

BOUNDARY/ENROLLMENT Board Study Session

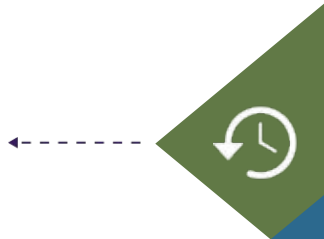


October 3, 2024

Goals of the Board Study Sessions

In order to determine the scope, timing, future discussions and/or decisions related to boundaries, the Board will be able to understand:

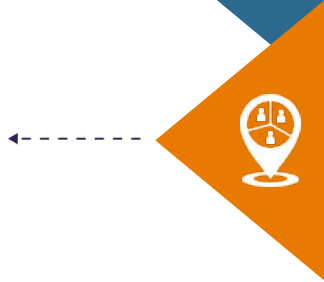
What boundaries look like and how they have changed



School site composition (what students attend and where they reside)



Historical and forecasted changes in each boundary area and in each school site enrollment



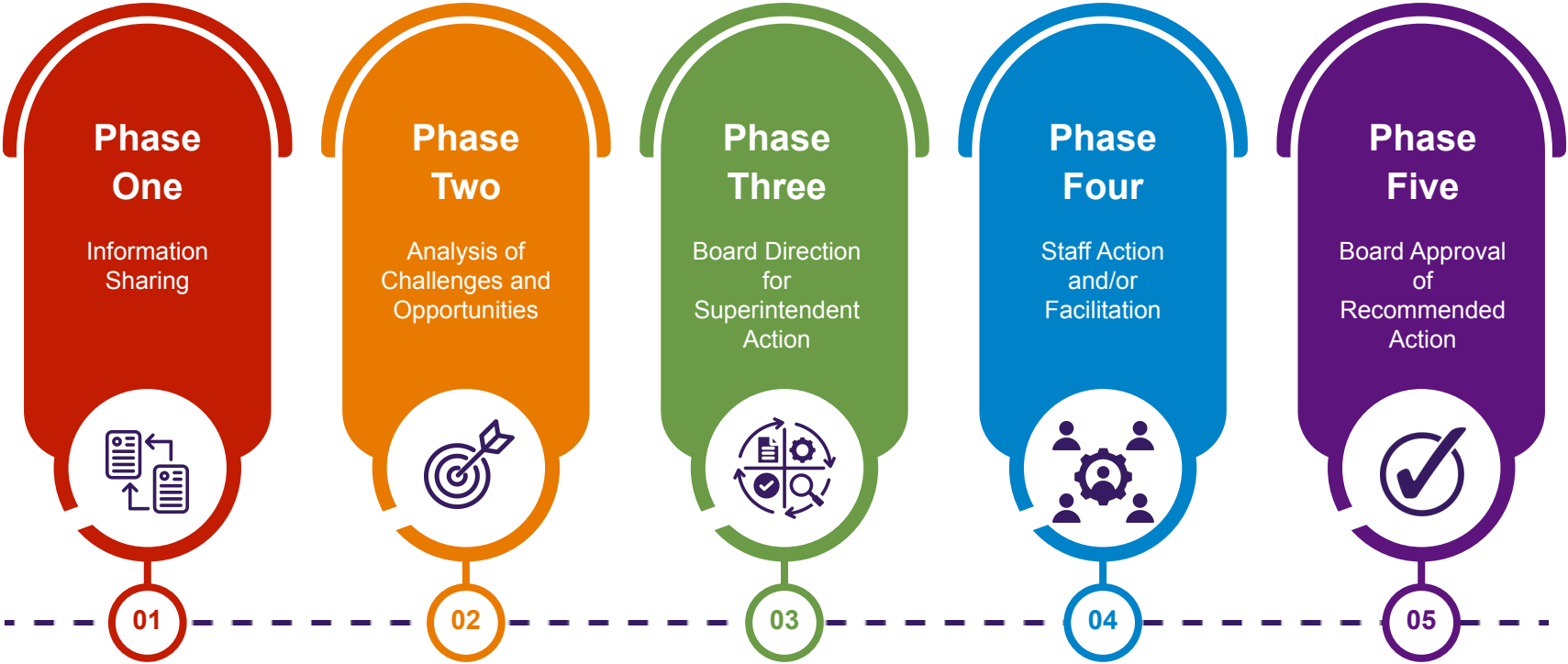
Boundary and enrollment challenges and opportunities over the next decade



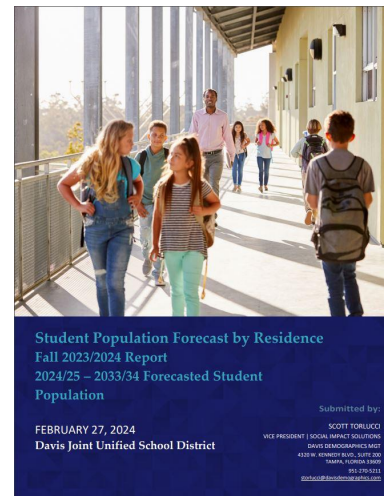
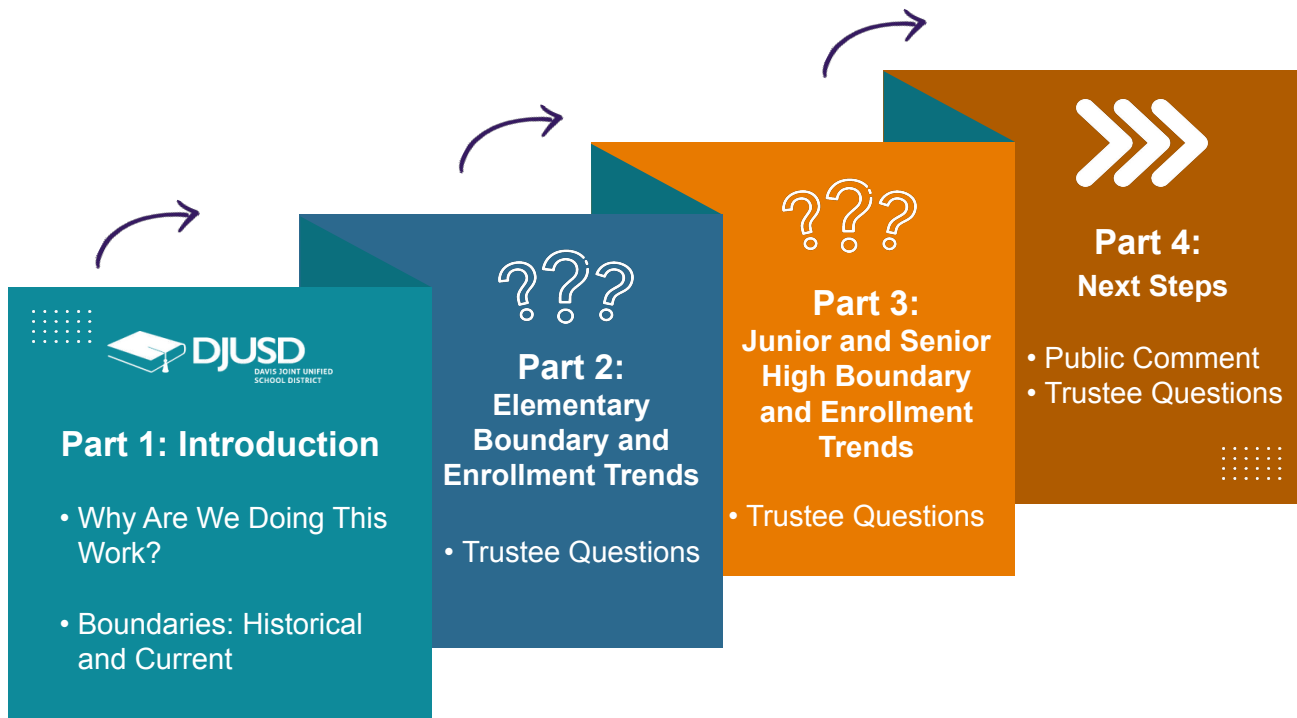
Values that undergird the system that help to define boundaries



Phases of Discussion



Agenda



Data in this presentation is from the Fall 2023/24 Davis Demographics MGT report, based on student data as of 10/4/23.

Important Terms



Boundary Areas

Geographic areas (attendance area) that define which students are assigned to which DJUSD boundary school.



Resident Students

Students who live within a specific boundary area.



Boundary Schools

Schools that are assigned students by boundary area. For elementary schools, these schools include Patwin (PAT), North Davis (NDE), Pioneer (PIO), Willett (WIL), Korematsu (KOR) and Birch Lane (BLE) (sometimes referred to as “neighborhood schools”).



Intra-district Transfer Students

Students who live within the DJUSD boundary area and whose parent/guardians request to enroll their child in a school within DJUSD but not the school that is designated as their attendance area.



Magnet Schools & Programs

Schools that offer special instruction or programs that attract and enroll students from different boundary areas. DJUSD magnet schools include Davis School for Independent Study (DSIS), Fairfield (FFE), César Chávez (CCE), Montgomery (MME), Da Vinci Charter Academy (DVCA), and King. Magnet programs include Emerson (EME) Immersion Program, BLE Montessori, etc.



Non Resident Students

A student who is residing in another school district boundary and is either enrolled in DJUSD on an inter-district transfer or attending Da Vinci Charter Academy.

Introduction: Why Are We Doing This Work?

Part 1



Declining Enrollment



Declining Birth Rates



Housing Affordability/Availability



Part 1: Introduction: Why are we doing this work?

DJUSD TK-12 Enrollment and Projected Enrollment 2005-2028

Grade	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
TK**	0	0	0	0	0	0	0	56	72	91	65	80	85	66	70	63	59	94	117	149.0	154.8	166.5	179.0	181.3
K	570	560	544	583	539	525	553	489	502	564	540	495	511	525	497	465	472	448	428	417.1	386.0	411.2	374.2	414.0
1	574	588	569	589	600	536	553	583	514	536	582	540	523	516	529	482	509	486	473	453.6	445.6	413.2	435.9	396.6
2	587	565	605	592	587	588	544	533	592	532	554	590	562	524	534	494	498	556	500	500.4	485.5	477.6	439.3	463.1
3	665	603	585	598	580	569	633	568	548	598	547	566	601	553	521	501	497	508	550	502.3	505.9	494.7	482.8	443.9
4	592	674	600	588	598	595	573	618	560	566	619	542	569	607	532	482	492	532	490	554.5	510.0	513.8	500.2	488.1
5	683	595	681	630	592	614	617	589	626	575	564	633	552	578	601	511	497	496	539	499.9	567.6	522.8	523.2	509.7
6	632	677	607	696	622	596	623	609	590	631	583	564	637	554	570	565	513	520	513	549.2	514.7	582.2	533.7	534.0
7	676	666	680	642	690	621	614	630	631	610	643	615	586	643	569	566	571	529	534	521.0	562.4	526.9	594.5	542.3
8	687	650	662	677	637	685	637	609	629	615	625	644	617	585	629	573	587	587	544	550.4	541.0	583.9	544.8	611.6
9	668	696	654	674	680	633	705	638	629	628	624	642	637	624	578	619	574	582	583	544.7	552.6	543.2	584.1	546.6
10	673	698	698	682	679	687	657	699	639	641	625	629	640	647	622	582	632	583	598	593.4	556.7	565.3	553.3	595.2
11	709	688	720	720	684	680	700	642	692	619	636	634	629	642	638	602	599	644	568	600.5	598.5	562.3	569.0	556.4
12	639	725	683	691	702	678	653	689	622	689	614	627	619	621	635	622	611	612	636	574.4	607.6	606.7	570.2	576.4

Figure from Fall 2023/24 Davis Demographics MGT report. Forecast based on student data as of 10/4/23.

Total DJUSD TK-12 Enrollment and Projected Enrollment

**DECLINING
ENROLLMENT**



2005: 8557
2015: 8543
2025: 8325.9
2028: 8286.2

Part 1: Introduction: Why are we doing this work?

Total Enrollment TK-12

■ Non-Resident Students TK-12
 ■ Resident Students TK-12

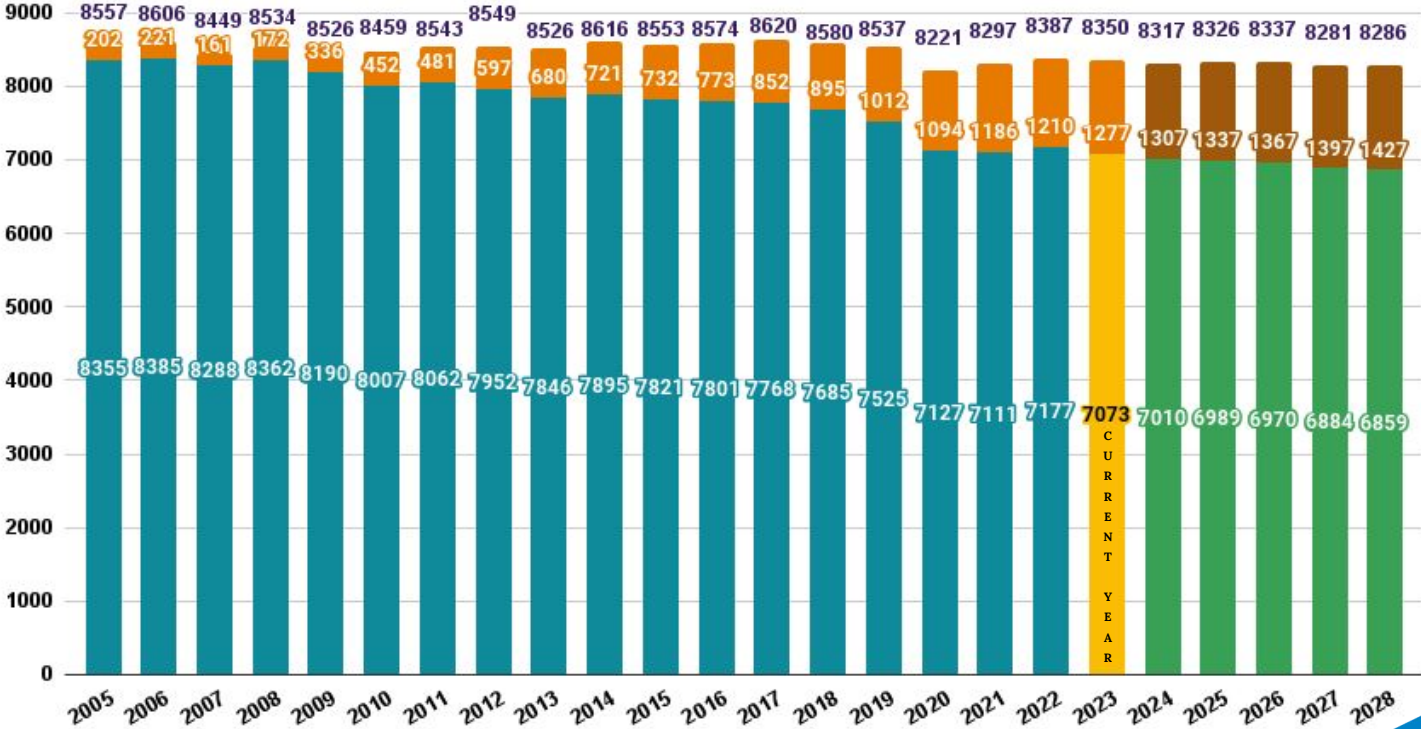


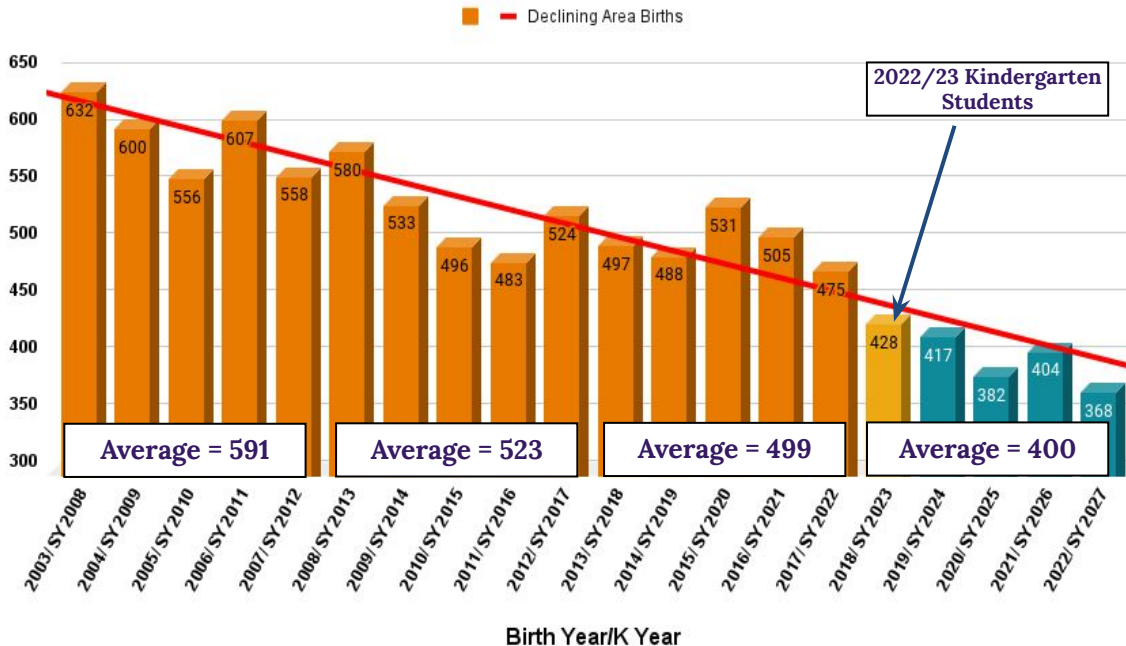
Chart data from Fall 2023/24 Davis Demographics MGT report. Forecast based on student data as of 10/4/23.

Part 1: Introduction: Why are we doing this work?

Declining Birth Rates

Incoming Kinder Students

Area Births



Comparison of Birth vs. Kindergarten			
Birth Year/KYear	Birth Total	Resident K Class	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	545	110%
2014 / 2019	488	497	102%
2015 / 2020	531	465	88%
2016 / 2021	505	472	93%
2017 / 2022	475	448	94%
2018 / 2023	428	429	100%
Average Capture Rate			100%

Does not include TK Students or K students residing outside of the district boundaries.

Incoming Kindergarten Students (Forecast)

- Chart data calculated as ratio of area births
- Chart does not include non-resident students

Total Kindergarten Enrollment (True)

- **2023/24 Kinder enrollment = 500** on 9/24/2023
- **2024/25 Kinder enrollment = 412** as of 9/24/2024

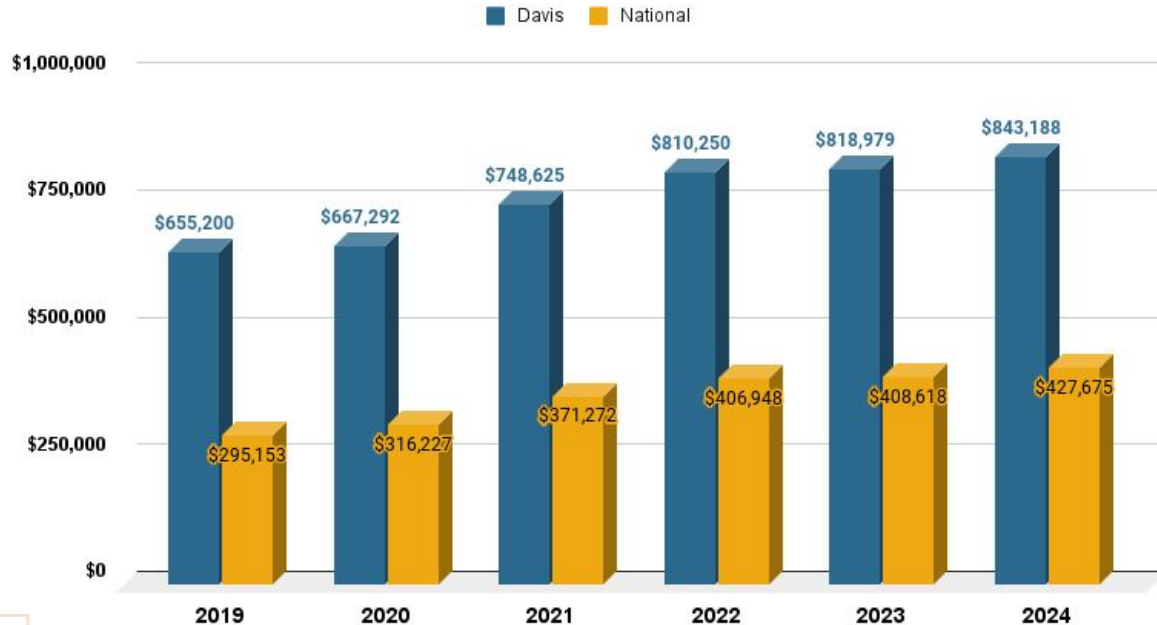
Data for charts from Fall 2023/24 Davis Demographics MGT report. Forecast based on student data as of 10/4/23.

Part 1: Introduction: Why are we doing this work?

Housing Affordability/Availability

In August 2024, Davis home prices were up 19.4% compared to last year, selling for a median price of \$901K

Average Price of Houses in Davis, CA vs. National Average



Data from Redfin.com on 9/16/2024 <https://www.redfin.com/city/4690/CA/Davis/housing-market>

Vacancy Rates in Davis, CA

- Total of 17,997 units available for purchase or rent
- Homeowner vacancy rate of 0.6%
- Rental vacancy rate of 1.7%

Data from rate.com on 9/16/2024
<https://www.rate.com/research/davis-ca-95616>

Rental Rates in Davis, CA

- September 2024: The median rental rate for all property types is \$2,400.

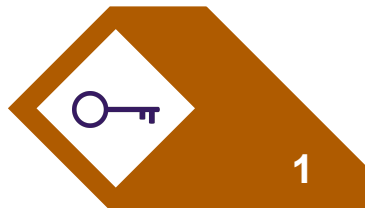
Data from Zillow on 9/16/2024
<https://www.zillow.com/rental-manager/market-trends/davis-ca/>

Part 1: Introduction: Why are we doing this work?

Key Items in Districtwide Analysis

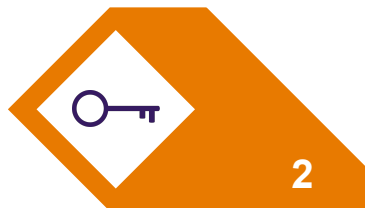
Drop in Birth Rate

Average birth per 5-year increment dropped from close to 600 to low 400s between 2003 to 2022



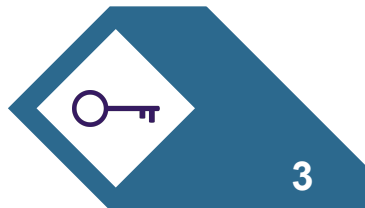
Kinder Student Drop

This year's Kindergarten cohort was even fewer than projected



Housing Challenges

Rising Rental and Home Prices and lack of availability mean fewer school-aged children living in Davis



Declining Enrollment

Total enrollment had been relatively stable pre-pandemic



Declining Enrollment

Resident student population declining



Declining Enrollment

Increased Non Resident students have helped mask decline

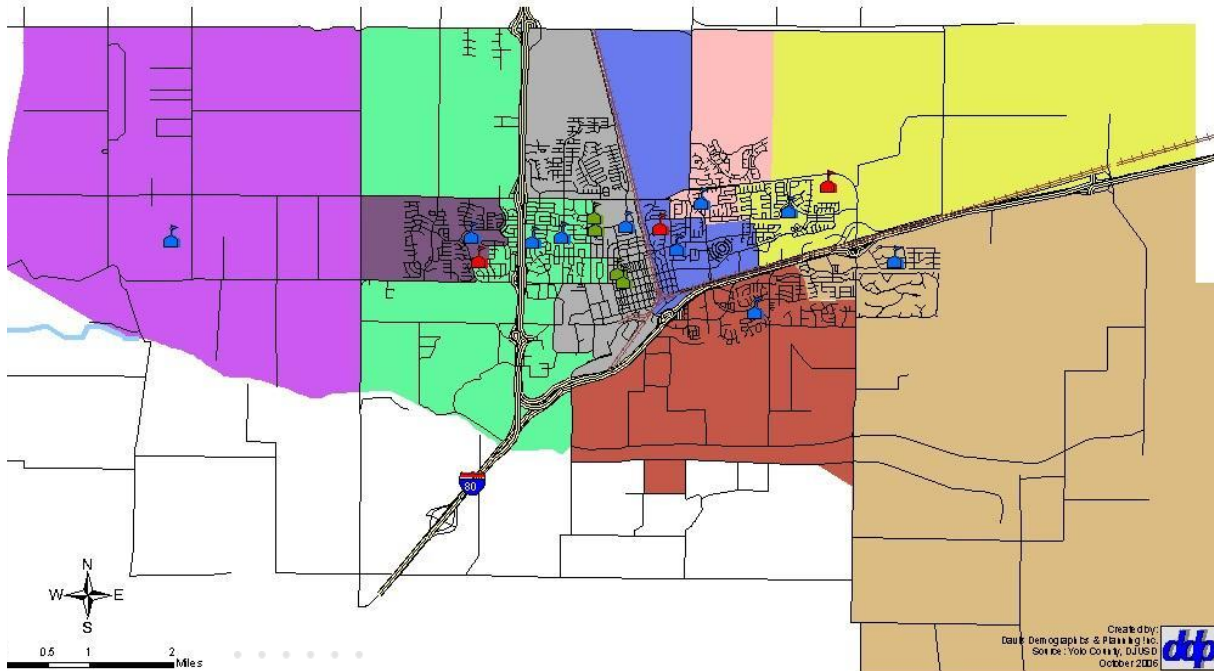
Part 1: Introduction: Historical Boundaries

Elementary School Attendance Areas

Davis

Joint Unified School District

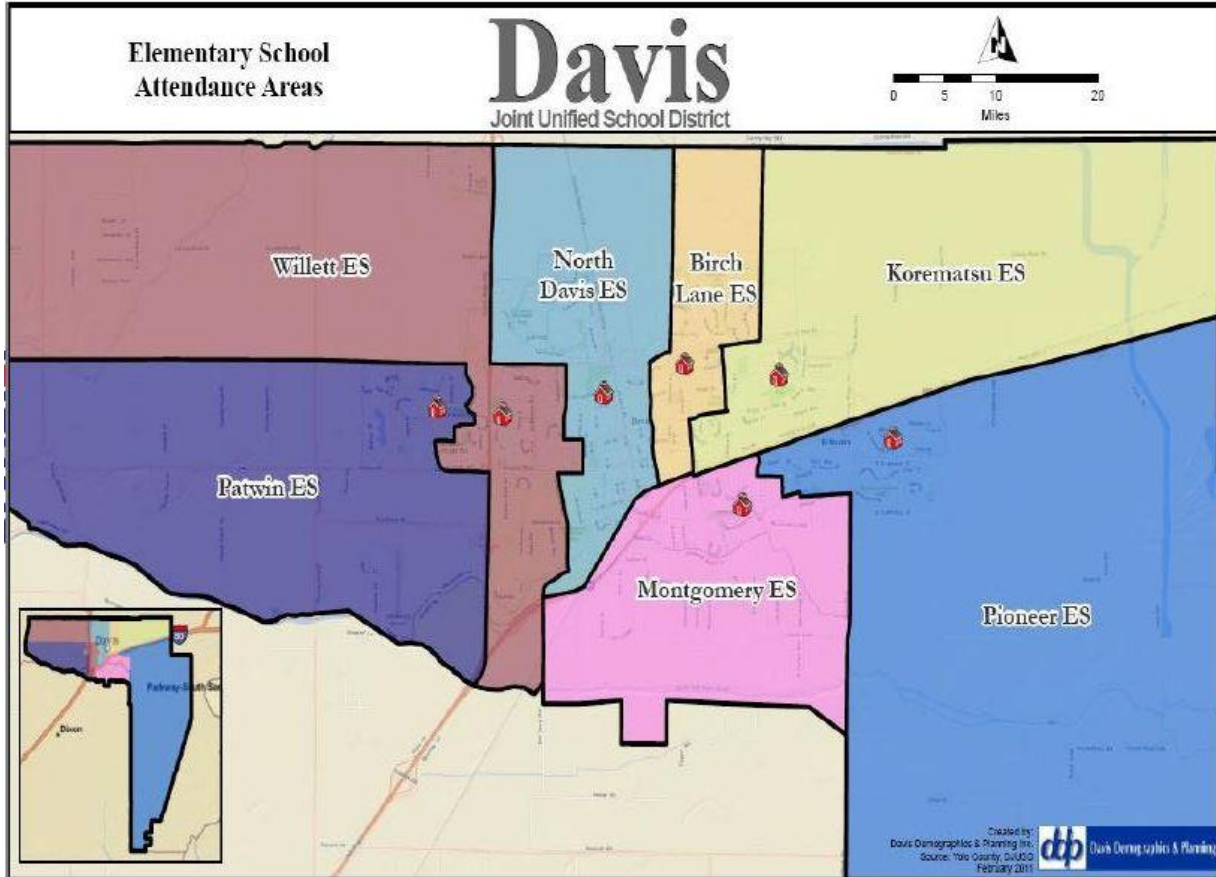
- Elementary Schools
- Middle Schools
- High Schools
- rail
- Freeways/Highways
- Surface Street
- rivers
- BIRCH LANE ELEM
- FAIRFIELD ELEM
- KOREMATSU ELEM
- MARGUERITE MONTGOMERY
- NORTH DAVIS ELEM
- PATWIN ELEM
- PIONEER ELEM
- ROBERT E WILLETT
- VALLEY OAK ELEM



Elementary School Boundary Map

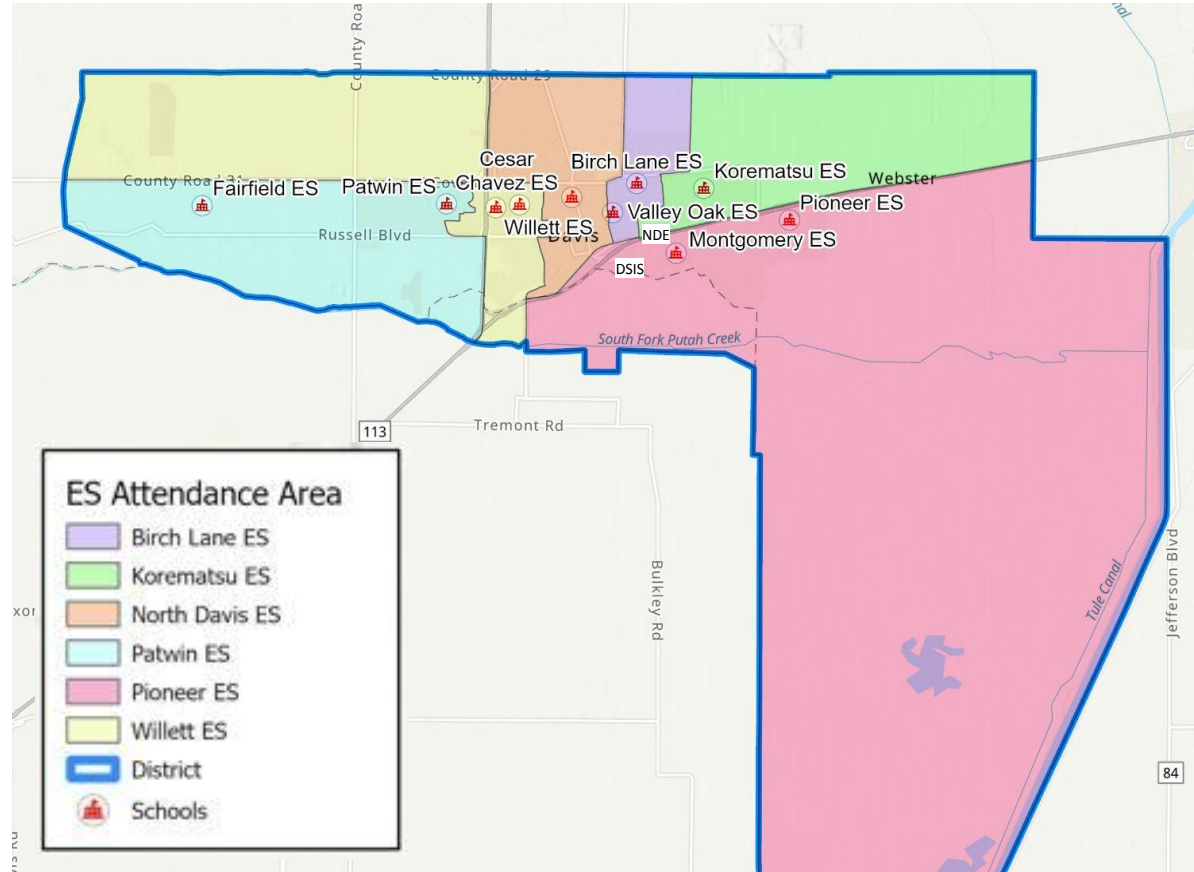
(October 2006)

Part 1: Introduction: Historical Boundaries

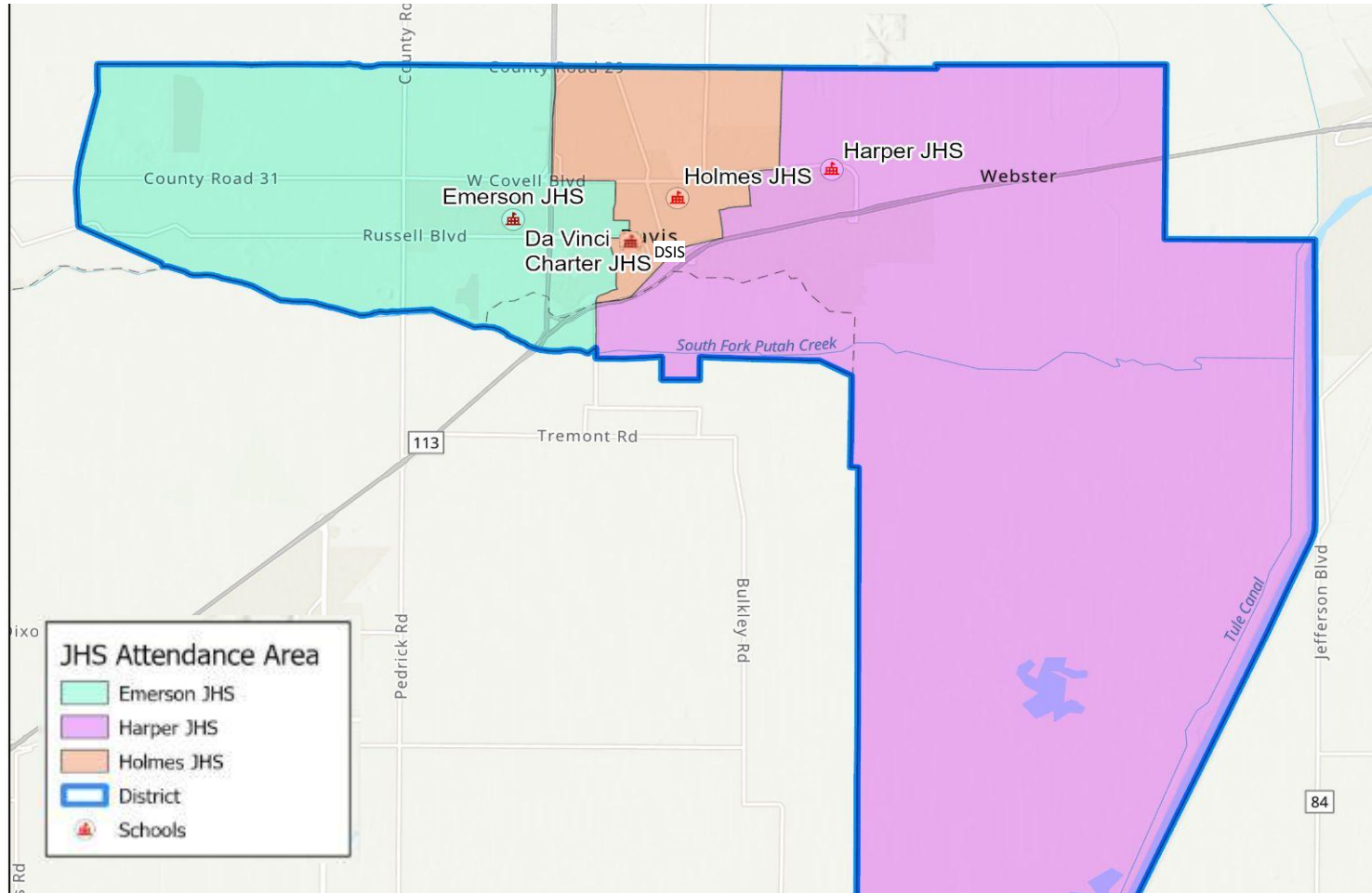


Elementary School
Boundary Map
2011

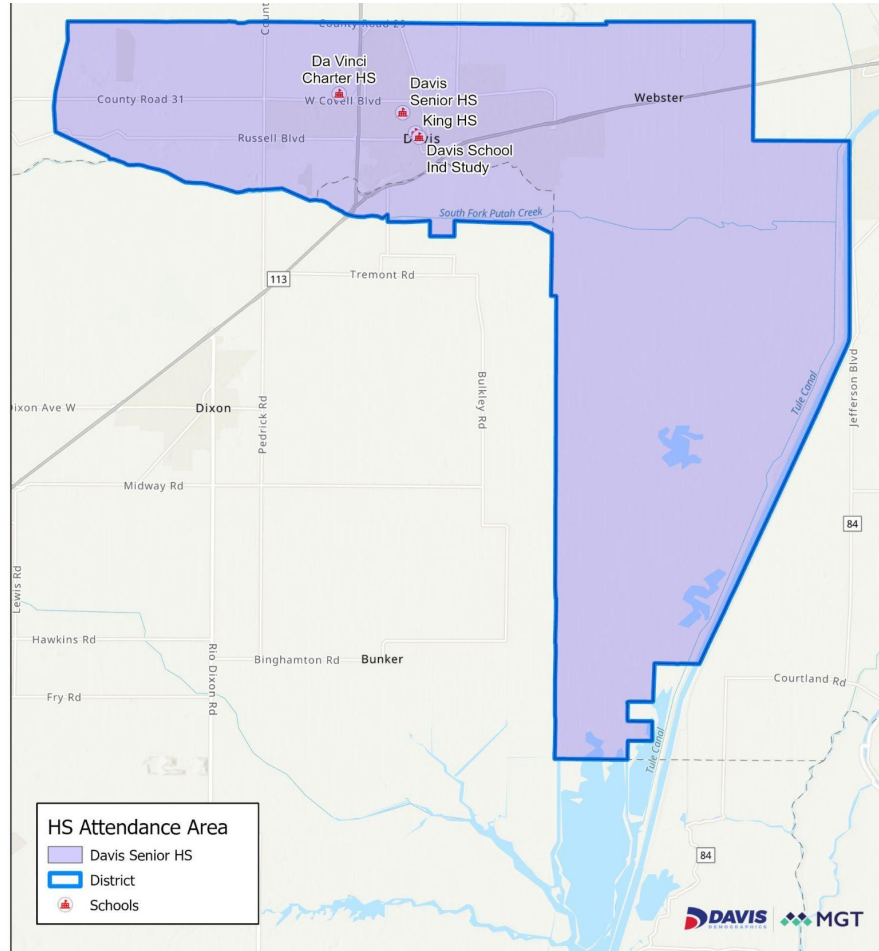
Part 1: Introduction: Current Elementary Boundaries



Part 1: Introduction: Current Junior High Boundaries



Part 1: Introduction: Current High School Boundary



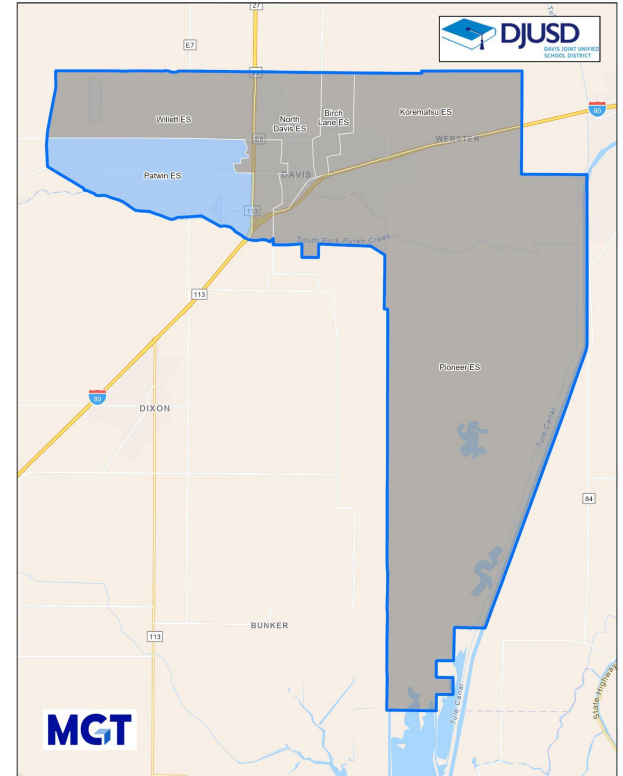
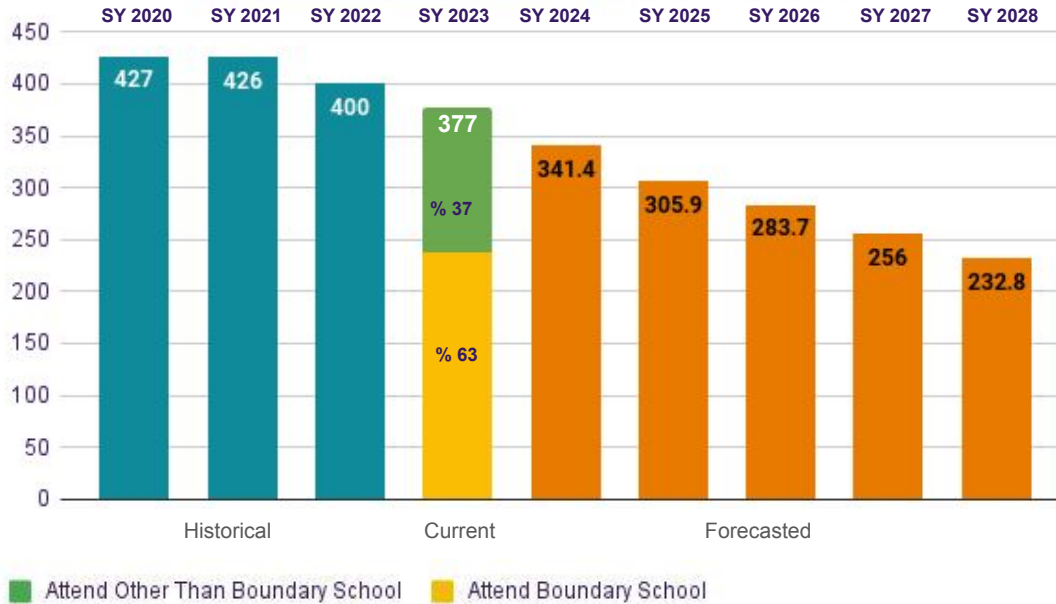
Elementary Boundary and Enrollment Trends

Part 2



Patwin Boundary Area - Total Resident Students

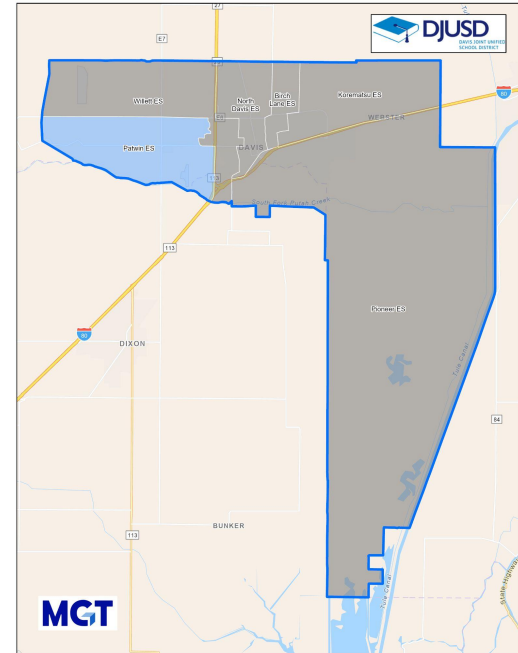
Patwin ES Enrollment



Patwin Boundary Area

Where do Patwin boundary resident students attend school?

	Resident Boundary #	Attend Boundary School	Attend Other Boundary School	Attend Magnet School	Other*
Resident Students	377	236	52	88	1
% Boundary Students	100%	63%	14%	23%	<1%



According to Davis Demographics MGT, elementary boundary area data for the Fall 23/24 report was calculated for K-6 programming and mistakenly included a limited number of Transitional Kindergarten student numbers, which accounted for less than 1% of the total enrollment of each boundary area. For transparency, these additional numbers are included here as "Other".

Patwin Elementary School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	399	236	89	74
% Enrollment	100%	59%	22%	19%

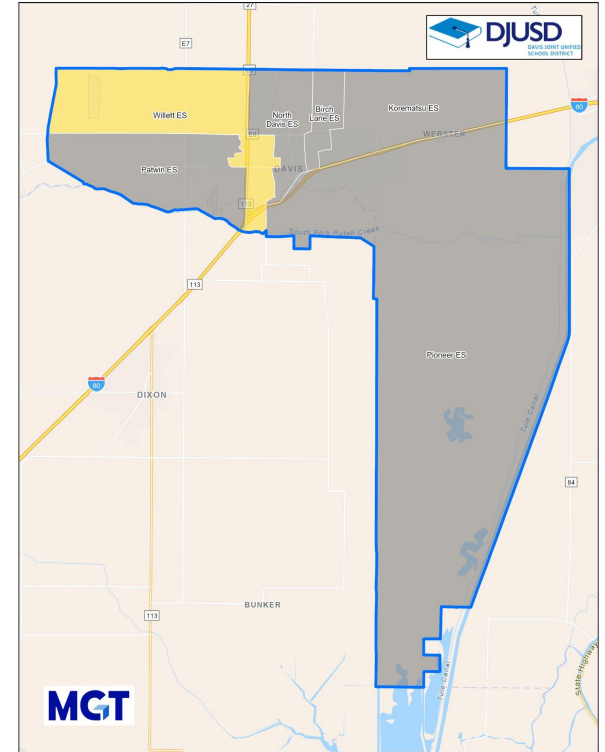
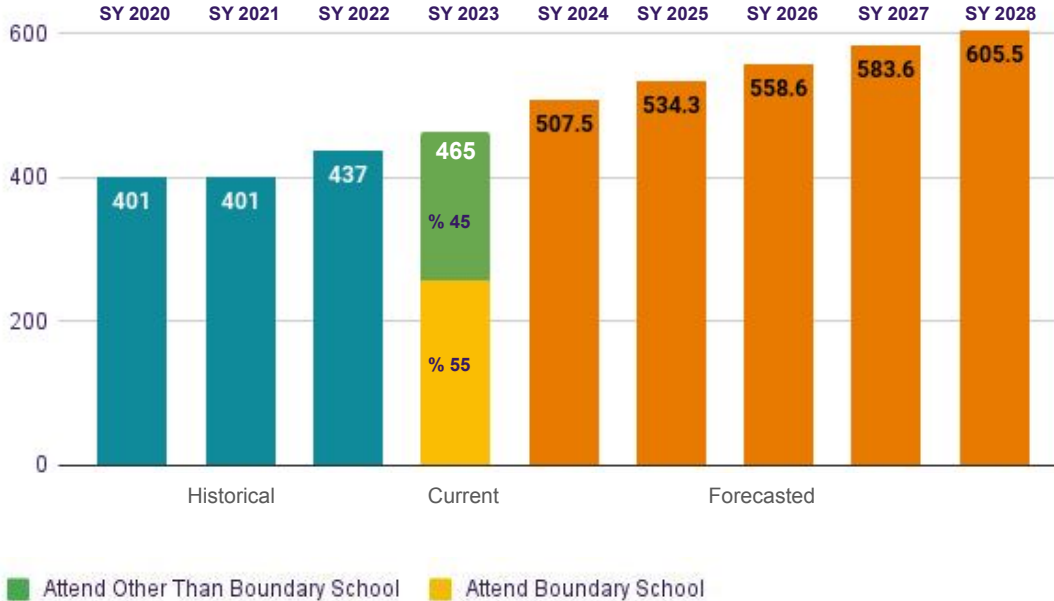


Key Facts

- TK-6
- FFE 4th grade has the option to matriculate
- Feeds Emerson Jr. High

Willett Boundary Area - Total Resident Students

Willett ES Enrollment

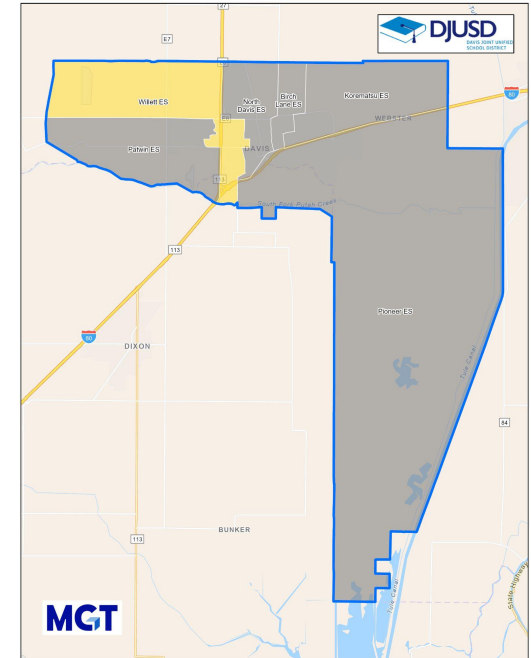


Willett Boundary Area

Where do Willett boundary resident students attend school?

	Resident Boundary #	Attend Boundary School	Attend Other Boundary School	Attend Magnet School	Other*
Resident Students	465	254	81	129	1
% Boundary Students	100%	55%	17%	28%	<1%

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Willett Elementary School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	507	254	188	65
% Enrollment	100%	50%	37%	13%



Key Facts

- TK-6
- One AIM class, Grades 4-6
- Feeds Emerson Jr. High for neighborhood program
- Feeds Holmes Jr. High for AIM strand

César Chávez Elementary School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	494	N/A	424	70
% Enrollment	100%	N/A	86%	14%



Key Facts

- TK-6
- Spanish Immersion Magnet Program
- Feeds to Emerson Jr. High
- 131 (27%) students come from North Davis boundary
- 107 (22%) students come from Willett boundary

Fairfield Elementary School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	45	N/A	39	6
% Enrollment	100%	N/A	87%	13%

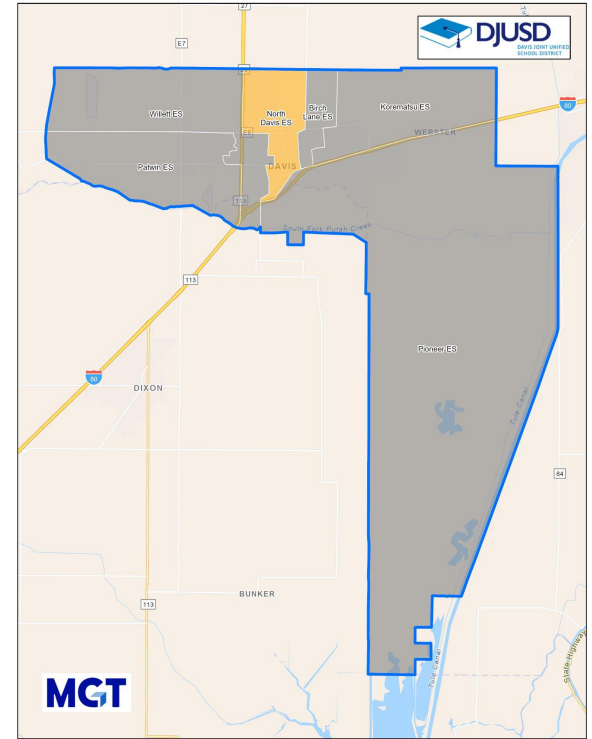
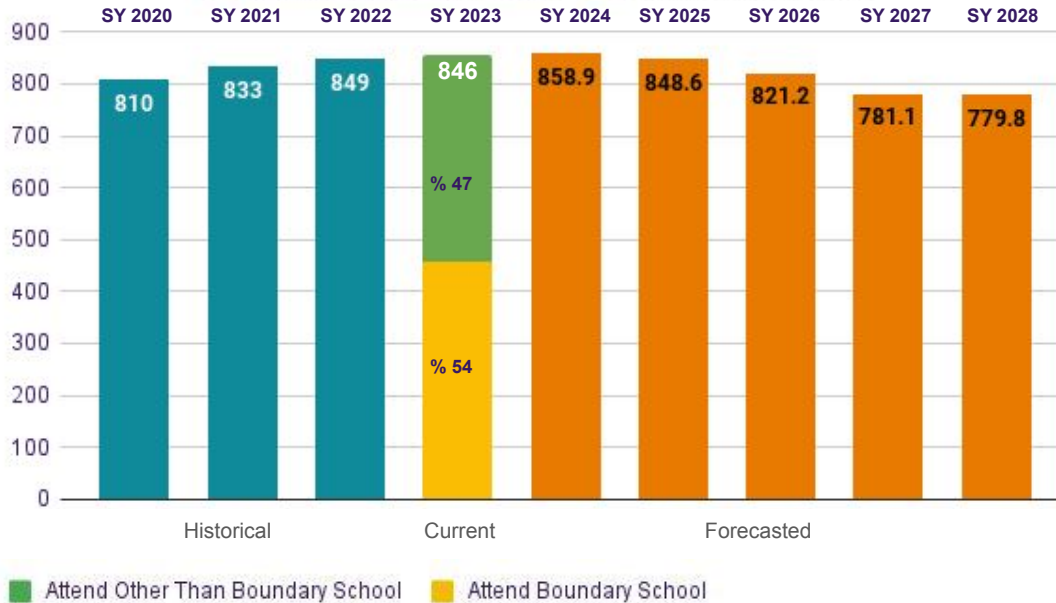


Key Facts

- Magnet Program
- K-3 Program
- Co-Op Model
- Feeds Patwin Elementary at 4th grade

North Davis Boundary Area Total Resident Students

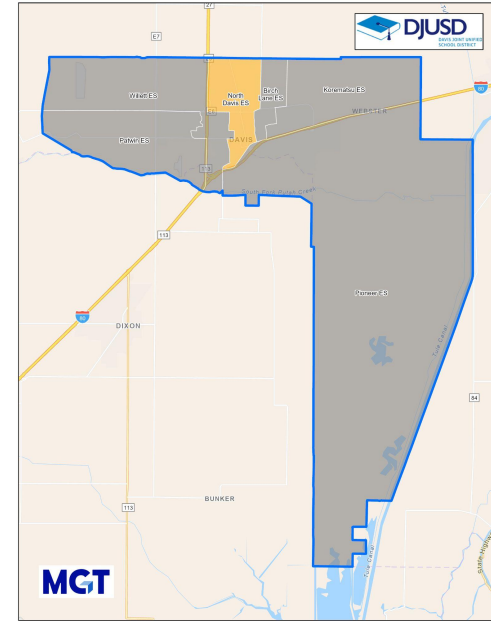
North Davis ES Enrollment



North Davis Boundary Area

Where do North Davis boundary resident students attend school?

	Resident Boundary #	Attend Boundary School	Attend Other Boundary School	Attend Magnet School	Other*
Resident Students	846	453	199	192	2
% Boundary Students	100%	54%	24%	23%	<1%



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North Davis Elementary School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	575	453	73	49
% Enrollment	100%	79%	13%	9%

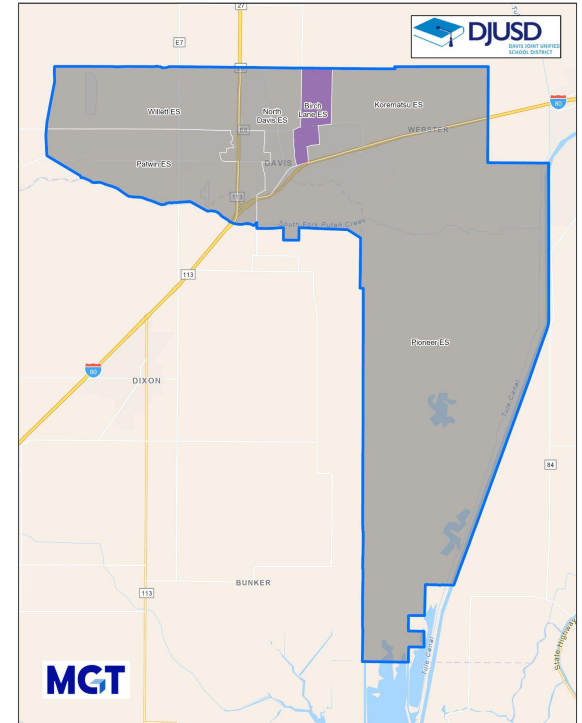
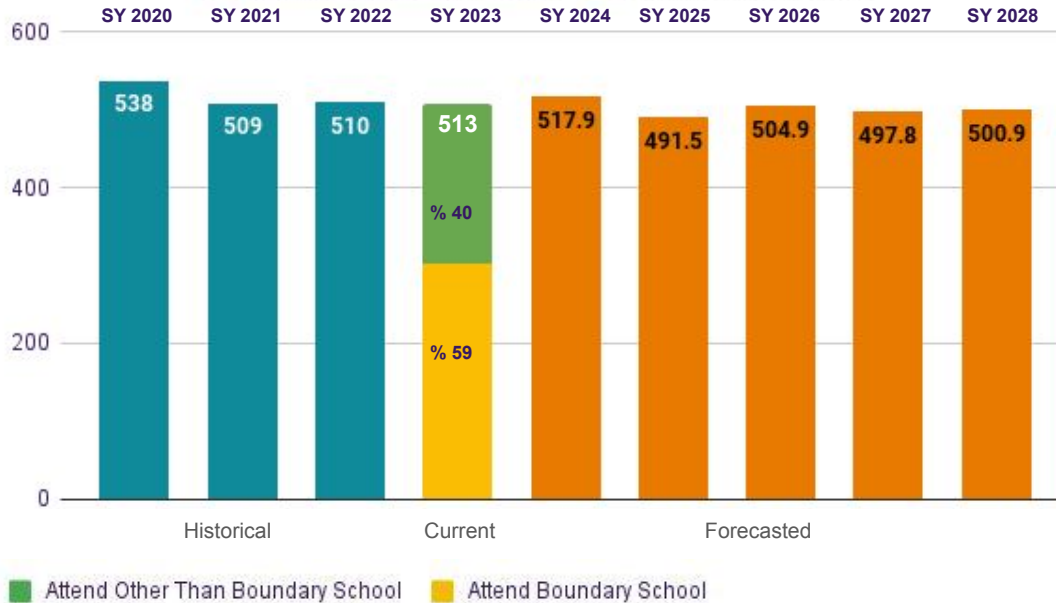


Key Facts

- TK-6
- Feeds Holmes Jr. High

Birch Lane Boundary Area - Total Resident Students

Birch Lane ES Enrollment

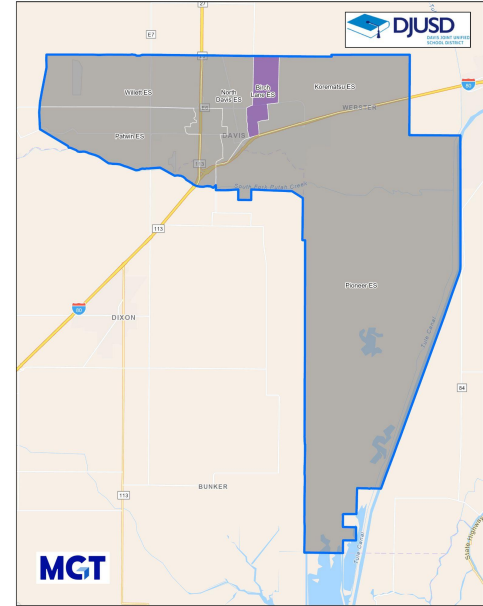


Birch Lane Boundary Area

Where do Birch Lane boundary resident students attend school?

	Resident Boundary #	Attend Boundary School	Attend Other Boundary School	Attend Magnet School	Other*
Resident Students	513	304	109	98	2
% Boundary Students	100%	59%	21%	19%	<1%

According to Davis Demographics MGT, elementary boundary area data for the Fall 23/24 report was calculated for K-6 programming and mistakenly included a limited number of Transitional Kindergarten student numbers, which accounted for less than 1% of the total enrollment of each boundary area. For transparency, these additional numbers are included here as "Other".



Birch Lane Elementary School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	564	304	170	90
% Enrollment	100%	54%	30%	16%

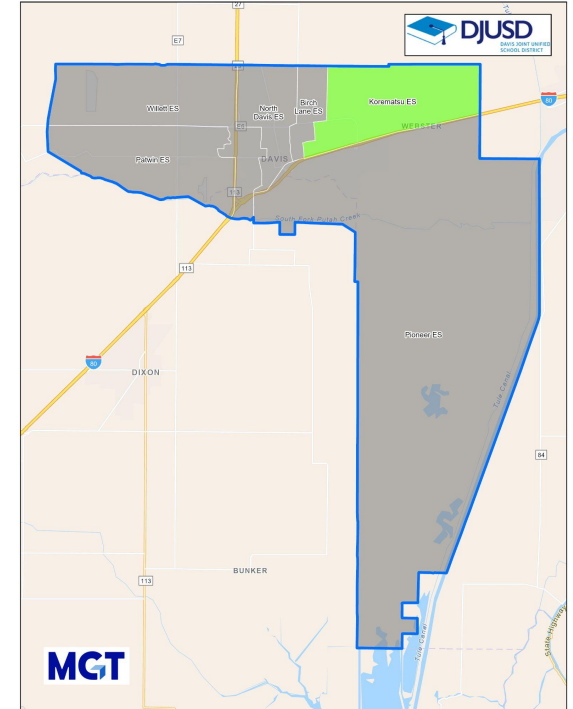
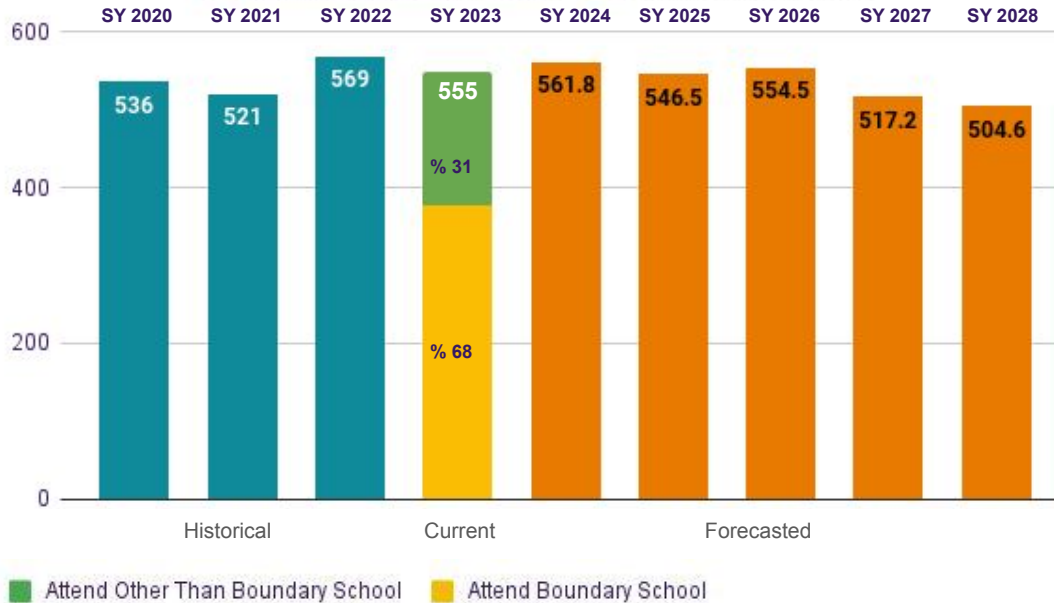


Key Facts

- TK-6
- Montessori Magnet K-6
- One Special Day class
- Feeds to Holmes Jr. High

Korematsu Boundary Area - Total Resident Students

Korematsu ES Enrollment

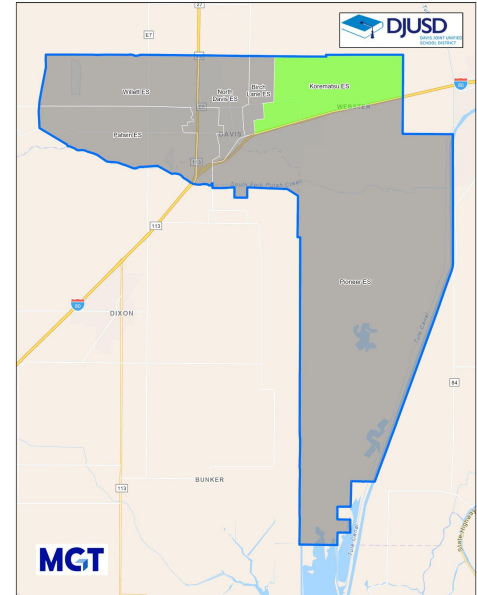


Korematsu Boundary Area

Where do Korematsu boundary resident students attend school?

	Resident Boundary #	Attend Boundary School	Attend Other Boundary School	Attend Magnet School	Other*
Resident Students	555	376	102	74	3
% Boundary Students	100%	68%	18%	13%	<1%

According to Davis Demographics MGT, elementary boundary area data for the Fall 23/24 report was calculated for K-6 programming and mistakenly included a limited number of Transitional Kindergarten student numbers, which accounted for less than 1% of the total enrollment of each boundary area. For transparency, these additional numbers are included here as "Other".



Korematsu Elementary School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	522	376	109	37
% Enrollment	100%	72%	21%	7%

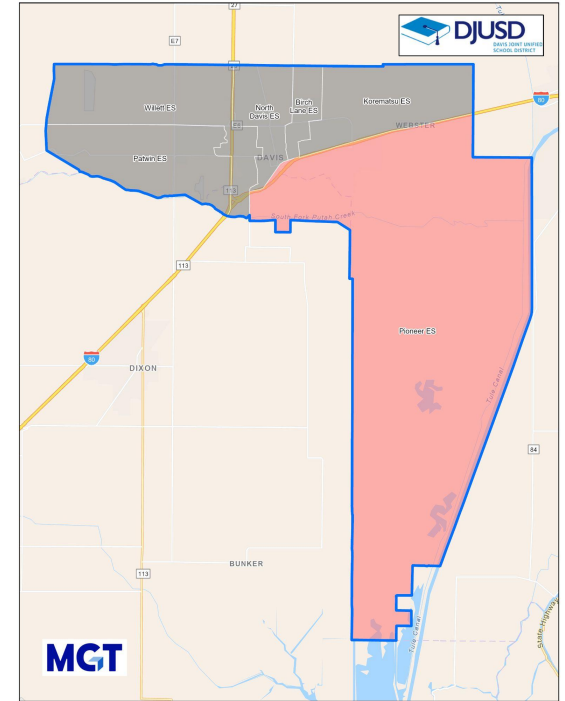
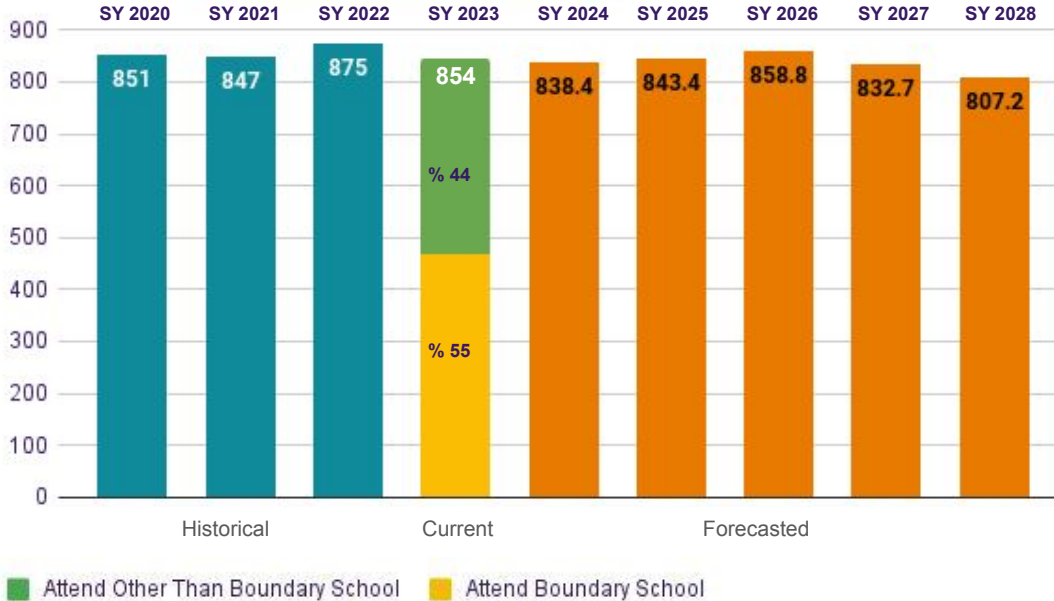


Key Facts

- TK-6
- Has Early Learning Center Preschool
- Feeds Harper Jr. High

Pioneer Boundary Area - Total Resident Students

Pioneer ES Enrollment

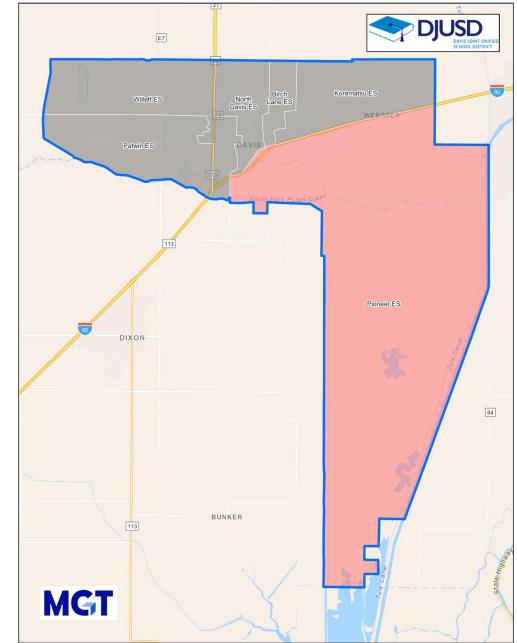


Pioneer Boundary Area

Where do Pioneer boundary resident students attend school?

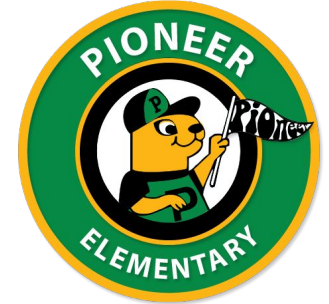
	Resident Boundary #	Attend Boundary School	Attend Other Boundary School	Attend Magnet School	Other*
Resident Students	854	469	123	254	8
% Boundary Students	100%	55%	14%	30%	<1%

According to Davis Demographics MGT, elementary boundary area data for the Fall 23/24 report was calculated for K-6 programming and mistakenly included a limited number of Transitional Kindergarten student numbers which accounted for less than 1% of the total enrollment of each boundary area. For transparency, these additional numbers are included here as "Other":



Pioneer Elementary School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	568	469	37	62
% Enrollment	100%	83%	7%	11%



Key Facts

- TK-6
- One AIM class, Grades 4-6
- Feeds Harper Jr. High

Marguerite Montgomery Elementary School

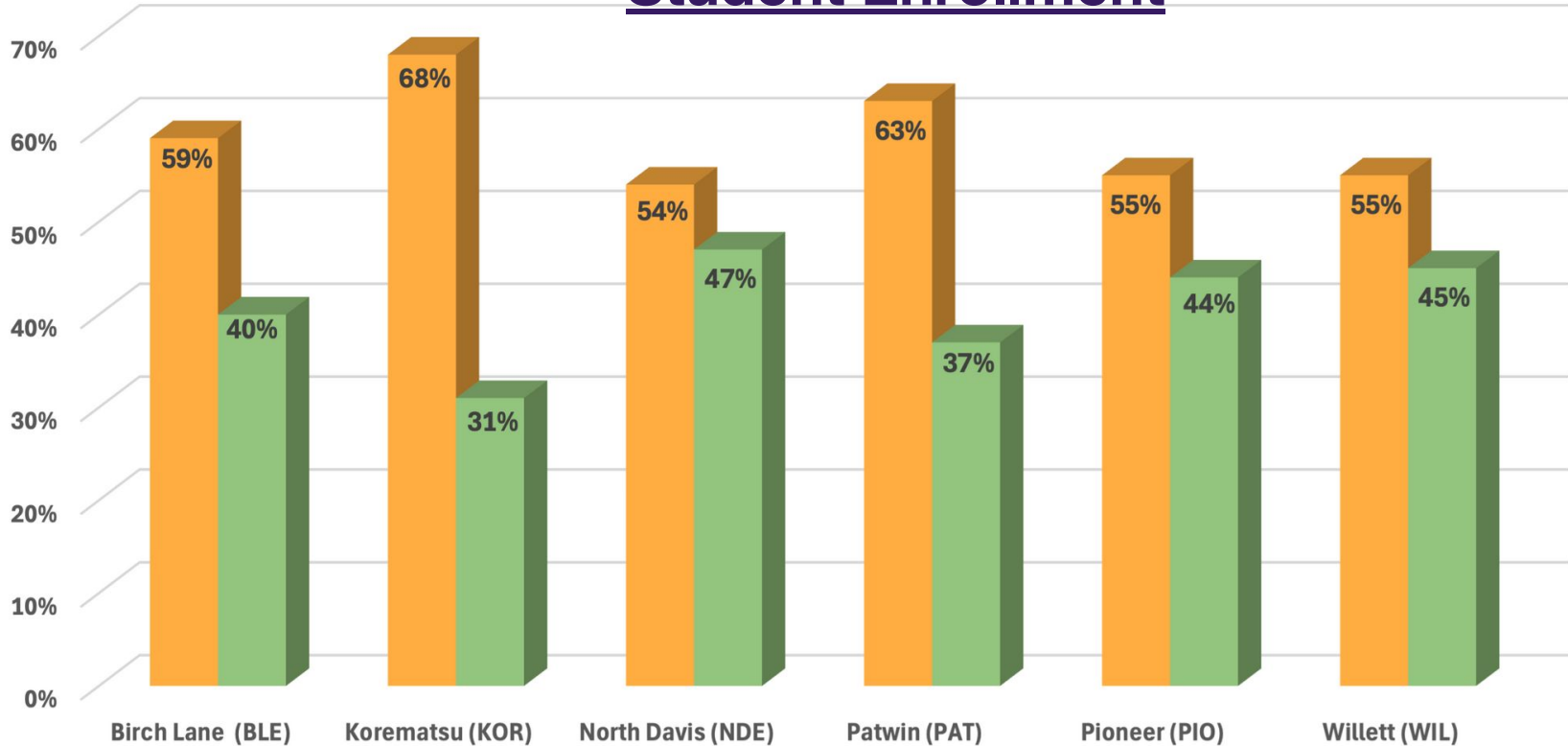
	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	432	N/A	354	78
% Enrollment	100%	N/A	82%	18%



Key Facts

- TK-6
- Two-Way Bilingual Immersion Magnet School
- Migrant student population attend here
- Feeds Harper Jr. High
- 215 students (50%) come from Pioneer boundary

Elementary Boundary Area Student Enrollment



■ Percentage of Students Living in Boundary Area Who Attend Boundary School

■ Percentage of Students Living in Boundary Area Who Attend Other Than Boundary School

Considerations For Why Students May Go to a Specific School

Sibling
Attendance



Childcare
Needs



Proximity to
Home



Magnet
Program



Travel Needs-
Bike Path

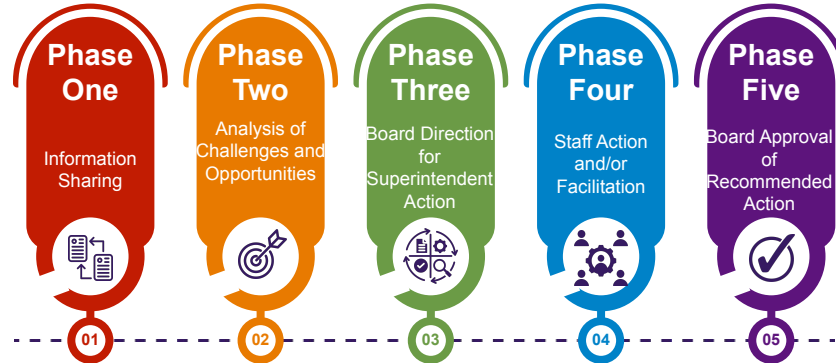


Junior High
School Feeder



Pause for Trustee Questions

Elementary Boundary and Enrollment Trends



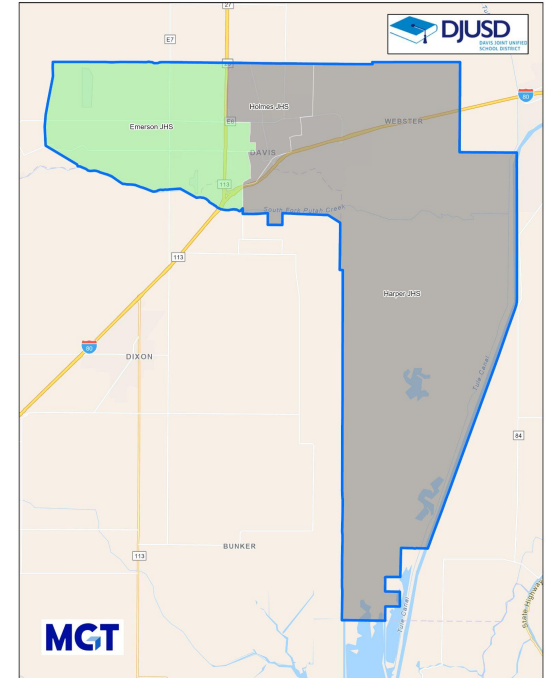
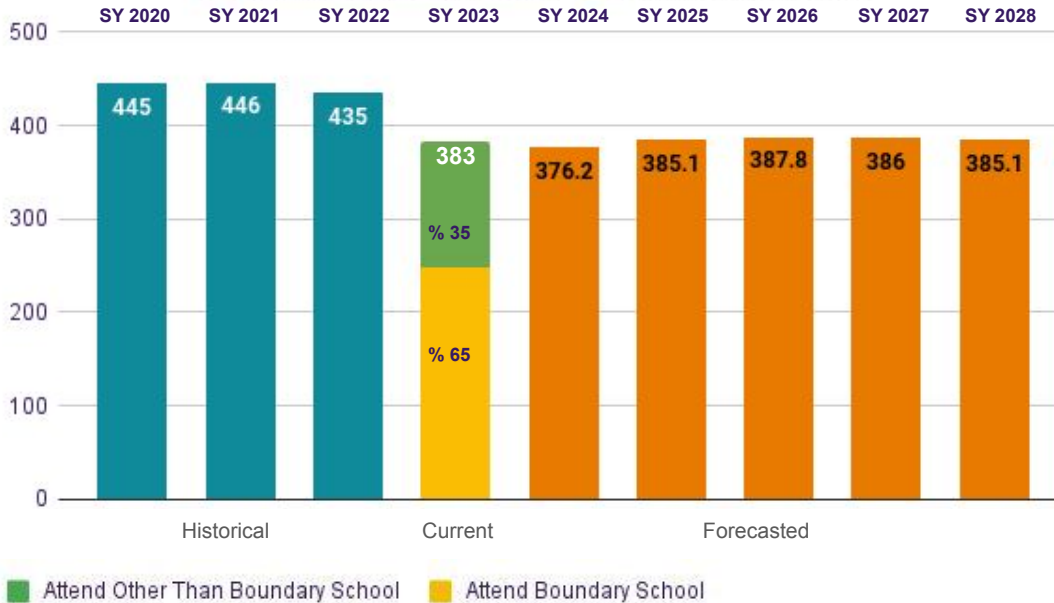
Junior High & Senior High Boundary Enrollment Trends

Part 3



Emerson Boundary Area - Total Resident Students

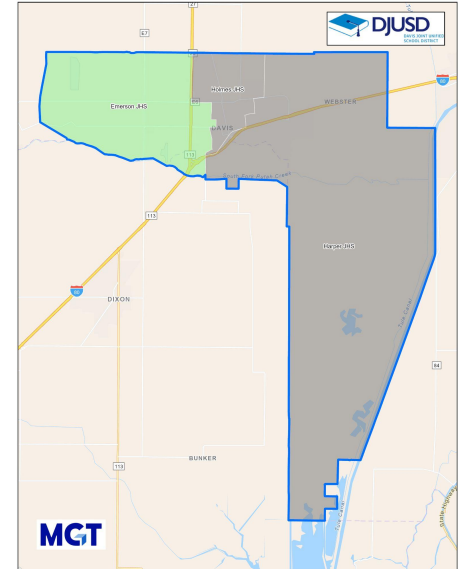
Emerson Jr. High Enrollment



Emerson Boundary Area

Where do Emerson boundary resident students attend school?

	Resident Boundary #	Attend Boundary School	Attend Other Boundary School	Attend Magnet School
Resident Students	383	250	48	85
% Boundary Students	100%	65%	13%	22%



Emerson Junior High School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	488	250	155	83
% Enrollment	100%	51%	32%	17%



Key Facts

- Grades 7-9
- Spanish Immersion Strand
- One AIM/High Achieving Strand

Da Vinci Junior High School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	334*	N/A	220	114
% Enrollment	100%	N/A	66%	34%



Key Facts

- Dependent Charter
- Magnet program
- Grades 7 and 8

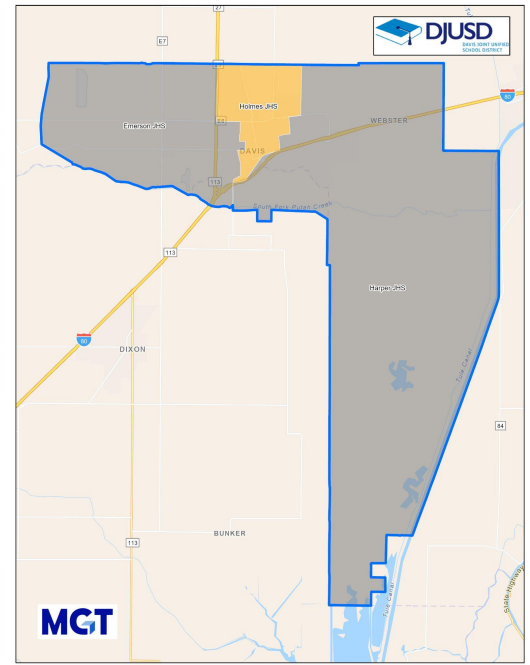
(*9th graders included in this data set)

Holmes Boundary Area - Total Resident Students

Holmes Jr. High Enrollment



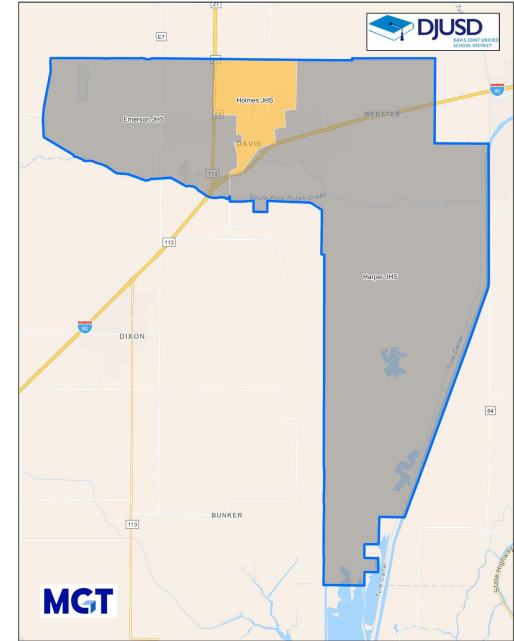
■ Attend Other Than Boundary School
 ■ Attend Boundary School



Holmes Boundary Area

Where do Holmes boundary resident students attend school?

	Resident Boundary #	Attend Boundary School	Attend Other Boundary School	Attend Magnet School
Resident Students	641	396	159	86
% Boundary Students	100%	62%	25%	13%



Holmes Junior High School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	621	396	138	87
% Enrollment	100%	64%	22%	14%

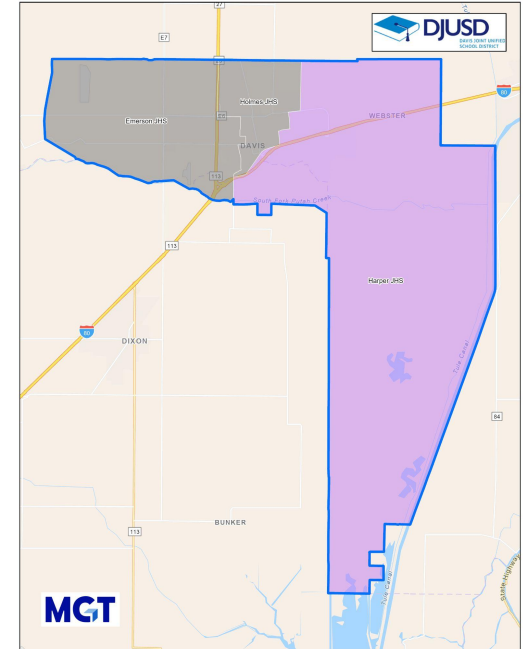
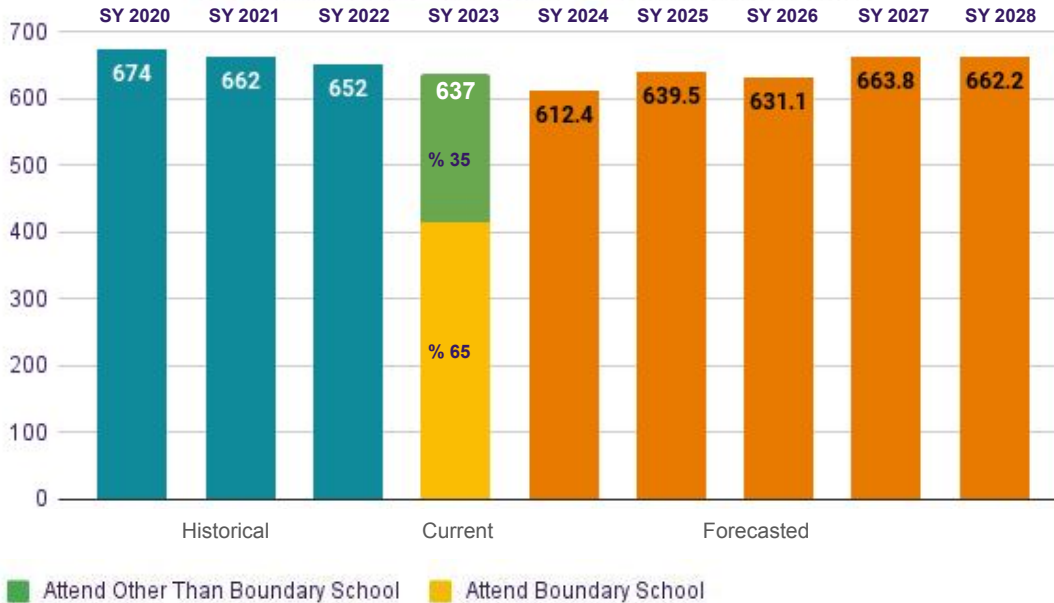


Key Facts

- Grades 7-9
- AIM strand

Harper Boundary Area - Total Resident Students

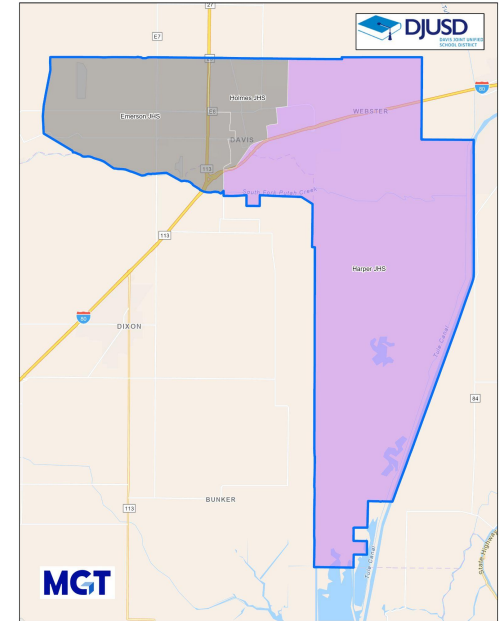
Harper Jr. High Enrollment



Harper Boundary Area

Where do Harper boundary resident students attend school?

	Resident Boundary #	Attend Boundary School	Attend Other Boundary School	Attend Magnet School
Resident Students	637	415	145	77
% Boundary Students	100%	65%	23%	12%



Harper Junior High School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	552	415	59	78
% Enrollment	100%	75%	11%	14%

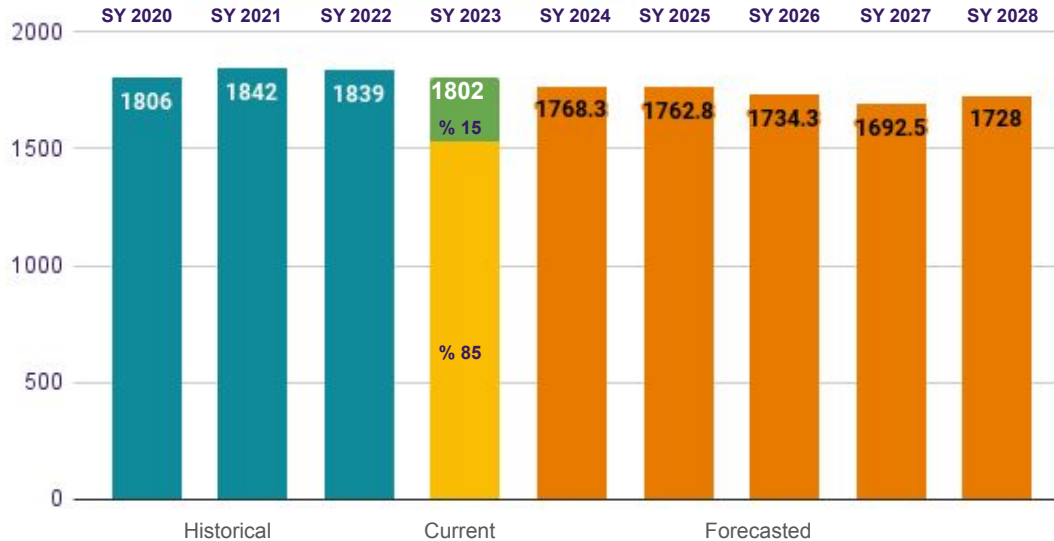


Key Facts

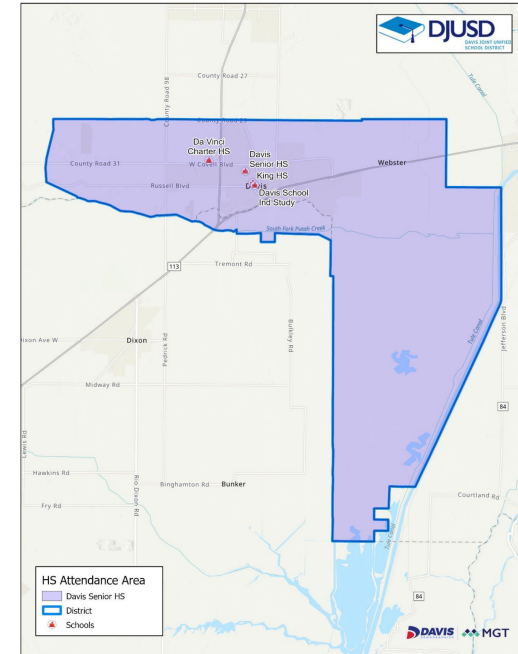
- Grades 7-9
- AIM strand
- Heritage Spanish speaker strand

Davis Senior High (DJUSD) Boundary Area Total Resident Students

Davis Sr. High Enrollment



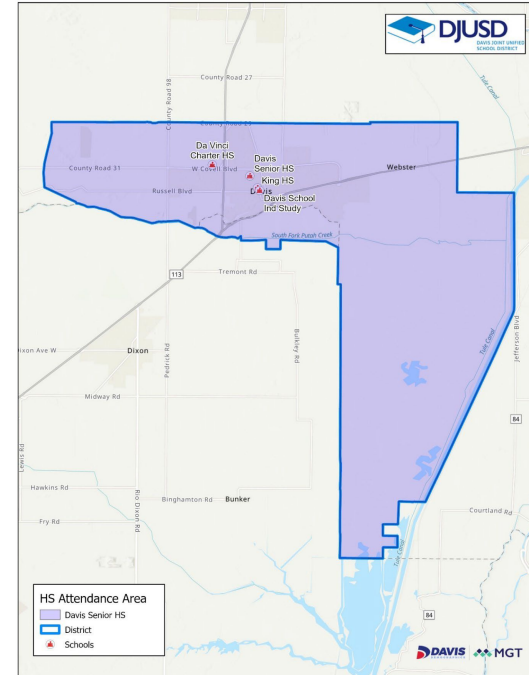
■ Attend Other Than Boundary School
 ■ Attend Boundary School



Davis Senior High Boundary Area

Where do Davis Senior High boundary resident students attend school?

	Resident Boundary #	Attend Boundary School	Attend Magnet School
Resident Students	1802	1538	264
% Boundary Students	100%	85%	15%



Davis Senior High School

	Total Enrollment	Resident of Boundary	From Other Boundary Areas (Intra)	Non Resident
	1789	1538	N/A	251
% Enrollment	100%	86%	N/A	14%



Key Facts

- Grades 10-12
- Comprehensive High School

Da Vinci Charter High School

	Total Enrollment	Resident of Boundary	From DJUSD Boundary	Non Resident
	248*	N/A	163	85
% Enrollment	100%	N/A	66%	34%



Key Facts

- Dependent Charter
- Grades 9-12
- Magnet Program
- Students do not need an inter-district transfer to attend

(*9th graders not included in this data set)

King High School

	Total Enrollment	Resident of Boundary	From DJUSD Boundary	Non Resident
	50	N/A	36	14
% Enrollment	100%	N/A	72%	28%



Key Facts

- Magnet Program
- Continuation High School
- Grades 10-12

Davis School for Independent Study High School 9-12

	Total Enrollment	Resident of Boundary	From DJUSD Boundary	Non Resident
	81	N/A	65	16
% Enrollment	100%	N/A	80%	20%



Davis School for Independent Study High School 7-8

	Total Enrollment	Resident of Boundary	From DJUSD Boundary	Non Resident
	38	N/A	28	10
% Enrollment	100%	N/A	74%	26%

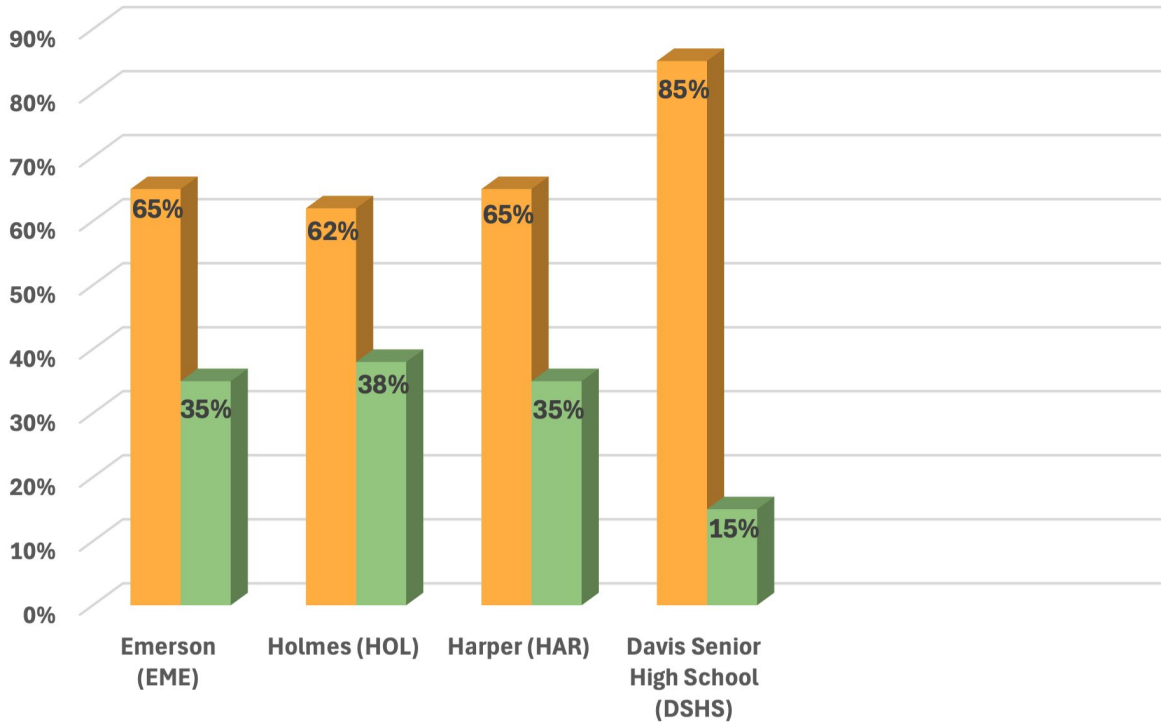
Davis School for Independent Study High School K-6

	Total Enrollment	Resident of Boundary	From DJUSD Boundary	Non Resident
	26	N/A	18	8
% Enrollment	100%	N/A	70%	31%

Key Facts

- K-12
- Magnet Program
- Host to Homeschool, Hybrid Independent Study and Virtual Academy

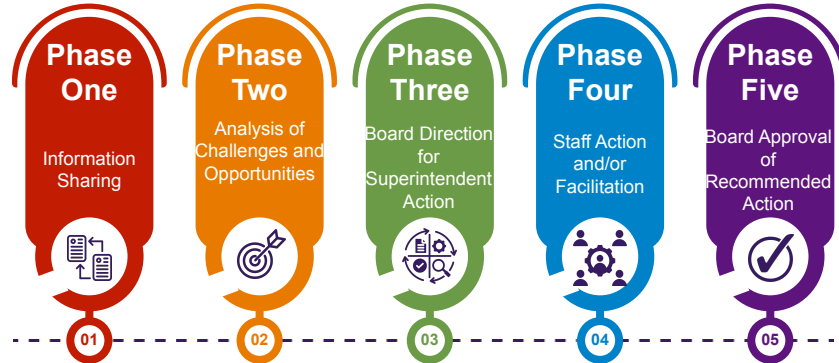
Junior High/Senior High Boundary Area Student Enrollment



- Percentage of Students Living in Boundary Area Who Attend Boundary School
- Percentage of Students Living in Boundary Area Who Attend Other Than Boundary School

Pause for Trustee Questions

Junior High and Senior High Boundary and Enrollment Trends



Next Steps

Part 4



Objectives for Next Board Study Session

- Address any follow-up questions from the first Board Study Session
- Discussion of Academic Program Model
- Identification of challenges and opportunities in short, medium and long term
- Values behind boundary lines
- Determine any actions for 2025-26 school year and/or beyond

