

DJUSD

DAVIS JOINT UNIFIED
SCHOOL DISTRICT

Student Population Forecast

By Residence

School Year 2019-2020 Summary Report

Prepared by



March 16, 2020

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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 2019/20 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 2019/20. 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.

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' (2016/17, 2017/18 and 2018/19) address matched students as historical data.

b. Current Student Data - A student data file geocoded approximately October 3rd, 2019 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 2020/21 through fall 2024/25.

The Student Accounting Summary (Table 1) indicates the total student enrollment as of October 3rd, 2019 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.

Student Accounting Summary	
School Year 2019/20 Actual Enrollment (10/04/19)	
Total Students Provided by District	8,537
Enrollment	
DJUSD Enrollment	7,956
DVCA Enrollment	581
Total Enrollment	8,537
Residence of Students	
Resident Students	7,525
Non-Resident Students	1,012
Total Enrollment	8,537
Non-Resident Students	
DVCA Enrollment	218
Inter-District Transfers	196
Resident by Employment	549
Other*	49
Total Non-Resident Students	1,012

*Includes Homeless, FosterHome, Migrant, Resident 50/50, Military Family, In Process and Blank

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 1994-2018 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 it's 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, 12th 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 2018. Future kindergarten classes (2019/20-2028/29) are estimated by multiplying the existing kindergarten class (2019/20) by the ratio of the projected year's births to the 2014 births. Assuming that the fall 2019/20 kindergarten class was born in 2014, DDP compared the total births in 2014 to the total births in 2015 to determine a factor for next year's kindergarten class (fall 2020/21). Similarly, 2014 was compared to 2016 (fall 2021/22 K class), 2014 to 2017 (fall 2022/23 K class) and 2014 to 2018 (Fall 2023/24 K class).

		Birth by Zip Code			
		95616 & 95618	Change		
Year	1994	565	115.8%		
	1995	555	113.7%		
	1996	555	113.7%		
	1997	548	112.3%		
	1998	591	121.1%		
	1999	581	119.1%		
	2000	637	130.5%		
	2001	637	130.5%		
	2002	622	127.5%		
	2003	632	129.5%		
	2004	600	123.0%		
	2005	556	113.9%		
	2006	607	124.4%		
	2007	558	114.3%		
	2008	580	118.9%		
	2009	533	109.2%		
	2010	496	101.6%		
	2011	483	99.0%		
	2012	524	107.4%		
	2013	497	101.8%	Incoming K	Year of
2014	488	BASE	Projection	Projection	
2015	531	108.8%	1.088	2020/21	
2016	505	103.5%	1.035	2021/22	
2017	475	97.3%	0.973	2022/23	
2018	428	87.7%	0.877	2023/24	
Source: Vital Statistics of California, Birth Data by Zip code, 1994-2018				1.000	2024/25
				1.000	2025/26
				1.000	2026/27
				1.000	2027/28
				1.000	2028/29
				1.000	2029/30

Comparison of Births vs. Kindergarten ¹			
Birth Year / K Year	Birth Total	Resident K Class ²	Capture Rate
2009 / 2014	533	560	105%
2010 / 2015	496	539	109%
2011 / 2016	483	494	102%
2012 / 2017	524	509	97%
2013 / 2018	497	523	105%
2014 / 2019	488	495	101%
Average Capture Rate			103%

1. Does not include TK Students

2. Does not include K students residing outside of the district boundaries

Source: Vital Statistics of California, Birth Data by Zip code, 1994-2018

Table 2— Birth Data

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:

$$\begin{array}{rcl} & 57 & \text{K grade students in fall 2019/20} \\ \times & 97\% & \text{(1st Grade mobility Birch Lane E.S.)} \\ \hline = & 55.3 & \text{1st Grade students in fall 2020/21} \end{array}$$

Attendance Area Birch Lane ES						Projection Date 10/4/2019
	ACTUAL		PROJECTED RESIDENT STUDENTS			
	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
K	57	62.0	59.6	56.8	51.9	59.4
1	76	55.3	60.7	58.8	56.1	51.3
2	58	73.7	54.2	59.9	58.0	55.4
3	74	57.4	73.5	54.7	60.3	58.4
4	84	74.0	58.0	74.6	55.7	61.3
5	107	82.3	73.1	57.8	74.1	55.6
6	83	109.1	84.5	75.6	60.0	76.6
		97%	97%	99%	100%	98%

Birch Lane E.S.	K --> G1	G1 --> G2	G2 --> G3	G3 --> G4	G4 --> G5
	97%	97%	99%	100%	98%

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 2019/20) 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 2019/20 students.

Davis Joint Union School District												
Mobility by Elementary Attendance Area 2018/19- 2019/20												
	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.	97%	97%	99%	100%	98%	102%	99%	99%	98%	101%	99%	97%
Korematsu E.S.	97%	105%	96%	96%	102%	100%	101%	97%	101%	98%	96%	99%
Montgomery E.S.	102%	95%	92%	98%	95%	99%	100%	87%	102%	100%	101%	98%
North Davis E.S.	101%	98%	98%	95%	101%	99%	106%	99%	102%	99%	104%	94%
Patwin E.S.	95%	101%	102%	95%	96%	91%	102%	98%	95%	100%	91%	98%
Pioneer E.S.	108%	110%	105%	101%	98%	96%	90%	97%	98%	94%	100%	96%
Willett E.S.	111%	106%	100%	97%	99%	98%	100%	98%	97%	96%	96%	96%

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.

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

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
14	University View Townhomes	MFA	4	RMDBT Properties	No	No	Planning	No
15	West Village	SFD	475	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	Yes	Active	No
80	Research Park Mixed	APT	144	Planning	No	No	Planning	No
81	Plaza 2555 Apts	APT	200	Richard Harris	No	Unknown	Planning	No
85	Willow Creek	SFD	35	Comstock Homes	Yes	No	Completed	No
100	Creskide Apts	APT	72	City	Yes	No	Planning	Yes
109	The Villas at El Macero	SFD	16	Fouts Homes	Yes	No	Active	Yes
102A	3820 Chiles Road Apts	APT	222	Chuck Cunningham	Yes	No	Planning	Yes
10A	University Mall Redev	APT	264	Unknown	No	Yes	Planning	No
45E	Nishi	MFA	700	N/A	Yes	Yes	Planning	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	Completed	No
46A	Cannery Market Place	APT	90	CFY Development	No	No	Planning	No
4A	Bretton Woods	SFD	70	David Taormino	Yes	Senior	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
60B	Olive Drive Mixed Use	MFA	0	Hallmark Micro	No	No	Planning	No
7C	Davis Live	APT	71	Latigo Group LLC	No	Yes	Planning	No

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 12th grade). The current student base (Fall 2019/20) is then passed onto the next year's grade (2019/20's K become 2020/21's 1st graders, 2019/20's 1st graders become 2020/21's 2nd 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 344 K-6 grade students who attend Birch Lane *and* reside in the Birch Lane attendance area. Continuing downward, 56 students attend Birch Lane that resides in the Korematsu attendance area. Next the matrix shows that 17 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 68 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 are a total of 592 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 344 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 19 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 539 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.

Elementary School of Attendance													
School of Residence		Birch Lane	Korrematsu	Montgomery	North Davis	Patwin	Pioneer	Willett	Chavez	DSIS	Fairfield	Total Residence	% Residence Attending*
	Birch Lane	344	19	23	28	7	9	29	75	2	3	539	64%
	Korrematsu	56	364	29	14	6	27	22	63	1	0	582	63%
	Montgomery	17	26	203	5	5	74	17	30	0	0	377	54%
	North Davis	66	12	38	428	22	13	65	164	3	9	820	52%
	Patwin	10	2	4	4	285	0	66	80	6	13	470	61%
	Pioneer	26	13	81	9	7	349	18	28	3	3	537	65%
	Willett	5	1	5	14	33	3	264	124	0	10	459	58%
	Out of District	68	26	68	33	36	71	59	34	2	6	403	
	Total Attendance	592	463	451	535	401	546	540	598	17	44	4,187	Total 2019/20 TK-6 4,187
School of Residence	Transfer Students	248	99	248	107	116	197	276	N/A	N/A	N/A	1,291	
	% of Total	42%	21%	55%	20%	29%	36%	51%	N/A	N/A	N/A	31%	

Middle School of Attendance								
School of Residence		Emerson	Harper	Holmes	DaVinci	DSIS	Total Residence	% Residence Attending*
	Emerson	289	7	71	74	7	448	65%
	Harper	57	481	95	35	2	670	72%
	Holmes	76	56	451	65	10	658	69%
	Out of District	38	76	62	110	11	297	
	Total Attendance	460	620	679	284	30	2,043	Total 2019/20 7-9 2,043
	Transfer Students	171	139	228	284	30	822	
School of Residence	% of Total	37%	22%	34%	100%	1	40%	

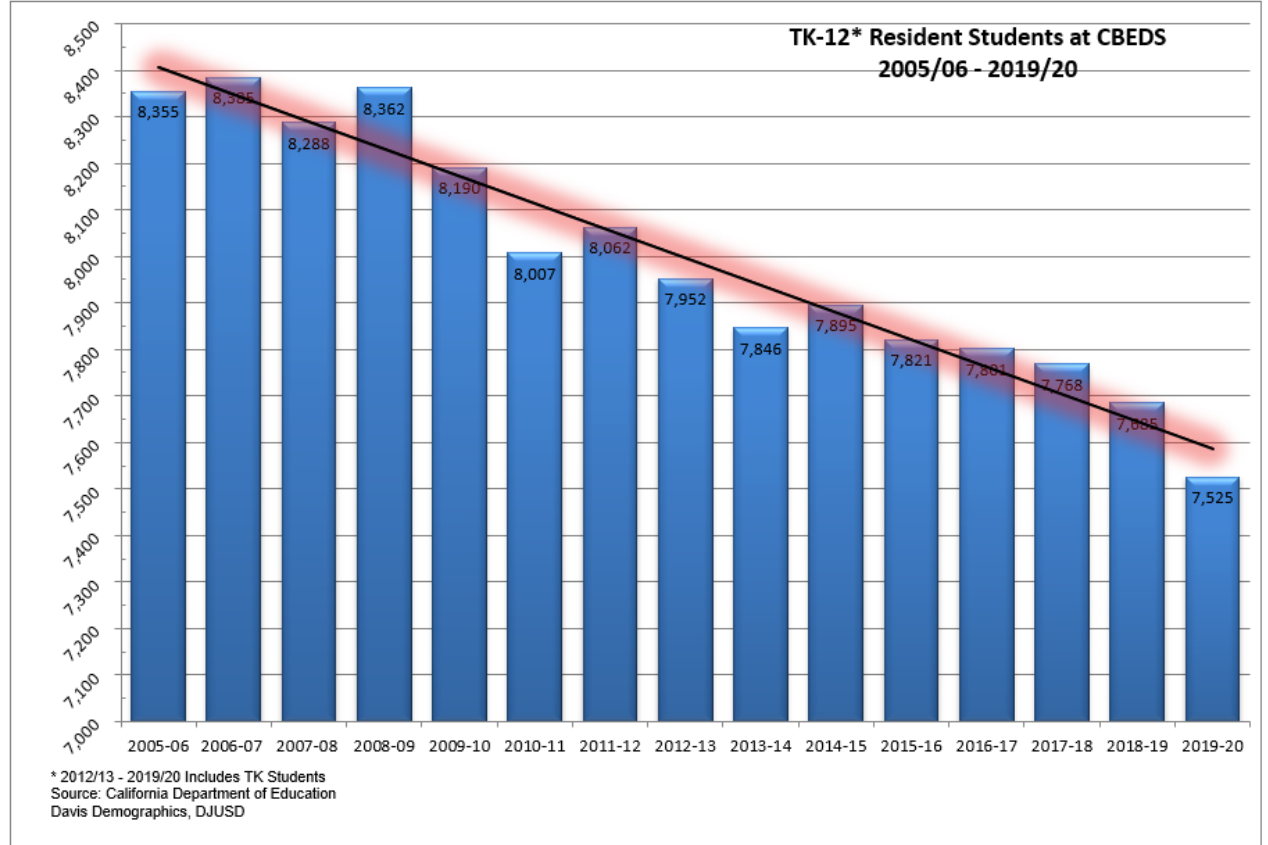
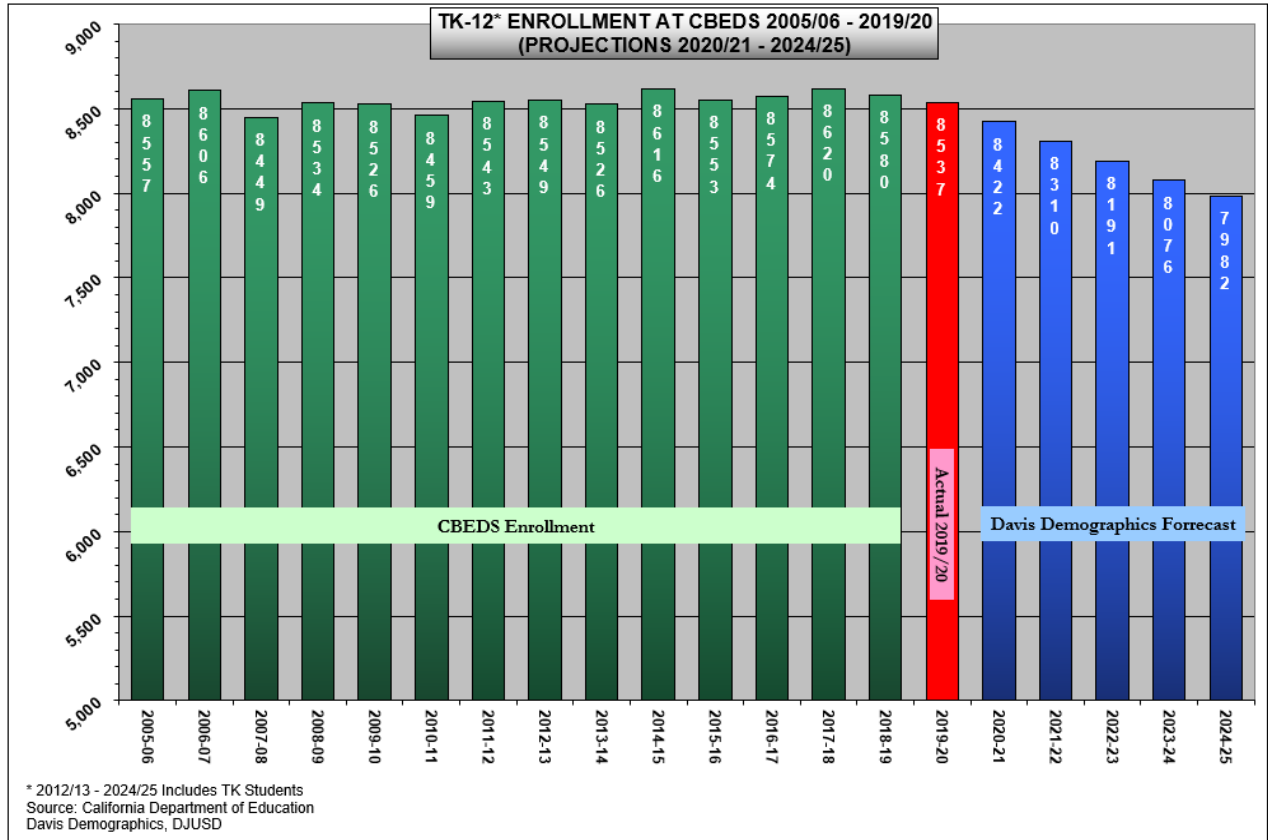
High School of Attendance							
School of Residence		Davis Senior	DaVinci HS	DSIS	King HS	Total Residence	% Residence Attending*
	Davis Senior High	1,631	189	42	33	1,895	86%
	Out of District	192	108	4	8	312	
	Total Attendance	1,823	297	46	41	2,166	Total 2019/20 10-12 2,166
	Transfer Students	192	297	46	41	535	
School of Residence	% of Total	11%	100%	100%	100%	25%	

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

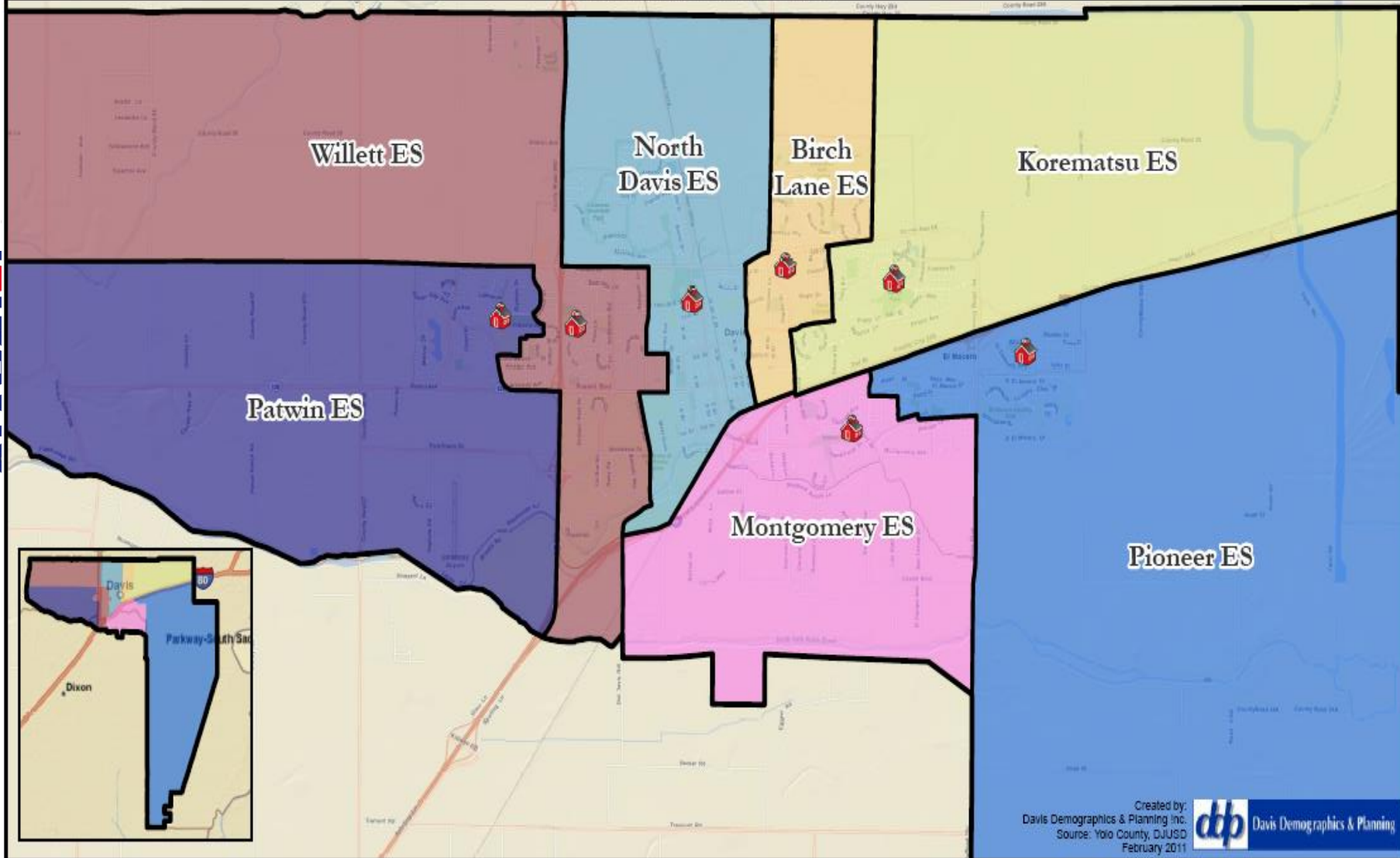
District Forecast Summary																					
Projection Date 10/03/2019																					
TK-6 TK-7-9 TK-10-12 TK-11-12 TK-12															Current	Forecasted					
	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	
	0	0	0	0	0	0	0	56	72	91	65	80	85	66	70	70	70	70	70	70	
	570	560	544	583	539	525	553	489	502	564	540	495	511	525	497	542	518	488	441	504	
	574	588	569	589	600	536	553	583	514	536	582	540	523	516	529	506	554	528	498	451	
	587	565	605	592	587	588	544	533	592	532	554	590	562	524	534	539	517	564	539	508	
	665	603	585	598	580	569	633	568	548	598	547	566	601	553	521	531	536	514	561	536	
	592	674	600	588	598	595	573	618	560	566	619	542	569	607	532	508	519	524	502	548	
	683	595	681	630	592	614	617	589	626	575	564	633	552	578	601	527	506	515	520	499	
	632	677	607	696	622	596	623	609	590	631	583	564	637	554	570	592	520	499	506	513	
	676	666	680	642	690	621	614	630	631	610	643	615	586	643	569	572	595	523	502	507	
	687	650	662	677	637	685	637	609	629	615	625	644	617	585	629	554	557	580	510	490	
	668	696	654	674	680	633	705	638	629	628	624	642	637	624	578	624	552	554	576	508	
	673	698	698	682	679	687	657	699	639	641	625	629	640	647	622	570	615	544	545	568	
	709	688	720	720	684	680	700	642	692	619	636	634	629	642	638	614	562	608	538	538	
	639	725	683	691	702	678	653	689	622	689	614	627	619	621	635	618	595	544	588	521	
SubTotal	TK-6	4,303	4,262	4,191	4,276	4,118	4,023	4,096	4,045	4,004	4,093	4,054	4,010	4,040	3,923	3,854	3,815	3,739	3,702	3,636	3,628
(Resident	7-9	2,031	2,012	1,996	1,993	2,007	1,939	1,956	1,877	1,889	1,853	1,892	1,901	1,840	1,852	1,776	1,751	1,703	1,656	1,589	1,505
Students)	10-12	2,021	2,111	2,101	2,093	2,065	2,045	2,010	2,030	1,953	1,949	1,875	1,890	1,888	1,910	1,895	1,802	1,772	1,695	1,671	1,627
	TK-12	8,355	8,385	8,288	8,362	8,190	8,007	8,062	7,952	7,846	7,895	7,821	7,801	7,768	7,685	7,525	7,368	7,214	7,053	6,896	6,760
Students																					
Residing	TK-6	68	116	86	94	174	223	219	260	271	263	251	266	280	311	403	411	419	427	435	443
Outside of	7-9	37	36	34	44	80	97	123	188	216	236	236	256	300	283	297	310	323	336	349	362
the District	10-12	97	69	41	34	82	132	139	149	193	222	245	251	272	301	312	333	354	375	396	417
and	TK-12	202	221	161	172	336	452	481	597	680	721	732	773	852	895	1,012	1,054	1,096	1,138	1,180	1,222
Unmatched																					
Students*																					
Total	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	4,257	4,226	4,158	4,129	4,071	4,071
Enrollment	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	2,073	2,061	2,026	1,992	1,938	1,867
	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	2,207	2,135	2,126	2,070	2,067	2,044
	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	8,537	8,422	8,310	8,191	8,076	7,982
Change																					
%		49	-157	85	-8	-67	84	6	-23	90	-63	21	46	-40	-43	-115	-112	-119	-115	-93	
		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%	-0.5%	-1.4%	-1.3%	-1.4%	-1.4%	-1.2%	



Elementary School Attendance Areas

Davis

Joint Unified School District



ELEMENTARY SCHOOL FORECAST BY RESIDENCE

Attendance Area Birch Lane ES					Projection Date 10/3/2019				
	Historic			Current	Projected Resident Students				
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
TK	9	10	7	5	5.0	5.0	5.0	5.0	5.0
K	82	61	80	57	62.0	59.6	56.8	51.9	59.4
1	82	78	62	76	55.3	60.7	58.8	56.1	51.3
2	102	84	76	58	73.7	54.2	59.9	58.0	55.4
3	91	104	82	74	57.4	73.5	54.7	60.3	58.4
4	87	85	112	84	74.0	58.0	74.6	55.7	61.3
5	98	88	86	107	82.3	73.1	57.8	74.1	55.6
6	88	101	95	83	109.1	84.5	75.6	60.0	76.6
TK-6	639	611	600	544	518.8	468.6	443.2	421.1	423.0

Attendance Area Korematsu ES					Projection Date 10/3/2019				
	Historic			Current	Projected Resident Students				
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
TK	13	22	11	7	7.0	7.0	7.0	7.0	7.0
K	78	84	85	68	74.7	71.5	67.0	60.5	68.8
1	86	81	79	83	66.7	73.2	69.4	65.0	58.6
2	90	88	91	82	87.9	70.8	76.9	72.9	68.2
3	89	91	82	87	79.4	85.2	68.0	73.8	70.0
4	92	90	89	76	84.2	77.0	81.7	65.3	70.9
5	95	95	88	95	78.3	86.7	78.5	83.4	66.6
6	90	99	91	91	95.8	79.0	86.7	78.5	83.4
TK-6	633	650	616	589	574.0	550.4	535.2	506.4	493.5

Attendance Area Montgomery ES					Projection Date 10/3/2019				
	Historic			Current	Projected Resident Students				
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
TK	10	4	12	6	6.0	6.0	6.0	6.0	6.0
K	51	59	46	58	63.1	60.0	56.4	50.9	58.0
1	67	47	59	48	59.2	64.4	61.2	57.6	51.9
2	60	58	48	57	45.6	56.2	61.1	58.2	54.7
3	62	52	51	51	52.4	42.0	51.7	56.3	53.5
4	60	57	57	48	50.0	51.4	41.1	50.7	55.1
5	63	53	65	52	45.6	47.5	48.8	39.1	48.1
6	57	60	55	63	51.5	45.1	47.0	48.3	38.7
TK-6	430	390	393	383	373.4	372.6	373.3	367.1	366.0

Attendance Area North Davis ES					Projection Date 10/3/2019				
	Historic			Current	Projected Resident Students				
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
TK	15	16	16	16	16.0	16.0	16.0	16.0	16.0
K	115	111	121	127	139.1	132.2	124.2	112.0	127.6
1	103	121	116	130	129.2	140.8	133.5	125.5	113.1
2	101	111	118	118	128.3	126.9	137.9	130.9	122.9
3	88	110	108	119	116.5	126.0	124.3	135.2	128.3
4	88	91	112	109	113.9	111.0	119.7	118.1	128.4
5	105	103	103	114	111.0	115.3	112.1	120.9	119.3
6	103	109	115	103	113.7	110.2	114.2	111.0	119.7
TK-6	718	772	809	836	867.7	878.4	881.9	869.6	875.3

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

ELEMENTARY SCHOOL FORECAST BY RESIDENCE

Attendance Area Patwin ES					Projection Date 10/3/2019				
	Historic			Current	Projected Resident Students				
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
TK	16	18	6	11	11.0	11.0	11.0	11.0	11.0
K	56	72	70	60	65.3	62.1	58.4	52.6	60.0
1	62	58	70	65	57.0	62.0	59.0	55.5	50.0
2	78	64	60	69	65.7	57.6	62.6	59.6	56.0
3	86	78	74	56	70.4	67.0	58.7	63.9	60.8
4	69	82	76	70	53.2	66.9	63.6	55.8	60.7
5	84	65	80	76	67.2	51.1	64.2	61.1	53.6
6	83	80	58	74	69.2	61.2	46.5	58.4	55.6
TK-6	534	517	494	481	459.0	438.9	424.0	417.9	407.7

Attendance Area Pioneer ES					Projection Date 10/3/2019				
	Historic			Current	Projected Resident Students				
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
TK	11	8	7	13	13.0	13.0	13.0	13.0	13.0
K	53	78	71	66	71.8	69.4	65.8	60.1	69.2
1	68	67	80	74	71.3	78.7	76.0	72.2	66.5
2	77	79	65	87	81.4	79.6	87.7	84.8	81.1
3	80	83	78	70	91.3	86.6	84.6	93.2	90.6
4	74	90	81	72	70.7	93.3	88.5	86.6	95.7
5	97	71	81	85	70.6	70.3	92.5	87.8	86.3
6	68	100	63	83	81.6	68.7	68.5	89.8	85.7
TK-6	528	576	526	550	551.7	559.6	576.6	587.5	588.1

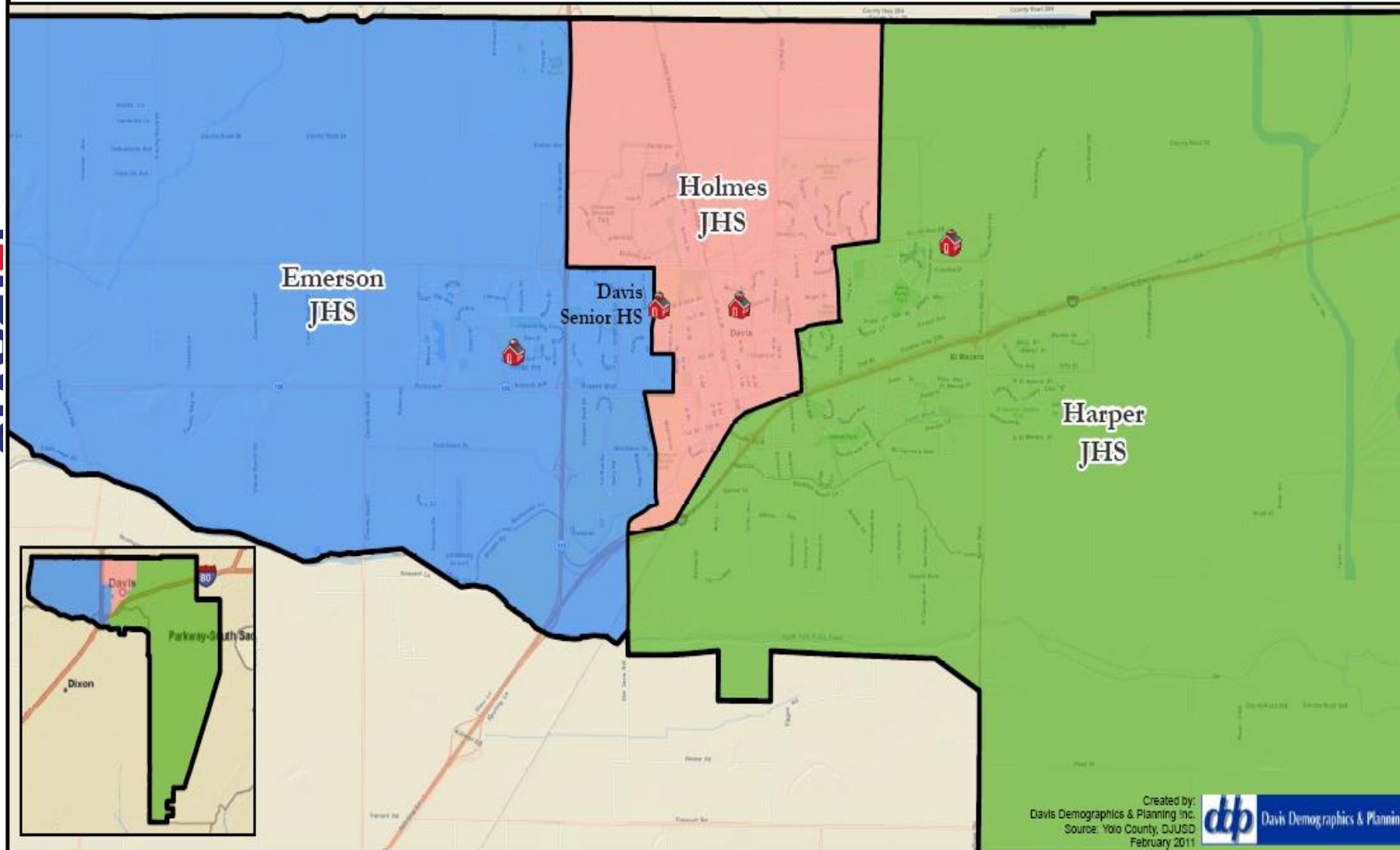
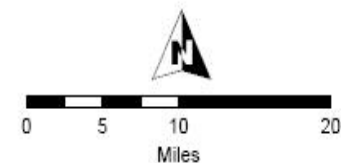
Attendance Area Willett ES					Projection Date 10/3/2019				
	Historic			Current	Projected Resident Students				
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
TK	6	7	7	12	12.0	12.0	12.0	12.0	12.0
K	60	46	52	61	66.4	63.1	59.4	53.5	61.0
1	72	71	50	53	67.7	73.7	70.1	65.9	59.4
2	82	78	66	63	56.2	71.8	78.1	74.3	69.8
3	70	83	78	64	63.0	56.2	71.8	78.1	74.3
4	72	74	80	73	62.1	61.1	54.5	69.6	75.7
5	91	77	75	72	72.3	61.5	60.5	53.9	68.9
6	75	88	77	73	70.6	70.8	60.2	59.3	52.9
TK-6	528	524	485	471	470.3	470.2	466.6	466.6	474.0

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

Junior High School Attendance Areas

Davis

Joint Unified School District



SECONDARY SCHOOL FORECAST BY RESIDENCE

Attendance Area		Emerson JHS			Projection Date 10/3/2019				
		Historic			Current	Projected Resident Students			
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
TK		22	25	13	23	23.0	23.0	23.0	23.0
K		116	118	122	121	131.6	125.2	117.7	106.1
1		134	129	120	118	124.7	135.7	129.1	121.3
2		160	142	126	132	121.8	129.3	140.7	133.9
3		156	161	152	120	133.4	123.1	130.5	142.0
4		141	156	156	143	115.3	128.0	118.1	125.4
5		175	142	155	148	139.5	112.5	124.7	115.0
6		158	168	135	147	139.7	132.0	106.7	117.7
7		141	169	164	138	148.5	141.1	133.2	107.6
8		163	148	163	158	135.2	145.5	138.3	130.5
9		173	158	146	152	151.7	130.0	139.7	132.8
TK-6		1,062	1,041	979	952	929.0	908.8	890.5	884.4
7-9		477	475	473	448	435.4	416.6	411.2	370.9

Attendance Area		Harper JHS			Projection Date 10/3/2019				
		Historic			Current	Projected Resident Students			
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
TK		34	34	30	26	26.0	26.0	26.0	26.0
K		182	221	202	192	209.7	200.9	189.2	171.4
1		221	195	218	205	197.1	216.3	206.7	194.8
2		227	225	204	226	214.9	206.6	225.8	215.8
3		231	226	211	208	223.2	213.7	204.3	223.3
4		226	237	227	196	204.9	221.7	211.4	202.5
5		255	219	234	232	194.5	204.5	219.8	210.2
6		215	259	209	237	228.8	192.9	202.2	216.7
7		268	211	248	217	230.5	223.5	187.9	197.3
8		255	260	205	240	205.6	219.2	212.8	178.9
9		266	246	262	213	240.6	207.1	220.2	213.7
TK-6		1,591	1,616	1,535	1,522	1,499.1	1,482.6	1,485.4	1,460.7
7-9		789	717	715	670	676.7	649.8	620.9	589.9

Attendance Area		Holmes JHS			Projection Date 10/3/2019				
		Historic			Current	Projected Resident Students			
		2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24
TK		24	26	23	21	21.0	21.0	21.0	21.0
K		197	172	201	184	201.1	191.8	181.0	163.9
1		185	199	178	206	184.5	201.5	192.3	181.5
2		203	195	194	176	202.0	181.1	197.8	188.9
3		179	214	190	193	173.9	199.5	179.0	195.5
4		175	176	224	193	187.9	169.0	194.3	173.8
5		203	191	189	221	193.3	188.4	169.9	195.0
6		191	210	210	186	222.9	194.7	189.8	171.0
7		206	206	231	214	193.0	229.9	201.6	197.0
8		226	209	217	231	213.4	192.3	228.7	200.7
9		203	233	216	213	232.0	214.4	193.5	229.6
TK-6		1,357	1,383	1,409	1,380	1,386.6	1,347.0	1,325.1	1,290.6
7-9		635	648	664	658	638.4	636.6	623.8	627.3

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

SECONDARY SCHOOL FORECAST BY RESIDENCE

Attendance Area	Davis Senior HS				Projection Date 10/3/2019				
	Historic			Current	Projected Resident Students				
	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25
TK	80	85	66	70	70.0	70.0	70.0	70.0	70.0
K	495	511	525	497	542.4	518.0	488.0	441.4	504.1
1	540	523	516	529	506.3	553.4	528.1	497.6	450.8
2	590	562	524	534	538.8	517.0	564.3	538.6	508.2
3	566	601	553	521	530.6	536.4	513.8	560.7	535.8
4	542	569	607	532	508.1	518.6	523.7	501.7	547.8
5	633	552	578	601	527.2	505.4	514.4	520.2	498.4
6	564	637	554	570	591.4	519.6	498.7	505.4	512.5
7	615	586	643	569	571.9	594.5	522.7	501.9	507.0
8	644	617	585	629	554.2	557.0	579.8	510.1	489.9
9	642	637	624	578	624.3	551.5	553.4	576.0	507.2
10	629	639	647	622	569.8	614.9	543.7	545.2	568.2
11	634	629	642	638	613.9	561.5	607.4	537.8	538.2
12	627	619	621	635	618.1	594.8	543.9	587.7	520.6
TK-6	4,010	4,040	3,923	3,854	3,814.8	3,738.4	3,701.0	3,635.6	3,627.6
7-9	1,901	1,840	1,852	1,776	1,750.4	1,703.0	1,655.9	1,588.0	1,504.1
10-12	1,890	1,887	1,910	1,895	1,801.8	1,771.2	1,695.0	1,670.7	1,627.0

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 = 104 Total MFA = 60 Total APT = 294																	
Study Area	10/2019 - 10/2020			10/2020 - 10/2021			10/2021 - 10/2022			10/2022 - 10/2023			10/2023 - 10/2024			Elementary	Junior High School
	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT	Attendance Area	Attendance Area
30	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	North Davis ES	Holmes JHS
46A	0	40	0	0	20	0	0	0	0	0	0	0	0	0	0	North Davis ES	Holmes JHS
53B	0	0	0	15	0	0	27	0	0	27	0	0	27	0	0	Birch Lane ES	Holmes JHS
100	0	0	36	0	0	36	0	0	0	0	0	0	0	0	0	Korematsu ES	Harper JHS
102A	0	0	0	0	0	50	0	0	50	0	0	50	0	0	72	Pioneer ES	Harper JHS
Total	8	40	36	15	20	86	27	0	50	27	0	50	27	0	72		
	Total 19 / 20		84	Total 20 / 21		121	Total 21 / 22		77	Total 22 / 23		77	Total 23 / 24		99		