



**DJUSD**

DAVIS JOINT UNIFIED  
SCHOOL DISTRICT

# **Student Population Forecast**

**By Residence**

## **School Year 2018-2019 Report**

**Forecast 2019-20 to 2028-29**

**Prepared by**



**March 14, 2019**

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## ***INTRODUCTION***

The Davis Joint Unified 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, address matching the current student file, developing and researching pertinent demographic data, identifying future residential development plans and developing a Ten year student population projection. DDP will then assist the District in developing solutions for housing future student population. Additionally, 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 Ten-year student population projection model.

The **Ten Year Projection 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 **District Student Resident Projection Summary** sections review the Fall 2018/19 student resident projection results. Included in these sections are a district wide student population projection 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 2018/19. Population demographics change, development plans change, funding opportunities can change, District priorities can change, and therefore, new projections and adjustments to the overall Master Plan will continue to be necessary in the future.

***EXECUTIVE SUMMARY***

From 2008/09 to 2009/10 the D.J.U.S.D. resident student population declined by 157 students. This decline was masked by an increase of 170 inter-district transfer students; resulting in a minimal net change in enrollment. This pattern of declining resident student population being masked by an increase of inter-district transfers has repeated itself on almost an annual basis. From 2008/09 to 2018/19 resident student population declined by 580 TK-12 students. Meanwhile, the number of out of district students increased by 790 students, an average increase of 79 inter-district transfer students annually over the last ten years.

The District continues to experience positive mobility (positive net student retention) in most areas. While some families continue to relocate to areas outside of the District, more families are moving in rather than leaving. This positive net retention has helped keep the D.J.U.S.D. enrollment near 8,500 for the last 13 years. However, in the 2018/19 school year there was a drop in positive net retention as compared to the last few years. This has resulted in a decline in the forecast.

Furthermore, there has been a decline in area births. Between 2012 and 2016 there was an average of 503 births annually, leading to a decrease in kindergarten class enrollment. The previous five year time period (2007 to 2011) averaged 530 births per year. Without, positive net migration and, to a lesser extent, new housing units, the D.J.U.S.D. would be experiencing overall declining enrollment.

Over the next three years (the 2019/20 to 2021/22 school years) the Davis Joint Unified School District is forecast to experience a decrease in enrollment, a total of about 82 TK-12 students. The decline can be attributed to a decrease in positive net migration of resident students and a decline in area births the following seven year period (2022/23 to 2028/29) is forecast to continue to decline at a rate of 24 TK-12 student annually.

It is important to remember that the further out a forecast goes; the greater margin of error is introduced. The declining enrollment at the tail end of the forecast is mainly a result of decreasing area births between 2012-2016 and the difficult task of forecasting future birth numbers. A change in the birth trend or an increase in residential development may alter the forecast.

## ***SOURCES OF DATA***

### **Geographic Map Data**

Four geographic data layers were updated for use in the ten-year student population projections:

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

#### **1) Street Centerline Data**

DDP has licensed a digital street centerline map of the School District from ETAK. The street database has associated attributes that contain, 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 geo-coding process of the student data. Each student is address matched to the streets by their given address. The geo-coding process places a point on the map for every student in the exact location of student residence. 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 used as boundaries for the study areas.

#### **2) Study Areas**

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

#### **3) Schools**

The District provided school facility location information to DDP for the purpose of mapping the District facilities.

#### **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 3 previous years' (2015/16, 2016/17 and 2017/18) address matched students as historical data.

**b. Current Student Data** - A student data file geocoded approximately October 3rd, 2018 summarized by grade level and by study area is used as a base for enrollment projections. Existing students were categorized by study area through the address matching process that locates each student within a particular area based upon their given address. The projections run each of the next ten years from fall 2019/20 through fall 2028/29.

The Student Accounting Summary (Table 1) indicates the total student enrollment as of October 3rd, 2018 and the number of students used in the ten year student population projections. The projection model is based upon student residence and excludes students residing outside of the District's boundaries, students unable to be address matched and Independent Study students.

<b>Student Accounting Summary</b>	
<b>School Year 2018/19 Actual Enrollment (10/03/18)</b>	
<b>Total Students Provided by District</b>	<b>8,580</b>
Students Residing out of District	-855
Independent Study Students	-102
<b>Students used in Residential Projections -</b>	<b>7,623</b>
Students Residing out of District	855
Independent Study Students	102
<b>D.J.U.S.D. 2018/19 TK-12 Enrollment -</b>	<b>8,580</b>

### Non-Geographic Data

Two basic sets of non-geographic data were compiled and reviewed for use in the ten-year student population projections 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 1994-2017 and roughly correlated to the Davis Joint Unified School District. Past changes in historical birthrates are used to estimate incoming kindergarten student population from existing housing.

**2) Mobility Factors** - Mobility refers to the increase/decrease in the migration of students within the District boundaries (move-in/move-out of students from existing housing). Mobility, similar to a cohort, is applied as a percentage of increase/decrease among each grade for every year of the projections

## ***TEN YEAR PROJECTION METHODOLOGY***

The projection methodology used in this study combines historical student population figures, past and present demographic characteristics, and planned residential development to forecast future student population at the study area level. District-wide projections are summarized from the individual study area projections. **These projections are based on where the students reside and their school of residence. DDP utilizes, 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 reside. The following details the methodology used in preparing the student population projections by residence.

### ***Ten-Year Projections***

Projections are calculated out ten years from the date of projection for several reasons. The planning horizon for any type of facility is typically no less than five years, often longer. Ten years are sufficient to adequately plan for a student population shift and facility restructuring. It is a short to midterm solution for planning needs. Projections beyond Ten years are based on speculation due to the lack of reliable information on birthrates, new home construction, economic conditions etc.

### ***Why Projections are Calculated by Residence***

Typically, school district projections are based on enrollment by school. However, this method is inadequate when used to locate future school facility requirements, 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 projection with demographic factors and actual student location. **DDP bases its projections on the belief that school facility planning is more accurate when facilities are located where the greatest number of students reside.**

The following details the methodology used in preparing the student population projections.

***1) Progression*** - Each year of the projections, 12<sup>th</sup> grade students graduate and continuing students progress through to the next grade level and kindergarten students start school. This normal progression of students is modified by the following factors:

***2) Incoming Kindergarten*** – Live birth data, reported to the California State Department of Health, by the resident postal zip code of the mother is used to project the base incoming kindergarten class. Additional kindergarten students may be added from future development. DDP uses birth data by zip code so, 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 and birthrates. Table 2 shows the total births for each zip code in the Davis Joint Unified School District from 1994 to 2017. Future kindergarten classes (2019/20-2028/29) are estimated by multiplying the existing kindergarten class (2018/19) by the ratio of the projected year's births to the 2013 births. Assuming that the fall 2018/19 kindergarten class was born in 2013, DDP compared the total births in 2013 to the total births in 2014 to determine a factor for next year's kindergarten class (fall 2019/20). Similarly, 2013 was compared to 2015 (fall 2019/20 K class), 2013 to 2016 (fall 2021/22 K class) and 2013 to 2017 (Fall 2022/23 K class).

	Birth by Zip Code			
	95616 & 95618	Change		
1994	565	113.7%		
1995	555	111.7%		
1996	555	111.7%		
1997	548	110.3%		
1998	591	118.9%		
1999	581	116.9%		
2000	637	128.2%		
2001	637	128.2%		
2002	622	125.2%		
2003	632	127.2%		
2004	600	120.7%		
2005	556	111.9%		
2006	607	122.1%		
2007	558	112.3%		
2008	580	116.7%		
2009	533	107.2%		
2010	496	99.8%		
2011	483	97.2%		
2012	524	105.4%		
2013	497	BASE	Incoming K	Year of
2014	488	98.2%	Projection	Projection
2015	531	106.8%	1.068	2019/20
2016	505	101.6%	1.016	2020/21
2017	475	95.6%	0.956	2021/22
			1.000	2022/23
			1.000	2023/24
			1.000	2024/25
			1.000	2025/26
			1.000	2026/27
			1.000	2027/28
			1.000	2028/29

Source: Vital Statistics of California, Birth Data by Zip code, 1994-2017

Comparison of Births vs. Kindergarten			
Birth Year/K Year	Birth Total	K Class**	% of Births
1995 / 2000	555	637	114.8%
1996 / 2001	555	587	105.8%
1997 / 2002	548	657	119.9%
1998 / 2003	591	573	97.0%
1999 / 2004	581	564	97.1%
2000 / 2005	637	582	91.4%
2001 / 2006	637	578	90.7%
2002 / 2007	622	555	89.2%
2003 / 2008	632	599	94.8%
2004 / 2009	600	556	92.7%
2005 / 2010	556	566	101.8%
2006 / 2011	607	560	92.3%
2007 / 2012	558	511	91.6%
2008 / 2013*	580	528	91.0%
2009 / 2014*	533	576	108.1%
2010 / 2015*	496	572	115.3%
2011 / 2016*	483	522	108.1%
2012 / 2017*	524	559	106.7%
2013 / 2018*	497	552	111.1%
Total	10,792	10,834	100.4%

\*Does not include TK Students

\*\*Includes K students residing outside of the district boundaries

Table 2— Birth Data

Beginning in fall 2012, the District implemented the first year of California's new transitional kindergarten (TK) program. In this new program, which was fully implemented in fall 2014, a child will be eligible for Transitional kindergarten if their 5<sup>th</sup> birthday is between September 2<sup>nd</sup> and December 2<sup>nd</sup>. The state is allowing district's to "phase in" the eligibility months by adding one month per year until full implementation at fall 2018/19 when the district must accept all students born after September 2<sup>nd</sup>. At this time, DDP's Student Population Forecast model does not account for TK students. To project TK students DDP will apply the ratio of change in K to the TK students.



**3) Student Mobility Factors** - Student mobility factors further refine the ten-year student population projections. 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 to each grade for every year of the projections.

A net increase or decrease of zero students over time is represented by a factor of 100%. A net student loss is represented by a factor less than 100% (1.00) and a net gain by a factor greater than 100% (1.00) (see example).

Example:

$$\begin{array}{rcl} & 91.1 & \text{K grade students in fall 2023/24} \\ \times & 103\% & \text{(6th Grade mobility Birch Lane E.S.)} \\ \hline = & 94.8 & \text{6th Grade students in fall 2024/25} \end{array}$$

Attendance Area Birch Lane ES							Projection Date 10/3/2018
	ACTUAL	PROJECTED RESIDENT STUDENTS					
	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
K	80	78.6	85.4	81.8	77.8	81.9	82.4
1	62	80.8	79.3	86.9	83.7	79.6	83.7
2	76	62.6	81.6	80.7	88.8	85.6	81.4
3	82	78.3	64.5	84.6	84.2	92.5	89.2
4	111	83.6	79.8	66.4	87.4	86.9	95.4
5	86	114.3	86.1	82.8	69.4	91.1	90.6
6	95	88.6	117.8	89.3	86.4	72.5	94.8
		100%	101%	102%	102%	104%	103%

Birch Lane E.S.	K → G1	G1 → G2	G2 → G3	G3 → G4	G4 → G5	G5 → G6
	100%	101%	102%	102%	104%	103%

Having historical student data categorized by study area is extremely helpful in calculating accurate Student Mobility Factors. The sampling used was taken over a four-year period (student data from 2015/16 through 2018/19) and three yearly groupings were calculated. For example, a comparison was made for the fall 2015/16 K student population to the fall 2016/17 1st grade students. This comparison was also conducted for the fall 2016/17 & fall 2017/18, and the fall 2017/18 & fall 2018/19 students.

Davis Joint Union 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
Birch Lane E.S.	100%	101%	102%	102%	104%	103%	105%	99%	97%	105%	98%	96%
Korematsu E.S.	99%	107%	99%	103%	102%	99%	101%	97%	101%	101%	95%	97%
Montgomery E.S.	96%	95%	94%	99%	99%	101%	100%	93%	101%	93%	95%	97%
North Davis E.S.	100%	99%	100%	98%	106%	103%	109%	104%	103%	110%	122%	101%
Patwin E.S.	105%	102%	105%	99%	95%	97%	105%	102%	95%	99%	92%	98%
Pioneer E.S.	109%	106%	103%	104%	95%	97%	92%	101%	95%	97%	101%	97%
Willett E.S.	108%	102%	100%	97%	106%	98%	100%	100%	106%	95%	99%	100%

Table 3—Mobility

**4) Planned Residential Development** –Planned residential development data is collected to determine the number of new residential units that will be built over the ten-year time frame of the student population projections. The projected units within the next ten years will have the appropriate Student Yield Factor, Table 3, applied to them to determine the number of new students planned residential development will yield.

This data was obtained through discussions with the major developers within the District boundaries, the planning department of the City of Davis, the planning department of Yolo County, planning officials at U.C. Davis and District officials. A database map of the planned residential development was created, including, when available, project name, location, housing type, total number of units and estimated move-in dates (phasing schedule). Projected phasing is based upon occupancy of the unit and is used to help time the arrival of students from these new developments.

In the student population projection by residence DDP includes all approved and tentative tract maps in addition to any planned or proposed development that possibly will occur within the projection timeframe. The planned residential development information and phasing estimates is a snapshot of the District at the time of this study. All of the Information may change and should be updated annually (see Table 5 next page).

**5) Student Yield Factors – 10 Year Projections** - Closely related to the planned residential development units are Student Yield Factors. The Student Yield Factors, when applied to planned residential development units, determine how many additional students will be generated from new construction within the District.

<b>Student Yield Factors - District Wide*</b>			
<b><u>Type</u></b>	<b><u>K-6 Yield</u></b>	<b><u>7-8 Yield</u></b>	<b><u>9-12 Yield</u></b>
<b>SFD</b>	<b>0.265</b>	<b>0.082</b>	<b>0.102</b>
<b>MFA</b>	<b>0.104</b>	<b>0.061</b>	<b>0.017</b>
<b>APT</b>	<b>0.147</b>	<b>0.047</b>	<b>0.037</b>

*Table 4—Student Yield Factors*

\*Note: Student Yield Factors were calculated from the Verona development

Study Area	Project Name	Type	Total Units	Developer	City Approval	Student Housing	Status	Included in Forecast
4A	Bretton Woods	SFD	70	David Taormino	No	No	Planning	No
7C	Davis Live	APT	71	Latigo Group LLC	No	Yes	Planning	No
10A	University Mall Redev	APT	264	Unknown	No	Yes	Planning	No
15	West Village	SFD	3,300	West Village LLC	Yes	Yes	Active	No
30	Grande Village	SFD	41	Fouts Homes	Yes	No	Active	Yes
61	Sterling 5th Apts	APT	38	Davis LLC	Yes	No	Active	Yes
80	Research Park Mixed	APT	144	Planning	No	No	Planning	No
81	Plaza 2555 Apts	APT	200	Richard Harris	No	No	Planning	No
85	Willow Creek	SFD	35	Comstock Homes	Yes	No	Active	Yes
45E	Nishi	MFA	700	N/A	Yes	Yes	Planning	No
46A	Persimmon 2/2	SFD	22	Shea Homes	Yes	No	Completed	No
46A	Heirloom 2/2 The Cannery	MFA	30	New Home Company	Yes	No	Completed	No
46A	Tilton 2/2 The Cannery	SFD	38	Shea Homes	Yes	No	Completed	No
46A	Beech 1/2 The Cannery	SFD	42	CalAtlantic	Yes	No	Completed	No
46A	Gala 1/2 The Cannery	MFA	60	New American Homes	Yes	No	Active	Yes
46A	Gala 2/2 The Cannery	MFA	60	New American Homes	Yes	No	Active	Yes
46A	Heirloom 1/2 The Cannery	MFA	42	New Home Company	Yes	No	Completed	No
46A	Beech 2/2 The Cannery	SFD	30	CalAtlantic	Yes	No	Completed	No
46A	Persimmon 1/2	SFD	22	Shea Homes	Yes	No	Completed	No
46A	Tilton 1/2 The Cannery	SFD	38	Shea Homes	Yes	No	Completed	No
46A	Sage 1/2 The Cannery	SFD	69	New Home Company	Yes	No	Completed	No
46A	Sage 2/2 The Cannery	SFD	4	New Home Company	Yes	No	Completed	No
46A	Cannery Market Place	APT	90	CFY Development	No	No	Planning	No
53B	Chiles Ranch	SFD	96	Fouts Homes	Yes	No	Planning	Yes
59A	Trackside Center	APT	27	Trackside LLC	Yes	No	Planning	Yes
60B	Lincoln 40 Apts	APT	130	City	Yes	Yes	Planning	No
100	Creekside Apts	APT	72	City	Yes	No	Planning	Yes
102A	3820 Chiles Road Apts	APT	222	Chuck Cunningham	No	No	Planning	No
109	The Villas at El Macero	SFD	16	Fouts Homes	Yes	No	Active	Yes

*Table 5– Planned Residential Development*

Note: The development list includes projects that occupancy will begin in the ten year time period of the enrollment projections. Some future projects may not be included if they do not fall in this time frame. Total Units reflect the number of approved units for the project not the remaining units to be built. Not all units are used in the forecast due to focus on college students with few school age children expected to move in.

## ***APPLYING THE VARIABLES TO GENERATE THE PROJECTIONS***

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

The Davis Joint Unified School District has been broken up into 247 study areas and each study area is coded for the elementary, junior high and high school attendance area in which it falls. The residential projections are calculated at the study area level. This means that DDP conducts 247 individual projections that are based upon the number of students residing in each study area.

The first step in running these projections involve listing the number of students that live in a particular study area by each individual grade (kindergarten through 12<sup>th</sup> grade). The current student base (Fall 2018/19) is then passed onto the next year's grade (2018/19's K become 2019/20's 1<sup>st</sup> graders, 2018/19's 1<sup>st</sup> graders become 2019/20's 2<sup>nd</sup> graders, and so on). After the natural progression of students through the grades is applied, then Birth Factors are multiplied by the current kindergarten class to generate a base for the following year's kindergarten class. Discussion on Transitional Kindergarten methodology is on page 4.

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 last essential layer applied to the projections deals with additional students from planned residential development. This is a simple calculation, again conducted at the study area level, where the estimated number of new housing units for a particular year is multiplied by the appropriate Student Yield Factors. For example, if 100 single family detached (SFD) units are to be built in a specific study area in a given year, then you would multiply this number (100) by the SFD K-6 student yield factor (.265) and the resulting number of students (26.5) is divided evenly among the seven grades.

To finish generating the projections by residence, the same process is conducted for each of the 247 study areas. Once the projections have been run at the study area level, then it is simple addition to determine projections for each of the District's attendance areas or for a district-wide summary. For example, the student population projections for Davis Senior High School are simply the summary of all of the study areas that make up this specific attendance area.

The District Summary for the projections (Section 3) is a total summary of all 247 study areas, which excludes all of the students that attend a District school but live completely outside of the District's boundaries, are unmatched due to incorrect address information and independent study students. These out-of-district, unmatched and independent study students are factored back into the projections by simply adding the existing totals in at the bottom of the projections (please see the Attendance Matrices in Section 2 for a breakdown of the out-of-district, unmatched and independent study students by school). DDP adds the current total out-of-district, unmatched students and independent study students to each year of the projections because there is no way to accurately forecast these students in the future.

## ***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 where they attend school. DDP uses the actual location of where the students reside, as opposed to their school of enrollment, in order to provide the most accurate prediction of future facilities adjustments.**

Therefore, since the projections are based upon where the students reside, the figures used as a base for each school's resident projection may differ from the actual reported enrollment for each school.

These attendance matrices act as a check and balance for student accounting. They show where the students reside (in what School of Residence) based upon our address matching capabilities and what school they attend (School of Attendance) based upon data in the student file supplied by the District. The inclusion of these matrices is essential to showing how the students used in the projections match up to the District's records of enrollment for each school. The best way to plan for future facilities changes is to know where the next group of students will be residing, not necessarily which school they are currently attending.

### READING THE MATRIX

Looking at the K-6 Elementary School Attendance Matrix below, let's begin with Birch Lane as an example. Following down the first column with the Birch Lane heading, there are 378 K-6 grade students who attend Birch Lane *and* reside in the Birch Lane attendance area. Continuing downward, 61 students attend Birch Lane that resides in the Korematsu attendance area. Next the matrix shows that 20 students attend Birch Lane and reside in the Montgomery's attendance area, and so on.

The row Out of District refers to students who live completely outside of the Davis Joint Unified School District, but attend one of the District's schools. There are 47 Out of District students attending Birch Lane. Total Attendance shows the total number of students attending a school regardless of where they reside, and reflects the District's enrollment counts for each school. There is a total of 583 students attending Birch Lane.

The next step is to read across the matrix, beginning with the Birch Lane attendance area row. We understand that the 378 represents the total number of K-6 grade students that reside in the Birch Lane attendance area and attend Birch Lane. The next column, Korematsu, refers to the number of K-6 grade students that reside in the Birch Lane attendance area, but attend Korematsu. There are currently 25 students that reside in the Birch Lane attendance area and attend Korematsu.

The Total Residence column is the total number of students living in each particular attendance area. There are 592 K-6 students residing in the Birch Lane attendance area. The Total Attendance row is the actual number of students used as the base or actual number for each attendance area in the Fall 2019/20 projections.

School of Attendance													
School of Residence		Birch Lane	Korrematsu	Montgomery	North Davis	Patwin	Pioneer	Willett	Chavez	Fairfield	Total Residence	Ind. Study	% Residence Attending*
	Birch Lane	378	25	17	29	11	14	37	78	3	592	1	64%
	Korrematsu	61	366	32	16	6	23	26	70	0	600	5	61%
	Montgomery	20	19	218	5	4	65	13	36	1	381	0	57%
	North Davis	47	7	29	439	26	14	59	158	8	787	6	56%
	Patwin	7	3	2	4	309	0	69	77	14	485	3	64%
	Pioneer	20	17	78	7	5	339	10	34	4	514	3	66%
	Willett	3	8	4	13	26	3	276	134	9	476	2	58%
	Out of District	47	30	55	29	20	62	34	26	5	308	1	
	Transitional K	0	18	0	21	14	17	0	0	0	70	0	
Total Attendance	583	493	435	563	421	537	524	613	44	4,213	21	Total 2018/19 TK-6 4,234	
Transfer Students	205	109	217	103	98	181	248	N/A	N/A	1,161			
% of Total	35%	22%	50%	18%	23%	34%	47%	N/A	N/A	28%			

School of Attendance								
School of Residence		Emerson	Harper	Holmes	DaVinci	Total Residence	Ind. Study	% Residence Attending*
	Emerson	283	12	91	90	476	4	59%
	Harper	68	525	81	40	714	2	74%
	Holmes	83	50	464	62	659	8	70%
	Out of District	33	59	64	104	260	12	
	Total Attendance	467	646	700	296	2,109	26	Total 2018/19 7-9 2,135
	Transfer Students	184	121	236	296	837		
% of Total								
		39%	19%	34%	NA	40%		

School of Attendance						
School of Residence		Davis Senior	DaVinci HS	King HS	Total Residence	% Residence Attending*
	Davis Senior High	1,639	187	43	1,869	88%
	Out of District	168	105	14	287	
	Total Attendance	1,807	292	57	2,156	Total 2018/19 10-12 2,211
	Transfer Students	168	292	57	517	
	% of Total	9%	N/A	N/A	24%	

\* Percentage of resident students attending resident school.



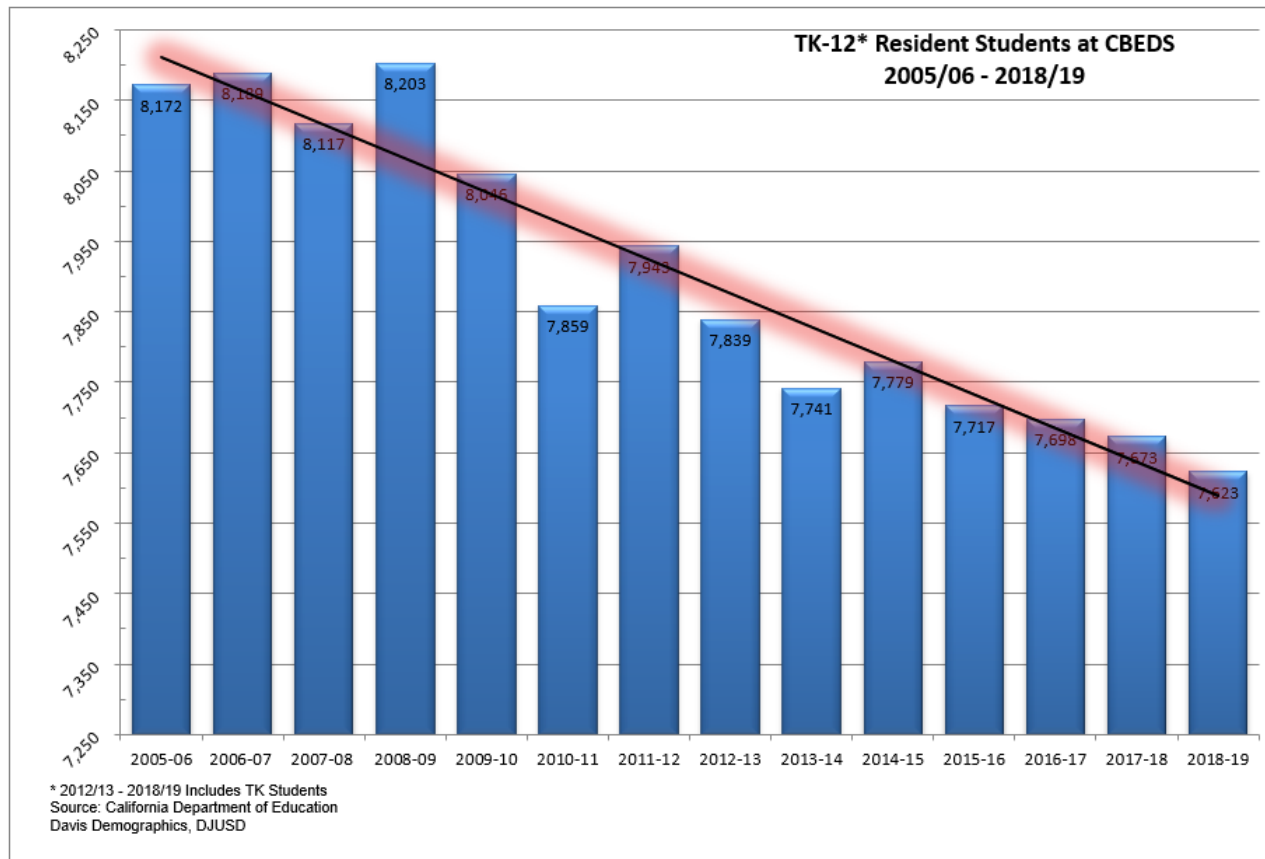
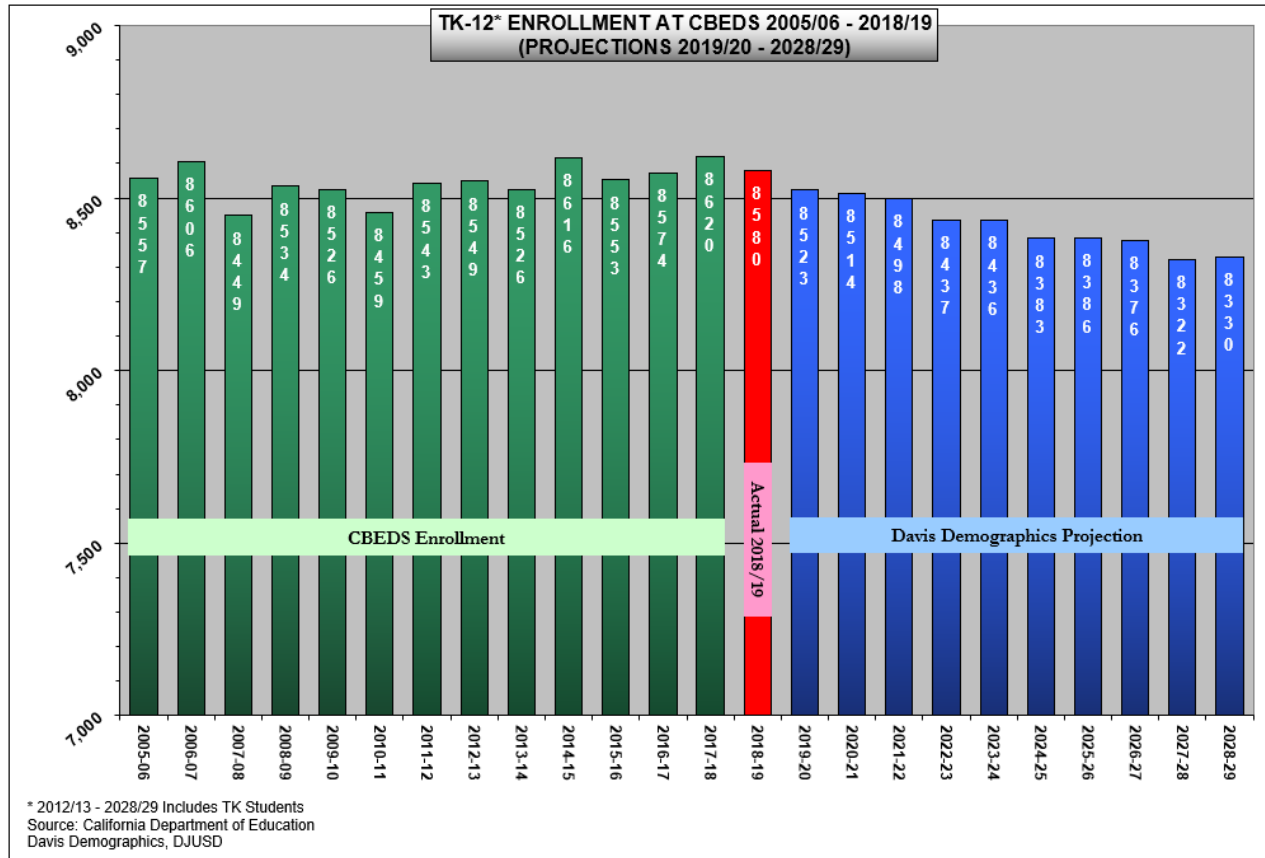
***TEN YEAR PROJECTION SUMMARIES***

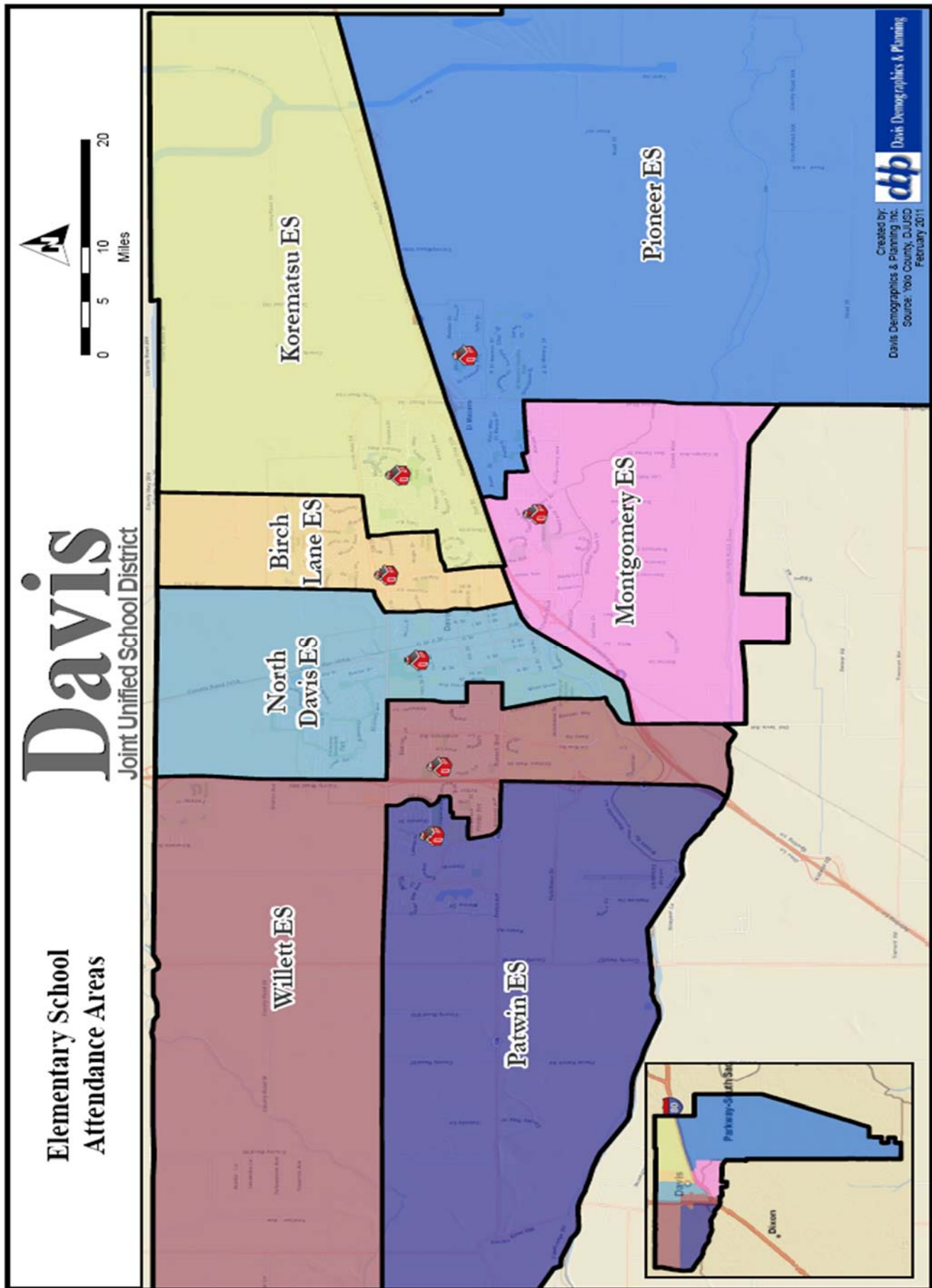
Finally, the student population is projected out ten years for each of the study areas and for the entire Davis Joint Unified School District. The District Wide projection summaries enable the District to see a broad overview of future student population and what impact this population will have on existing facilities. The study area listings enable the District to monitor student population growth or decline in smaller geographic areas within the District.

At any point in time, study areas and their projected resident students can be shifted between schools to assist in balancing enrollment changes. Together, these projection summaries present the means to identify the timing of student arrivals and overall facility requirements, as well as location in order to accommodate the District's expected population shift



District Projection Summary																									
Projection Date 10/03/2018																									
Historic															Current	Projected									
		2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
TK		0	0	0	0	0	0	0	56	74	91	65	80	85	70	70	70	70	70	70	70	70	70	70	
	K	564	556	540	579	536	520	551	486	498	560	539	494	509	523	515	558	537	505	529	529	529	529	529	
	1	567	582	565	582	594	533	550	583	511	533	580	537	521	514	535	528	572	549	516	540	540	539	539	
	2	584	560	601	588	582	582	540	533	591	526	551	588	558	521	522	545	539	582	558	525	548	547	547	
	3	658	599	581	594	577	563	626	562	547	597	543	563	598	547	524	526	551	543	586	562	528	551	550	
	4	591	666	596	584	594	592	568	612	557	564	618	540	566	604	548	525	530	553	544	588	562	528	551	
	5	677	592	676	625	586	609	615	582	622	573	562	631	549	575	614	557	537	536	561	552	595	569	534	
	6	626	670	604	686	618	591	617	608	584	627	582	560	634	551	572	613	557	535	532	557	548	590	565	
	7	664	657	668	632	680	614	609	620	628	605	641	614	580	642	567	588	633	571	551	544	571	561	604	
	8	663	631	646	668	627	672	633	601	620	605	620	640	615	583	634	562	583	626	565	544	536	563	553	
	9	646	665	637	655	662	617	690	630	620	617	611	626	621	624	582	635	563	582	625	565	543	534	560	
	10	651	684	670	661	657	663	634	682	629	630	605	612	633	630	621	580	632	564	580	625	563	544	532	
11	675	649	697	686	664	652	675	618	662	596	615	612	610	633	633	626	587	639	572	584	632	569	552		
12	606	678	636	663	669	651	635	666	598	655	585	601	594	606	615	615	610	571	621	556	568	614	553		
SubTotal (Resident Students)	TK-6	4,267	4,225	4,163	4,238	4,087	3,990	4,067	4,022	3,984	4,071	4,040	3,993	4,020	3,905	3,900	3,922	3,891	3,872	3,896	3,923	3,919	3,924	3,886	
	7-9	1,973	1,953	1,951	1,955	1,969	1,903	1,932	1,851	1,868	1,827	1,872	1,880	1,816	1,849	1,783	1,785	1,780	1,779	1,741	1,653	1,650	1,657		
	10-12	1,932	2,011	2,003	2,010	1,990	1,966	1,944	1,966	1,889	1,881	1,805	1,825	1,837	1,869	1,869	1,822	1,828	1,773	1,772	1,766	1,762	1,726		
	TK-12	8,172	8,189	8,117	8,203	8,046	7,859	7,943	7,839	7,741	7,779	7,717	7,698	7,673	7,623	7,552	7,529	7,499	7,424	7,409	7,342	7,331	7,307		
Unmatched	TK-6	6	10	11	4	2	0	0	0	3	3	3	2	1	0	0	0	0	0	0	0	0	0		
	7-9	3	1	1	1	0	0	0	0	2	2	2	1	0	0	0	0	0	0	0	0	0			
	10-12	4	3	6	3	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0			
	TK-12	13	14	18	8	2	0	0	0	6	6	6	3	1	0	0	0	0	0	0	0	0			
Out of District	TK-6	62	106	75	90	172	223	219	260	266	258	243	261	278	308	314	320	326	332	338	344	350	356		
	7-9	34	35	33	43	80	97	123	188	127	150	136	154	168	156	159	162	165	168	171	174	177			
	10-12	93	66	35	31	82	132	139	149	130	153	168	155	183	182	187	192	197	202	207	212	217			
	TK-12	189	207	143	164	334	452	481	597	523	561	547	570	629	646	660	674	688	702	716	730	744			
Da Vinci Charter Out of District	TK-6	Data Unavailable 2005/06 - 2012/13* Da Vinci IDT's are included in the Out of District numbers above								0	0	0	0	0	0	0	0	0	0	0	0	0			
	7-9									84	82	94	93	126	104	104	104	104	104	104	104	104			
	10-12									59	61	70	87	84	105	105	105	105	105	105	105	105			
	TK-12									143	143	164	180	210	209	209	209	209	209	209	209	209			
Independent Study	TK-6	36	37	28	38	31	33	29	23	22	24	19	20	21	21	21	21	21	21	21	21	21	21		
	7-9	58	59	45	38	38	36	24	26	24	28	24	29	30	26	26	26	26	26	26	26	26	26		
	10-12	89	100	98	83	75	79	66	64	67	75	76	74	56	55	55	55	55	55	55	55	55	55		
	TK-12	183	196	171	159	144	148	119	113	113	127	119	123	107	102	102	102	102	102	102	102	102	102		
Total Enrollment	TK-6	4,371	4,378	4,277	4,370	4,292	4,246	4,315	4,305	4,275	4,356	4,305	4,276	4,320	4,234	4,235	4,263	4,238	4,225	4,255	4,288	4,290	4,301		
	7-9	2,068	2,048	2,030	2,037	2,087	2,036	2,079	2,065	2,105	2,089	2,128	2,157	2,140	2,135	2,072	2,077	2,075	2,077	2,042	1,957	1,967			
	10-12	2,118	2,180	2,142	2,127	2,147	2,177	2,149	2,179	2,146	2,171	2,120	2,141	2,160	2,211	2,216	2,174	2,185	2,135	2,139	2,138	2,139			
	TK-12	8,557	8,606	8,449	8,534	8,526	8,459	8,543	8,549	8,526	8,616	8,553	8,574	8,620	8,580	8,523	8,514	8,498	8,437	8,436	8,383	8,386			
Change %		49	-157	85	-8	-67	84	6	-23	90	-63	21	46	-40	-57	-9	-16	-61	-2	-53	3	-10			
		0.6%	-1.8%	1.0%	-0.1%	-0.8%	1.0%	0.1%	-0.3%	1.1%	-0.7%	0.2%	0.5%	-0.5%	-0.7%	-0.1%	-0.2%	-0.7%	0.0%	-0.6%	0.0%	-0.1%			





***ELEMENTARY SCHOOL FORECAST BY RESIDENCE***

Attendance Area Birch Lane ES										Projection Date 10/3/2018	
	Historic			Current	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	9	10	7	7.0	7.0	7.0	7.0	7.0	7.0	7.0
K	79	82	61	80	78.6	85.4	81.8	77.8	81.9	82.4	82.0
1	99	82	77	62	80.8	79.3	86.9	83.7	79.6	83.7	83.3
2	85	101	84	76	62.6	81.6	80.7	88.8	85.6	81.4	84.6
3	83	91	103	82	78.3	64.5	84.6	84.2	92.5	89.2	83.9
4	89	87	85	111	83.6	79.8	66.4	87.4	86.9	95.4	91.0
5	87	97	88	86	114.3	86.1	82.8	69.4	91.1	90.6	98.2
6	79	87	99	95	88.6	117.8	89.3	86.4	72.5	94.8	93.3
TK-6	611	636	607	599	593.8	601.5	579.5	584.7	597.1	624.5	623.3

Attendance Area Korematsu ES								Projection Date 10/3/2018			
	Historic			Current	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	13	22	11	11.0	11.0	11.0	11.0	11.0	11.0	11.0
K	85	77	84	84	82.5	90.9	87.1	81.5	85.2	85.2	85.2
1	84	84	80	79	83.2	82.8	91.1	86.2	80.7	84.4	84.4
2	85	90	86	89	84.5	90.2	89.8	97.5	92.3	86.4	90.3
3	85	87	90	81	88.1	84.8	90.5	88.9	96.5	91.4	85.5
4	93	92	88	89	83.4	91.9	88.6	93.2	91.6	99.4	94.1
5	90	95	95	87	90.8	86.3	95.0	90.3	95.0	93.4	101.4
6	115	88	99	91	86.1	91.0	86.6	94.0	89.4	94.1	92.5
TK-6	648	626	644	611	609.6	628.9	639.7	642.6	641.7	645.3	644.4

Attendance Area Montgomery ES								Projection Date 10/3/2018			
	Historic			Current	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	10	4	12	12.0	12.0	12.0	12.0	12.0	12.0	12.0
K	71	51	59	46	45.2	49.1	46.7	44.0	46.0	46.0	46.0
1	61	67	47	59	45.5	44.7	48.6	46.3	43.5	45.5	45.5
2	57	60	58	48	56.1	43.3	42.5	46.2	44.0	41.4	43.3
3	61	62	52	51	46.6	54.4	42.0	41.2	44.8	42.6	40.1
4	66	59	57	57	50.5	46.1	53.8	41.5	40.8	44.4	42.2
5	55	63	52	65	55.3	49.0	44.7	52.2	40.3	39.6	43.0
6	69	56	60	55	65.7	55.8	49.5	45.2	52.7	40.7	40.0
TK-6	446	428	389	393	376.9	354.4	339.8	328.6	324.1	312.2	312.1

Attendance Area North Davis ES								Projection Date 10/3/2018			
	Historic			Current	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	14	15	16	16	16.0	16.0	16.0	16.0	16.0	16.0	16.0
K	112	115	111	121	119.7	126.5	125.1	117.3	122.6	122.6	122.6
1	107	103	121	116	119.5	118.2	125.1	122.6	114.9	120.1	120.1
2	91	100	110	118	112.2	115.5	114.6	120.1	117.7	110.3	115.3
3	97	88	109	106	115.3	109.7	113.2	111.2	116.5	114.1	107.0
4	97	87	91	111	102.6	111.6	106.5	108.7	106.7	111.8	109.6
5	104	105	101	102	118.6	109.7	119.5	112.8	115.2	113.1	118.5
6	95	103	109	113	102.9	119.5	110.9	119.5	112.8	115.2	113.1
TK-6	717	716	768	803	806.8	826.7	830.9	828.2	822.4	823.2	822.2

Does not include independent study students and students residing outside of D.J.U.S.D. boundaries

***ELEMENTARY SCHOOL FORECAST BY RESIDENCE***

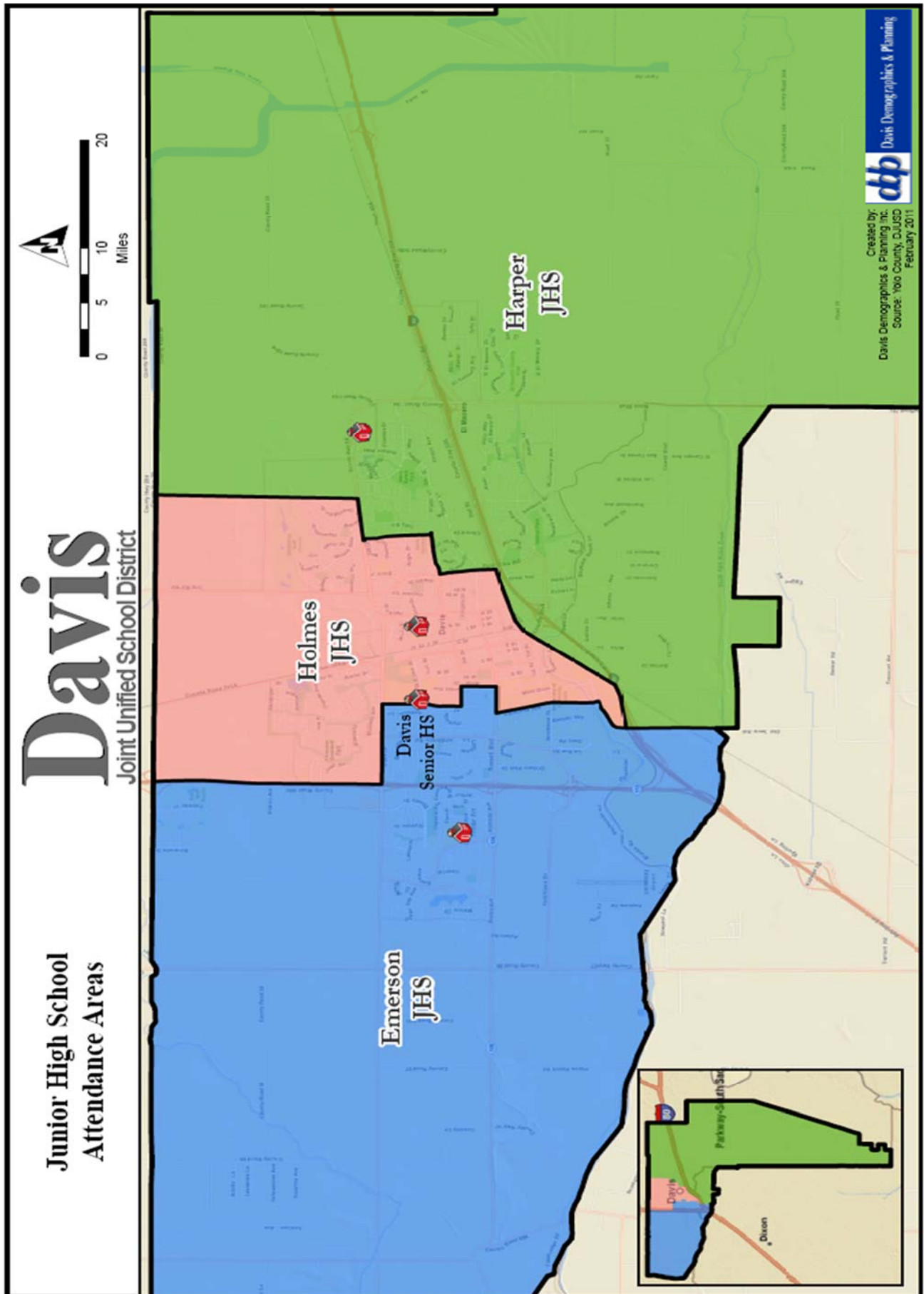
Attendance Area Patwin ES										Projection Date 10/3/2018		
	Historic			Current	Projected Resident Students							
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	
TK	12	16	18	6	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
K	53	56	70	70	68.7	74.8	71.1	66.9	70.0	70.0	70.0	
1	78	61	58	68	72.1	70.8	77.0	73.3	68.9	72.1	72.1	
2	85	78	63	60	70.0	74.3	72.9	79.3	75.5	71.0	74.3	
3	66	86	78	73	63.0	73.5	78.0	76.6	83.3	79.2	74.5	
4	90	69	82	76	72.3	62.4	72.8	77.2	75.8	82.4	78.4	
5	79	83	65	80	72.2	68.7	59.3	69.2	73.3	72.0	78.3	
6	68	83	79	58	77.6	70.0	66.6	57.5	67.1	71.1	69.9	
TK-6	531	532	513	491	501.9	500.5	503.7	506.0	519.9	523.8	523.5	

Attendance Area Pioneer ES								Projection Date 10/3/2018				
	Historic			Current	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	11	8	7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	
K	66	53	78	70	69.2	75.3	71.8	67.8	70.8	70.8	70.8	
1	72	68	67	80	76.8	75.8	82.4	78.6	74.0	77.2	77.2	
2	77	77	79	64	85.3	81.7	80.6	87.7	83.5	78.5	81.9	
3	71	79	83	77	66.4	88.2	84.5	83.3	90.4	86.0	80.8	
4	99	74	89	80	80.6	69.4	92.0	88.2	86.8	94.0	89.4	
5	71	97	71	80	78.0	78.4	67.6	89.5	85.6	84.2	91.2	
6	85	68	100	63	76.4	74.4	74.8	64.5	85.2	81.4	80.0	
TK-6	545	527	575	521	539.7	550.2	560.7	566.6	583.3	579.1	578.3	

Attendance Area Willett ES										Projection Date 10/3/2018		
	Historic			Current	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	8	6	7	7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	
K	72	60	46	52	51.1	55.5	52.8	49.7	52.0	52.0	52.0	
1	79	72	71	50	57.2	56.2	61.1	58.1	54.7	57.2	57.2	
2	71	82	78	66	51.0	58.3	57.3	62.3	59.3	55.8	58.3	
3	80	70	83	77	66.0	51.0	58.3	57.3	62.3	59.3	55.8	
4	84	72	74	80	74.7	64.0	49.5	56.6	55.6	60.4	57.5	
5	76	91	77	75	84.8	79.2	67.9	52.4	60.0	58.9	64.1	
6	71	75	88	76	75.0	84.8	79.2	67.9	52.4	60.0	58.9	
TK-6	541	528	524	483	466.8	456.0	433.1	411.3	403.3	410.6	410.8	

Does not include independent study students and students residing outside of D.J.U.S.D. boundaries





**SECONDARY SCHOOL FORECAST BY RESIDENCE**

Attendance Area		Emerson JHS Historic			Current		Projected Resident Students						Projection Date 10/3/2018
		2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	
TK		20	22	25	13	13.0	13.0	13.0	13.0	13.0	13.0	13.0	
K		125	116	116	122	119.8	130.3	124.0	116.6	122.0	122.0	122.0	
1		157	133	129	118	129.3	127.0	138.1	131.4	123.6	129.3	129.3	
2		156	160	141	126	121.0	132.6	130.2	141.6	134.7	126.8	132.6	
3		146	156	161	150	129.0	124.5	136.3	133.9	145.6	138.5	130.3	
4		174	141	156	156	147.0	126.4	122.3	133.8	131.4	142.9	135.9	
5		155	174	142	155	157.0	147.8	127.1	121.6	133.3	130.9	142.4	
6		139	158	167	134	152.6	154.8	145.8	125.3	119.5	131.1	128.8	
7		158	141	168	165	137.7	157.2	159.2	149.9	128.9	123.4	135.3	
8		161	162	148	162	166.5	138.9	158.9	160.7	151.3	130.1	124.8	
9		163	167	154	149	162.2	168.1	140.5	159.2	162.1	152.6	131.2	
TK-6		1,072	1,060	1,037	974	968.7	956.4	936.8	917.2	923.1	934.5	934.3	
7-9		482	470	470	476	466.4	464.2	458.6	469.8	442.3	406.1	391.3	

Attendance Area		Harper JHS Historic			Current		Projected Resident Students						Projection Date 10/3/2018
		2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	
TK		21	34	34	30	30.0	30.0	30.0	30.0	30.0	30.0	30.0	
K		222	181	221	200	196.9	215.3	205.7	193.3	202.1	202.0	202.0	
1		217	219	194	218	205.5	203.3	222.2	211.1	198.3	207.2	207.1	
2		219	227	223	201	225.9	215.2	212.9	231.4	219.7	206.2	215.4	
3		217	228	225	209	201.1	227.3	216.9	213.5	231.8	220.0	206.5	
4		258	225	234	226	214.5	207.4	234.4	222.9	219.2	237.8	225.7	
5		216	255	218	232	224.1	213.7	207.2	232.1	221.0	217.2	235.7	
6		269	212	259	209	228.2	221.3	210.8	203.6	227.3	216.2	212.5	
7		263	268	207	247	202.9	221.6	215.0	203.3	197.2	218.3	207.7	
8		259	254	258	205	236.8	195.6	213.3	206.1	194.8	189.0	209.2	
9		260	261	242	262	205.2	237.3	196.3	213.4	206.1	194.6	188.9	
TK-6		1,639	1,581	1,608	1,525	1,526.2	1,533.5	1,540.1	1,537.9	1,549.4	1,536.6	1,534.9	
7-9		782	783	707	714	644.9	654.5	624.6	622.8	598.1	601.9	605.8	

Attendance Area		Holmes JHS Historic			Current		Projected Resident Students						Projection Date 10/3/2018
		2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	
TK		24	24	26	23	23.0	23.0	23.0	23.0	23.0	23.0	23.0	
K		191	197	172	201	198.3	211.9	206.9	195.1	204.5	205.0	204.5	
1		206	185	198	178	200.3	197.5	212.0	206.3	194.5	203.9	203.4	
2		176	201	194	194	174.8	197.2	195.3	208.9	203.2	191.8	199.9	
3		180	179	212	188	193.6	174.2	197.8	195.3	209.0	203.3	190.9	
4		186	174	176	222	186.3	191.4	172.8	196.1	193.6	207.2	200.5	
5		191	202	189	188	232.9	195.9	202.3	182.2	206.2	203.7	216.8	
6		174	190	208	208	191.5	237.3	200.2	205.9	185.4	210.0	206.4	
7		220	205	205	230	226.9	208.9	259.0	218.0	224.5	202.6	227.4	
8		200	224	209	216	230.9	227.7	210.7	259.0	218.5	225.1	202.3	
9		188	198	225	213	214.5	229.3	226.6	209.6	257.2	217.2	223.2	
TK-6		1,328	1,352	1,375	1,402	1,400.7	1,428.4	1,410.3	1,412.8	1,419.4	1,447.9	1,445.4	
7-9		608	627	639	659	672.3	665.9	696.3	686.6	700.2	644.9	652.9	

Does not include independent study students and students residing outside of D.J.U.S.D. boundaries



***SECONDARY SCHOOL FORECAST BY RESIDENCE***

Attendance Area		Davis Senior HS			Projection Date 10/3/2018							
		Historic			Current	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		65	80	85	66	66.0	66.0	66.0	66.0	66.0	66.0	66.0
K		538	494	509	523	514.9	557.5	536.6	505.0	528.6	529.1	528.6
1		580	537	521	514	535.1	527.8	572.2	548.8	516.4	540.3	539.8
2		551	588	558	521	521.7	545.0	538.5	581.9	557.7	524.7	547.9
3		543	563	598	547	523.7	526.1	551.1	542.7	586.3	561.8	527.7
4		618	540	566	604	547.7	525.2	529.5	552.7	544.2	587.9	562.2
5		562	631	549	575	614.1	557.4	536.7	535.9	560.6	551.8	594.8
6		582	560	634	551	572.3	613.4	556.8	534.9	532.2	557.3	547.6
7		641	614	580	642	567.4	587.8	633.2	571.2	550.5	544.3	570.5
8		620	640	615	583	634.2	562.2	582.9	625.8	564.6	544.2	536.3
9		611	626	621	624	581.8	634.7	563.4	582.1	625.4	564.5	543.3
10		605	612	631	630	621.0	580.3	631.9	563.6	579.6	625.4	562.5
11		615	612	612	633	632.9	626.2	586.6	639.0	571.5	584.2	632.0
12		585	601	594	606	615.0	615.2	609.5	570.8	621.2	556.1	567.5
TK-6		4,039	3,993	4,020	3,901	3,895.5	3,918.4	3,887.4	3,867.9	3,892.0	3,918.9	3,914.6
7-9		1,872	1,880	1,816	1,849	1,783.4	1,784.7	1,779.5	1,779.1	1,740.5	1,653.0	1,650.1
10-12		1,805	1,825	1,837	1,869	1,868.9	1,821.7	1,828.0	1,773.4	1,772.3	1,765.7	1,762.0

Does not include independent study students and students residing outside of D.J.U.S.D. boundaries

**RESIDENTIAL DEVELOPMENT SUMMARY**

Residential Development Summary																							
Number and type of units to be built in each future school year																							
Total SFD = 151			Total MFA = 120			Total APT = 137																	
Study Area	10/2018 - 10/2019			10/2019 - 10/2020			10/2020 - 10/2021			10/2021 - 10/2022			10/2022 - 10/2023			10/2023 - 10/2024			10/2024 - 10/2025			Elementary Attendance Area	Junior High School Attendance Area
	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT					
30	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	North Davis ES	Holmes JHS
46A	0	40	0	0	40	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0	0	North Davis ES	Holmes JHS
53B	0	0	0	0	0	0	15	0	0	27	0	0	27	0	0	27	0	0	0	0	0	Birch Lane ES	Holmes JHS
59A	0	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	North Davis ES	Holmes JHS
61	0	0	0	0	0	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	Korenatsu ES	Harper JHS
85	8	0	0	8	0	0	8	0	0	8	0	0	3	0	0	0	0	0	0	0	0	Pioneer ES	Harper JHS
100	0	0	0	0	0	35	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	Korenatsu ES	Harper JHS
109	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Pioneer ES	Harper JHS
Total	20	40	0	16	40	55	23	40	82	35	0	0	30	0	0	27	0	0	0	0	0		
	Total 18 / 19		60	Total 19 / 20		111	Total 20 / 21		145	Total 21 / 22		35	Total 22 / 23		30	Total 23 / 24		27	Total 24 / 25		0		

## ***TWO-YEAR STAFFING PROJECTIONS***

SchoolSite Staffing Forecasts is a way to ensure your district has the appropriate staff to fulfill future classroom requirements. SchoolSite Staffing Forecasts utilize current resident and enrollment information, as well as historic student mobility to calculate an estimated enrollment for each school. This method of strategic and planned staffing can help to evaluate the current state of facilities, as well as their future needs.

### **Two-Year Staffing Forecasts**

Mid-term to long-term facilities planning is always best when it is based upon the resident location of future student populations, rather than the enrollment at the individual schools. However, a two year projected enrollment can be used to assist with estimating staffing and budget requirements over the short term.

### **Methodology for Schools with Attendance Boundaries**

Calculating a staffing Forecast for schools with attendance boundaries is different from calculating it for a school without attendance boundaries. For school with attendance boundaries, the two year projected enrollment is calculated using a combination of future resident population and historic transfer patterns for each school.

Similar to the mobility factors in the residence Forecasts, a cohort is derived by averaging four years of past transfer patterns. The cohort is calculated for both transfers into and out of each school for each grade between 1 and 12 that the school serves. This cohort is then applied to the current transfer by grade of the base year students to come up with estimated in and estimated out transfers for the future years. To estimate the transfers in and transfers out for the lowest grade served at each school, an average is taken of the last four years of transfers. Finally, projected enrollment by grade for each school is calculated by taking the projected resident population and adding the estimated transfers in and transfers out.

### **Methodology for Schools without Attendance Boundaries**

To calculate a staffing Forecast for schools without attendance boundaries, a different method of calculation is used. Transfers in and transfers out for the lowest grade served at each school are estimated by taking an average of the last four years of transfers. Each subsequent grade is calculated using the non-weighted cohort survival method and applied to the current year's enrollment.

***TWO-YEAR STAFFING PROJECTIONS***

Birch Lane ES														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
K	79	82	61	80	79	85	28	-23	85	82	65	89	84	90
1	99	82	77	62	81	79	29	-22	97	83	78	62	88	86
2	85	101	84	76	63	82	29	-29	90	93	86	81	63	82
3	83	91	103	82	78	65	23	-19	91	91	92	85	82	68
4	89	87	85	111	84	80	29	-32	85	79	86	96	81	77
5	87	97	88	86	114	86	29	-47	88	92	79	81	96	68
6	79	87	99	95	89	118	30	-35	74	89	89	89	84	113
K-6	601	627	597	592	587	595	197	-207	610	609	575	583	578	584

Korematsu ES														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
TK	11	13	22	11	11	11	7	-1	19	21	23	18	17	17
K	85	77	84	84	83	91	10	-26	70	56	68	72	66	75
1	84	84	80	79	83	83	15	-23	48	69	64	69	75	75
2	85	90	86	89	85	90	18	-28	72	50	69	71	75	80
3	85	87	90	81	88	85	21	-35	67	73	51	72	74	71
4	93	92	88	89	83	92	27	-34	75	60	78	50	76	85
5	90	95	95	87	91	86	10	-48	80	82	63	81	53	48
6	115	88	99	91	86	91	23	-30	89	75	85	60	79	84
TK-6	648	626	644	611	610	629	131	-225	520	486	501	493	515	535

Montgomery ES														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
TK	6	10	4	4	4	4	0	0	21	21	20	0	0	0
K	71	51	59	59	56	55	24	-15	68	69	69	57	66	65
1	61	67	47	47	58	55	47	-38	69	67	71	63	67	64
2	57	60	58	58	45	56	55	-48	64	66	69	70	52	63
3	61	62	52	52	57	44	51	-19	46	68	69	59	89	76
4	66	59	57	57	51	56	47	-49	80	50	67	70	49	54
5	55	63	52	52	56	50	66	-36	51	78	49	69	86	80
6	69	56	60	60	52	56	48	-34	44	53	82	47	66	70
TK-6	446	428	389	389	379	376	338	-238	443	472	496	435	475	472

North Davis ES														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
TK	14	15	16	16	16	16	4	-4	1	14	22	21	16	16
K	112	115	111	121	120	127	4	-51	68	71	64	70	73	79
1	107	103	121	116	120	118	2	-55	72	68	74	72	66	65
2	91	100	110	118	112	116	16	-55	64	82	73	73	73	77
3	97	88	109	106	115	110	13	-52	72	70	96	75	76	71
4	97	87	91	111	103	112	14	-44	86	74	70	89	73	82
5	104	105	101	102	119	110	23	-51	86	87	82	78	91	82
6	95	103	109	113	103	120	14	-40	106	82	93	85	77	94
TK-6	717	716	768	803	807	827	90	-352	555	548	574	563	545	566

***TWO-YEAR STAFFING PROJECTIONS***

Patwin ES														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
TK	12	16	18	6	6	6	9	0	25	24	24	14	15	15
K	53	56	70	70	69	75	10	-25	46	43	52	47	54	60
1	78	61	58	68	72	71	8	-33	64	49	46	50	47	46
2	85	78	63	60	70	74	10	-29	51	65	51	47	51	55
3	66	86	78	73	63	74	11	-23	45	64	66	51	51	62
4	90	69	82	76	72	62	14	-27	63	51	74	71	59	49
5	79	83	65	80	72	69	20	-17	59	61	59	80	75	72
6	68	83	79	58	78	70	31	-24	51	62	60	61	85	77
TK-6	531	532	513	491	502	501	113	-178	404	419	432	421	437	436

Pioneer ES														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
TK	4	11	8	7	7	7	0	0	0	0	0	17	17	17
K	66	53	78	70	69	75	11	-17	69	45	67	66	63	70
1	72	68	67	80	77	76	48	-46	71	70	49	72	79	78
2	77	77	79	64	85	82	31	-42	72	75	72	50	74	70
3	71	79	83	77	66	88	22	-43	84	73	77	73	45	67
4	99	74	89	80	81	69	51	-39	85	90	83	86	93	82
5	71	97	71	80	78	78	46	-40	85	83	90	83	84	84
6	85	68	100	63	76	74	35	-38	89	86	88	90	73	71
TK-6	545	527	575	521	540	550	244	-265	555	522	526	537	529	539

Willett ES														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
K	72	60	46	52	51	56	18	-29	52	47	41	48	40	45
1	79	72	71	50	57	56	42	-29	72	65	69	55	70	69
2	71	82	78	66	51	58	31	-23	70	75	76	71	59	66
3	80	70	83	77	66	51	38	-31	73	73	74	76	73	58
4	84	72	74	80	75	64	48	-30	87	89	85	91	93	82
5	76	91	77	75	85	79	38	-28	86	90	92	90	95	89
6	71	75	88	76	75	85	46	-28	89	88	89	93	93	103
K-6	533	522	517	476	460	449	261	-198	529	527	526	524	523	512

**TWO-YEAR STAFFING PROJECTIONS**

Emerson JHS														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
7	158	141	168	165	138	157	58	-62	147	139	167	163	134	153
8	161	162	148	162	167	139	64	-70	174	151	142	155	161	133
9	163	167	154	149	162	168	57	-62	158	172	151	149	157	163
7-9	482	470	470	476	466	464	179	-194	479	462	460	467	452	449

Harper JHS														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
7	263	268	207	247	203	222	34	-68	208	218	202	219	169	188
8	259	254	258	205	237	196	58	-69	201	212	223	208	226	185
9	260	261	242	262	205	237	45	-40	213	206	206	219	210	242
7-9	782	783	707	714	645	655	137	-177	622	636	631	646	605	615

Holmes JHS														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
7	220	205	205	230	227	209	86	-61	280	237	213	232	252	234
8	200	224	209	216	231	228	72	-75	229	275	238	223	228	225
9	188	198	225	213	215	229	76	-69	222	232	272	245	222	236
7-9	608	627	639	659	672	666	234	-205	731	744	723	700	702	695

Davis Senior High														
	2015/16	2016/17	2017/18	2018/19	2019/20	2021/22			2015/16	2016/17	2017/18	2018/19	2019/20	2021/22
Grade	HistRes	HistRes	HistRes	CurrentRes	ProjRes	ProjRes	EstimIn	EstimOut	HistEnr	HistEnr	HistEnr	CurrentEnr	ProjEnr	ProjEnr
10	605	612	631	630	621	580	55	-71	595	580	611	628	605	564
11	615	612	612	633	633	626	61	-68	558	593	574	609	626	619
12	585	601	594	606	615	615	66	-95	530	532	565	570	586	586
10-12	1,805	1,825	1,837	1,869	1,869	1,822	182	-234	1,683	1,705	1,750	1,807	1,817	1,769

Cesar Chavez ES Non-Boundary School							
	2015/16	2016/17	2017/18		2018/19	2019/20	2020/21
Grade	Enrollmt	Enrollmt	Enrollmt	MobRate	CurrEnr	ProjEnr	ProjEnr
K	99	95	97	-----	90	95	95
1	94	99	94	99	94	89	94
2	87	96	94	99	94	93	88
3	91	82	94	97	92	91	90
4	93	88	76	95	90	88	87
5	79	93	83	97	74	88	86
6	79	75	88	95	79	70	84
K-6	622	628	626	-----	613	614	624

Fairfield ES Non-Boundary School							
	2015/16	2016/17	2017/18		2018/19	2019/20	2020/21
Grade	Enrollmt	Enrollmt	Enrollmt	MobRate	CurrEnr	ProjEnr	ProjEnr
K	12	13	9	-----	11	11	11
1	12	10	12	91	9	10	10
2	13	11	11	100	12	9	10
3	11	11	11	97	12	12	9
K-3	48	45	43	-----	44	42	40



