DJUSD

DAVIS JOINT UNIFIED SCHOOL DISTRICT

Student Population Forecast

By Residence

School Year 2021-2022 Report

Forecast 2022-23 to 2026-27

Prepared by

DAVIS DEMOGRAPHICS

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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 five-year student population forecast. 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 utilized in the Five-year student population forecast model.

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

The **District Student Resident Forecast Summary** sections review the Fall 2021/22 student resident forecast results. Included in these sections are a district wide student population forecast summary and a projected resident student population summary for each existing attendance area and study area.

While reading this report, it is important to remember that this is a snapshot of current and potential student population based upon data gathered in Fall 2021/22. Population demographics change, development plans change, funding opportunities can change, District priorities can change, and therefore, new forecasts 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 five-year student population forecasts:

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 like 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' (2018/19, 2019/20 and 2020/21) address matched students as historical data.

b. Current Student Data - A student data file geocoded October 6th, 2021, summarized by grade level and by study area is used as a base for enrollment forecasts. Existing students are categorized by study area through the address matching process that locates each student within a particular area based upon their given address. The forecasts run each of the next five years from fall 2022/23 through fall 2026/27.

The Student Accounting Summary (Table 1) indicates the total student enrollment as of October 6th, 2021, and the number of students used in the five-year student population forecasts. The forecast model is based upon student residence and excludes students residing outside of the district's boundaries, students unable to be address matched and Independent Study students.

Student Accounting Summary Students Used in Forecast	
Total Students Provided by District	**8,297**
Resident Students In Forecast	
Resident DJUSD Students	6,752
Resident DVCA Students	359
Total Resident Students in Forecast	**7,111**
Other Students In District Summary	
DJUSD Students (Non-Resident)	971
DVCA (Non-Resident)	215
Total Other Students in District Summary	**1,186**
Total Students in Forecast	
Total Resident Students in Forecast	7,111
Total Other Students in District Summary	1,186
Total Students Provided by District	**8,297**

Non-Geographic Data

Two basic sets of non-geographic data were compiled and reviewed for use in the five-year student population forecasts by residence:

1. Births by Zip Code
2. Mobility Factors

1) Births by Zip Code Data - Birth data by postal zip code, obtained from the California State Department of Health, for the years 1994-2019 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, like a cohort, is applied as a percentage of increase/decrease among each grade for every year of the forecasts

FIVE YEAR FORECAST METHODOLOGY

The forecast 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 forecasts are summarized from the individual study area forecasts. **These forecasts 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, 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 forecasts by residence.

Five-Year Forecasts

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

Why Forecasts are Calculated by Residence

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

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

1) Progression - Each year of the forecasts, 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 necessary, 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 2020. Future kindergarten classes (2022/23-2026/27) are estimated by multiplying the existing kindergarten class (2021/22) by the ratio of the projected year's births to the 2016 births. Assuming the fall 2021/22 kindergarten class was born in 2016, DDP compared the total births in 2016 to the total births in 2017 to determine a factor for next year's kindergarten class (fall 2022/23). Similarly, 2016 was compared to 2018 (fall 2023/24 K class), 2016 to 2019 (fall 2024/25 K class) and 2016 to 2020 (Fall 2025/26 K class).

Births by Zip Code				Birth Rate	
Birth Year	Kinder Year	95616 and 95618	% Change*	Birthrate Used in Forecast	School Year
1994	1999	565	111.9%		1999/00
1995	2000	555	109.9%		2000/01
1996	2001	555	109.9%		2001/02
1997	2002	548	108.5%		2002/03
1998	2003	591	117.0%		2003/04
1999	2004	581	115.0%		2004/05
2000	2005	637	126.1%		20005/06
2001	2006	637	126.1%		2006/07
2002	2007	622	123.2%		2007/08
2003	2008	632	125.1%		2008/09
2004	2009	600	118.8%		2009/10
2005	2010	556	110.1%		2010/11
2006	2011	607	120.2%		2011/12
2007	2012	558	110.5%		2012/13
2008	2013	580	114.9%		2013/14
2009	2014	533	105.5%		2014/15
2010	2015	496	98.2%		2015/16
2011	2016	483	95.6%		2016/17
2012	2017	524	103.8%		2017/18
2013	2018	497	98.4%		2018/19
2014	2019	488	96.6%		2019/20
2015	2020	531	105.1%		2020/21
2016	2021	505	Base Year		2021/22
2017	2022	475	94.1%	1.080	2022/23
2018	2023	428	84.8%	1.060	2023/24
2019	2024	395	78.2%	1.040	2024/25
2020	2025	382	75.6%	1.020	2025/26
2021	2026	Birth Data was not available at the time of study.	NA	1.000	2026/27

** % Change refers to the change in total births for each year compared to the base year.*

Source: California Department of Health Statistics

** Due to the Covid-19 Pandemic there was an unpredicted decline in kindergarten enrollment. Because the forecast model utilizes the current year's (2021/22) kindergarten resident population to estimate future kindergarten resident population, a modified birth rate was used for future years. Through discussion with district staff, it was decided to use 1.1 to 1.02 for the forecasted resident kindergarten population. This will keep the future kindergarten resident population near the average of the last five years.

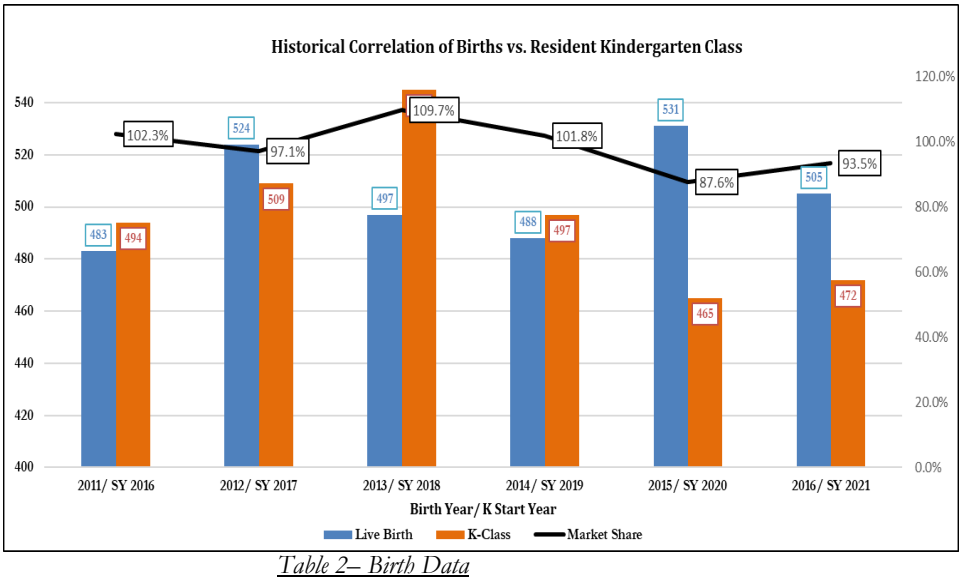


Table 2– Birth Data

3) Student Mobility Factors - Student mobility factors further refine the ten-year student population forecasts. Mobility refers to the increase/decrease in the migration of students within the district boundary (move-in/move-out of students from existing housing). Mobility, like a cohort, is applied as a percentage to each grade for every year of the forecasts.
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).

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 2017/18 through 2021/22) and three yearly groupings were calculated. For example, a comparison was made for the fall 2017/18 K student population to the fall 2018/19 1st grade students. This comparison was also conducted for the fall 2018/19 & fall 2019/20, and the fall 2019/20 & fall 2021/22 students.

Attendance Area	K to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 6	6 to 7	7 to 8	8 to 9	9 to 10	10 to 11	11 to 12
Birch Lane ES	1.00	1.04	1.00	1.00	0.99	0.96	0.97	1.02	1.00	1.00	1.01	1.01
Korematsu ES	0.96	0.94	0.95	0.93	1.05	0.97	1.06	1.03	0.98	1.04	1.04	1.00
North Davis ES	0.97	1.01	0.96	0.96	1.02	0.93	1.05	1.06	0.99	0.97	0.97	0.95
Patwin ES	1.00	1.03	0.98	0.93	0.99	0.96	0.96	0.98	0.97	0.97	1.00	0.99
Pioneer ES	1.04	1.16	0.94	0.94	0.93	0.96	1.00	1.00	0.96	1.01	0.96	1.00
Willett ES	1.03	1.07	0.95	0.93	0.94	0.98	1.00	0.96	0.97	1.01	0.94	0.97

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 five-year timeframe of the student population forecasts. The projected units within the next ten years will have the appropriate Student Yield Factor, Table 4, 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 forecast by residence DDP includes all approved and tentative tract maps in addition to any planned or proposed development that may occur within the forecast timeframe. The planned residential development information and phasing estimates is a snapshot of the district at the time of this study. All the Information may change and should be updated annually (see Table 5 next page).

5) Student Yield Factors – Five-Year Forecasts **-** Closely related to the planned residential development units are Student Yield Factors. The Student Yield Factors, when applied to planned residential development units, determine additional students generated from new construction within the district.

Student Yield Factors - District Wide*			
Type	K-6 Yield	7-8 Yield	9-12 Yield
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.

RESIDENTIAL DEVELOPMENT LIST

Project Name	Study Area	Type	Total Units	Developer	City Approval	Student Housing	Status	Years Until Buildout	Included in Forecast
3820 Chiles Road Apts	102A	APT	222	Chuck Cunningham	Yes	No	Planning	Not started/potential BO 2024	Yes
715 Pole Line Rd	57A	MFA	30	Fouts Homes	Yes	No	Planning	Not started/potential 2023	Yes
Bretton Woods	4A	SFD	70	David Taormino	Yes	No	Planning	Potential BO 2023	Yes
Cannery Market Place	46A	APT	90	Leeland Development	Yes	No	Planning	Not started/potential 2023	Yes
Chiles Ranch	53B	SFD	96	Fouts Homes	Yes	No	Planning	Starting in 2021 BO 2023	Yes
Davis Live	7C	APT	71	Latigo Group LLC	Yes	Yes	Planning	2022	No
DISC (Davis Innovation and Sustainablility Campus)	90B	-	-	Yolo 101 JV	No	No	Planning	Waiting Approval	No
Gala 1/2 The Cannery	46A	MFA	60	New American Homes	Yes	No	Active	2021	Yes
Grande Village	30	SFD	41	Fouts Homes	Yes	No	Active	2021	Yes
Lincoln 40 Apts	60B	APT	130	City	Yes	Yes	Planning	2021	No
Nishi	45E	MFA	700	N/A	Yes	Yes	Planning	Not started	No
Olive Drive Mixed Use	60B	MFA	0	Hallmark Micro	No	No	Planning		No
Plaza 2555 Apts	81	APT	200	Richard Harris	Yes	No	Planning	Not started	Yes
Research Park Mixed	80	APT	144	Planning	Yes	No	Planning	Not started	Yes
Sterling 5th Apts	61	APT	38	Davis LLC	Yes	Yes	Active	2021	No
The Villas at El Macero	109	SFD	16	Fouts Homes	Yes	No	Active	2021	Yes
Trackside Center	59A	APT	27	Trackside LLC	Yes	No	Planning	Not started	Yes
University Mall Redev	10A	APT	264	Unknown	Yes	Yes	Planning	Not started	No
University View Townhomes	14	MFA	4	RMDBT Properties	Yes	No	Approved	Not started/Potential 2022	Yes
West Village	15	SFD	475	West Village LLC	Yes	Yes	Active	UCD	No

Table 5– Planned Residential Development

Note: The development list includes projects that occupancy will begin in the five-year period of the enrollment forecasts. Future projects may not be included if they do not fall in this period. 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.

RESIDENTIAL DEVELOPMENT SUMMARY

SFD Total = 151 **MFA Total = 34** **APT Total = 643** **Total Units = 828**

Study Area	10/2021 - 10/2022			10/2022 - 10/2023			10/2023 - 10/2024			10/2024 - 10/2025			10/2025- 10/2026			Total Units	Elementary Area	Junior High Area
	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT	SFD	MFA	APT			
4A	0	0	0	35	0	0	35	0	0	0	0	0	0	0	0	70	Willett ES	Emerson JHS
14	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	Willett ES	Emerson JHS
30	0	0	0	0	0	0	0	0	45	0	0	45	0	0	0	90	North Davis ES	Holmes JHS
46A	27	0	0	27	0	0	27	0	0	0	0	0	0	0	0	81	Birch Lane ES	Holmes JHS
53B	0	0	0	0	0	0	0	0	0	0	15	0	0	15	0	30	Birch Lane ES	Holmes JHS
59A	0	0	0	0	0	0	0	0	14	0	0	13	0	0	0	27	North Davis ES	Holmes JHS
80	0	0	0	0	0	154	0	0	0	0	0	0	0	0	0	154	Pioneer ES	Harper JHS
81	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	200	Pioneer ES	Harper JHS
102A	0	0	50	0	0	50	0	0	72	0	0	0	0	0	0	172	Pioneer ES	Harper JHS
Total	27	4	50	62	0	304	62	0	231	0	15	58	0	15	0			
	Total 2021 / 22		81	Total 2022 / 23		366	Total 2023 / 24		293	Total 2024 / 25		73	Total 2025 / 26		15			

SFD - Single Family Detached
MFA - Multiple Family Attached
APT - Apartments

APPLYING THE VARIABLES TO GENERATE THE FORECASTS

The following paragraphs summarize how DDP uses the factors to determine the student population forecasts. Remember that these forecasts 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 forecasts are calculated at the study area level. This means that DDP conducts 247 individual forecasts that are based upon the number of students residing in each study area.

The first step in running these forecasts 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 2021/22) is then passed onto the next year's grade (2021/22's K become 2022/23's 1st graders, 2021/22's 1st graders become 2022/23'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 consider the natural in/out migration of students throughout the district.

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

The District Summary for the forecasts (Section 3) is a total summary of all 247 study areas, which excludes all 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 forecasts by simply adding the existing totals in at the bottom of the forecasts (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 forecasts 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 forecasts 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, to provide the most accurate prediction of future facilities adjustments.** Therefore, since the forecasts are based upon where the students reside, the figures used as a base for each school's resident forecast may differ from the actual reported enrollment for each school.

These attendance matrices function as 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 forecasts 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 TK-6 Elementary School Attendance Matrix below, let us begin with Birch Lane as an example. Following down the first column with the Birch Lane heading, there are 289 TK-6 grade students who attend Birch Lane *and* reside in the Birch Lane attendance area. Continuing downward, 50 students attend Birch Lane that resides in the Korematsu attendance area. Next the matrix shows that 71 students attend Birch Lane and reside in the North Davis ES 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 74 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 531 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 289 represents the total number of TK-6 grade students that reside in the Birch Lane attendance area and attend Birch Lane. The next column, Korematsu, refers to the number of TK-6 grade students that reside in the Birch Lane attendance area, but attend Korematsu. There are currently 43 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 attendance area. There are 509 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 2021/22 forecasts

SCHOOL OF RESIDENCE	Attendance Area	Count of Students Living in Attendance Area	SCHOOL OF ENROLLMENT: Birch Lane ES	Korematsu ES	North Davis ES	Patwin ES	Pioneer ES	Willett ES	Chavez ES	Davis School Independent Study	Fairfield School	Montgomery ES
	Birch Lane ES	509	289	43	21	7	3	24	62	19	3	38
	Korematsu ES	521	50	338	11	4	22	14	39	24	1	18
	North Davis ES	833	71	19	414	28	10	85	145	18	7	36
	Patwin ES	426	9	2	4	244	1	58	70	16	15	7
	Pioneer ES	847	30	30	12	13	446	21	46	22	1	226
	Willett ES	401	8	1	9	34	0	218	110	6	9	6
	Total Resident Students	3,537	457	433	471	330	482	420	472	105	36	331
	Out of District Students	496	74	44	42	56	53	62	46	34	3	82
	Total Enrollment	4,033	531	477	513	386	535	482	518	139	39	413

SCHOOL OF RESIDENCE	Attendance Area	Count of Students Living in Attendance Area	SCHOOL OF ENROLLMENT: Emerson JHS	Harper JHS	Holmes JHS	Davinci Junior High School	Davis School Independent Study
	Emerson JHS	446	311	7	47	68	13
	Harper JHS	662	62	431	106	53	10
	Holmes JHS	624	76	55	389	84	20
	Total Resident Students	1,732	449	493	542	205	43
	Out of District Students	333	45	88	76	110	14
	Total Enrollment	2,065	494	581	618	315	57

SCHOOL OF RESIDENCE	Attendance Area	Count of Students Living in Attendance Area	SCHOOL OF ENROLLMENT: Davis Senior HS	Davinci High School	Davis School Independent Study	Martin Luther King Jr. HS
	Davis Senior HS	1,842	1,584	154	56	48
	Total Resident Students	1,842	1584	154	56	48
	Out of District Students	357	226	105	21	5
	Total Enrollment	2,199	1,810	259	77	53

FIVE YEAR FORECAST SUMMARIES

Finally, the student population is projected out five years for each of the study areas and for the entire Davis Joint Unified School District. The District Wide forecast 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 moved between schools to assist in balancing enrollment changes. Together, these forecast summaries present the means to identify the timing of student arrivals and overall facility requirements, as well as location to accommodate the district's expected population shift.

Student Forecast 2021/22 - 2026/27

District Summary Report

Historic Resident Counts																	Current	Forecasted Resident Counts				
Grade	**2005**	**2006**	**2007**	**2008**	**2009**	**2010**	**2011**	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**
TK**	0	0	0	0	0	0	0	56	72	91	65	80	85	66	70	63	59	97.0	128.0	163.0	216.0	216.0
K	570	560	544	583	539	525	553	489	502	564	540	495	511	525	497	465	472	511.9	510.2	503.9	492.6	482.7
1	574	588	569	589	600	536	553	583	514	536	582	540	523	516	529	482	509	469.5	515.7	512.6	500.6	488.1
2	587	565	605	592	587	588	544	533	592	532	554	590	562	524	534	494	498	515.4	485.7	531.2	522.1	508.6
3	665	603	585	598	580	569	633	568	548	598	547	566	601	553	521	501	497	484.7	508.2	478.0	516.6	506.6
4	592	674	600	588	598	595	573	618	560	566	619	542	569	607	532	482	492	472.5	465.6	487.0	453.2	488.5
5	683	595	681	630	592	614	617	589	626	575	564	633	552	578	601	511	497	488.9	475.8	465.8	482.4	447.6
6	632	677	607	696	622	596	623	609	590	631	583	564	637	554	570	565	513	483.0	480.4	466.8	451.8	467.1
7	676	666	680	642	690	621	614	630	631	610	643	615	586	643	569	566	571	519.0	497.2	491.8	472.3	454.4
8	687	650	662	677	637	685	637	609	629	615	625	644	617	585	629	573	587	577.9	532.1	507.8	496.5	475.9
9	668	696	654	674	680	633	705	638	629	628	624	642	637	624	578	619	574	583.5	579.1	533.0	506.2	493.6
10	673	698	698	682	679	687	657	699	639	641	625	629	640	647	622	582	632	575.7	586.5	583.2	533.0	506.7
11	709	688	720	720	684	680	700	642	692	619	636	634	629	642	638	602	599	630.1	577.5	586.5	582.1	530.1
12	639	725	683	691	702	678	653	689	622	689	614	627	619	621	635	622	611	594.6	629.4	576.7	581.3	577.2
Resident Student Totals by Grade Configuration																						
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	3,563	3,537	3,523	3,570	3,608	3,635	3,605
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	1,758	1,732	1,680	1,608	1,533	1,475	1,424
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	1,806	1,842	1,800	1,793	1,746	1,696	1,614
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	7,127	7,111	7,003.7	6,971.4	6,887.3	6,806.7	6,643.1
Students Residing Outside of the District Boundaries and Unmatched Students																						
TK-6	68	116	86	94	174	223	219	260	271	263	251	266	280	311	403	442	496	523.0	550.0	577.0	604.0	631.0
7-9	37	36	34	44	80	97	123	188	216	236	236	256	300	283	297	307	333	353.0	373.0	393.0	413.0	433.0
10-12	97	69	41	34	82	132	139	149	193	222	245	251	272	301	312	345	357	381.0	405.0	429.0	453.0	477.0
TK-12	202	221	161	172	336	452	481	597	680	721	732	773	852	895	1,012	1,094	1,186	1,257.0	1,328.0	1,399.0	1,470.0	1,541.0
Total Students*																						
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	4,005	4,033	4,045.9	4,119.6	4,185.3	4,239.3	4,236.2
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	2,065	2,065	2,033.4	1,981.4	1,925.6	1,888.0	1,856.9
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	2,151	2,199	2,181.4	2,198.4	2,175.4	2,149.4	2,091.0
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	8,221	8,297	8,260.7	8,299.4	8,286.3	8,276.7	8,184.1
Annual Change																						
TK-6 Difference	7	-101	93	-78	-46	69	-10	-30	81	-51	-29	44	-86	23	-252	28	12.9	73.7	65.7	54.0	-3.1	
7-9 Difference	-20	-18	7	50	-51	43	-14	40	-16	39	29	-17	-5	-62	-8	0	-31.6	-52.0	-55.8	-37.6	-31.1	
10-12 Difference	62	-38	-15	20	30	-28	30	-33	25	-51	21	19	51	-4	-56	48	-17.6	17.0	-23.0	-26.0	-58.4	
TK-12 Difference	49	-157	85	-8	-67	84	6	-23	90	-63	21	46	-40	-43	-316	76	-36.3	38.7	-13.1	-9.6	-92.6	

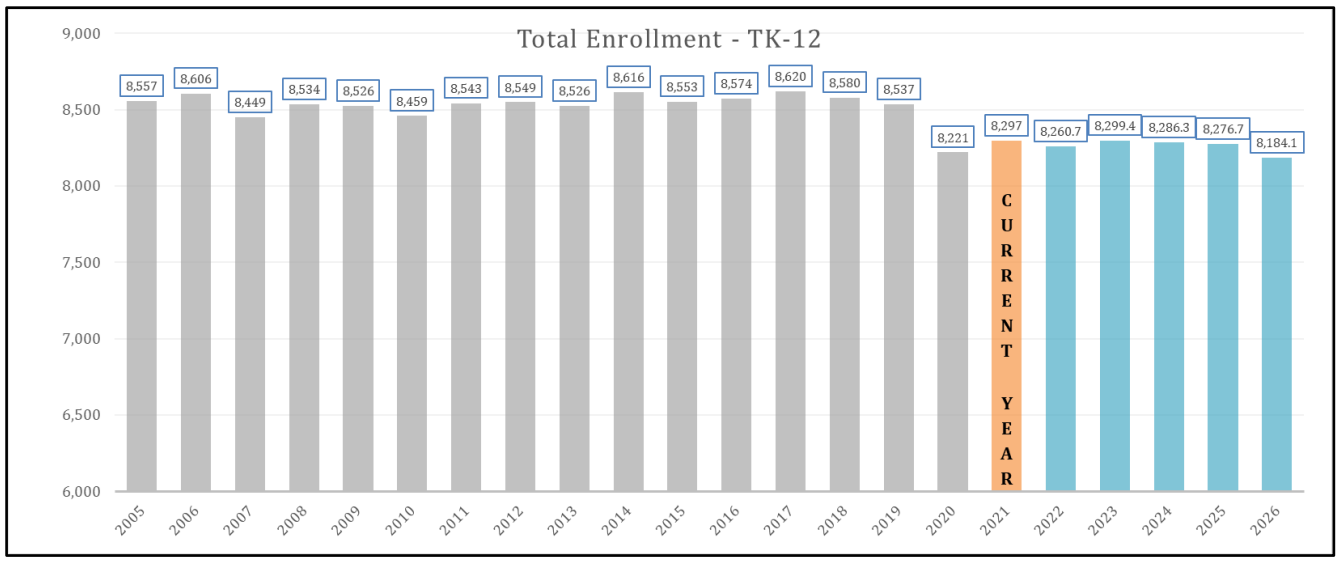
Notes

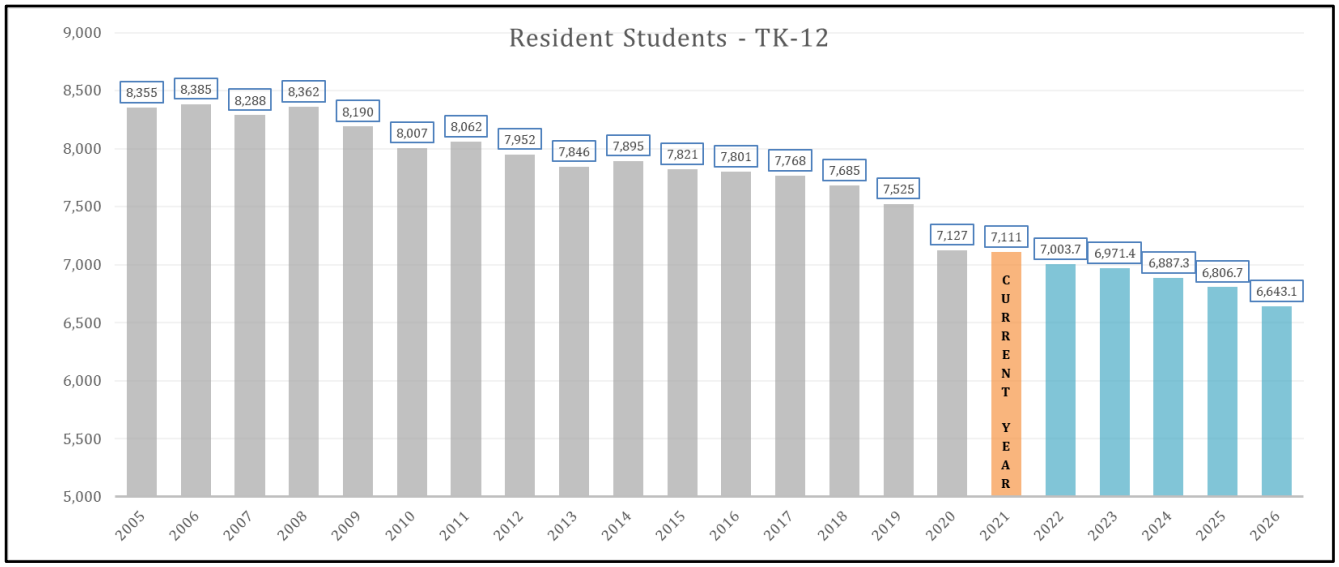
Forecast based on student data as of 10/6/2021.

***Total forecast numbers include an increase of 71 Out of District (IDTs) per year**

****TK forecast provided by Davis JUSD staff and assumes all TK students will reside within the Davis JUSD boundaries (94% of TK students are residents currently)**

DAVIS DEMOGRAPHICS


Total Enrollment - TK-12
9,000
8,500
8,000
7,500
7,000
6,500
6,000
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
8,221
8,297
8,260.7
8,299.4
8,286.3
8,276.7
8,184.1
CURRENT YEAR
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
2017
2018
2019
2020
2021
2022
2023
2024
2025
2026


Resident Students - TK-12
9,000
8,500
8,000
7,500
7,000
6,500
6,000
5,500
5,000
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
7,127
7,111
7,003.7
6,971.4
6,887.3
6,806.7
6,643.1
CURRENT YEAR
2005
2006
2007
2008
2009
2010
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2018
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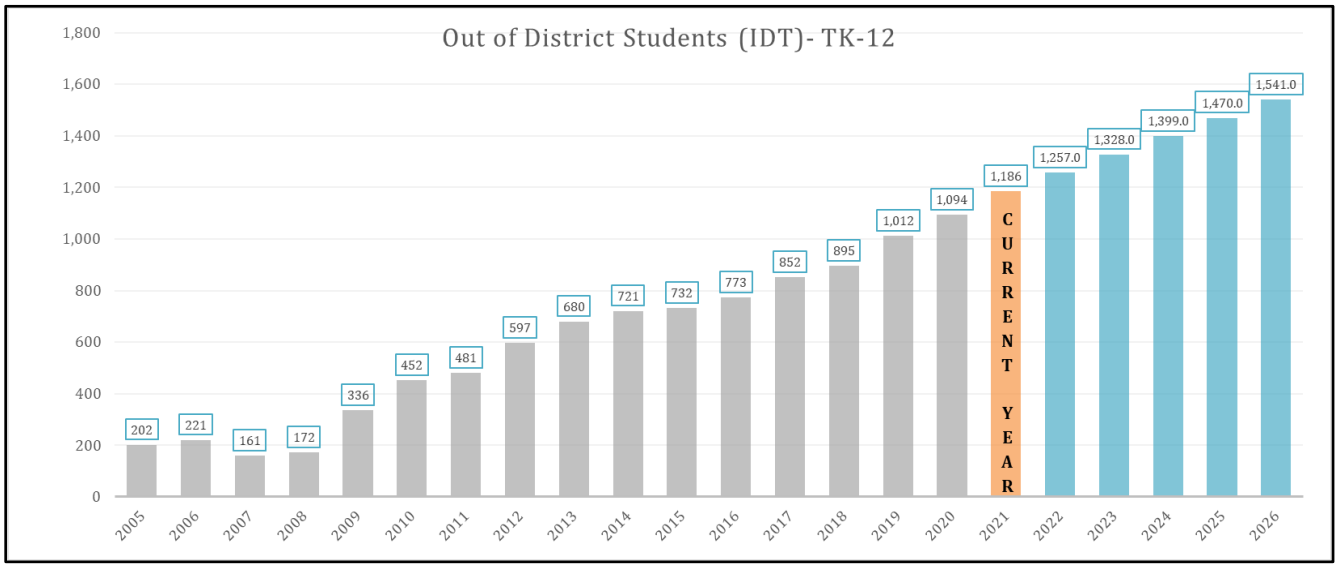
2023
2024
2025
2026


Out of District Students (IDT)- TK-12
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
202
221
161
172
336
452
481
597
680
721
732
773
852
895
1,012
1,094
1,186
1,257.0
1,328.0
1,399.0
1,470.0
1,541.0
CURRENT YEAR
2005
2006
2007
2008
2009
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2022
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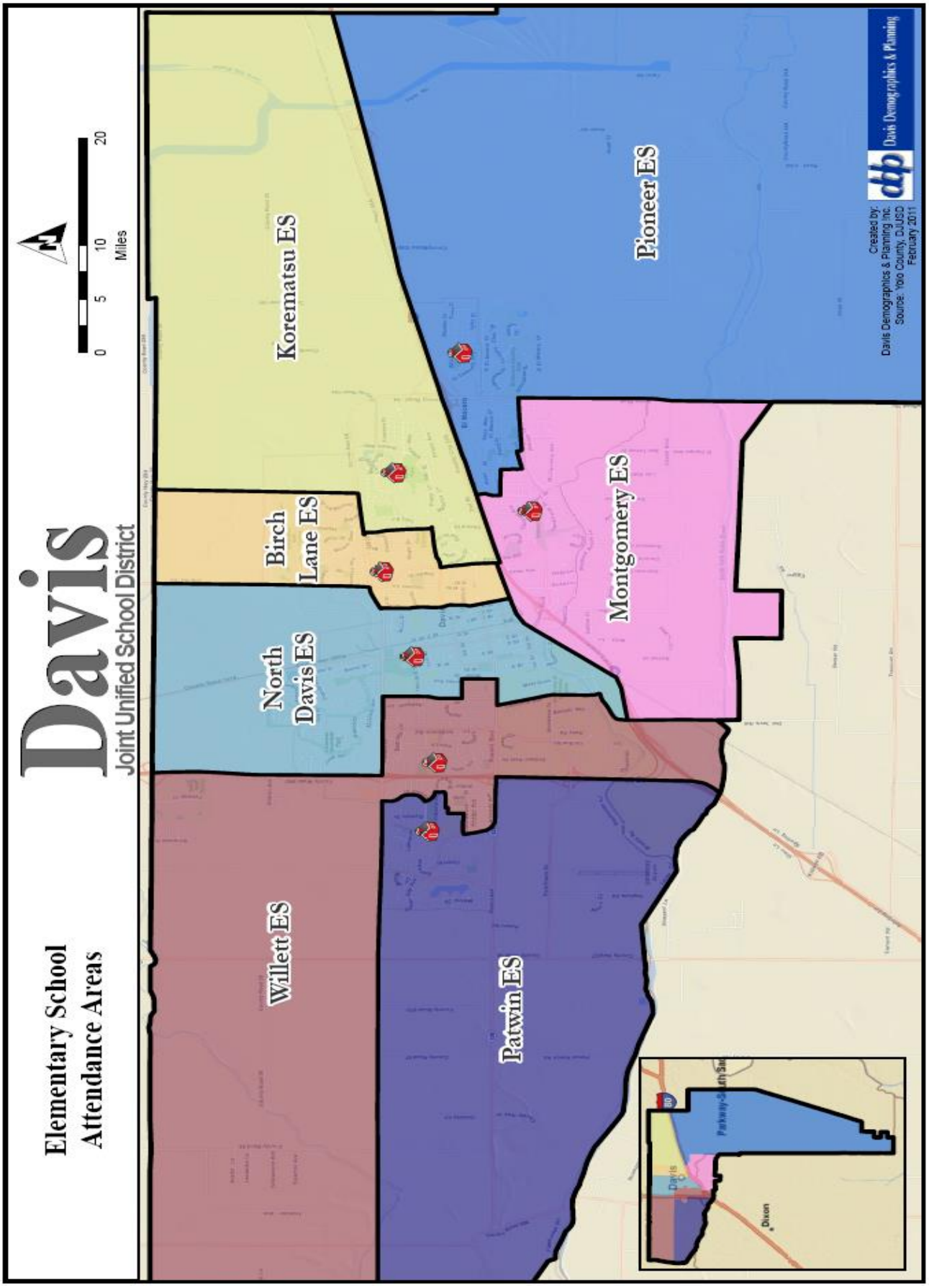
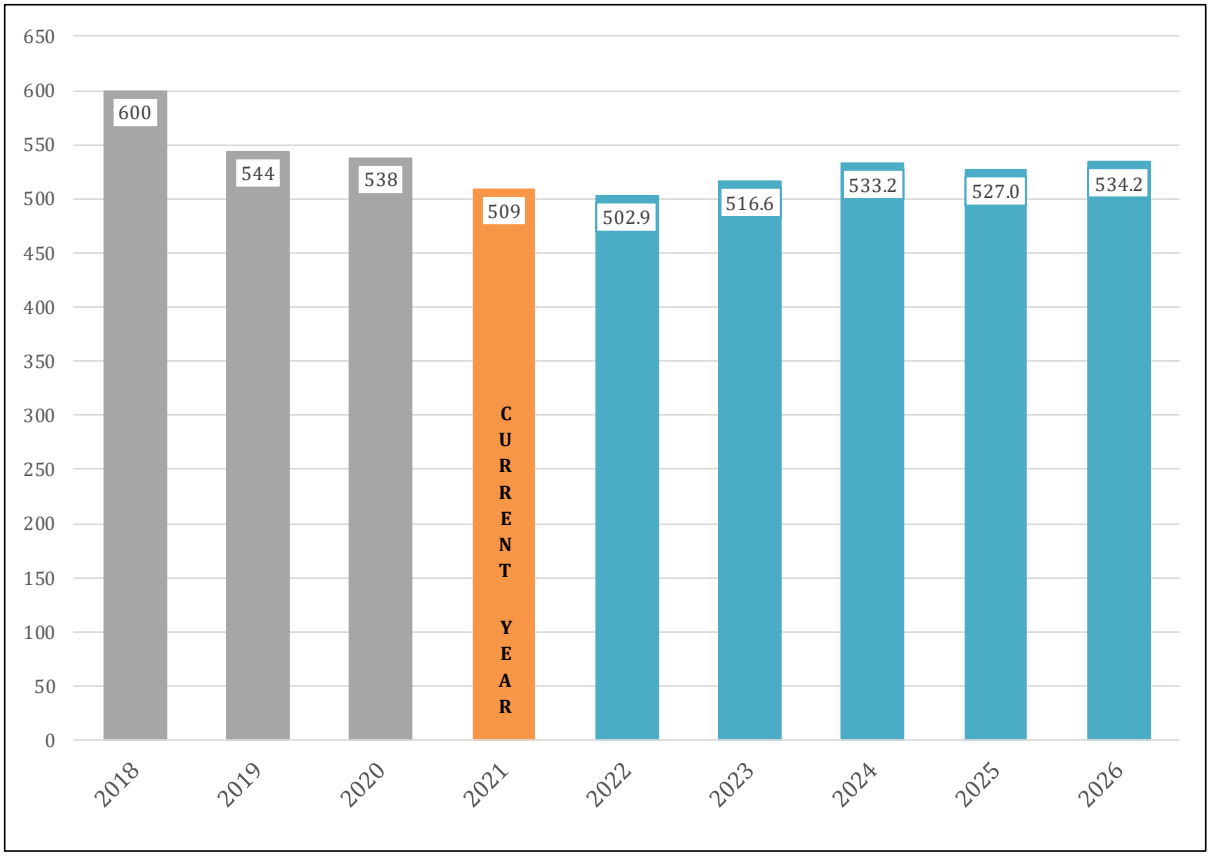
2024
2025
2026


Davis
Joint Unified School District
Elementary School
Attendance Areas
0 5 10 20
Miles
Korematsu ES
Pioneer ES
Birch
Lane ES
North
Davis ES
Montgomery ES
Willett ES
Patwin ES
Davis
Dixon
Created by:
Davis Demographics & Planning Inc.
Source: Yolo County, DJUSD
February 2011
Davis Demographics & Planning

ELEMENTARY SCHOOL FORECAST BY RESIDENCE

Birch Lane ES									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	5	5	8	6	9.9	13.0	16.5	22.0	22.0
K	82	57	69	66	72.3	71.5	70.8	69.2	68.0
1	62	76	58	73	67.0	73.3	72.6	71.0	69.4
2	76	58	85	61	77.0	70.8	77.3	75.7	74.1
3	82	74	62	83	62.0	78.0	71.8	77.5	75.9
4	112	84	70	64	84.0	63.0	79.0	72.0	77.8
5	86	107	88	68	64.4	84.2	63.4	78.5	71.5
6	95	83	98	88	66.3	62.8	81.8	61.1	75.5
	Actual Resident Students				Forecasted Resident Students				
Total TK-6	600	544	538	509	502.9	516.6	533.2	527.0	534.2

	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
Annual Change	-56.0	-6.0	-29.0	-6.1	13.7	16.6	-6.2	7.2
	-9.3%	-1.1%	-5.4%	-1.2%	2.7%	3.2%	-1.2%	1.4%



***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

ELEMENTARY SCHOOL FORECAST BY RESIDENCE

Korematsu ES									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	11	7	6	13	21.4	28.2	35.8	47.6	47.6
K	85	68	83	67	72.4	71.0	69.7	68.3	67.0
1	79	83	62	81	64.3	69.5	68.2	66.9	65.6
2	91	82	72	56	76.1	60.5	65.3	64.1	62.9
3	82	87	72	75	53.2	72.3	57.4	62.0	60.9
4	89	76	79	71	69.8	49.5	67.3	53.4	57.7
5	88	95	74	86	74.5	73.2	51.9	70.6	56.1
6	91	91	88	72	83.4	72.3	71.0	50.4	68.5
	Actual Resident Students				Forecasted Resident Students				
Total TK-6	616	589	536	521	515.1	496.5	486.6	483.3	486.3

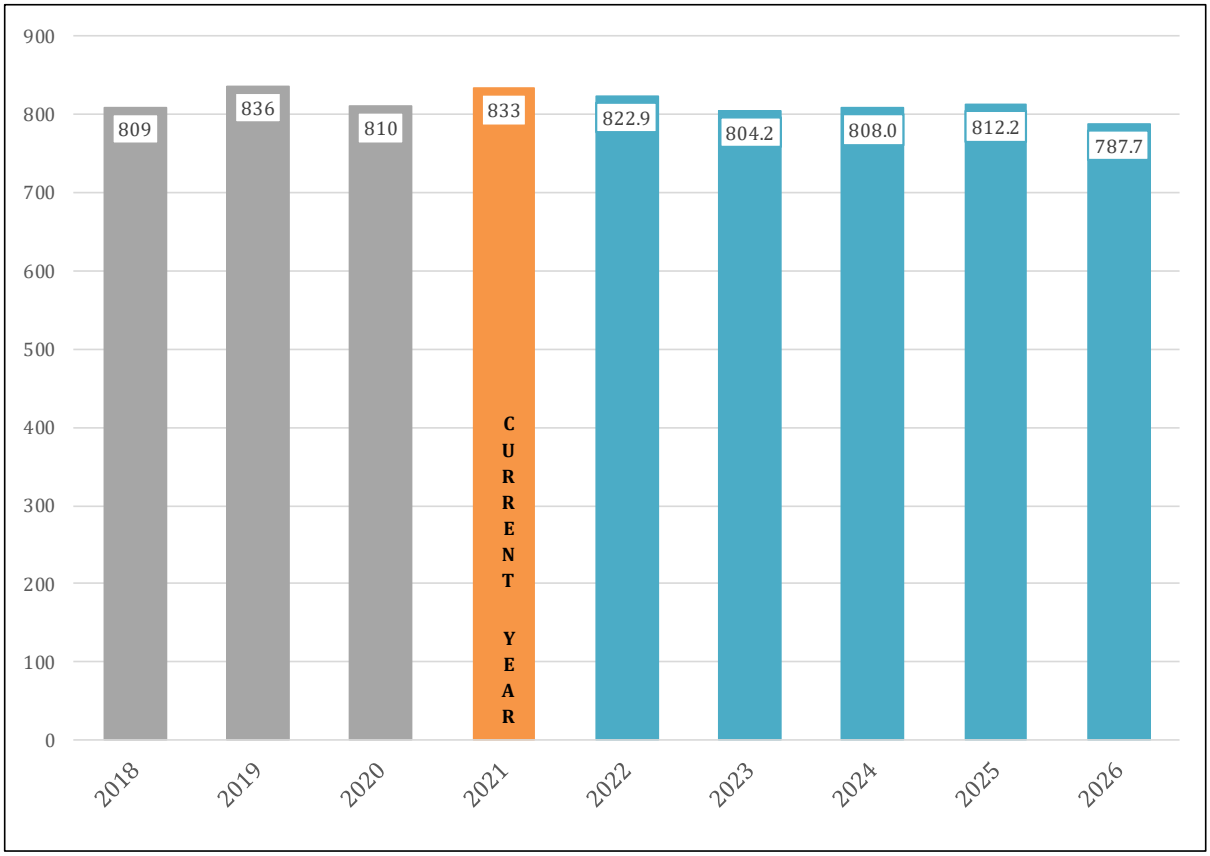
	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
Annual Change	-27.0	-53.0	-15.0	-5.9	-18.6	-9.9	-3.3	3.0
	-4.4%	-9.0%	-2.8%	-1.1%	-3.6%	-2.0%	-0.7%	0.6%

***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

ELEMENTARY SCHOOL FORECAST BY RESIDENCE

North Davis ES									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	1	16	15	14	23.0	30.3	38.6	51.3	51.3
K	136	127	121	107	115.6	113.4	112.5	111.0	108.3
1	116	130	129	138	104.9	113.2	112.4	111.5	108.8
2	118	118	112	126	132.5	100.7	109.9	109.0	107.0
3	108	119	107	116	122.2	128.5	98.8	107.8	105.8
4	112	109	113	105	107.9	113.7	120.7	93.1	100.2
5	103	114	101	116	100.8	103.6	110.3	117.0	89.3
6	115	103	112	111	116.0	100.8	104.8	111.5	117.0
	Actual Resident Students				Forecasted Resident Students				
Total TK-6	809	836	810	833	822.9	804.2	808.0	812.2	787.7

	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
Annual Change	27.0	-26.0	23.0	-10.1	-18.7	3.7	4.2	-24.5
	3.3%	-3.1%	2.8%	-1.2%	-2.3%	0.5%	0.5%	-3.0%



***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

ELEMENTARY SCHOOL FORECAST BY RESIDENCE

Patwin ES									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	6	11	7	6	9.9	13.0	16.5	22.0	22.0
K	70	60	46	58	62.6	61.5	60.3	59.2	58.0
1	70	65	53	54	56.3	60.8	59.6	58.5	57.4
2	60	69	62	59	54.5	56.8	61.4	60.2	59.1
3	74	56	67	61	56.6	52.4	54.5	58.9	57.8
4	76	70	52	67	58.6	54.4	50.3	52.4	56.6
5	80	76	69	57	68.3	59.7	55.5	51.3	53.4
6	58	74	71	64	53.0	63.6	55.6	51.6	47.7
	Actual Resident Students				Forecasted Resident Students				
Total TK-6	494	481	427	426	419.8	422.2	413.7	414.1	412.0

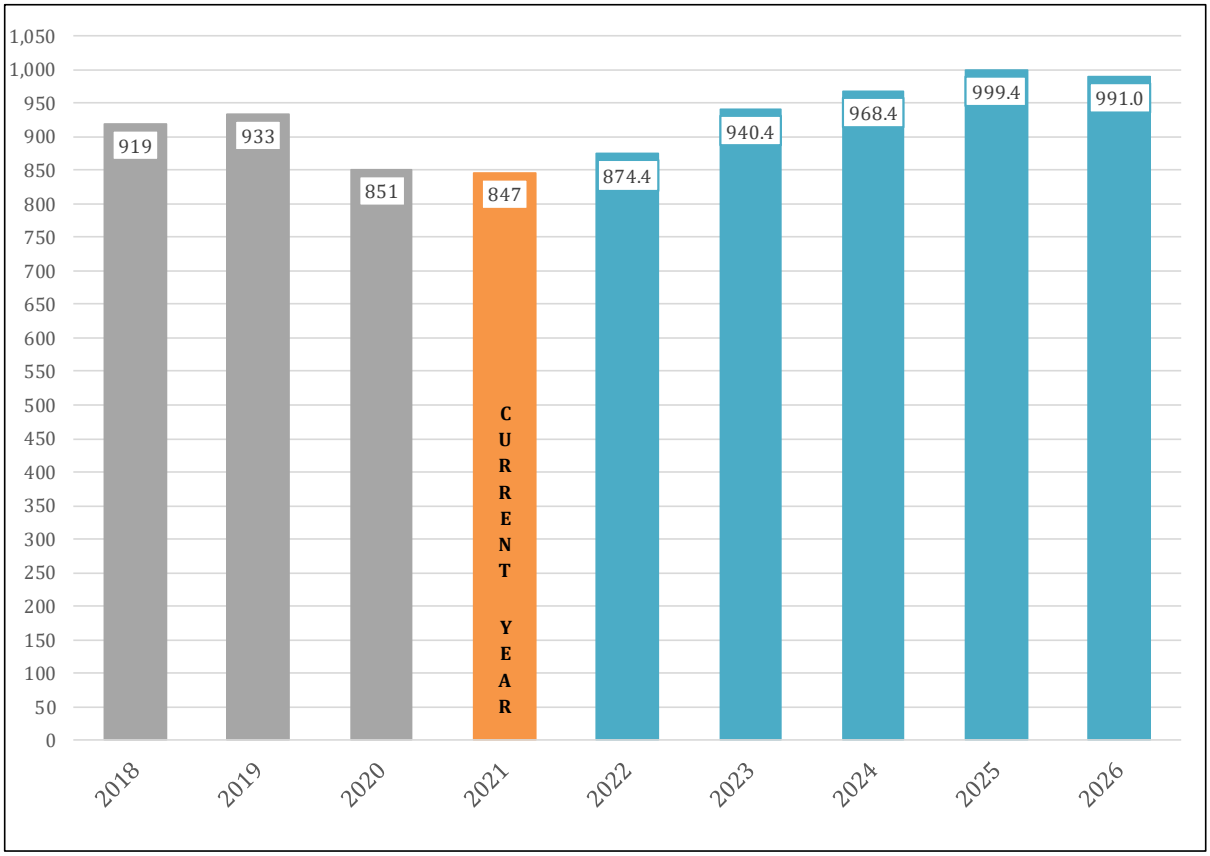
	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
Annual Change	-13.0	-54.0	-1.0	-6.2	2.4	-8.5	0.4	-2.1
	-2.6%	-11.2%	-0.2%	-1.5%	0.6%	-2.0%	0.1%	-0.5%

***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

ELEMENTARY SCHOOL FORECAST BY RESIDENCE

Pioneer ES									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	18	19	22	16	26.3	34.7	44.1	58.6	58.6
K	118	124	110	126	137.1	140.5	138.7	134.5	131.9
1	139	122	122	115	127.1	143.5	144.1	138.7	134.5
2	113	144	107	133	119.5	137.4	151.5	148.4	142.8
3	129	121	139	105	131.4	123.4	138.2	148.5	145.5
4	138	120	109	128	98.6	128.1	118.1	128.6	138.1
5	146	137	114	110	127.8	104.0	130.4	116.9	127.3
6	118	146	128	114	106.6	128.8	103.3	125.2	112.3
	Actual Resident Students				Forecasted Resident Students				
Total TK-6	919	933	851	847	874.4	940.4	968.4	999.4	991.0

	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
Annual Change	14.0	-82.0	-4.0	27.4	66.0	28.0	31.1	-8.4
	1.5%	-8.8%	-0.5%	3.2%	7.5%	3.0%	3.2%	-0.8%

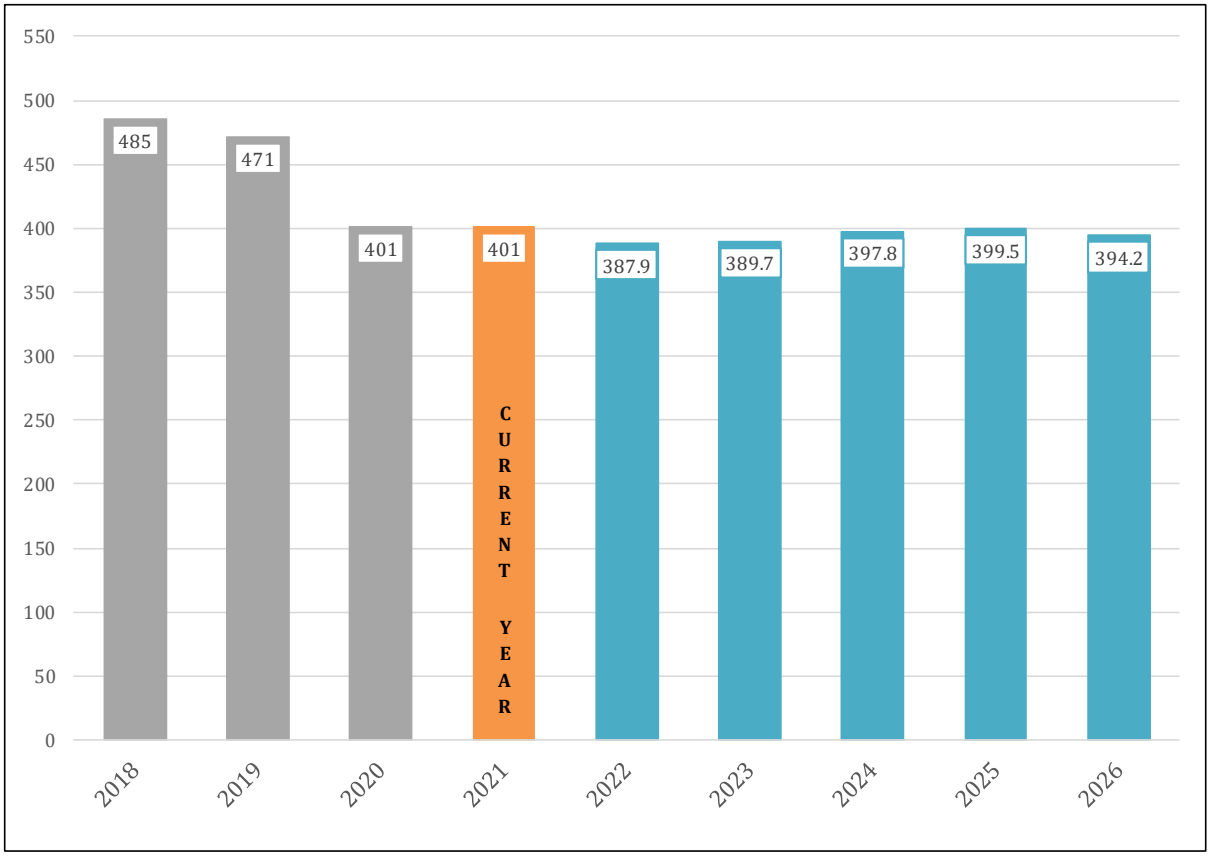


***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

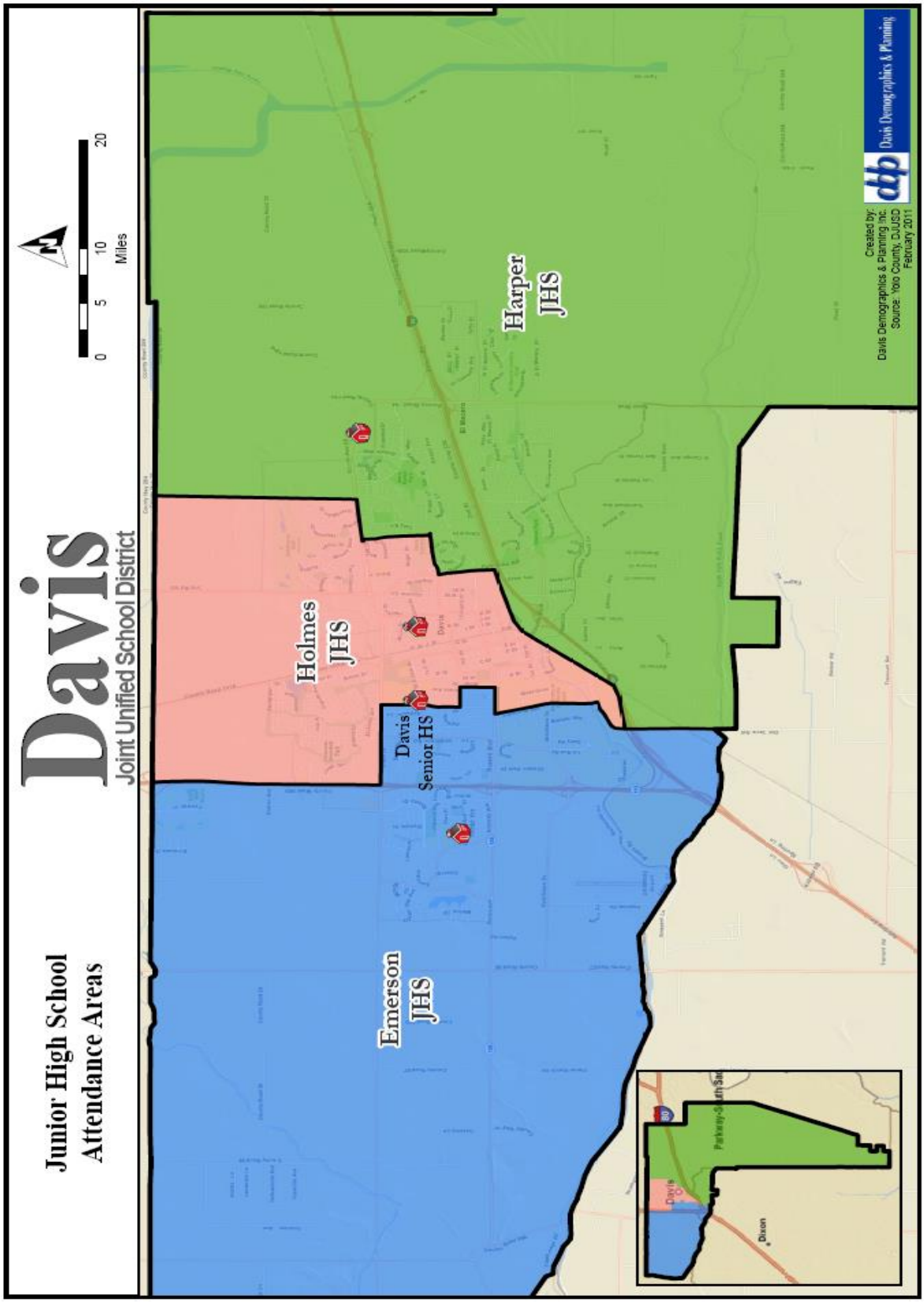
ELEMENTARY SCHOOL FORECAST BY RESIDENCE

Willett ES									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	5	12	5	4	6.6	8.7	11.0	14.7	14.7
K	54	61	36	48	51.9	52.2	52.0	50.4	49.5
1	50	53	58	48	50.0	55.4	55.7	54.1	52.4
2	66	63	56	63	55.7	59.5	65.7	64.6	62.7
3	78	64	54	57	59.3	53.6	57.2	61.8	60.7
4	80	73	59	57	53.6	57.0	51.7	53.8	58.1
5	75	72	65	60	53.1	51.1	54.2	48.1	50.0
6	77	73	68	64	57.7	52.2	50.3	52.0	46.1
	Actual Resident Students				Forecasted Resident Students				
Total TK-6	485	471	401	401	387.9	389.7	397.8	399.5	394.2

	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
Annual Change	-14.0	-70.0	0.0	-13.1	1.8	8.2	1.6	-5.3
	-2.9%	-14.9%	0.0%	-3.3%	0.5%	2.1%	0.4%	-1.3%



***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

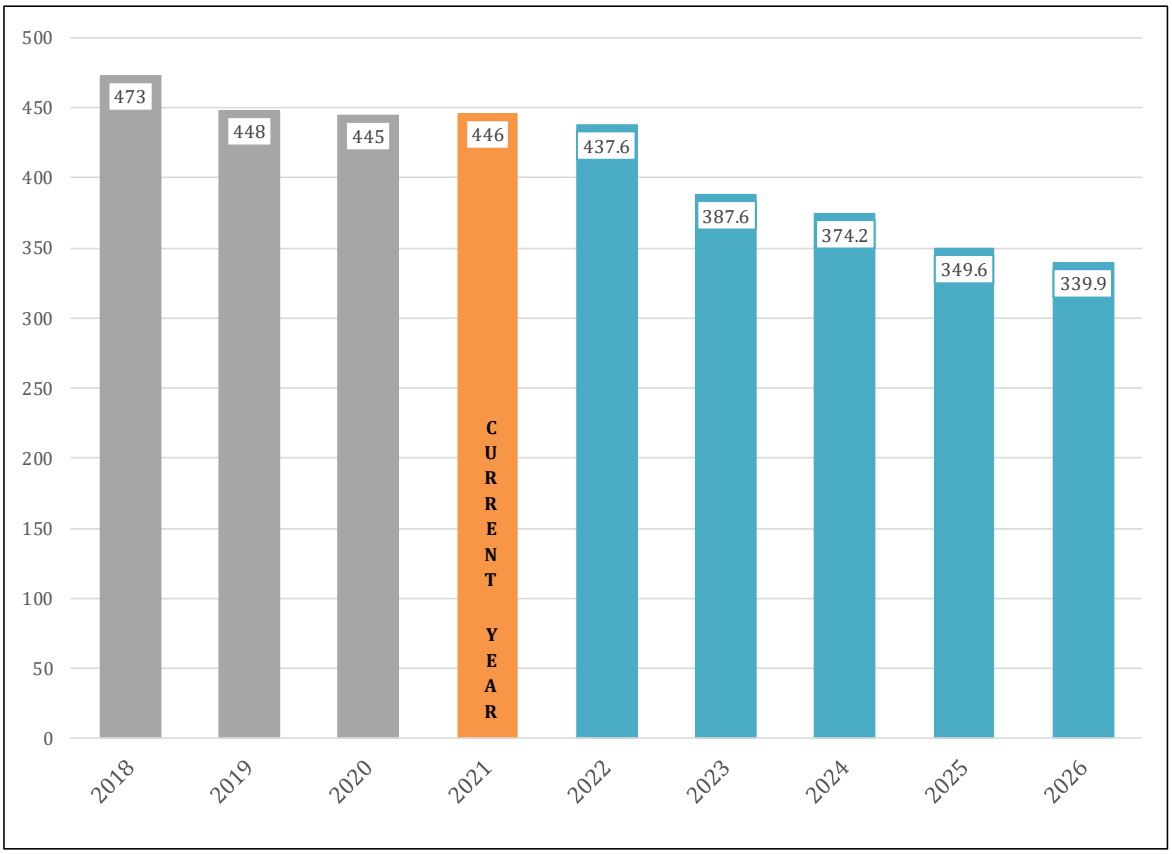


Please Note: The Davis Senior High School attendance area encompasses the entirety of the District.

SECONDARY SCHOOL FORECAST BY RESIDENCE

Emerson JHS									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	11	23	12	10	16.4	21.7	27.5	36.6	36.6
K	124	121	82	106	114.5	113.7	112.3	109.6	107.5
1	120	118	111	102	106.2	116.1	115.3	112.6	109.8
2	126	132	118	122	110.3	116.3	127.1	124.8	121.8
3	152	120	121	118	115.9	106.0	111.7	120.7	118.6
4	156	143	111	124	112.2	111.3	101.9	106.1	114.7
5	155	148	134	117	121.4	110.8	109.7	99.3	103.4
6	135	147	139	128	110.7	115.8	105.9	103.6	93.8
7	164	138	155	134	131.3	114.8	120.4	108.7	106.2
8	163	158	138	172	138.4	136.8	119.5	124.4	112.2
9	146	152	152	140	167.9	136.0	134.3	116.5	121.5
	Actual Resident Students				Forecasted Resident Students				
Total 7-9	473	448	445	446	437.6	387.6	374.2	349.6	339.9

Annual Change	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
	-25.0	-3.0	1.0	-8.4	-50.0	-13.4	-24.6	-9.7
	-5.3%	-0.7%	0.2%	-1.9%	-11.4%	-3.5%	-6.6%	-2.8%



***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

SECONDARY SCHOOL FORECAST BY RESIDENCE

Harper JHS									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	29	26	28	29	47.7	62.8	79.9	106.3	106.3
K	203	192	193	193	209.5	211.5	208.3	202.8	198.9
1	218	205	184	196	191.4	213.0	212.3	205.5	200.1
2	204	226	179	189	195.7	197.9	216.8	212.5	205.7
3	211	208	211	180	184.6	195.7	195.7	210.5	206.4
4	227	196	188	199	168.4	177.6	185.4	182.0	195.8
5	234	232	188	196	202.3	177.2	182.4	187.6	183.4
6	209	237	216	186	190.0	201.1	174.3	175.6	180.8
7	248	217	222	224	186.9	197.6	204.2	174.4	173.6
8	205	240	224	223	226.0	194.0	202.1	203.9	174.7
9	262	213	228	215	217.6	223.0	190.5	196.9	198.6
	Actual Resident Students				Forecasted Resident Students				
Total 7-9	715	670	674	662	630.5	614.6	596.8	575.2	546.9

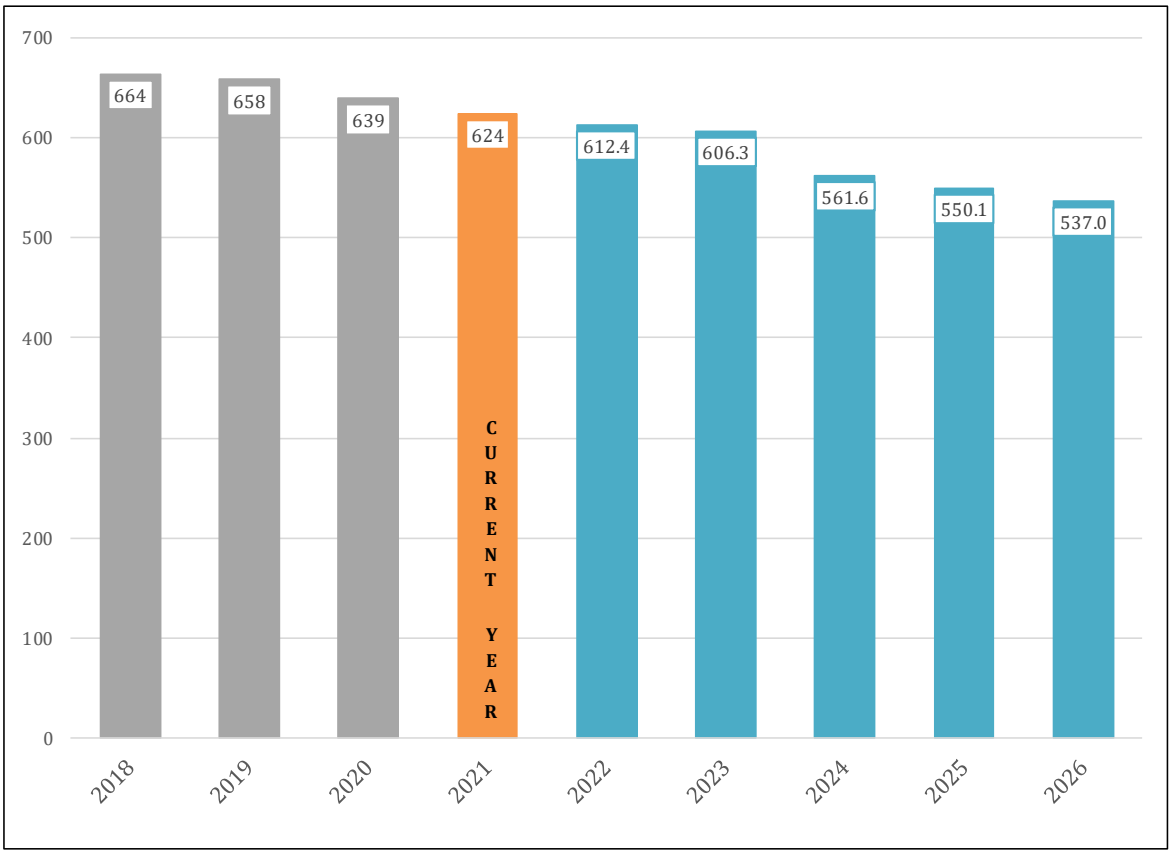
Annual Change	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
	-45.0	4.0	-12.0	-31.5	-15.9	-17.8	-21.6	-28.3
	-6.3%	0.6%	-1.8%	-4.8%	-2.5%	-2.9%	-3.6%	-4.9%

***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

SECONDARY SCHOOL FORECAST BY RESIDENCE

Holmes JHS									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	6	21	23	20	32.9	43.3	55.1	73.3	73.3
K	218	184	190	173	187.9	185.0	183.3	180.2	176.3
1	178	206	187	211	171.9	186.6	184.9	182.4	178.2
2	194	176	197	187	209.5	171.4	187.2	184.7	181.1
3	190	193	169	199	184.2	206.5	170.6	185.3	181.7
4	224	193	183	169	191.9	176.7	199.7	165.1	178.0
5	189	221	189	184	165.2	187.8	173.7	195.5	160.9
6	210	186	210	199	182.3	163.6	186.6	172.6	192.5
7	231	214	189	213	200.8	184.8	167.2	189.1	174.6
8	217	231	211	192	213.6	201.3	186.2	168.2	189.0
9	216	213	239	219	198.0	220.2	208.2	192.8	173.4
	Actual Resident Students				Forecasted Resident Students				
Total 7-9	664	658	639	624	612.4	606.3	561.6	550.1	537.0

	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
Annual Change	-6.0	-19.0	-15.0	-11.6	-6.1	-44.7	-11.5	-13.1
	-0.9%	-2.9%	-2.3%	-1.9%	-1.0%	-7.4%	-2.0%	-2.4%

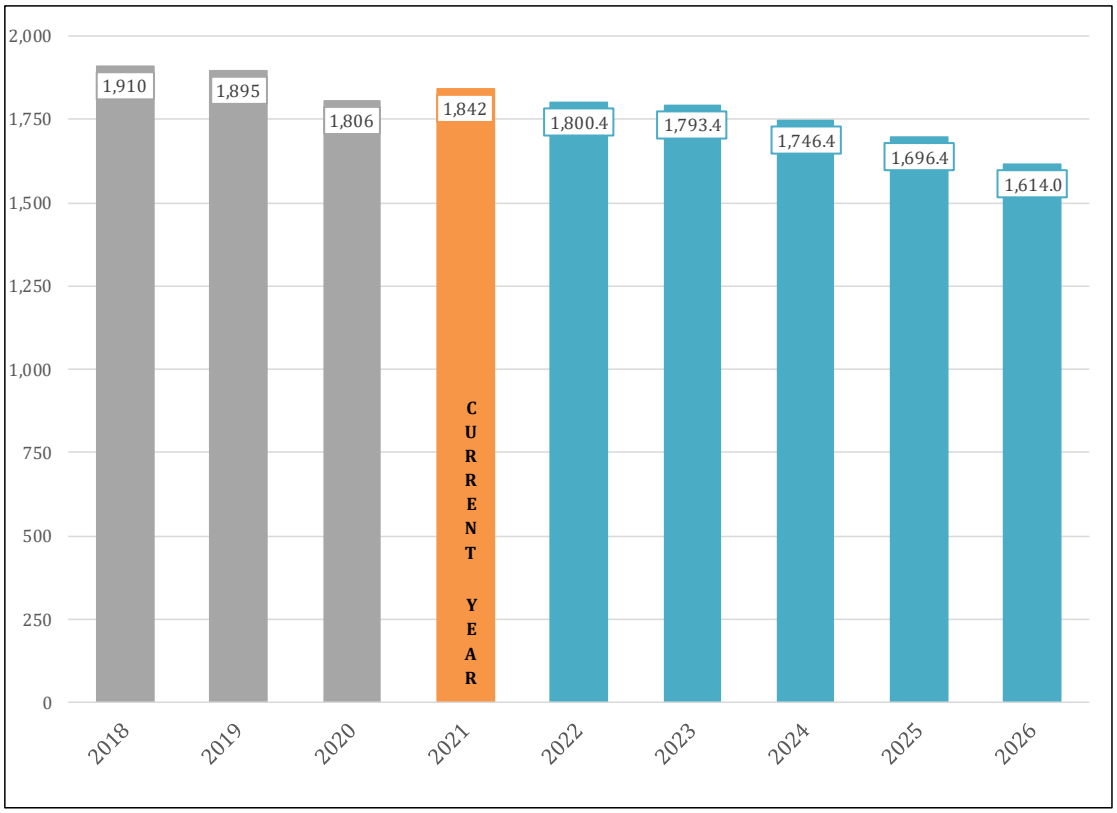


***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

SECONDARY SCHOOL FORECAST BY RESIDENCE

Davis Senior HS									
Grade	Historic Resident Students			Current	Forecasted Resident Students				
	SY2018	SY2019	SY2020	SY2021	SY2022	SY2023	SY2024	SY2025	SY2026
TK*	46	70	63	59	97.0	128.0	163.0	216.0	216.0
K	545	497	465	472	511.9	510.2	503.9	492.6	482.7
1	516	529	482	509	469.5	515.7	512.6	500.6	488.1
2	524	534	494	498	515.4	485.7	531.2	522.1	508.6
3	553	521	501	497	484.7	508.2	478.0	516.6	506.6
4	607	532	482	492	472.5	465.6	487.0	453.2	488.5
5	578	601	511	497	488.9	475.8	465.8	482.4	447.6
6	554	570	565	513	483.0	480.4	466.8	451.8	467.1
7	643	569	566	571	519.0	497.2	491.8	472.3	454.4
8	585	629	573	587	577.9	532.1	507.8	496.5	475.9
9	624	578	619	574	583.5	579.1	533.0	506.2	493.6
10	647	622	582	632	575.7	586.5	583.2	533.0	506.7
11	642	638	602	599	630.1	577.5	586.5	582.1	530.1
12	621	635	622	611	594.6	629.4	576.7	581.3	577.2
	Actual Resident Students				Forecasted Resident Students				
Total 10-12	1,910	1,895	1,806	1,842	1,800.4	1,793.4	1,746.4	1,696.4	1,614.0

Annual Change	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026
	-15.0	-89.0	36.0	-41.6	-7.0	-47.0	-50.0	-82.4
	-0.8%	-4.7%	2.0%	-2.3%	-0.4%	-2.6%	-2.9%	-4.9%



***TK forecasts provided by D.J.U.S.D. staff. TK Resident forecast is based upon the ratio of current TK resident and total TK enrollment for each attendance area.**
Does not include students residing outside of D.J.U.S.D. boundaries.

SCHOOL FORECAST BY ENROLLMENT

SchoolSite Forecasts by Enrollment is a way to ensure your district has the appropriate staff to fulfill future classroom requirements. SchoolSite Forecasts by Enrollment 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.

Please Note:
Due to lack of historic enrollment information for new boundaries along with the unknown nature of student choice, forecasting enrollment after boundary changes, new schools and grade configuration changes is exceedingly difficult and can lead to inaccurate results. These forecasts are based upon best knowledge and assumptions.

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.

Like 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 (Schools of Choice)

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.

SCHOOL FORECAST BY ENROLLMENT

Schools with Attendance Boundaries

Birch Lane ES														
Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
K	82	57	69	66	72.3	71.5	35	-27	89	81	66	71	80	80
1	62	76	58	73	67.0	73.3	37	-31	62	90	69	79	73	79
2	76	58	85	61	77.0	70.8	40	-40	81	68	81	67	77	71
3	82	74	62	83	62.0	78.0	33	-26	85	89	64	82	69	85
4	112	84	70	64	84.0	63.0	36	-38	96	89	79	70	82	61
5	86	107	88	68	64.4	84.2	36	-30	81	95	87	78	70	90
6	95	83	98	88	66.3	62.8	37	-25	89	80	92	84	78	75
Total K-6	595	539	530	503	493.0	503.6	254	-217	583	592	538	531	529	541

Korematsu ES														
Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
TK*	11	7	6	13	13.0	13.0	13	0	18	24	21	24	34	42
K	85	68	83	67	72.4	71.0	11	-22	72	50	69	69	61	60
1	79	83	62	81	64.3	69.5	23	-13	69	71	59	66	74	79
2	91	82	72	56	76.1	60.5	32	-35	71	69	73	67	73	57
3	82	87	72	75	53.2	72.3	28	-14	72	71	66	73	67	86
4	89	76	79	71	69.8	49.5	19	-25	50	59	61	60	64	43
5	88	95	74	86	74.5	73.2	18	-30	81	56	61	59	63	61
6	91	91	88	72	83.4	72.3	14	-39	60	84	55	59	58	47
Total TK-6*	616	589	536	521	506.7	481.3	158	-178	493	484	465	477	494	475

North Davis ES														
Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
K	136	127	121	107	115.6	113.4	7	-61	91	66	62	57	62	59
1	116	130	129	138	104.9	113.2	11	-62	72	76	77	75	54	62
2	118	118	112	126	132.5	100.7	14	-75	73	70	69	73	71	40
3	108	119	107	116	122.2	128.5	7	-58	75	75	65	74	71	78
4	112	109	113	105	107.9	113.7	9	-49	89	78	76	64	68	74
5	103	114	101	116	100.8	103.6	17	-55	78	89	78	84	63	66
6	115	103	112	111	116.0	100.8	21	-53	85	81	87	86	84	69
Total K-6	808	820	795	819	799.9	773.9	86	-413	563	535	514	513	473	448

***TK forecasts provided by D.J.U.S.D. staff.**

SCHOOL FORECAST BY ENROLLMENT

Schools with Attendance Boundaries

Patwin ES														
Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
TK*	6	11	7	6	6.0	6.0	15	-1	14	26	22	23	36	53
K	70	60	46	58	62.6	61.5	12	-27	47	48	32	48	48	46
1	70	65	53	54	56.3	60.8	22	-24	50	49	46	45	54	59
2	60	69	62	59	54.5	56.8	17	-28	47	48	44	49	44	46
3	74	56	67	61	56.6	52.4	21	-26	51	46	41	51	52	47
4	76	70	52	67	58.6	54.4	31	-26	71	59	49	54	64	59
5	80	76	69	57	68.3	59.7	18	-29	80	75	60	56	57	49
6	58	74	71	64	53.0	63.6	22	-20	61	76	70	60	55	66
Total TK-6*	494	481	427	426	415.9	415.2	158	-181	421	427	364	386	410	425

Pioneer ES														
Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
TK*	18	19	22	16	16.0	16.0	3	-2	17	25	21	19	27	33
K	118	124	110	126	137.1	140.5	7	-56	66	71	74	70	88	92
1	139	122	122	115	127.1	143.5	6	-63	72	70	72	75	70	87
2	113	144	107	133	119.5	137.4	6	-44	50	82	66	75	82	99
3	129	121	139	105	131.4	123.4	9	-62	73	66	83	67	78	70
4	138	120	109	128	98.6	128.1	15	-43	86	81	72	80	71	100
5	146	137	114	110	127.8	104.0	11	-58	83	90	78	72	81	57
6	118	146	128	114	106.6	128.8	21	-57	90	84	87	77	71	93
Total TK-6*	919	933	851	847	864.1	921.7	78	-385	537	569	553	535	568	631

Willett ES														
Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
K	54	61	36	48	51.9	52.2	26	-24	48	73	40	44	54	54
1	50	53	58	48	50.0	55.4	22	-27	55	57	64	49	45	50
2	66	63	56	63	55.7	59.5	23	-19	71	71	65	74	60	64
3	78	64	54	57	59.3	53.6	51	-33	76	73	70	71	77	72
4	80	73	59	57	53.6	57.0	46	-22	91	85	80	79	78	81
5	75	72	65	60	53.1	51.1	46	-20	90	93	82	83	79	77
6	77	73	68	64	57.7	52.2	49	-25	93	88	89	82	82	76
Total K-6	480	459	396	397	381.3	381.0	263	-170	524	540	490	482	475	474

***TK forecasts provided by D.J.U.S.D. staff.**

SCHOOL FORECAST BY ENROLLMENT

Schools with Attendance Boundaries

Emerson JHS

Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
7	164	138	155	134	131.3	114.8	63	-48	163	157	168	161	146	130
8	163	158	138	172	138.4	136.8	69	-45	155	156	157	176	162	161
9	146	152	152	140	167.9	136.0	58	-52	149	147	157	157	174	142
Total 7-9	473	448	445	446	437.6	387.6	190	-145	467	460	482	494	482	433

Harper JHS

Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
7	248	217	222	224	186.9	197.6	43	-74	219	194	195	180	156	167
8	205	240	224	223	226.0	194.0	47	-88	208	219	199	201	185	153
9	262	213	228	215	217.6	223.0	50	-70	219	207	213	200	198	203
Total 7-9	715	670	674	662	630.5	614.6	140	-232	646	620	607	581	539	523

Holmes JHS

Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
7	231	214	189	213	200.8	184.8	72	-73	232	219	185	205	200	184
8	217	231	211	192	213.6	201.3	88	-93	223	237	222	185	209	196
9	216	213	239	219	198.0	220.2	70	-76	245	223	244	228	192	214
Total 7-9	664	658	639	624	612.4	606.3	230	-242	700	679	651	618	601	594

Davis Senior HS

Grade	Historical Residence			Residence			Transfer Pattern		Historical Enrollment			Enrollment		
	18/19 Historical Residence	19/20 Historical Residence	20/21 Historical Residence	21/22 Current Residence	22/23 Forecasted Residence	23/24 Forecasted Residence	Estimated In	Estimated Out	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
10	647	622	582	632	575.7	586.5	66	-75	628	605	577	639	567	577
11	642	638	602	599	630.1	577.5	84	-80	609	610	588	583	634	582
12	621	635	622	611	594.6	629.4	83	-101	570	608	592	588	577	611
Total 10-12	1910	1895	1806	1,842	1,800.4	1,793.4	233	-256	1,807	1,823	1,757	1,810	1,778	1,770

SCHOOL FORECAST BY ENROLLMENT

Schools of Choice

Cesar Chavez ES							
	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	Cohort	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
K	90	78	76	-----	73	79.2	79.2
1	94	86	71	95.5	76	70.0	76.0
2	94	94	78	94.0	64	71.0	66.0
3	92	94	80	92.1	71	59.0	65.0
4	90	90	88	96.6	79	69.0	57.0
5	74	87	79	92.9	83	73.0	64.0
6	79	69	78	91.2	72	76.0	67.0
Total K-6	613	598	550		518	497.2	474.2

Davinci Charter							
	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	Cohort	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
7	99	91	103		113	101.5	101.5
8	100	100	94	1.04	112	118.0	106.0
9	97	93	92	0.94	90	104.8	110.4
10	107	104	100	1.01	80	90.6	105.5
11	97	105	93	0.95	98	76.1	86.3
12	88	88	98	0.91	81	88.7	68.9
Total 7-12	588	581	580		574	579.8	578.6

Fairfield ES							
	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	Cohort	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
K	11	12	12	-----	10	11.2	11.2
1	9	12	11	97.1	11	10.0	11.0
2	12	10	12	103.1	11	11.0	10.0
3	12	10	9	76.5	7	8.0	8.0
Total K-3	44	44	44		39	40.2	40.2

Montgomery ES							
	18/19 Historical Enrollment	19/20 Historical Enrollment	20/21 Historical Enrollment	Cohort	21/22 Current Enrollment	22/23 Forecasted Enrollment	23/24 Forecasted Enrollment
K	57	72	63	-----	71	65.8	65.8
1	63	60	71	102.1	65	72.0	67.0
2	70	60	54	96.4	73	63.0	69.0
3	59	66	52	89.7	47	65.0	56.0
4	70	53	51	88.1	52	41.0	57.0
5	69	70	52	100.6	53	52.0	41.0
6	47	70	67	99.0	52	52.0	51.0
Total K-6	435	451	410		413	410.8	406.8