets and neighborhood streets are generally used as boundaries for the study areas.

2) Study Areas
          Study areas are small geographic areas, similar to neighborhoods, and the building blocks of a school district. Study areas are geographically defined following logical boundaries of the neighborhood such as freeways, streets, railroad tracks, or rivers. Each study area is then coded with the elementary, middle and high school that the area is assigned to attend. By gathering information about the district at the study area level, DDP and the District can closely monitor growth and demographic trends in particular regions and identify potential need for boundary adjustments or new facilities.

3) Schools
          The District provided school facility location information to DDP for the purpose of mapping the District facilities. The school information includes school name, address, unique code and capacity.

4) Student Data
          a. Historical Student Data - Historical enrollment is used to compare past student population growth and trends as well as the effects of mobility (move in, move out from existing housing) throughout the District. DDP utilized the three (3) previous years (2015/16, 2016/17 and 2017/18) geocoded students as historical data.

          b. Current Student Data - A student data file for October XX, 2018 (received by computer data file from the School District) summarized by grade level and by study area is used as a base for student population forecasts. Existing students were categorized by study area through the geocoding process that locates each student within a particular area based upon their given address. The forecasts run each of the next seven years from school year 2018/19 through school year 2025/26.
          c. Student Accounting The Student Accounting Summary (Table 1) indicates the total student enrollment as of October XX, 2018 and the number of student used in the seven year student population forecasts. The forecast model is based upon student residence and excludes students residing outside

of the District's boundaries, students unable to be address matched and special education students (special education students usually attend a school that services their particular need).

Student Accounting Summary School Year 2018/19 Actual Enrollment (10/04/18)	
Total Students Provided by District	**17,130**
Students Residing out of District (includes 7 TK students)	-757
Special Education Students (Type SDC, includes 51 Focus Point Students)	-616
Independent Study Students (205 CIS, 25 RCHS)	-230
Unmatched Students	-17
Pre-Kindergarten Students (GR = PS or Burbank Special Ed PK)	-823
PALS Students (school = PALS)	-36
Non-Public Schools (school = NPS)	-93
Other Students (Home/Hospital)	-15
Students used in Residential Forecast	**14,543**
Students Residing out of District (includes 7 TK students)	757
Special Education Students (Type SDC, includes 51 Focus Point Students)	616
Independent Study Students (205 CIS, 25 RCHS)	230
Unmatched Students	17
P.U.S.D. 2018/19 TK-12 Enrollment	**16,163**

Table 1– Student Accounting Summary

2018/19 Students by Grade										
	Resident TK-12	Out of District	Special Ed	Unmatched	C.I.S.	Rose City I.S.	PALS	NPS	Home/Hospital	Pre-K	Total
PK	0	0	0	0	0	0	0	0	0	816	816
TK	153	7	0	0	0	0	0	0	0	0	160
K	1,122	76	33	1	0	0	0	0	1	0	1,233
1	1,175	67	25	2	0	0	0	0	0	0	1,269
2	1,173	78	27	1	0	0	0	1	2	0	1,282
3	1,221	76	34	1	0	0	0	3	0	0	1,335
4	1,108	89	30	2	0	0	0	7	0	0	1,236
5	1,228	67	46	2	0	0	0	2	4	0	1,349
6	1,111	56	44	1	1	0	0	10	4	0	1,227
7	1,109	54	77	3	3	0	0	7	0	0	1,253
8	1,104	52	56	0	9	0	0	10	1	0	1,232
9	1,015	29	63	1	7	0	0	16	0	0	1,131
10	1,043	28	53	2	20	0	0	9	0	0	1,155
11	937	37	62	0	49	4	0	10	1	0	1,100
12	1,044	41	66	1	116	21	1	8	2	0	1,300
16	0	0	0	0	0	0	0	0	0	7	7
18	0	0	0	0	0	0	35	10	0	0	45
Total	**14,543**	**757**	**616**	**17**	**205**	**25**	**36**	**93**	**15**	**823**	**17,130**

Data Used for Variables

Two sets of data were compiled and reviewed for use in the seven year student population forecasts by residence:

1. Births by Zip Code
2. Mobility Factors

1) Births by Zip Code Data

Birth data by postal zip code was obtained from the California State Department of Health for the years 1996-2016 and roughly correlated to the Pasadena Unified School District. Past changes in historical birthrates are used to estimate future incoming kindergarten student population from existing housing.

2) Mobility Factors

Mobility refers to the increase/decrease in the migration of students within the District boundary (move-in/move-out of students from existing housing). Mobility, which is essentially a modified cohort, is applied as a percentage of increase/decrease among each grade for every year of the forecasts.

SEVEN YEAR PROJECTION METHODOLOGY

The forecast methodology used in this study combines historical student population counts, past and present demographic characteristics, and planned residential development to forecast future student population at the study area level. District-wide forecasts are summarized from the individual study area forecasts. **These forecasts are based on where the students reside and where they should be attending school. We use the actual location of where the students reside, as opposed to their school of enrollment, in order to provide the most accurate estimate of where future school facilities should be located.** The best way to plan for future student population shifts is to know where the next group of students will be residing. The following details the methodology used in preparing the student population forecasts by residence.

Seven Year Forecast

Forecast are calculated out seven years from the date of the current year for several reasons. The planning horizon for any type of facility is typically no less than five years, often longer. Seven years are usually sufficient to adequately plan for facility adjustments. It is a short to mid-term solution for planning needs. Forecasts beyond seven years are based on speculation due to the lack of reliable information on birthrates, new home construction and economic conditions.

Why forecast are Calculated by Residence?

Typically, school district forecasts are based on enrollment by school. However, this method is inadequate when used to locate future school facility needs, because the location of the students is not taken into consideration. A school's enrollment can fluctuate due to variables in the curriculum, program changes, school administration and open enrollment policies. These variables can skew the apparent need for new or additional facilities in an area.

The method used by DDP is unique because it modifies a standard cohort forecast with demographic factors and actual student location. **DDP bases its forecasts on the belief that school facility planning is more accurate when facilities are located where the greatest number of students reside.**

The best way to plan for facility requirements is to know where the next group of students will be residing. The following details the methodology used in preparing the student population forecasts.

PROJECTION VARIABLES

Each year of the forecasts, 12th grade students' graduate and continuing students progress through to the next grade level. This normal progression of students is modified by the following factors:
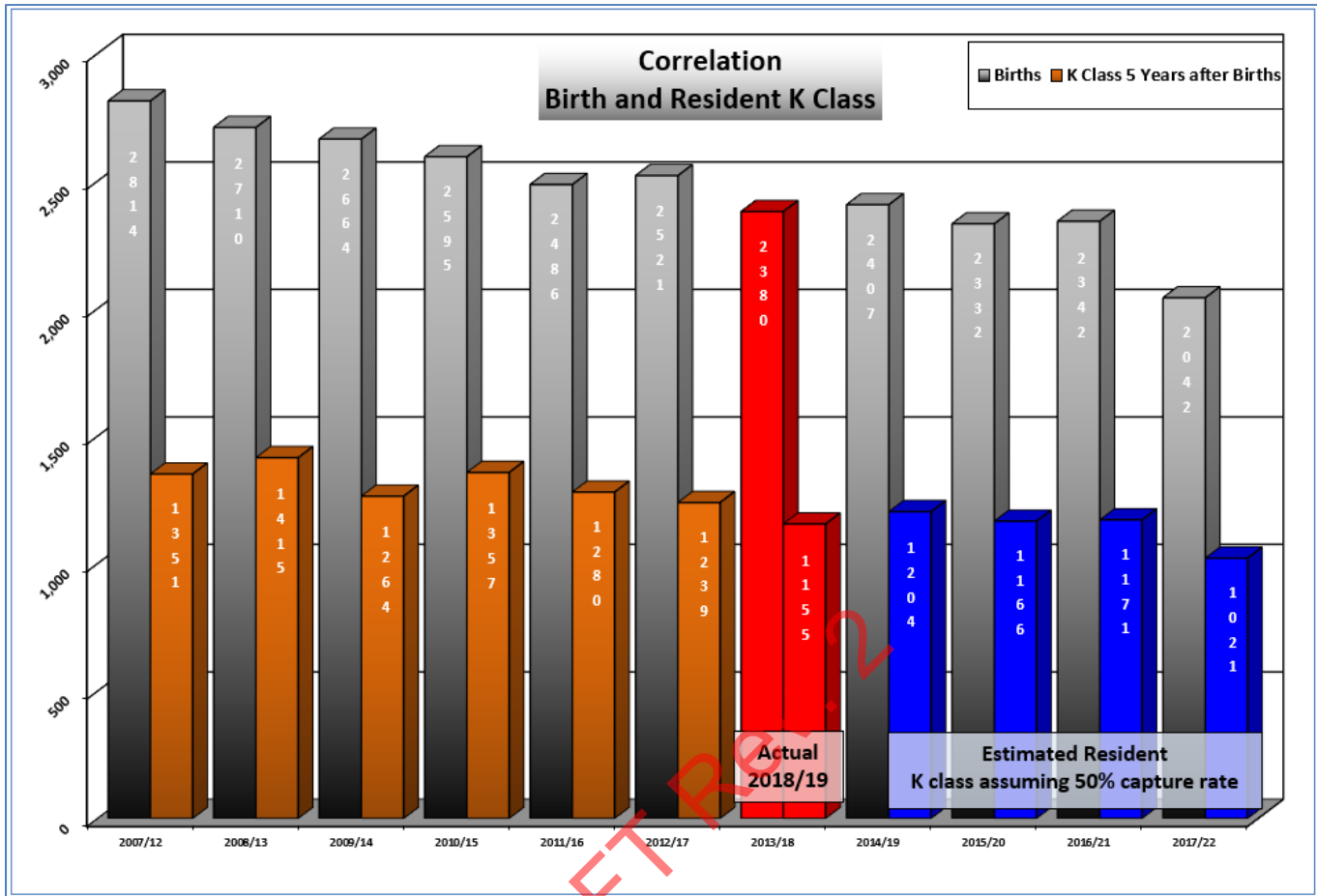
1) Incoming Kindergarten

Live birth data is reported to the California State Department of Health by the resident postal zip code of the mother. DDP uses the birth data by zip code roughly correlating to the District boundary and applies the data accordingly. If need be a different birth factor can be applied to various areas of the District.

Incoming kindergarten classes, for existing homes, are estimated by comparing changes in past births in the area. Table 2 illustrates the total births for each zip code in the Pasadena Unified School District from 1996 to 2016. DDP assumes the current kindergarten class (2018/19) was born in five years ago (2013). Future incoming kindergarten classes are estimated by comparing the number births in 2013 to the number of births in 2014 – 2017. DDP compared the total births in 2013 to the total births in 2014, to determine a factor for next year's kindergarten class (2019/20). The 2013 births were compared to 2015 (2020/21's K class), 2013 to 2016 (2021/22's K class) and 2013 to 2017 (2022/23's K class).

Zip Code 91001

Year	Births	Change
1996	509	157.6%
1997	475	147.1%
1998	510	157.9%
1999	495	153.3%
2000	485	150.2%
2001	513	158.8%
2002	489	151.4%
2003	484	149.8%
2004	494	152.9%
2005	452	139.9%
2006	490	151.7%
2007	507	157.0%
2008	435	134.7%
2009	435	134.7%
2010	407	126.0%
2011	364	112.7%
2012	364	112.7%
2013	323	BASE
2014	362	112.1%
2015	325	100.6%
2016	319	98.8%
2017	298	92.3%

Year of Projection	Used in Projection
2019/20	112.1%
2020/21	100.6%
2021/22	98.8%
2022/23	92.3%
2023/24	100.0%
2024/25	100.0%
2025/26	100.0%

Zip Code 91024

Year	Births	Change
1996	119	125.3%
1997	123	129.5%
1998	110	115.8%
1999	112	117.9%
2000	105	110.5%
2001	110	115.8%
2002	114	120.0%
2003	111	116.8%
2004	120	126.3%
2005	98	103.2%
2006	101	106.3%
2007	95	100.0%
2008	97	102.1%
2009	93	97.9%
2010	79	83.2%
2011	78	82.1%
2012	95	100.0%
2013	95	BASE
2014	70	73.7%
2015	83	87.4%
2016	88	92.6%
2017	92	96.8%

Year of Projection	Used in Projection
2019/20	73.7%
2020/21	87.4%
2021/22	92.6%
2022/23	96.8%
2023/24	100.0%
2024/25	100.0%
2025/26	100.0%

Zip Code 91101

Year	Births	Change
1996	288	85.3%
1997	275	82.3%
1998	267	79.9%
1999	252	75.4%
2000	268	80.2%
2001	107	32.0%
2002	266	79.6%
2003	286	85.6%
2004	293	87.7%
2005	299	89.5%
2006	290	86.8%
2007	308	92.2%
2008	332	99.4%
2009	307	91.9%
2010	336	100.6%
2011	333	99.7%
2012	323	96.7%
2013	334	BASE
2014	323	96.7%
2015	322	96.4%
2016	307	91.9%
2017	261	78.1%

Year of Projection	Used in Projection
2019/20	96.7%
2020/21	96.4%
2021/22	91.9%
2022/23	78.1%
2023/24	100.0%
2024/25	100.0%
2025/26	100.0%

Zip Code 91103

Year	Births	Change
1996	603	161.7%
1997	512	137.3%
1998	523	140.2%
1999	545	146.1%
2000	501	134.3%
2001	530	142.1%
2002	444	119.0%
2003	471	126.3%
2004	515	138.1%
2005	476	127.6%
2006	473	126.8%
2007	456	122.3%
2008	441	118.2%
2009	443	118.8%
2010	390	104.6%
2011	385	103.2%
2012	381	102.1%
2013	373	BASE
2014	364	97.6%
2015	359	96.2%
2016	360	96.5%
2017	303	81.2%

Used in Projection	Year of Projection
97.6%	2019/20
96.2%	2020/21
96.5%	2021/22
81.2%	2022/23
100.0%	2023/24
100.0%	2024/25
100.0%	2025/26

Zip Code 91104

Year	Births	Change
1996	738	162.2%
1997	699	153.6%
1998	665	146.2%
1999	647	142.2%
2000	633	139.1%
2001	631	138.7%
2002	582	127.9%
2003	595	130.8%
2004	581	127.7%
2005	596	131.0%
2006	610	134.1%
2007	577	126.8%
2008	544	119.6%
2009	518	113.8%
2010	522	114.7%
2011	476	104.6%
2012	442	97.1%
2013	455	BASE
2014	434	95.4%
2015	407	89.5%
2016	427	93.8%
2017	375	82.4%

Year of Projection	Used in Projection
2019/20	95.4%
2020/21	89.5%
2021/22	93.8%
2022/23	82.4%
2023/24	100.0%
2024/25	100.0%

Zip Code 91105

Year	Births	Change
1996	108	94.7%
1997	106	93.0%
1998	96	84.2%
1999	96	84.2%
2000	124	108.8%
2001	104	91.2%
2002	102	89.5%
2003	112	98.2%
2004	106	93.0%
2005	96	84.2%
2006	101	88.6%
2007	109	95.6%
2008	109	95.6%
2009	119	104.4%
2010	131	114.9%
2011	84	73.7%
2012	134	117.5%
2013	114	BASE
2014	143	125.4%
2015	137	120.2%
2016	151	132.5%
2017	112	98.2%

Used in Projection
125.4%
120.2%
132.5%
98.2%
100.0%
100.0%

Zip Code 91106

Year	Births	Change
1996	373	113.0%
1997	379	114.8%
1998	334	101.2%
1999	372	112.7%
2000	368	111.5%
2001	338	102.4%
2002	339	102.7%
2003	317	96.1%
2004	364	110.3%
2005	337	102.1%
2006	338	102.4%
2007	354	107.3%
2008	324	98.2%
2009	335	101.5%
2010	339	102.7%
2011	348	105.5%
2012	358	108.5%
2013	330	BASE
2014	314	95.2%
2015	317	96.1%
2016	318	96.4%
2017	286	86.7%

Used in Projection
95.2%
96.1%
96.4%
86.7%
100.0%
100.0%

Zip Code 91107

Year	Births	Change
1996	436	122.5%
1997	452	127.0%
1998	444	124.7%
1999	470	132.0%
2000	428	120.2%
2001	464	130.3%
2002	432	121.3%
2003	436	122.5%
2004	413	116.0%
2005	416	116.9%
2006	385	108.1%
2007	408	114.6%
2008	428	120.2%
2009	414	116.3%
2010	391	109.8%
2011	418	117.4%
2012	424	119.1%
2013	356	BASE
2014	397	111.5%
2015	382	107.3%
2016	372	104.5%
2017	315	88.5%

Used in Projection	Year of Projection
111.5%	2019/20
107.3%	2020/21
104.5%	2021/22
88.5%	2022/23
100.0%	2023/24
100.0%	2024/25

Table 2 – Births by Zip

Births[1] Compared to Kindergarten Class 5 Years Later[2]

ALL KINDERGARTENERS

Birth Year	Births[3]	K Year	K Class[4]	% of Births
2007	2,814	2012	1,491	53%
2008	2,710	2013	1,473	54%
2009	2,664	2014	1,345	50%
2010	2,595	2015	1,439	55%
2011	2,486	2016	1,365	55%
2012	2,521	2017	1,306	52%
2013	2,380	2018	1,233	52%

1. Source: Vital Statistics of California, Birth Data by Zipcode, 2007-2013

2. Source: PUSD, Student Data from CBEDS, 2012/13 - 2018/19

3. Includes only zip codes within or partially within the PUSD boundaries 91001, 91024, 91101, 91103, 91104, 91105, 91106 and 91107

4. Kindergarten includes students residing outside of the district boundaries and Special Education students

Births[1] Compared to Kindergarten Class 5 Years Later[2]

KINDERGARTENERS RESIDING IN DISTRICT ONLY

| Birth Year	Births[3]	K Year	K Class[4]	% of Births
2007	2,814	2012	1,351	48%
2008	2,710	2013	1,415	52%
2009	2,664	2014	1,264	47%
2010	2,595	2015	1,357	52%
2011	2,486	2016	1,280	51%
2012	2,521	2017	1,239	49%
2013	2,380	2018	1,155	49%

1. Source: Vital Statistics of California, Birth Data by Zipcode, 2007-2013

2. Source: PUSD, Student Data from CBEDS, 2012/13 - 2018/19

3. Includes only zip codes within or partially within the PUSD boundaries 91001, 91024, 91101, 91103, 91104, 91105, 91106 and 91107

4. Kindergarten includes Special Education students

Chart 1 and Table 3 – Births vs. K Class
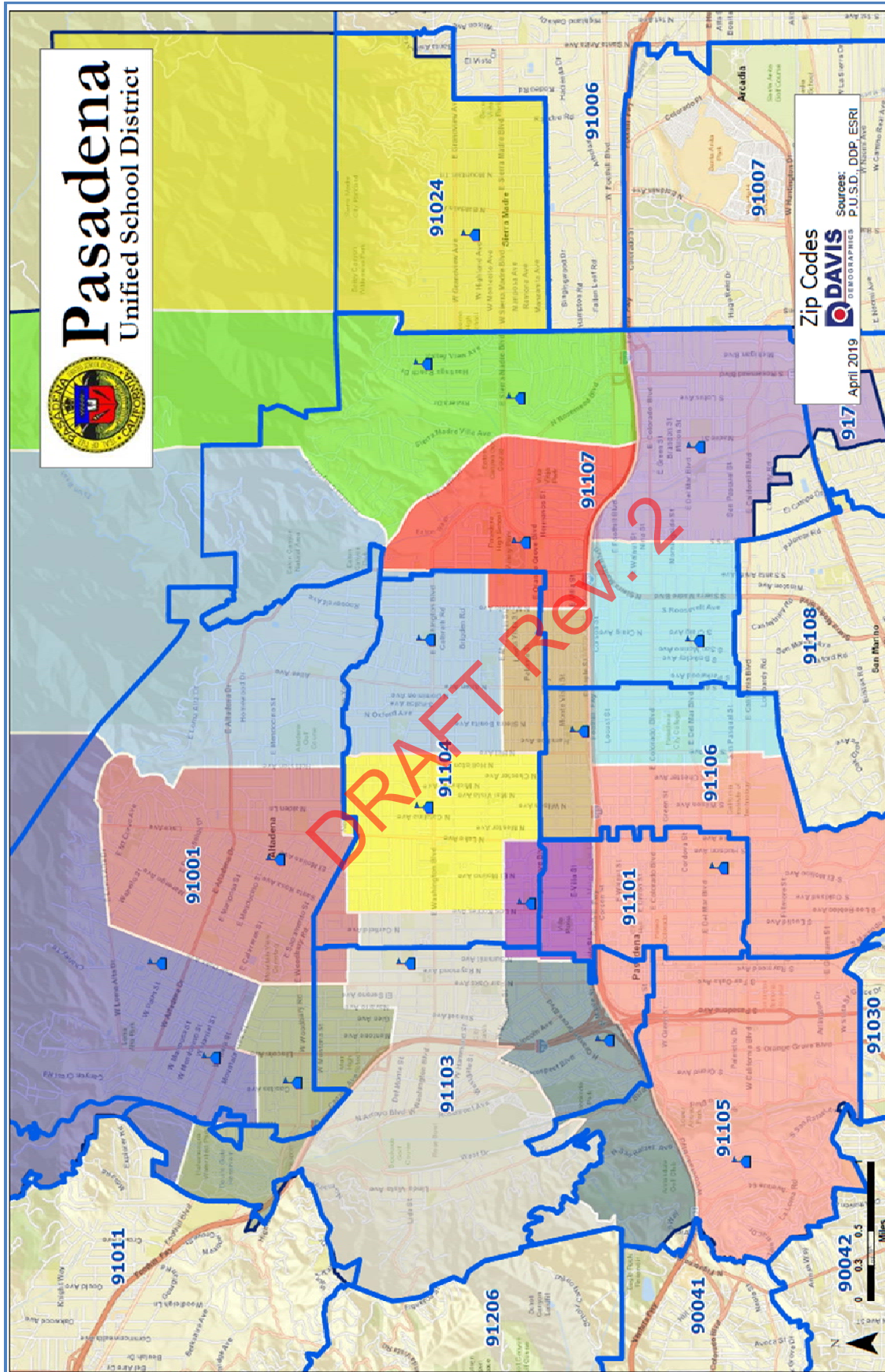
2) Student Mobility Factors

Student mobility factors further refine the seven year student population forecasts. Mobility refers to the increase/decrease in the migration of students within the District boundary (move-in/move-out of students from existing housing). Mobility, similar to a cohort, is applied as a percentage of increase/decrease to each grade for every year of the forecasts. A net student loss is represented by a factor less than **1.000** and a net gain or no change by a factor greater than **1.000** (see Table 4).

Having historical student data categorized by Study area is extremely helpful in calculating accurate Student Mobility Factors. DDP was able to utilize the last four year's (school years 2015/16, 2016/17, 2017/18, and 2018/19) student data. The 2015/16 student data was compared to 2016/17, 2016/17 to 2017/18, and 2017/18 to this year's student data at the Study area level. Grades 1-12 Mobility were all calculated to correspond with the elementary school attendance areas.

Example: **92   Altadena kindergarten students in fall 18/19**
                   x   101% (Altadena 1st grade mobility)
                   = 92.9 1st grade students in fall 19/20

Pasadena Unified School District
Mobility by Elementary Attendance Area 2015/16 - 2018/19

	K --> G1	G1 --> G2	G2--> G3	G3--> G4	G4 --> G5	G5 --> G6	G6 --> G7	G7 --> G8	G8 --> G9	G9 --> G10	G10 --> G11	G11--> G12
Altadena ES	101%	98%	99%	95%	97%	93%	93%	95%	104%	104%	96%	99%
Don Benito Fundamental	97%	97%	95%	103%	95%	78%	96%	105%	91%	92%	97%	109%
Franklin ES	95%	90%	99%	100%	100%	90%	102%	95%	110%	97%	95%	99%
Hamilton ES	100%	97%	102%	97%	100%	90%	99%	99%	98%	104%	91%	102%
Jackson ES	96%	100%	95%	100%	96%	87%	99%	92%	109%	96%	104%	94%
Jefferson ES	97%	96%	93%	103%	90%	95%	100%	96%	107%	96%	95%	102%
Longfellow ES	105%	91%	103%	96%	102%	93%	102%	96%	99%	97%	95%	95%
Madison ES	98%	94%	93%	94%	93%	93%	94%	99%	94%	98%	93%	93%
McKinley ES	88%	97%	96%	98%	99%	94%	95%	98%	87%	94%	104%	90%
Norma Coombs Alternative	104%	99%	102%	98%	99%	90%	97%	88%	100%	98%	92%	94%
Roosevelt ES	97%	96%	89%	95%	101%	79%	105%	91%	98%	99%	105%	96%
Sierra Madre Lower	102%	100%	103%	105%	96%	104%	100%	96%	59%	102%	95%	104%
Washington ES	96%	96%	97%	94%	94%	93%	98%	98%	94%	98%	101%	97%
Webster ES	99%	94%	96%	100%	95%	93%	96%	99%	104%	103%	92%	94%
Willard ES	100%	100%	105%	103%	93%	95%	99%	103%	99%	98%	92%	98%
District Wide Average	98%	96%	98%	99%	97%	91%	98%	97%	97%	98%	96%	98%

Table 4 – Mobility Factor

District Wide Resident Student Mobility* 2010/11 - 2018/19

	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	
G1	1.024	1.018	0.998	0.997	1.001	1.009	0.995	0.986	0.976	
G2	0.925	0.926	0.931	0.924	0.933	0.937	0.951	0.959	0.961	
G3	0.978	0.968	0.958	0.945	0.945	0.958	0.966	0.978	0.976	
G4	0.976	0.967	0.956	0.942	0.946	0.962	0.978	0.987	0.977	
G5	0.966	0.959	0.945	0.949	0.955	0.977	0.977	0.976	0.962	
G6	0.943	0.931	0.920	0.908	0.912	0.921	0.932	0.936	0.922	
G7	0.957	0.959	0.966	0.971	0.973	0.977	0.984	0.994	0.980	
G8	0.973	0.978	0.976	0.978	0.972	0.971	0.976	0.977	0.966	
G9	0.964	0.974	0.962	0.953	0.936	0.939	0.957	0.963	0.959	
G10	0.972	0.977	0.981	0.965	0.957	0.965	0.982	0.995	0.987	
G11	0.915	0.919	0.919	0.925	0.937	0.943	0.961	0.972	0.963	
G12	0.904	0.914	0.920	0.936	0.961	0.950	0.967	0.972	0.970	

* Excludes Out of District, SDC and CIS students

This analysis is not the average Mobility for each year. These numbers are the overall mobility for each grade regardless of where the students reside. Each grade mobility is based upon the previous three (3) years of student data.

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APPLYING THE VARIABLES TO GENERATE THE FORECAST

The following paragraphs summarize how DDP uses the factors to determine the student population forecasts. Remember that these forecasts are based on residence.

Pasadena Unified School District has been divided into 1,025 study areas. Every study area is coded with the school code of the elementary, middle and high schools attendance area it falls within. The residential forecasts are calculated at the study area level. This means that DDP conducts 1,025 individual forecasts that are based upon the number of students residing in each study area.

The first step in calculated the forecasts is to tally the number of students that live in each study area by each grade (Kindergarten through 12th grade). The current student base (school year 2018/19) is then passed onto the next year's grade (2018/19's K become 2019/20's 1st graders, 2018/19's 1st graders become 2019/20's 2nd graders, and so on). After the natural progression of students through the grades is applied, then Birth Factors are multiplied to the current kindergarten class to generate a base for the following year's kindergarten class.

Next, a Mobility Factor is applied to all grades. Again, these factors take into account the natural in/out migration of students throughout the District. The mobility factor is applied to each student in every grade (K-12). A unique mobility factor is applied to each elementary school attendance area determined by the mobility factor study.

To finish generating the forecasts by residence, the same process is conducted for each of the 1,025 study areas. Once the forecasts have been run at the study area level, then it is simple addition to determine forecasts for each of the District's attendance areas or for a district-wide summary. For example, the residential forecasts for the Pasadena High School attendance area is simply the summary of all of the study areas that make up this specific attendance area (see section Four for the forecasts of each elementary, middle and high school attendance areas).

The District Summary for the forecasts (section Three) is a total summary of all 1,025 study areas. The forecasts excludes all of the students that attend a District school but live completely outside of the District's boundaries, students unable to be geocoded, special education students and independent study students. These students are factored back into the forecasts by calculating their current overall percentage of student population, applying the percentage to future years and adding it to the resident forecasts (please see the Attendance Matrices in section Two for a breakdown of the out-of-district, special education and unmatched students by school). DDP adds the current total out-of-district and unmatched students to each year of the forecasts because there is no way to accurately forecast these students in the future.

Current and historical students, geographic data and non-geographic data are used to calculate the factors used in the student population forecasts by residence. These factors are applied using SchoolSite and forecasts are calculated for each study area for each grade.

Forecast by Residence Flowchart
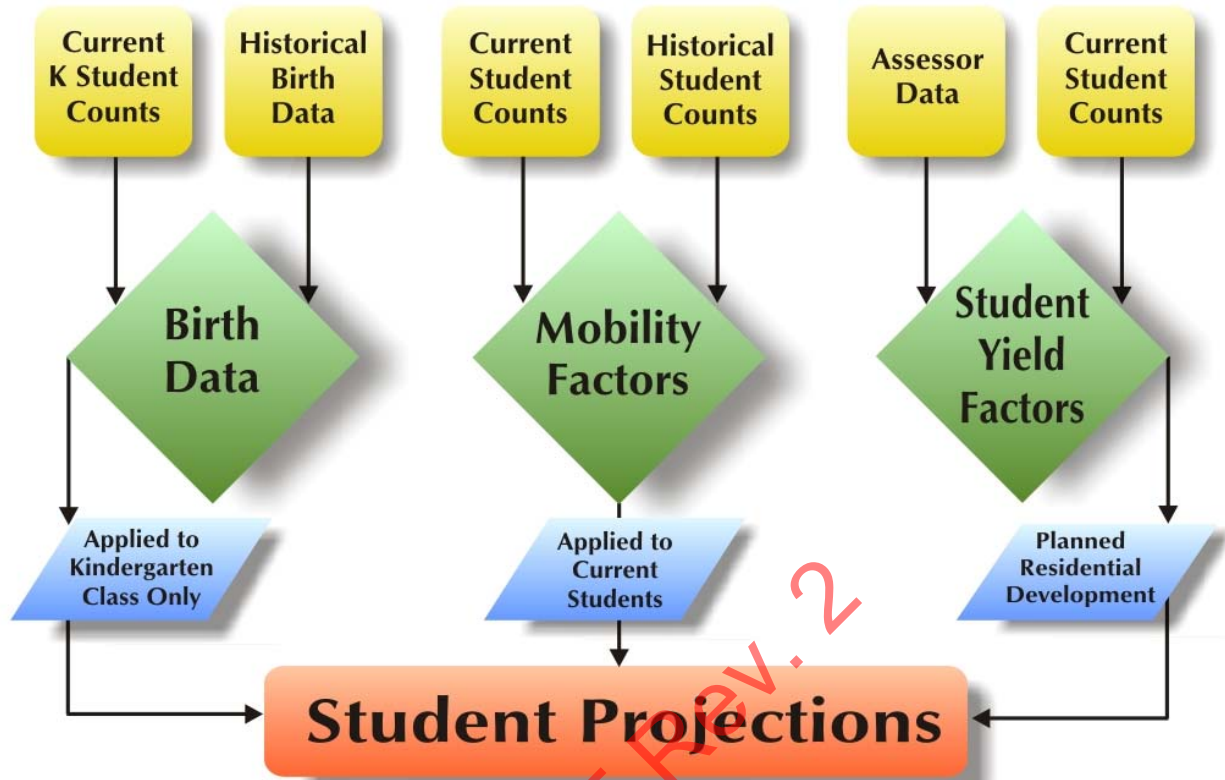
SECTION TWO – ATTENDANCE MATRICES

Three Attendance Matrices have been included to provide a better understanding of where students reside and where they attend school. **Remember, DDP projections are based upon where the students reside, not the student's school of enrollment. This method allows DDP to provide the most accurate forecast of where shifts in student population may occur and where changes to future facilities (if necessary) should be located**. Therefore, since the projections are based upon where the students reside, the figures we use as a base for each school's resident projection may be slightly higher or lower than the actual reported enrollment for each school. The best way to plan for future facilities is to know where the next group of students will be coming from, not necessarily which school they are currently attending

Attendance matrices act as a check and balance for student accounting and illustrates where the students reside (in what School of Residence) based upon their geocoded address and which school they attend (School of Attendance) based upon District provided student data. It is essential to show how the students used in the projections match up to the District's records of enrollment for each school. Furthermore, intra-district transferring patterns can be determined by comparing School of Residence data to the School of Attendance data.

READING THE MATRIX

Starting with the K-5 Elementary School Attendance Matrix, let's begin with Altadena as an example. Following down the first column with the Altadena heading, there are 152 K-5 grade students attending Altadena and reside in the Altadena attendance area. Continuing downward, 2 students attend Altadena that resides in the Cleveland attendance area. Next it shows that 0 students attend Altadena and reside in the Don Benito attendance area, and so on.

The row "Out of District" refers to students living completely outside of the Pasadena Unified School District boundary, but attending the District's schools. There are 10 Out of District students attending Altadena. Special Education refers to special education students attending the District's schools. There are 5 Special Education students attending Altadena. The "Total Attendance" is the total number of students attending a school regardless of where they reside, and reflects the District's enrollment counts for each school. There are 227 students attending Altadena.

The next step is to read across the matrix, beginning with the Altadena attendance area row. We know 152 represents the total number of K-5 grade students residing and attending Altadena. The next column, Cleveland refers to the number of K-5 grade students residing in the Altadena attendance area, but attending Cleveland. There is 1 students residing in the Altadena attendance area but attending Cleveland.

The "Residing Totals" column to the far right of the matrix is the total number of students living in that particular attendance area. There are 523 K-5 students residing in the Altadena attendance area.

Elementary School Attendance Matrix of Pasadena USD Students[1]

Elementary School Attendance Areas	Total # of PUSD Students Residing in Each ES Attendance Area	Altadena ES	Cleveland ES	Don Benito ES	Franklin ES	Hamilton ES	Jackson ES	Jefferson ES	Longfellow ES	Madison ES	Mckinley ES	Norma Coombs	Roosevelt ES	Sierra Madre ES	Washington ES	Webster ES	Willard ES	Fields ES	San Rafael ES	Total # of PUSD Students Residing in Each ES Attendance Area	# of PUSD Students Attending School of Residence	# of PUSD Students Attending School of Residence (%)
Altadena ES	523	152	1	41	8	14	64	9	44	8	19	17	1	23	36	12	23	23	28	523	152	29%
Cleveland ES	169	2	36	15	1	13	15	7	11	3	15	7	5	4	18	3	3	5	6	169	36	21%
Don Benito ES	186	0	0	101	0	1	1	2	0	0	1	6	0	24	0	9	2	38	1	186	101	54%
Franklin ES	373	14	3	22	107	11	62	8	5	5	17	33	1	9	8	8	20	10	30	373	107	29%
Hamilton ES	459	0	0	16	0	317	9	19	1	2	3	18	0	10	1	7	14	24	18	459	317	69%
Jackson ES	464	5	4	24	24	7	258	6	16	6	12	8	8	3	30	3	6	11	18	464	258	56%
Jefferson ES	380	0	0	26	0	30	4	170	20	9	26	6	6	10	0	16	8	16	13	380	170	45%
Longfellow ES	476	7	5	34	0	27	35	14	193	11	17	21	0	14	6	24	11	20	37	476	193	41%
Madison ES	725	3	1	21	3	17	20	42	33	305	100	34	33	4	31	18	25	7	28	725	305	42%
Mckinley ES	612	9	0	27	1	74	15	17	7	2	254	10	3	20	2	2	18	40	111	612	254	42%
Norma Coombs	211	2	0	41	0	12	5	1	1	0	5	53	0	21	0	4	14	40	12	211	53	25%
Roosevelt ES	291	1	11	5	3	8	16	12	9	9	16	11	124	6	16	7	10	7	20	291	124	43%
Sierra Madre ES	509	0	0	9	0	0	0	0	0	0	1	1	0	453	2	0	3	37	3	509	453	89%
Washington ES	751	11	35	24	3	7	55	32	55	17	37	35	34	8	324	10	14	11	39	751	324	43%
Webster ES	444	3	0	71	0	16	19	5	9	7	4	17	0	43	3	189	10	33	21	444	189	43%
Willard ES	454	1	0	35	0	12	2	1	2	2	5	4	0	9	0	6	347	26	2	454	347	76%
Out Of District	453	10	0	17	3	8	52	13	7	7	22	24	11	11	12	5	59	141	51	453		
Transitional K	160	2	0	0	19	0	1	23	33	17	22	17	0	2	0	0	24	0	0	160		
Special Education	195	5	0	25	3	27	0	0	0	0	1	25	52	17	0	20	20	0	0	195		
Unmatched	9	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	2	0	2	9		
Total Enrollment	**7,844**	**227**	**97**	**554**	**175**	**602**	**634**	**381**	**446**	**404**	**577**	**382**	**278**	**691**	**490**	**344**	**633**	**489**	**440**	**7,844**		
# Of Transfers In[2]	3,170	68	60	428	46	257	374	188	220	82	300	287	102	219	165	134	240					
% Of Transfers In	40%	30%	62%	77%	26%	43%	59%	49%	49%	20%	52%	75%	37%	32%	34%	39%	38%					

1 Matrix includes only students attending a PUSD school
2 Transfers In Excludes Transitional K, Special Education and Unmatched

DRAFT Rev. 2

DAVIS DEMOGRAPHICS

Middle School Attendance Matrix of Pasadena USD Students[1]

	Middle School of Attendance						District Wide	Resident PUSD Student Statistics		
Middle School Attendance Areas	Blair HS	Eliot MS	Mckinley MS	Sierra Madre MS	Washington MS	Wilson MS	Marshall	Total # of PUSD Students Residing in Each MS Attendance Area	# of PUSD Students Attending School of Residence	# of PUSD Students Attending School of Residence
Blair HS	44	3	38	7	3	4	10	109	44	40%
Eliot MS	113	332	92	95	50	53	374	1,109	332	30%
Mckinley MS	14	7	80	6	2	2	13	124	80	65%
Sierra Madre MS	0	0	2	261	0	0	2	265	261	98%
Washington MS	171	103	128	33	371	95	268	1,169	371	32%
Wilson MS	54	8	29	81	3	250	123	548	250	46%
								0		
Out Of District	43	10	15	37	5	27	25	162		
Special Education[3]	10	37	11	34	15	27	29	163		
Unmatched	0	1	1	0	1	0	0	3		
Total Enrollment	449	501	396	554	450	458	844	3,652		
# Of Transfers In[2]	395	131	304	259	63	181				
% Of Transfers In	88%	26%	77%	47%	14%	40%				

1 Matrix includes only students attending a PUSD school
2 Transfers In Excludes Special Education and Unmatched
3 Does not include 14 students at Focus Point Academy

High School Attendance Matrix of Pasadena USD Students[1]

	High School of Attendance			District Wide		Resident PUSD Student Statistics		
High School Attendance Areas	Blair HS	Muir HS	Pasadena HS	Marshall	Rose City HS	Total # of PUSD Students Residing in Each HS Attendance Area	# of PUSD Students Attending School of Residence	# of PUSD Students Attending School of Residence
Blair HS	77	13	73	55	9	227	77	34%
Muir HS	291	746	586	507	95	2,225	746	34%
Pasadena HS	97	17	948	498	27	1,587	948	60%
Out Of District	35	14	56	20	10	135		
Special Education[3]	22	66	60	59	0	207		
Unmatched	0	2	1	2	0	5		
Total Enrollment	522	858	1,724	1,141	141	4,386		
# Of Transfers In[2]	423	44	715					
% Of Transfers In	81%	5%	41%					

1 Matrix includes only students attending a PUSD school
2 Transfers In Excludes Special Education and Unmatched
3 Does not include 37 students at Focus Point Academy

Marshall Preference Area Matrix[1]

School of Residence	Attendance Areas	Grades 6-8 Attendance							Grades 9-12 Attendance				IS	Resident PUSD Students
		Marshall	Blair IB	Eliot MS	McKinley MS	Sierra Madre MS	Washigton MS	Wilson MS	Marshall	Blair IB	Pasadena HS	Rose City HS	Ind. Study	Total # of PUSD Students Residing in Preference Area
	Marshall Preference Area	121	12	16	2	18	3	7	158	10	83	2	12	444
	Special Education	4	2	1	0	1	0	2	3	1	2	0	0	16
	Total Enrollment Preference Area	125	14	17	2	19	3	9	161	11	85	2	12	460

1 Matrix includes only students Residing in Marshall Preference Area

Field ES Preference Area Matrix[1]

School of Residence	Attendance Areas	Grades TK-5 Attendance											Resident PUSD Students
		Field ES	Don Benito	Hamilton ES	Jackson ES	Jefferson ES	McKinley ES	Norma Coombs	San Rafael ES	Sierra Madre ES	Webster ES	Willard ES	Total # of PUSD Students Residing in Preference Area
	Field ES Preference Area	45	77	5	1	3	4	22	4	24	7	10	202
	Total Enrollment Preference Area	45	77	5	1	3	4	22	4	24	7	10	202

1 Matrix includes only students residing in the Field ES Preference Area

San Rafael ES Preference Area Matrix[1]

School of Residence	Attendance Areas	Grades TK-5 Attendance							Resident PUSD Students
		San Rafael ES	Field ES	Franklin ES	Hamilton ES	McKinley ES	Sierra Madre ES	Willard ES	Total # of PUSD Students Residing in Preference Area
	San Rafael ES Preference Area	73	2	1	6	9	3	3	97
	Total Enrollment Preference Area	73	2	1	6	9	3	3	97

1 Matrix includes only students residing in the San Rafael ES Preference Area

SECTION THREE – DISTRICT WIDE STUDENT POPULATION PROJECTION

      The student population is projected out seven years for each of the study areas, attendance areas and for the entire Pasadena Unified School District. The District Wide Summary enables the District to see a broad overview of future population shifts and what impact these shifts may have on existing and future facilities. Each attendance area is summarized to give a more local view of population changes and identify variances in the district. The study area listings enable the District to monitor student population growth or decline in neighborhood areas within the District.

      Together, these forecast summaries; present the means for identifying the timing of future population shifts and overall facility adjustments needed to accommodate these shifts. At any time, study areas and their projected resident students can be shifted between schools to assist in balancing enrollment, school consolidation among various other analyses.

DRAFT Rev. 2

DISTRICT-WIDE SUMMARY

Projection Date 10/04/2018

				Historic				Actual				Projected			
		2011/2012	2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025	2025/2026
	TK	0	85	103	158	146	213	210	153	153	149	150	133	153	153	153
	K	1,560	1,364	1,387	1,239	1,324	1,251	1,212	1,122	1,124	1,094	1,102	975	1,122	1,122	1,122
	1	1,512	1,517	1,386	1,399	1,240	1,291	1,230	1,175	1,097	1,098	1,068	1,076	954	1,097	1,097
	2	1,399	1,397	1,396	1,308	1,328	1,190	1,252	1,173	1,130	1,057	1,057	1,029	1,037	920	1,057
	3	1,394	1,303	1,333	1,315	1,280	1,301	1,159	1,221	1,147	1,106	1,035	1,035	1,008	1,016	902
	4	1,317	1,306	1,227	1,274	1,300	1,269	1,277	1,108	1,199	1,126	1,086	1,017	1,016	991	998
	5	1,344	1,229	1,264	1,177	1,279	1,256	1,217	1,228	1,067	1,153	1,085	1,047	980	980	956
	6	1,229	1,240	1,099	1,155	1,126	1,186	1,163	1,111	1,133	983	1,065	1,002	967	909	905
	7	1,265	1,201	1,207	1,057	1,150	1,120	1,175	1,109	1,091	1,110	964	1,043	983	948	890
	8	1,288	1,230	1,165	1,169	1,029	1,133	1,090	1,104	1,075	1,055	1,075	934	1,012	952	921
	9	1,243	1,203	1,147	1,095	1,105	1,019	1,084	1,015	1,061	1,031	1,012	1,032	894	970	909
	10	1,277	1,188	1,143	1,102	1,079	1,107	1,016	1,043	1,002	1,048	1,017	998	1,018	881	958
	11	1,184	1,185	1,090	1,095	1,052	1,048	1,097	937	1,009	967	1,013	981	964	983	852
	12	1,147	1,112	1,108	1,045	1,047	1,038	1,019	1,044	906	978	938	981	953	933	952
Sub Total (Resident Students)	TK-5	8,526	8,201	8,096	7,870	7,897	7,771	7,557	7,180	6,916	6,782	6,583	6,312	6,270	6,278	6,284
	6-8	3,782	3,671	3,471	3,381	3,305	3,439	3,428	3,324	3,299	3,148	3,105	2,979	2,962	2,810	2,715
	9-12	4,851	4,688	4,488	4,337	4,283	4,212	4,216	4,039	3,979	4,024	3,980	3,992	3,828	3,768	3,671
	TK-12	17,159	16,560	16,055	15,588	15,485	15,422	15,201	14,543	14,193	13,953	13,668	13,282	13,060	12,855	12,670
Out of District Students	TK-5	216	272	286	359	407	406	434	460	460	460	460	460	460	460	460
	6-8	64	58	67	78	84	96	122	162	162	162	162	162	162	162	162
	9-12	86	84	89	95	80	94	113	135	135	135	135	135	135	135	135
	TK-12	366	414	442	532	571	596	669	757	757	757	757	757	757	757	757
Special Education Students	TK-5	275	289	252	270	271	290	240	195	188	184	179	171	170	170	171
	6-8	187	168	185	181	179	173	213	177	176	168	165	159	158	150	145
	9-12	234	239	246	246	260	278	245	244	240	243	240	241	231	228	222
	TK-12	696	696	683	697	710	741	698	616	604	595	585	571	559	548	537
Unmatched Students	TK-5	11	5	3	4	6	0	3	9	9	9	9	9	9	9	9
	6-8	1	2	1	0	1	0	0	4	4	4	4	4	4	4	4
	9-12	0	0	5	0	0	0	0	4	4	4	4	4	4	4	4
	TK-12	12	7	9	4	7	0	3	17	17	17	17	17	17	17	17
C.I.S.	9-12	268	239	247	220	234	216	200	230	227	229	227	227	218	215	209
Total Student Enrollment	TK-5	9,028	8,767	8,637	8,503	8,581	8,467	8,234	7,844	7,573	7,435	7,231	6,953	6,909	6,917	6,924
	6-8	4,034	3,899	3,724	3,640	3,569	3,708	3,763	3,667	3,641	3,481	3,436	3,303	3,286	3,125	3,026
	9-12	5,439	5,250	5,075	4,898	4,857	4,800	4,774	4,652	4,584	4,635	4,586	4,599	4,416	4,349	4,240
	K-12	18,501	17,916	17,436	17,041	17,007	16,975	16,771	16,163	15,798	15,551	15,253	14,855	14,611	14,391	14,190
Annual Change in Enrollment	TK-5	-261	-130	-134	78	-114	-233		-390	-271	-138	-204	-278	-43	8	7
	6-8	-135	-175	-84	-71	139	55		-96	-26	-159	-45	-133	-17	-160	-99
	9-12	-189	-175	-177	-41	-57	-26		-122	-68	51	-49	13	-183	-68	-108
	TK-12	-585	-480	-395	-34	-32	-204		-608	-365	-246	-298	-398	-244	-220	-201

Notes regarding District Summary are on Page 18

DRAFT Rev. 2

Historic K-12 Student Enrollment
Fall 2000/01 - Fall 2018/19
Projected TK-12 Student Population
Fall 2019/20 - Fall 2025/26

Enrollment 2000/01 thru 2017/18

Forecast 2019/20 thru 2025/26

Year	Enrollment
2000/01	23,559
2001/02	23,447
2002/03	23,282
2003/04	22,669
2004/05	22,228
2005/06	21,109
2006/07	20,692
2007/08	20,157
2008/09	19,626
2009/10	19,130
2010/11	18,663
2011/12	18,501
2012/13	17,916
2013/14	17,436
2014/15	17,041
2015/16	17,007
2016/17	16,975
2017/18	16,771
Actual 2018/19	16,163
2019/20	15,813
2020/21	15,579
2021/22	15,294
2022/23	14,912
2023/24	14,684
2024/25	14,478
2025/26	14,291

District-Wide Summary Notes

- Students attending the Focus Point, Burbank Special, PALS, Home/Hospital and Non-Public Schools are excluded from the District-Wide Summary.

- There are 160 TK students. 153 resident and 7 outside of the district boundaries.

- In 2018/19 there were approximately 616 special education students.

- There are 230 Independent Study students. 205 students attending CIS and 25 student attending Rose City HS.

- There are 816 pre-kindergarten students not included in the projections

SECTION FOUR – ATTENDANCE AREA PROJECTIONS BY RESIDENCE

Elementary School Attendance Areas
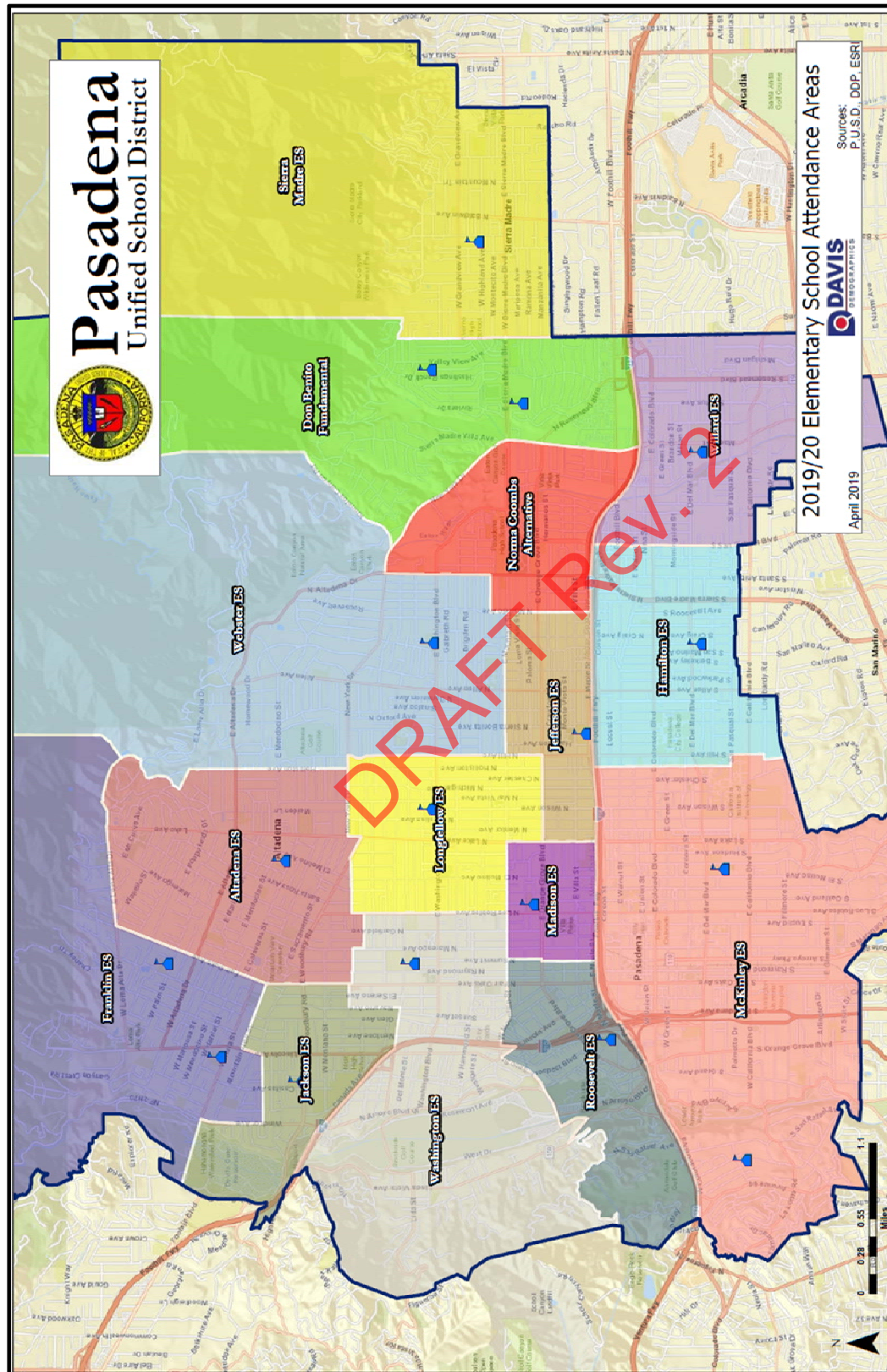
Elementary School Forecast by Residence

Attendance Area Altadena ES — Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	15	11	11	9	9	9	9	9	9	9	9
K	92	90	70	92	100	91	90	83	92	92	92
1	92	94	92	69	93	101	92	91	84	93	93
2	88	90	99	84	68	91	99	90	89	82	91
3	110	86	85	103	83	67	90	98	89	88	81
4	115	101	86	79	98	79	64	86	93	85	84
5	105	106	91	96	77	95	77	62	83	90	82
TK-5	617	578	534	532	527	533	520	518	539	539	532

Attendance Area Don Benito ES — Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	1	4	3	5	5	5	5	5	5	5	5
K	36	33	45	35	39	38	37	31	35	35	35
1	23	35	33	42	34	38	36	36	30	34	34
2	25	27	34	27	41	33	37	35	34	29	33
3	28	30	22	30	26	39	31	35	34	33	28
4	41	26	32	24	31	26	40	32	36	35	34
5	28	40	26	28	23	29	25	38	31	34	33
TK-5	182	195	195	191	198	208	211	212	205	205	201

Attendance Area Franklin ES — Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	6	16	16	4	4	4	4	4	4	4	4
K	89	67	68	50	55	50	50	47	50	50	50
1	63	83	66	63	48	53	48	47	44	48	48
2	81	52	74	65	57	43	47	43	42	40	43
3	82	78	56	70	64	56	42	47	43	42	39
4	66	89	72	55	70	64	56	42	47	43	42
5	82	67	91	70	55	70	64	56	42	47	43
TK-5	469	452	443	377	353	340	312	286	272	273	268

Attendance Area Hamilton ES — Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	4	15	12	14	14	14	14	14	14	14	14
K	88	79	75	84	90	88	86	74	84	84	84
1	77	88	70	84	84	90	88	86	74	84	84
2	73	72	83	74	82	82	88	85	84	72	82
3	68	78	75	80	76	83	83	89	87	85	73
4	60	73	73	68	78	73	81	81	87	84	83
5	64	64	72	69	68	78	73	81	81	87	84
TK-5	434	469	460	473	491	508	513	510	510	510	504

Does not include: Inter-district transfers, special education students and students unable to be address matched.

Elementary School Forecast by Residence

Attendance Area Jackson ES   Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	1	7	14	14	14	14	14	14	14	14	14
K	86	85	72	61	65	60	60	54	61	61	61
1	89	84	83	67	59	63	58	57	52	59	59
2	105	94	83	78	67	59	63	58	57	52	59
3	80	100	91	78	74	64	56	60	55	55	49
4	85	82	101	88	78	74	64	56	60	55	55
5	98	81	83	92	85	75	71	61	53	57	53
TK-5	544	533	527	478	442	408	385	360	352	352	349

Attendance Area Jefferson ES   Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	11	14	12	11	11	11	11	11	11	11	11
K	79	72	66	61	59	59	59	53	61	61	61
1	63	79	68	63	59	58	57	57	51	59	59
2	71	62	75	65	61	57	55	55	55	49	57
3	62	64	61	68	61	56	53	51	51	51	46
4	77	68	62	62	70	62	58	54	53	53	53
5	60	62	63	61	56	63	56	52	49	48	47
TK-5	423	421	407	391	376	366	349	334	331	332	334

Attendance Area Longfellow ES   Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	10	21	16	15	15	15	15	15	15	15	15
K	84	76	91	71	68	64	67	59	71	71	71
1	83	85	84	94	75	71	67	70	61	75	75
2	83	78	74	76	86	68	65	61	64	56	68
3	100	82	86	74	78	88	70	67	63	66	58
4	73	88	88	80	71	75	85	67	64	60	63
5	77	76	97	81	82	73	77	86	68	65	61
TK-5	510	506	536	491	474	453	444	424	406	407	410

Attendance Area Madison ES   Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	26	32	19	18	18	18	18	18	18	18	18
K	141	132	130	116	112	108	108	94	116	116	116
1	152	142	120	132	114	109	105	106	92	114	114
2	145	144	131	115	124	107	103	99	100	86	107
3	147	140	131	119	107	115	99	96	92	93	80
4	138	141	128	123	112	101	109	93	90	87	87
5	127	142	118	120	114	104	94	101	87	84	81
TK-5	876	873	777	743	701	662	636	607	594	597	603

Does not include: Inter-district transfers, special education students and students unable to be address matched.

Elementary School Forecast by Residence

| Attendance Area McKinley ES | | | | | | | | | Projection Date 10/3/2018 | |
| | Historic | | | ACTUAL | Projected Resident Students | | | | | | |
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	20	28	42	19	19	19	19	19	19	19	19
K	123	125	119	130	136	134	137	113	130	130	130
1	95	109	108	105	114	119	118	120	99	114	114
2	96	99	105	99	102	111	116	114	117	96	111
3	95	94	90	103	95	98	107	111	110	112	93
4	79	94	100	78	101	93	96	104	109	108	110
5	89	79	92	97	77	100	92	95	103	108	107
TK-5	597	628	656	631	644	674	684	677	687	687	683

| Attendance Area Norma Coombs | | | | | | | | | Projection Date 10/3/2018 | |
| | Historic | | | ACTUAL | Projected Resident Students | | | | | | |
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	3	10	3	3	3	3	3	3	3	3	3
K	33	34	41	28	31	30	29	25	28	28	28
1	33	34	39	39	29	32	31	30	26	29	29
2	46	33	32	40	39	29	32	31	30	25	29
3	30	43	37	33	41	39	29	32	31	31	26
4	45	36	42	30	32	40	39	29	32	31	30
5	34	45	36	41	30	32	40	38	29	32	30
TK-5	224	235	230	214	204	205	202	188	178	178	175

| Attendance Area Roosevelt ES | | | | | | | | | Projection Date 10/3/2018 | |
| | Historic | | | ACTUAL | Projected Resident Students | | | | | | |
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	2	7	4	5	5	5	5	5	5	5	5
K	47	55	50	43	42	42	42	35	43	43	43
1	69	48	55	45	42	41	40	41	34	42	42
2	56	66	44	55	43	40	39	39	39	33	40
3	57	48	55	45	49	38	36	35	35	35	29
4	58	51	47	54	43	47	37	34	33	33	33
5	59	56	53	49	55	43	47	37	34	34	33
TK-5	348	331	308	296	278	256	246	225	223	224	225

| Attendance Area Sierra Madre ES | | | | | | | | | Projection Date 10/3/2018 | |
| | Historic | | | ACTUAL | Projected Resident Students | | | | | | |
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	6	2	7	8	8	8	8	8	8	8	8
K	75	79	83	95	70	83	88	92	95	95	95
1	79	76	80	85	97	71	85	90	94	97	97
2	79	75	79	82	85	97	71	85	90	94	97
3	81	80	79	82	85	88	100	74	87	92	97
4	90	83	90	80	86	89	92	105	77	92	97
5	99	85	83	85	77	83	85	88	101	74	88
TK-5	509	480	501	517	507	518	529	541	552	552	578

Does not include: Inter-district transfers, special education students and students unable to be address matched.
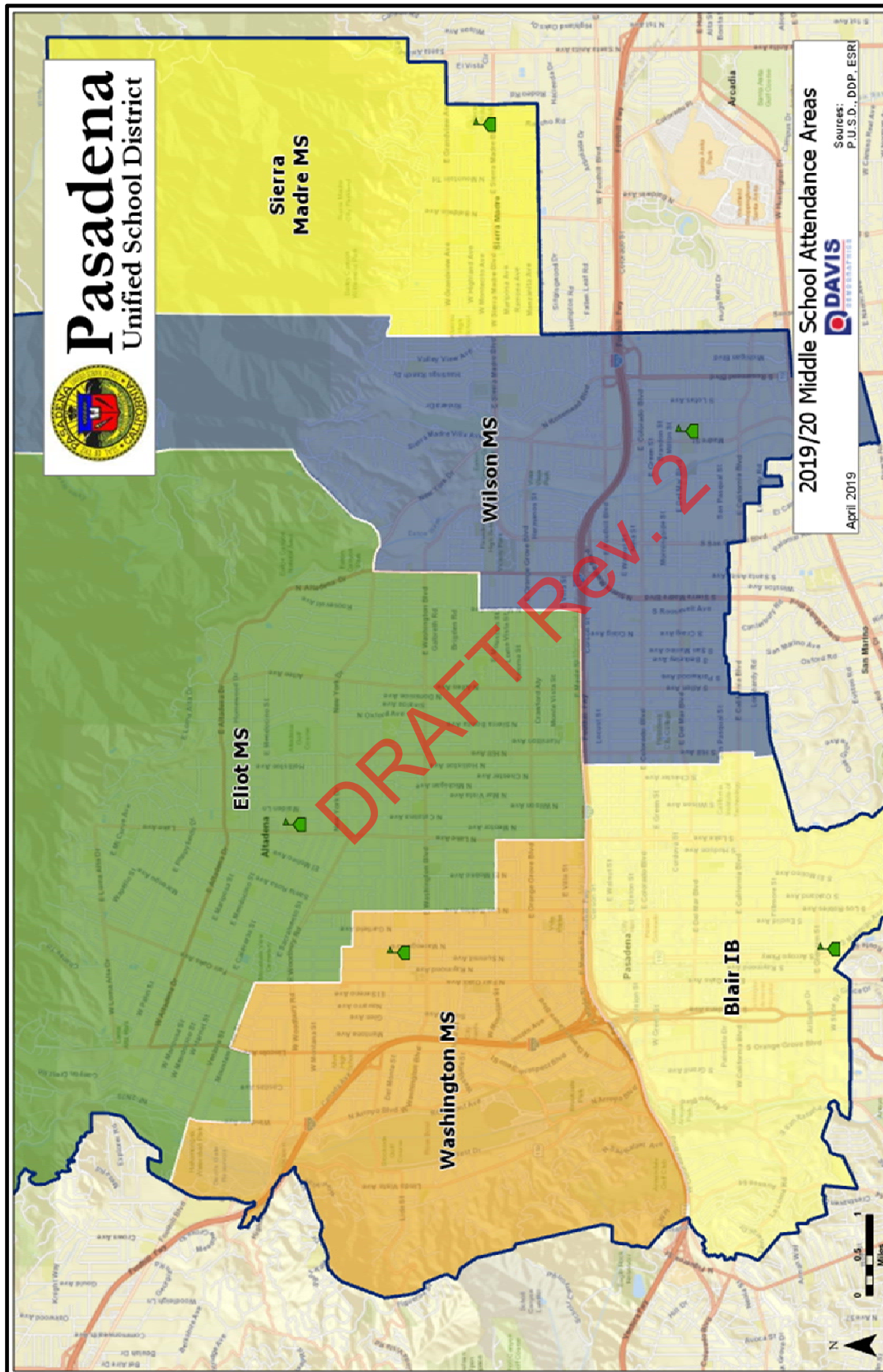
Elementary School Forecast by Residence

Attendance Area Washington ES									Projection Date 10/3/2018	
	Historic			ACTUAL	Projected Resident Students					
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	13	16	19	11	11	11	11	11	11	11	11
K	137	137	123	134	131	128	129	109	134	134	134
1	152	130	139	148	129	125	123	124	105	129	129
2	164	142	132	160	142	124	120	118	119	101	124
3	148	159	133	158	155	138	120	117	114	115	98
4	161	143	137	154	149	146	130	113	110	107	109
5	143	159	124	166	145	140	137	122	106	103	101
TK-5	918	886	807	931	861	811	770	713	699	700	704

Attendance Area Webster ES									Projection Date 10/3/2018	
	Historic			ACTUAL	Projected Resident Students					
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	6	6	10	8	8	8	8	8	8	8	8
K	96	73	68	58	58	54	55	49	58	58	58
1	71	94	76	65	57	57	53	55	49	57	57
2	103	63	89	74	61	54	54	50	52	46	54
3	90	97	56	92	71	59	52	52	48	50	44
4	100	87	94	61	92	71	59	52	52	48	50
5	90	90	83	94	58	87	68	56	49	49	46
TK-5	556	510	476	452	405	390	349	321	315	316	317

Attendance Area Willard ES									Projection Date 10/3/2018	
	Historic			ACTUAL	Projected Resident Students					
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
TK	9	12	12	9	9	9	9	9	9	9	9
K	82	77	78	64	69	67	66	59	64	64	64
1	73	78	84	74	64	69	67	66	59	64	64
2	77	68	87	79	74	64	69	67	66	59	64
3	72	85	73	86	83	78	67	72	70	69	62
4	63	77	88	72	89	85	80	69	74	72	71
5	83	61	72	79	67	82	80	74	64	69	67
TK-5	459	458	494	463	454	454	437	417	407	407	402

Does not include: Inter-district transfers, special education students and students unable to be address matched.

Middle School Attendance Areas

Middle School Forecast by Residence

Attendance Area Blair IB — Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
K	123	125	119	130	136	134	137	113	130	130	130
1	95	109	108	105	114	119	118	120	99	114	114
2	96	99	105	99	102	111	116	114	117	96	111
3	95	94	90	103	95	98	107	111	110	112	93
4	79	94	100	78	101	93	96	104	109	108	110
5	89	79	92	97	77	100	92	95	103	108	107
6	77	93	72	78	91	73	94	87	89	97	102
7	88	76	88	67	74	87	69	89	82	85	92
8	72	85	72	88	66	73	85	68	87	81	83
K-5	577	600	614	612	625	655	665	658	668	668	664
6-8	237	254	232	233	231	232	248	244	259	263	277

Attendance Area Eliot MS — Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
K	440	378	363	332	340	318	321	290	332	332	332
1	372	435	386	354	332	339	317	320	289	332	332
2	426	345	411	364	331	312	320	299	302	272	312
3	444	407	344	407	357	326	307	314	293	296	268
4	431	433	402	337	401	352	321	301	308	288	291
5	414	401	425	402	327	388	341	312	292	299	279
6	351	379	392	380	373	304	360	317	290	271	278
7	376	347	387	369	375	366	299	353	312	286	266
8	328	360	345	360	355	361	352	287	340	300	275
K-5	2,527	2,399	2,331	2,196	2,088	2,035	1,927	1,836	1,816	1,819	1,813
6-8	1,055	1,086	1,124	1,109	1,103	1,030	1,011	957	941	857	819

Attendance Area Sierra Madre MS — Projection Date 10/3/2018

	Historic			ACTUAL	Projected Resident Students						
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
K	75	79	83	95	70	83	88	92	95	95	95
1	79	76	80	85	97	71	85	90	94	97	97
2	79	75	79	82	85	97	71	85	90	94	97
3	81	80	79	82	85	88	100	74	87	92	97
4	90	83	90	80	86	89	92	105	77	92	97
5	99	85	83	85	77	83	85	88	101	74	88
6	93	96	88	93	88	80	86	89	92	105	77
7	78	96	91	89	93	88	80	86	89	92	105
8	64	78	92	83	85	89	85	77	83	85	88
K-5	503	478	494	509	499	510	521	533	544	544	570
6-8	235	270	271	265	267	258	251	251	263	281	270

Does not include: Inter-district transfers, special education students and student unable to be address matched.

Middle School Forecast by Residence

| Attendance Area Washington MS | | | | | | | | | | Projection Date 10/3/2018 |
| | Historic | | | ACTUAL | Projected Resident Students | | | | | |
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
K	447	446	408	354	350	337	339	292	354	354	354
1	488	436	430	392	343	338	327	328	282	343	343
2	506	471	421	408	376	329	325	314	315	271	329
3	462	484	439	400	385	355	310	307	296	297	256
4	491	447	450	419	381	367	338	296	292	282	283
5	468	481	411	427	398	362	349	321	280	277	268
6	398	426	417	384	385	358	326	314	289	253	250
7	429	395	421	396	376	376	350	319	307	282	247
8	395	434	374	389	383	362	362	336	307	295	272
K-5	2,862	2,765	2,559	2,400	2,233	2,089	1,988	1,856	1,820	1,825	1,832
6-8	1,222	1,255	1,212	1,169	1,143	1,095	1,038	968	903	830	769

| Attendance Area Wilson MS | | | | | | | | | | Projection Date 10/3/2018 |
| | Historic | | | ACTUAL | Projected Resident Students | | | | | |
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
K	239	223	239	211	229	222	218	189	211	211	211
1	206	235	226	239	211	229	222	218	189	211	211
2	221	200	236	220	235	207	225	218	214	186	207
3	198	236	207	229	225	239	211	229	222	218	189
4	209	212	235	194	229	225	239	211	229	222	217
5	209	210	206	217	188	221	217	231	204	221	215
6	207	192	194	176	196	169	200	197	207	183	199
7	179	206	188	188	173	193	167	197	193	204	180
8	170	176	207	184	187	171	191	166	196	192	202
K-5	1,282	1,316	1,349	1,310	1,317	1,344	1,332	1,296	1,269	1,269	1,251
6-8	556	574	589	548	556	533	557	559	596	579	581

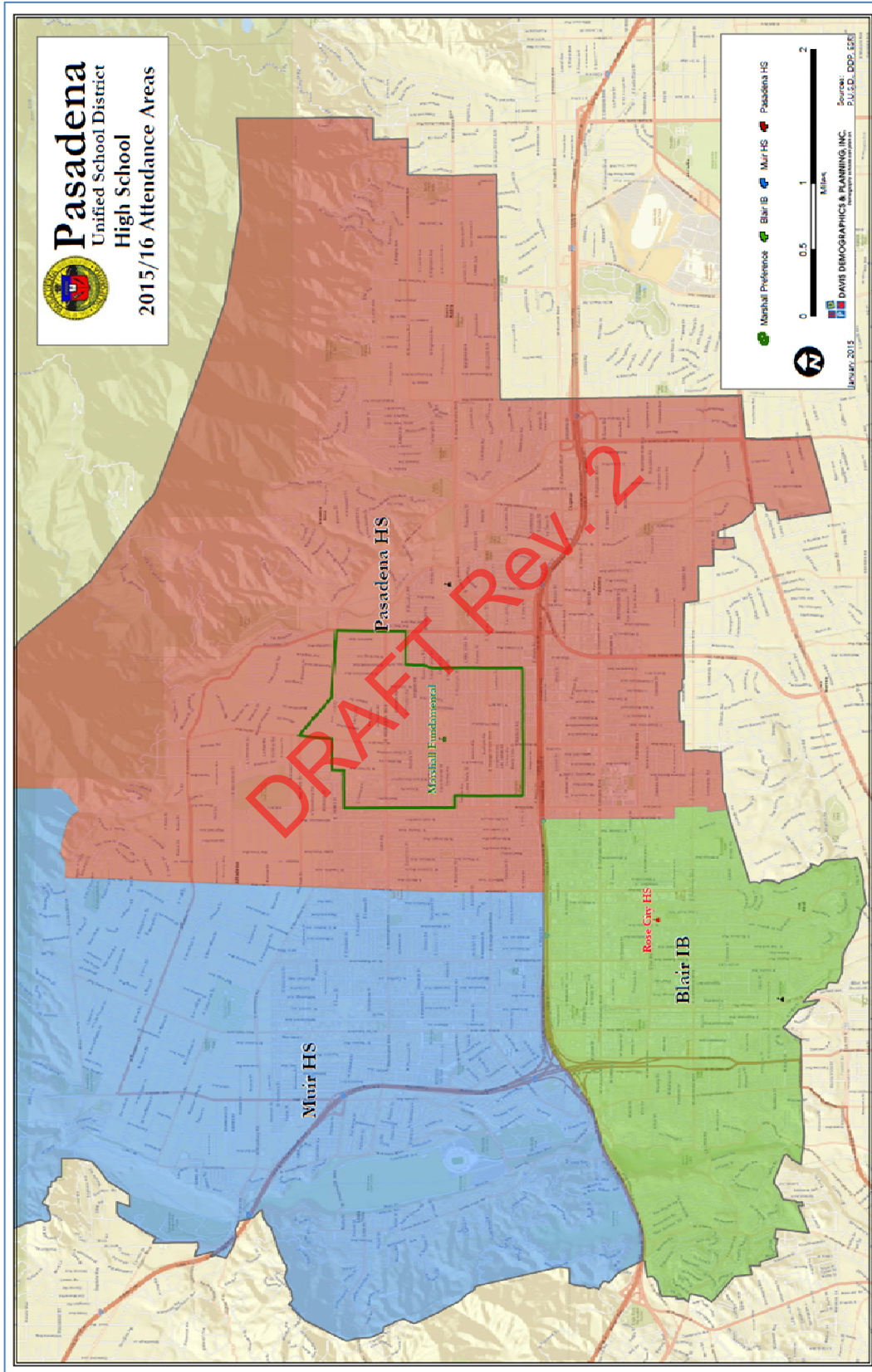Does not include: Inter-district transfers, special education students and student unable to be address matched.

High School Attendance Areas

High School Forecast by Residence

Attendance Area Blair IB										Projection Date 10/3/2018
	Historic			**ACTUAL**	**Projected Resident Students**					
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
K	123	125	119	130	136	134	137	113	130	130	130
1	95	109	108	105	114	119	118	120	99	114	114
2	96	99	105	99	102	111	116	114	117	96	111
3	95	94	90	103	95	98	107	111	110	112	93
4	79	94	100	78	101	93	96	104	109	108	110
5	89	79	92	97	77	100	92	95	103	108	107
6	77	93	72	78	91	73	94	87	89	97	101
7	88	76	88	67	74	87	69	89	82	85	92
8	72	85	72	88	66	73	85	68	88	81	83
9	50	59	80	59	77	57	63	74	59	76	70
10	47	55	64	61	56	72	54	59	69	55	72
11	42	57	58	56	63	58	75	56	62	72	58
12	49	43	46	51	50	57	52	67	50	56	65
K-5	577	600	614	612	625	655	665	658	668	668	664
6-8	237	254	232	233	231	232	248	244	259	263	277
9-12	188	214	248	227	246	244	244	257	240	259	264

Attendance Area Muir HS										Projection Date 10/3/2018
	Historic			**ACTUAL**	**Projected Resident Students**					
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
K	676	631	596	533	539	511	513	451	533	533	533
1	671	659	619	574	522	528	500	502	442	522	522
2	700	645	634	581	546	498	503	477	479	421	498
3	695	679	615	614	558	525	479	485	459	461	406
4	699	672	642	586	588	535	503	459	464	439	441
5	691	683	635	620	564	567	515	485	442	448	424
6	576	627	617	578	562	510	515	467	440	402	407
7	621	570	637	585	568	550	500	504	458	432	393
8	561	607	545	593	563	545	528	480	484	439	415
9	615	565	586	545	593	559	544	527	478	484	438
10	589	617	550	567	536	584	551	534	518	469	476
11	633	572	621	531	558	527	574	540	525	510	462
12	595	620	559	582	510	537	507	553	520	504	490
K-5	4,132	3,969	3,741	3,508	3,317	3,163	3,013	2,858	2,819	2,824	2,824
6-8	1,758	1,804	1,799	1,756	1,693	1,605	1,543	1,450	1,382	1,273	1,214
9-12	2,432	2,374	2,316	2,225	2,198	2,207	2,175	2,154	2,041	1,967	1,867

Does not include: Inter-district transfers, special education students and student unable to be address matched

High School Forecast by Residence

| Attendance Area Pasadena HS | | | | | | | | | | Projection Date 10/3/2018 |
| | Historic | | | ACTUAL | Projected Resident Students | | | | | | |
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26
K	525	495	497	459	450	449	453	412	459	459	459
1	474	523	503	496	460	451	450	453	413	460	460
2	532	446	513	493	482	448	438	438	441	402	448
3	490	528	454	504	494	483	449	439	439	443	404
4	522	503	535	444	509	498	487	454	443	444	447
5	499	494	490	511	425	486	477	467	435	424	426
6	473	466	474	455	480	400	457	449	438	410	396
7	441	474	450	457	449	473	395	450	443	432	405
8	396	441	473	423	447	438	462	386	441	433	423
9	440	395	418	411	392	414	405	431	357	411	400
10	443	435	402	415	411	391	412	405	430	356	410
11	377	419	418	350	387	383	364	385	377	401	332
12	403	375	414	411	345	384	380	361	383	373	397
K-5	3,042	2,989	2,992	2,907	2,820	2,814	2,754	2,663	2,630	2,632	2,643
6-8	1,310	1,381	1,397	1,335	1,376	1,311	1,314	1,285	1,322	1,275	1,224
9-12	1,663	1,624	1,652	1,587	1,535	1,573	1,561	1,582	1,547	1,541	1,539

Does not include: Inter-district transfers, special education students and student unable to be address matched

APPENDIX A – PUSD STUDENT DEMOGRAPHIC SUMMARY

Breakdown of reported race and ethnicity gathered from PUSD student records for the 2013/14 to 2018/19 school years.

Reported Race

	2013/14		2014/15		2015/16		2016/17		2017/18		2018/19	
American Indian or Alaskan Native	632	3.6%	573	3.3%	533	3.1%	510	3.0%	510	2.9%	446	2.7%
ArmenianConverts to White	169	1.0%	190	1.1%	165	1.0%	216	1.3%	226	1.3%	210	1.3%
Asian Indian	84	0.5%	98	0.6%	109	0.6%	106	0.6%	128	0.7%	115	0.7%
Black or African American	3,021	17.3%	2,839	16.6%	2,725	16.0%	2,678	15.8%	2,734	15.4%	2,442	15.0%
Cambodian	13	0.1%	13	0.1%	12	0.1%	11	0.1%	13	0.1%	14	0.1%
Chinese	391	2.2%	441	2.6%	484	2.8%	502	3.0%	548	3.1%	552	3.4%
Filipino	403	2.3%	394	2.3%	404	2.4%	421	2.5%	437	2.5%	405	2.5%
Guamanian	3	0.0%	5	0.0%	5	0.0%	4	0.0%	2	0.0%	3	0.0%
Hawaiian	13	0.1%	20	0.1%	23	0.1%	21	0.1%	20	0.1%	12	0.1%
Hmong	2	0.0%	2	0.0%	2	0.0%	0	0.0%	1	0.0%	0	0.0%
Japanese	113	0.6%	119	0.7%	113	0.7%	119	0.7%	130	0.7%	119	0.7%
Korean	212	1.2%	204	1.2%	186	1.1%	185	1.1%	212	1.2%	179	1.1%
Laotian	27	0.2%	25	0.1%	24	0.1%	20	0.1%	15	0.1%	11	0.1%
Other Asian	73	0.4%	88	0.5%	96	0.6%	101	0.6%	105	0.6%	98	0.6%
Other Pacific Islander	35	0.2%	40	0.2%	35	0.2%	34	0.2%	33	0.2%	33	0.2%
Refuse to state	595	3.4%	562	3.3%	467	2.7%	393	2.3%	418	2.3%	396	2.4%
Samoan	2	0.0%	2	0.0%	1	0.0%	1	0.0%	1	0.0%	1	0.0%
Tahitian	1	0.0%	1	0.0%	1	0.0%	1	0.0%	1	0.0%	0	0.0%
Vietnamese	62	0.4%	60	0.4%	62	0.4%	64	0.4%	60	0.3%	54	0.3%
White	11,600	66.5%	11,431	66.8%	11,560	68.0%	11,588	68.3%	12,203	68.5%	11,172	68.7%
No Data	0	0.0%	0	0.0%	0	0.0%	0	0.0%	8	0.0%	0	0.0%
Total	**17,451**		**17,107**		**17,007**		**16,975**		**17,805**		**16,262**	

Reported Ethnicity

	2013/14		2014/15		2015/16		2016/17		2017/18		2018/19	
Hispanic or Latino	10,531	60.3%	10,333	60.4%	10,331	60.7%	10,281	60.6%	10,655	59.8%	9,776	60.1%
Not Hispanic or Latino	6,855	39.3%	6,690	39.1%	6,589	38.7%	6,604	38.9%	7,068	39.7%	6,419	39.5%
Refused to state	65	0.4%	84	0.5%	87	0.5%	90	0.5%	77	0.4%	67	0.4%
No Data	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5	0.0%	0	0.0%
Total	**17,451**		**17,107**		**17,007**		**16,975**		**17,805**		**16,262**	

Demographics – TK-12 Pasadena USD Students Only

Race	Ethnicity	2013/14		2014/15		2015/16		2016/17		2017/18		2018/19	
American Indian or Alaskan Native	No not Hispanic or Latino	71	0.4%	71	0.4%	70	0.4%	73	0.4%	77	0.4%	60	0.4%
American Indian or Alaskan Native	Refuse to state	2	0.0%	3	0.0%	3	0.0%	3	0.0%	3	0.0%	1	0.0%
American Indian or Alaskan Native	Yes Hispanic or Latino	559	3.2%	499	2.9%	460	2.7%	434	2.6%	430	2.4%	385	2.4%
ArmenianConverts to White	No not Hispanic or Latino	160	0.9%	174	1.0%	146	0.9%	195	1.1%	198	1.1%	180	1.1%
ArmenianConverts to White	Yes Hispanic or Latino	9	0.1%	16	0.1%	19	0.1%	21	0.1%	28	0.2%	30	0.2%
Asian Indian	No not Hispanic or Latino	77	0.4%	90	0.5%	94	0.6%	89	0.5%	113	0.6%	104	0.6%
Asian Indian	Refuse to state	0	0.0%	1	0.0%	1	0.0%	1	0.0%	1	0.0%	1	0.0%
Asian Indian	Yes Hispanic or Latino	7	0.0%	7	0.0%	14	0.1%	16	0.1%	14	0.1%	10	0.1%
Black or African American	No not Hispanic or Latino	2,639	15.1%	2,453	14.3%	2,315	13.6%	2,253	13.3%	2,305	12.9%	2,043	12.6%
Black or African American	Refuse to state	9	0.1%	7	0.0%	9	0.1%	11	0.1%	12	0.1%	11	0.1%
Black or African American	Yes Hispanic or Latino	373	2.1%	379	2.2%	400	2.4%	414	2.4%	417	2.3%	388	2.4%
Cambodian	No not Hispanic or Latino	8	0.0%	8	0.0%	7	0.0%	6	0.0%	8	0.0%	9	0.1%
Cambodian	Yes Hispanic or Latino	5	0.0%	5	0.0%	5	0.0%	5	0.0%	5	0.0%	5	0.0%
Chinese	No not Hispanic or Latino	352	2.0%	400	2.3%	441	2.6%	457	2.7%	498	2.8%	495	3.0%
Chinese	Refuse to state	7	0.0%	9	0.1%	10	0.1%	9	0.1%	8	0.0%	11	0.1%
Chinese	Yes Hispanic or Latino	32	0.2%	32	0.2%	33	0.2%	36	0.2%	42	0.2%	46	0.3%
Filipino	No not Hispanic or Latino	351	2.0%	338	2.0%	350	2.1%	360	2.1%	365	2.0%	338	2.1%
Filipino	Refuse to state	1	0.0%	3	0.0%	2	0.0%	2	0.0%	2	0.0%	3	0.0%
Filipino	Yes Hispanic or Latino	51	0.3%	53	0.3%	52	0.3%	59	0.3%	70	0.4%	64	0.4%
Guamanian	No not Hispanic or Latino	1	0.0%	1	0.0%	2	0.0%	2	0.0%	2	0.0%	2	0.0%
Guamanian	Yes Hispanic or Latino	2	0.0%	4	0.0%	3	0.0%	2	0.0%	0	0.0%	1	0.0%
Hawaiian	No not Hispanic or Latino	5	0.0%	11	0.1%	14	0.1%	16	0.1%	18	0.1%	11	0.1%
Hawaiian	Yes Hispanic or Latino	8	0.0%	9	0.1%	9	0.1%	5	0.0%	2	0.0%	1	0.0%
Hmong	No not Hispanic or Latino	2	0.0%	2	0.0%	2	0.0%	0	0.0%	1	0.0%	0	0.0%
Japanese	No not Hispanic or Latino	92	0.5%	98	0.6%	95	0.6%	100	0.6%	107	0.6%	100	0.6%
Japanese	Yes Hispanic or Latino	21	0.1%	21	0.1%	18	0.1%	19	0.1%	23	0.1%	19	0.1%
Korean	No not Hispanic or Latino	201	1.2%	194	1.1%	177	1.0%	179	1.1%	206	1.2%	170	1.0%
Korean	Yes Hispanic or Latino	11	0.1%	10	0.1%	9	0.1%	6	0.0%	6	0.0%	9	0.1%
Laotian	No not Hispanic or Latino	3	0.0%	3	0.0%	3	0.0%	3	0.0%	3	0.0%	7	0.0%
Laotian	Yes Hispanic or Latino	24	0.1%	22	0.1%	21	0.1%	17	0.1%	12	0.1%	4	0.0%
Other Asian	No not Hispanic or Latino	59	0.3%	75	0.4%	82	0.5%	87	0.5%	94	0.5%	88	0.5%
Other Asian	Yes Hispanic or Latino	14	0.1%	13	0.1%	14	0.1%	14	0.1%	11	0.1%	10	0.1%
Other Pacific Islander	No not Hispanic or Latino	22	0.1%	27	0.2%	23	0.1%	23	0.1%	23	0.1%	23	0.1%
Other Pacific Islander	Yes Hispanic or Latino	13	0.1%	13	0.1%	12	0.1%	11	0.1%	10	0.1%	10	0.1%
Refuse to state	No not Hispanic or Latino	17	0.1%	29	0.2%	21	0.1%	24	0.1%	39	0.2%	28	0.2%
Refuse to state	Refuse to state	45	0.3%	59	0.3%	59	0.3%	60	0.4%	49	0.3%	33	0.2%
Refuse to state	Yes Hispanic or Latino	532	3.0%	474	2.8%	388	2.3%	310	1.8%	330	1.9%	335	2.1%
Samoan	No not Hispanic or Latino	2	0.0%	2	0.0%	1	0.0%	1	0.0%	1	0.0%	1	0.0%
Tahitian	Yes Hispanic or Latino	1	0.0%	1	0.0%	1	0.0%	1	0.0%	1	0.0%	0	0.0%
Vietnamese	No not Hispanic or Latino	59	0.3%	57	0.3%	59	0.3%	62	0.4%	59	0.3%	53	0.3%
Vietnamese	Yes Hispanic or Latino	3	0.0%	3	0.0%	3	0.0%	2	0.0%	1	0.0%	1	0.0%
White	No not Hispanic or Latino	2,734	15.7%	2,657	15.5%	2,687	15.8%	2,674	15.8%	2,948	16.6%	2,711	16.7%
White	Refuse to state	1	0.0%	2	0.0%	4	0.0%	4	0.0%	2	0.0%	6	0.0%
White	Yes Hispanic or Latino	8,866	50.8%	8,772	51.3%	8,869	52.1%	8,909	52.5%	9,253	52.0%	8,455	52.0%
No Data/Incomplete Data	No Data/Incomplete Data	0	0.0%	0	0.0%	0	0.0%	0	0.0%	8	0.0%	0	0.0%
Total		**17,451**		**17,107**		**17,007**		**16,975**		**17,805**		**16,262**	

APPENDIX B – STUDENT CAPTURE RATE ANALYSIS

Estimated student capture rates are used to give the district a rough estimate of the school age population of each attendance area compared to the number of PUSD students residing there. School age population is derived from overlaying PUSD attendance areas onto ESRI's estimated population by census block data. The data was compiled by TK-12 and by TK-5, 6-8 and 9-12 grade ranges.

PUSD is capturing approximately 51% of the school age population residing within the district's boundaries. This is the lowest capture rate of the school districts within the San Gabriel Valley.

Student Capture Rate by Elementary School Attendance Area K-12				
Attendance Area	ESRI 2018 Estimated Grade K-12 (Age 5-17) Population[1]	2018/19 K-12 Students Enrolled in PUSD[2]	% Population	Potential Students
Altadena ES	2,570	1,152	45%	1,418
Don Benito	1,148	350	30%	798
Franklin ES	2,028	987	49%	1,041
Hamilton ES	1,697	897	53%	800
Jackson ES	1,426	1,001	70%	425
Jefferson ES	1,497	822	55%	675
Longfellow ES	1,957	1,033	53%	924
Madison ES	2,124	1,561	73%	563
McKinley School	3,657	1,127	31%	2,530
Norma Coombs	1,084	462	43%	622
Roosevelt ES	1,143	636	56%	507
Sierra Madre	1,557	984	63%	573
Washington ES*	3,566	2,186	61%	1,380
Webster ES	2,686	1,043	39%	1,643
Willard ES	1,712	969	57%	743
Pasadena U.S.D.	29,852	15,210	51%	14,642

1. ESRI Estimate

2. Students residing in PUSD and enrolled in a PUSD school. Including IS Students and Special Education Students

3. Does not include PUSD students residing out of the district boundaries

Comparison of Student Capture Rates 2015/16, 2016/17, 2017/18 and 2018/19

	Comparison of Student Capture Rates			
Attendance Area	**2015/16 Estimated** Percetage of Population Captured	**2016/17 Estimated** Percetage of Population Captured	**2017/18 Estimated** Percetage of Population Captured	**2018/19 Estimated** Percetage of Population Captured
Altadena ES	48%	46%	45%	45%
Cleveland ES[4]	42%	40%	38%	**NA**
Don Benito	32%	33%	34%	30%
Franklin ES	54%	52%	52%	49%
Hamilton ES	54%	57%	57%	53%
Jackson ES	77%	75%	75%	70%
Jefferson ES	60%	58%	58%	55%
Longfellow ES	56%	55%	56%	53%
Madison ES	92%	89%	78%	73%
McKinley School	30%	34%	33%	31%
Norma Coombs	47%	44%	44%	43%
Roosevelt ES	66%	65%	61%	56%
Sierra Madre	58%	59%	63%	63%
Washington ES[4]	84%	80%	76%	61%
Webster ES	44%	42%	41%	39%
Willard ES	55%	58%	58%	57%
Pasadena U.S.D.	**56%**	**55%**	**54%**	**51%**

1. ESRI Estimate
2. Students residing in PUSD and enrolled in a PUSD school. Including IS Students and Special Education Students
3. Does not include PUSD students residing out of the district boundaries
4. The Cleveland ES attendanced area will be merged into the Washington ES attendance areawhen Cleveland ES closes in the 2019/20 school year.

DAVIS DEMOGRAPHICS

Student Capture Rate by Middle School Attendance Area K-12

Attendance Area	ESRI 2018 Estimated Grade K-12 (Age 5-17) Population[1]	2018/19 K-12 Students Enrolled in PUSD[2]	% Population	Potential Students
Blair IB	3,658	1,127	31%	2,531
Eliot MS	10,739	5,037	47%	5,702
Sierra Madre MS	1,557	984	63%	573
Washington MS	8,258	5,384	65%	2,874
Wilson MS	5,640	2,678	47%	2,962
Pasadena U.S.D.	29,852	15,210	51%	14,642

1. ESRI Estimate

2. Students residing in PUSD and enrolled in a PUSD school. Including IS Students and Special Education Students

3. Does not include PUSD students residing out of the district boundaries

Student Capture Rate by High School Attendance Area K-12

Attendance Area	ESRI 2018 Estimated Grade K-12 (Age 5-17) Population[1]	2018/19 K-12 Students Enrolled in PUSD[2]	% Population	Potential Students
Blair IB	3,658	1,127	31%	2,531
Muir HS	13,196	7,963	60%	5,233
Pasadena HS	12,998	6,120	47%	6,878
Pasadena U.S.D.	29,852	15,210	51%	14,642

1. ESRI Estimate

2. Students residing in PUSD and enrolled in a PUSD school. Including IS Students and Special Education Students

3. Does not include PUSD students residing out of the district boundaries

1.

Student Capture Rate Analysis by Grade Ranges

Student Capture Rate by Elementary School Attendance Area K-12				
Attendance Area	**ESRI 2018 Estimated Grade K-12 (Age 5-17) Population[1]**	**2018/19 K-12 Students Enrolled in PUSD[2]**	**% Population**	**Potential Students**
Altadena ES (K-12)	2,570	1,152	45%	1,418
Altadena ES (K-5)	1,136	537	47%	599
Altadena ES (6-8)	596	279	47%	317
Altadena ES (9-12)	838	336	40%	502
Don Benito ES (K-12)	1,148	350	30%	798
Don Benito ES (K-5)	532	189	36%	343
Don Benito ES (6-8)	264	74	28%	190
Don Benito ES (9-12)	352	87	25%	265
Franklin ES (K-12)	2,028	987	49%	1,041
Franklin ES (K-5)	908	384	42%	524
Franklin ES (6-8)	472	245	52%	227
Franklin ES (9-12)	648	358	55%	290
Hamilton ES (K-12)	1,697	897	53%	800
Hamilton ES (K-5)	801	476	59%	325
Hamilton ES (6-8)	392	177	45%	215
Hamilton ES (9-12)	504	244	48%	260
Jackson ES (K-12)	1,426	1,001	70%	425
Jackson ES (K-5)	672	480	71%	192
Jackson ES (6-8)	333	220	66%	113
Jackson ES (9-12)	421	301	71%	120
Jefferson ES (K-12)	1,497	822	55%	675
Jefferson ES (K-5)	655	390	60%	265
Jefferson ES (6-8)	375	256	68%	119
Jefferson ES (9-12)	467	176	38%	291

Student Capture Rate by Elementary School Attendance Area K-12				
Attendance Area	**ESRI 2018 Estimated** **Grade K-12 (Age 5-17) Population[1]**	**2018/19 K-12 Students** **Enrolled in PUSD[2]**	**%** **Population**	**Potential Students**
Longfellow ES (K-12)	1,957	1,033	53%	924
Longfellow ES (K-5)	910	486	53%	424
Longfellow ES (6-8)	470	247	53%	223
Longfellow ES (9-12)	577	300	52%	277
Madison ES (K-12)	2,124	1,561	73%	563
Madison ES (K-5)	1,030	744	72%	286
Madison ES (6-8)	486	356	73%	130
Madison ES (9-12)	608	461	76%	147
McKinley School (K-12)	3,657	1,127	31%	2,530
McKinley School (K-5)	1,798	629	35%	1,169
McKinley School (6-8)	851	244	29%	607
McKinley School (9-12)	1,008	254	25%	754
Norma Coombs ES (K-12)	1,084	462	43%	622
Norma Coombs ES (K-5)	506	215	42%	291
Norma Coombs ES (6-8)	263	101	38%	162
Norma Coombs ES (9-12)	315	146	46%	169
Roosevelt ES (K-12)	1,143	636	56%	507
Roosevelt ES (K-5)	541	298	55%	243
Roosevelt ES (6-8)	257	134	52%	123
Roosevelt ES (9-12)	345	204	59%	141
				79
Sierra Madre ES (K-12)	1,557	984	63%	573
Sierra Madre ES (K-5)	703	521	74%	182
Sierra Madre ES (6-8)	375	190	51%	185
Sierra Madre ES (9-12)	479	273	57%	206

Student Capture Rate by Elementary School Attendance Area K-12				
Attendance Area	**ESRI 2018 Estimated** Grade K-12 (Age 5-17) Population[1]	**2018/19 K-12 Students** Enrolled in PUSD[2]	**%** Population	**Potential Students**
Washington ES (K-12)	3,566	2,186	61%	1,380
Washington ES (K-5)	1,607	950	59%	657
Washington ES (6-8)	829	526	63%	303
Washington ES (9-12)	1,130	710	63%	420
Webster ES (K-12)	2,686	1,043	39%	1,643
Webster ES (K-5)	1,173	459	39%	714
Webster ES (6-8)	653	242	37%	411
Webster ES (9-12)	860	342	40%	518
Willard ES (K-12)	1,712	969	57%	743
Willard ES (K-5)	767	462	60%	305
Willard ES (6-8)	404	220	54%	184
Willard ES (9-12)	541	287	53%	254

1. ESRI Estimate
2. Students residing in PUSD and enrolled in a PUSD school.
3. Does not include PUSD students residing out of the district boundaries

Student Capture Rate by Middle School Attendance Area K-12				
Attendance Area	**ESRI 2018 Estimated Grade K-12 (Age 5-17) Population[1]**	**2018/19 K-12 Students Enrolled in PUSD[2]**	**% Population**	**Potential Students**
Blair IB (K-12)	3,657	1,127	31%	2,530
Blair IB (K-5)	1,798	629	35%	1,169
Blair IB (6-8)	851	244	29%	607
Blair IB (9-12)	1,008	254	25%	754
Eliot MS (K-12)	10,738	5,037	47%	5,701
Eliot MS (K-5)	4,782	2,256	47%	2,526
Eliot MS (6-8)	2,567	1,189	46%	1,378
Eliot MS (9-12)	3,389	1,592	47%	1,797
Sierra Madre MS (K-12)	1,557	984	63%	586
Sierra Madre MS (K-5)	703	521	72%	203
Sierra Madre MS (6-8)	375	190	76%	91
Sierra Madre MS (9-12)	479	273	40%	292
Washington MS (K-12)	8,258	5,384	65%	2,874
Washington MS (K-5)	3,848	2,472	64%	1,376
Washington MS (6-8)	1,905	1,236	65%	669
Washington MS (9-12)	2,505	1,676	67%	829
Wilson MS (K-12)	5,640	2,678	47%	2,962
Wilson MS (K-5)	2,606	1,342	51%	1,264
Wilson MS (6-8)	1,324	572	43%	752
Wilson MS (9-12)	1,710	764	45%	946

1. ESRI Estimate
2. Students residing in PUSD and enrolled in a PUSD school.
3. Does not include PUSD students residing out of the district boundaries

Student Capture Rate by High School Attendance Area K-12				
Attendance Area	**ESRI 2018 Estimated Grade K-12 (Age 5-17) Population[1]**	**2018/19 K-12 Students Enrolled in PUSD[2]**	**% Population**	**Potential Students**
Blair IB (K-12)	3,657	1,127	31%	2,530
Blair IB (K-5)	1,798	629	35%	1,169
Blair IB (6-8)	851	244	29%	607
Blair IB (9-12)	1,008	254	25%	754
Muir HS (K-12)	13,196	7,963	60%	5,233
Muir HS (K-5)	6,096	3,611	59%	2,485
Muir HS (6-8)	3,049	1,871	61%	1,178
Muir HS (9-12)	4,051	2,481	61%	1,570
Pasadena HS (K-12)	12,995	6,120	47%	6,875
Pasadena HS (K-5)	5,843	2,980	51%	2,863
Pasadena HS (6-8)	3,120	1,399	45%	1,721
Pasadena HS (9-12)	4,032	1,741	43%	2,291

1. ESRI Estimate
2. Students residing in PUSD and enrolled in a PUSD school.
3. Does not include PUSD students residing out of the district boundaries

APPENDIX C – STAFFING FORECAST BY ENROLLMENT

TO BE COMPLETED IN FINAL REPORT

Pasadena Unified School District
Study Areas