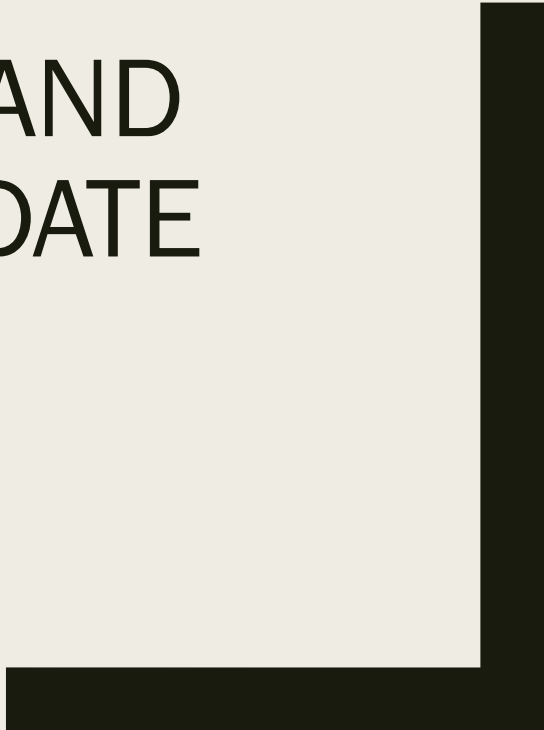


DEMOGRAPHICS AND ENROLLMENT UPDATE

*Special Board Meeting
July 19, 2023*



Presentation

- Enrollment Forecasting
 - *Enrollment Forecast Background*
 - *Kindergarten Birthrate Data*
 - *Enrollment Forecasts*
- Budget Implications
- Facilities Implications
- A New Normal?

Davis Demographics / MGT

OVER 30 YEARS OF ENROLLMENT PLANNING

SOLELY SERVE THE PLANNING NEEDS OF PUBLIC SCHOOL DISTRICTS

PROVIDE SCHOOL DISTRICTS WITH DEMOGRAPHIC REPORTS,
ATTENDANCE AND TRUSTEE BOUNDARY PLANNING, AND GIS SERVICES

IN ADDITION, MGT PROVIDES FACILITIES, BUSINESS SERVICES, HR, AND
TECHNOLOGY SUPPORTS

What is an enrollment forecast?

- Purpose of an enrollment forecast:
 - *Identify and inform the District of trends, how these trends may affect future student population, and illustrate potential facility adjustments that may be needed.*
- Source of data
 - *Street Centerline Database*
 - *Study Areas*
 - *Schools*
 - *Students – Historical and Current*
 - *Planned Residential Development*
- Seven Year Methodology
 - *Projections are calculated out seven 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. Seven years are usually sufficient to adequately plan for facility adjustments. It is a short to mid-term solution for planning needs. Projections beyond seven years are based on speculation due to the lack of reliable information on birthrates, new home construction and economic conditions.*

Data Used for Variables

■ Births by Zip Code Data (Incoming Kindergarten)

- *Birth data by postal zip code was obtained from the California State Department of Health and is roughly correlated to the Del Mar Union School District. Past changes in historical birthrates are used to estimate future incoming kindergarten student population from existing housing.*

■ Cohort Survival Factors

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

■ Student Yield Factors (SYFs)

- *These factors, combined with planned residential development units are used to determine the number of students generated from new residential housing development projects. The student yield factors are calculated by Davis Demographics from a housing count of existing dwelling units throughout the District for a seven-year period.*

Births by Zip Code					Birth Rate		
Birth Year	Kinder Year	92014	92130	Total	% Change*	Birthrate Used in Forecast	School Year
2006	2011	101	586	687	122.7%		2011/12
2007	2012	92	668	760	135.7%		2012/13
2008	2013	111	628	739	132.0%		2013/14
2009	2014	105	629	734	131.1%		2014/15
2010	2015	87	571	658	117.5%		2015/16
2011	2016	91	592	683	122.0%		2016/17
2012	2017	88	554	642	114.6%		2017/18
2013	2018	99	534	633	113.0%		2018/19
2014	2019	92	490	582	103.9%		2019/20
2015	2020	82	498	580	103.6%		2020/21
2016	2021	82	526	608	108.6%	2021/22	
2017	2022	83	477	560	BASE YEAR		2022/23
2018	2023	89	536	625	111.6%	1.116	2023/24
2019	2024	85	511	596	106.4%	1.064	2024/25
2020	2025	61	488	549	98.0%	0.980	2025/26
2021	2026	72	527	599	107.0%	1.070	2026/27
2022	2027				103.8%	1.038	2027/28
2023	2028				103.8%	1.038	2028/29
2024	2029				103.8%	1.038	2029/30

Birthrate Data

- Assumes the current kindergarten class (2023/24) was born five years ago (2018).
- Future incoming kindergarten classes are estimated by comparing the number of births in 2017 to the number of births in 2018 - 2021.

Cohort Survival Rate

- 103% cohort survival rate
- Means we have an increase of current students of about 3% each year
- This is for students moving into 1st-6th grades (previous K-5th graders)

District Wide Cohort Survival Comparison							
	K --> G1	G1 --> G2	G2--> G3	G3--> G4	G4 --> G5	G5 --> G6	District Wide
Fall 2021 Average Cohort Survival	108%	102%	104%	101%	102%	98%	103%
Fall 2022 Average Cohort Survival	107%	104%	105%	99%	103%	98%	103%

Historic Resident Counts				Current	Forecasted Resident Counts						
Grade	2019	2020	2021	2022	2023	2024*	2025*	2026*	2027*	2028*	2029*
K	504	450	431	392	474.7	457.0	422.6	464.8	453.7	455.4	456.0
1	526	515	506	467	421.1	511.9	497.4	460.8	503.6	491.7	492.4
2	562	515	546	530	482.8	435.3	532.7	518.2	478.2	522.2	508.8
3	583	557	550	572	555.0	506.3	460.7	562.8	545.5	504.1	548.9
4	627	553	591	558	568.6	555.1	508.0	463.4	562.5	545.4	503.3
5	612	607	587	613	575.7	586.6	580.8	532.0	481.1	583.4	565.2
6	654	582	608	574	598.6	566.8	583.1	577.3	525.5	476.1	575.6
Resident Student Totals by Grade Configuration											
K-6	4,068	3,779	3,819	3,706	3,677	3,619	3,585	3,579	3,550	3,578	3,650
Out-of-District Students											
K-6	64	80	64	47	58.0	58.0	58.0	58.0	58.0	58.0	58.0
Total Students*											
K-6	4,132	3,859	3,883	3,753	3,734.5	3,677.0	3,643.3	3,637.3	3,608.1	3,636.3	3,708.2
Annual Change											
K-6 Difference	-273	24	-130	-18.5	-57.5	-33.7	-6.0	-29.2	28.2	71.9	
Notes											
<p>Forecast based on student data as of 10/5/2022. (72) Preschool students not included in the above numbers. Starting in the 24/25 school year, the District expects an approximate increase of 100 additional K-6 students due to the re-opening of Del Mar Heights School</p>											

Districtwide Enrollment Projections

- Original estimates based on a 76% capture rate
- 76% capture rate is average of 2015-2022 kindergarten classes

Current DMUSD Enrollment Information

- 349 Kindergarten students
- Kinder enrollment after July 13
 - *2021-2022 Average: 37*
 - *2017-2022 Average: 44*
- Kindergarten enrollment projection to start the year
 - *Approximately 390 students*
- Expected Kindergarten enrollment to start the year
 - *475 students*

DMUSD Enrollment Data

Based on October CBEDS Enrollment

	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Birthrate Data	582	580	608	560	625
Kindergarten Students	504	450	431	392	390*
District Enrollment	4,132	3,859	3,883	3,753	3,750*

* Estimates based on current summer enrollment

Historic Resident Counts				Current	Forecasted Resident Counts						
Grade	2019	2020	2021	2022	2023	2024*	2025*	2026*	2027*	2028*	2029*
K	504	450	431	392	437.8	419.4	391.2	429.6	417.6	419.3	419.9
1	526	515	506	467	421.1	472.4	457.0	427.1	465.7	453.0	453.7
2	562	515	546	530	482.8	435.3	492.1	476.6	443.6	483.3	469.0
3	583	557	550	572	555.0	506.3	460.7	520.4	502.2	468.0	508.3
4	627	553	591	558	568.6	555.1	508.0	463.4	520.4	502.4	467.4
5	612	607	587	613	575.7	586.6	580.8	532.0	481.1	540.2	521.1
6	654	582	608	574	598.6	566.8	583.1	577.3	525.5	476.1	533.1
Resident Student Totals by Grade Configuration											
K-6	4,068	3,779	3,819	3,706	3,640	3,542	3,473	3,426	3,356	3,342	3,373
Out-of-District Students											
K-6	64	80	64	47	58.0	58.0	58.0	58.0	58.0	58.0	58.0
Total Students*											
K-6	4,132	3,859	3,883	3,753	3,697.6	3,599.9	3,530.9	3,484.4	3,414.1	3,400.3	3,430.5
Annual Change											
K-6 Difference	-273	24	-130	-55.4	-97.7	-69.0	-46.5	-70.3	-13.8	30.2	
Notes											
Forecast based on student data as of 10/5/2022.											
(72) Preschool students not included in the above numbers.											
Starting in the 24/25 school year, the District expects an approximate increase of 100 additional K-6 students due to the re-opening of Del Mar Heights School											

Districtwide Enrollment Projections

- Compared the total births in 2017 to the total births in 2018, to determine a factor for next year's kindergarten class (2023/24).
- 2017 births = 560
- 2018 births = 625
- 2023 Kinder is 116% of 2022

Budget Implications – New Information

- Adopted State Budget
 - *Block Grant Funds: reductions mostly reversed*
 - Arts, Music, and Instructional Materials Discretionary Block Grant, DMUSD recouped just over \$1,000,000
 - Learning Recovery Emergency Block Grant, DMUSD recouped approximately \$280,000
 - Total recouped: almost \$1,300,000
 - *Prop 28*
 - Ongoing funding
 - Over \$900,000 in 2023-2024
 - Three years to spend, and caution in initial planning and use is advised

Budget Implications

- Budgeted for flat enrollment in 2023-24 and Multi-Year Projection
- If there is a reduction in enrollment
 - *We will have budgeted for more teachers than necessary*
 - *We will have budgeted for more STEAM+ staff than necessary*

Facilities Implications

	Open Rooms Total	Open Kinder Rooms w RR's
Ashley Falls	4	1
Carmel Del Mar	0	0
Del Mar Heights	-	-
Del Mar Hills	1	0
Ocean Air	4	1
Pacific Sky	2	0
Sage Canyon	0	0
Sycamore Ridge	4	1
Torrey Hills	4	1
Totals	19	4

A New Normal?

- Lower capture rates compared to births
- Lower Kindergarten classes
- Lower districtwide enrollment
- According to Davis Demographics, this is expected to continue based on preliminary birthrate information
- Re-examine District Priorities



QUESTIONS