



Crabtree, Rohrbaugh & Associates

Chambersburg Area School District

BOARD UPDATE
April XX, 2024

STUDY REQUIREMENTS



Projected Future
Enrollment (10 Years)



Building Capacity vs
Student Enrollment



Geographical &
Population Overview



Educational Program
Overview



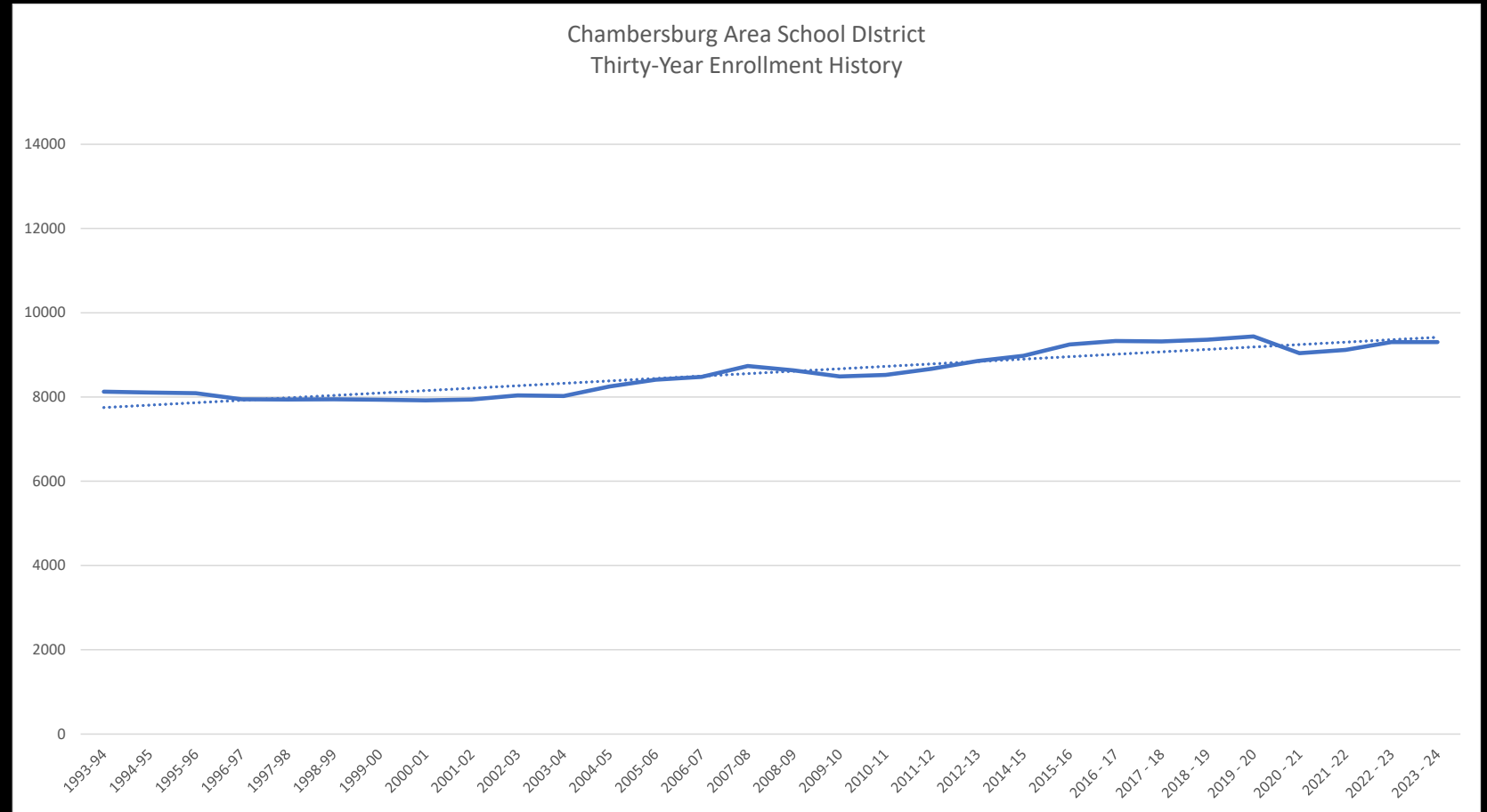
Facility Conditions &
Costs to Upgrade



Analysis of Options

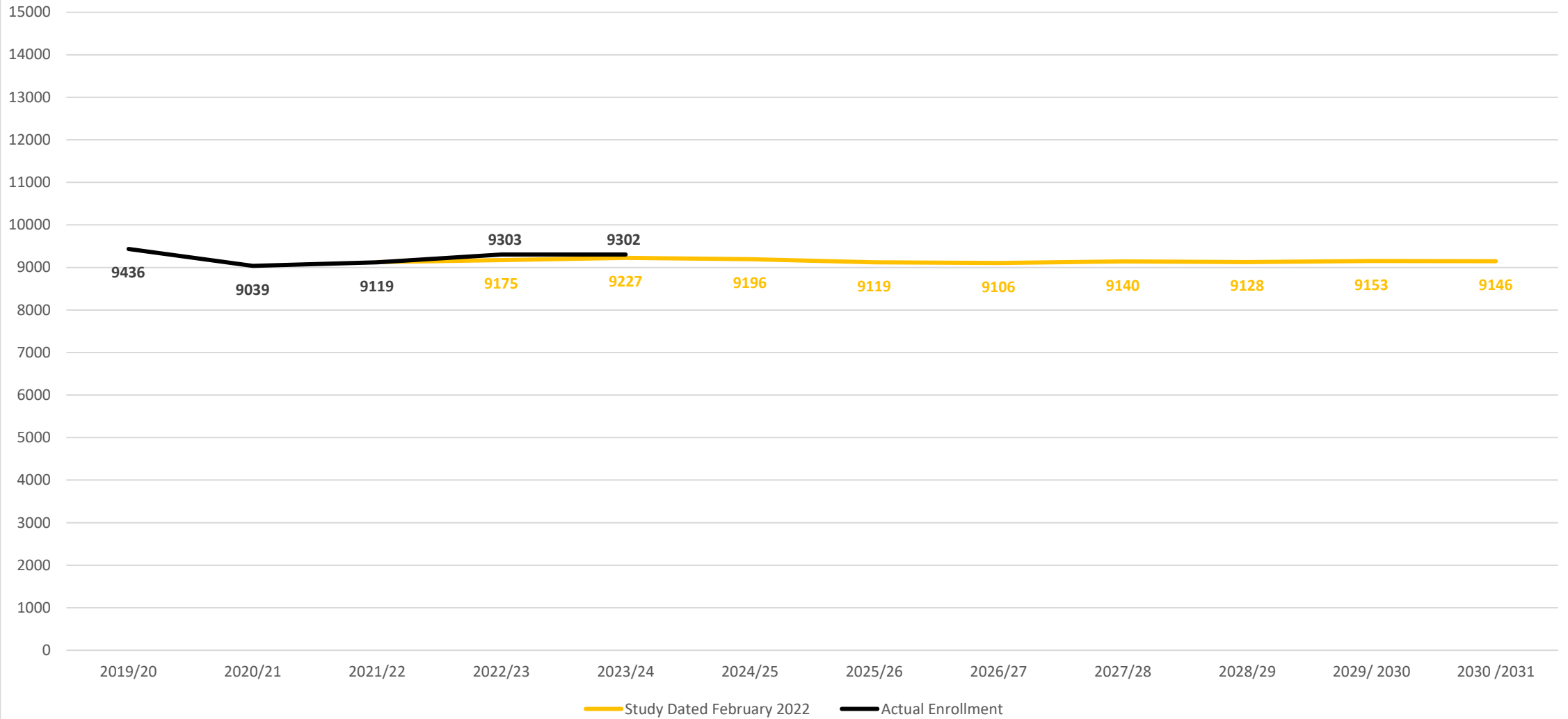
Chambersburg Area School District 30-Year Enrollment History

- Since 1993 CASD School District grew by 1175 students.
- The average annual growth rate prior to the Pandemic (1993/94-2019/20) was 0.61%.
- Prior to the Pandemic (1993/94-2019/20) the single greatest year to year increase was 3.06% and the least was -1.82%.
- The average annual growth rate over the entire 30 years, including the Pandemic enrollment-dip was 0.48%.
- The single greatest year to year growth rate over the entire 30 years was 3.06% and the least was -4.21% in 2020/21 (Pandemic Dip).



PEL STUDY ENROLLMENT PROJECTIONS

2022 PEL Study and Actual Enrollment
Grades K-12



Current Capacities for Each School

CRA worked with the administrative team to map every instructional space in every school.

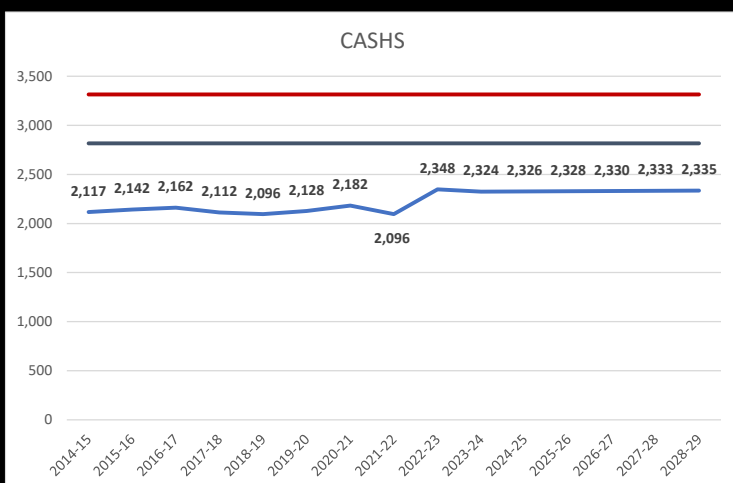
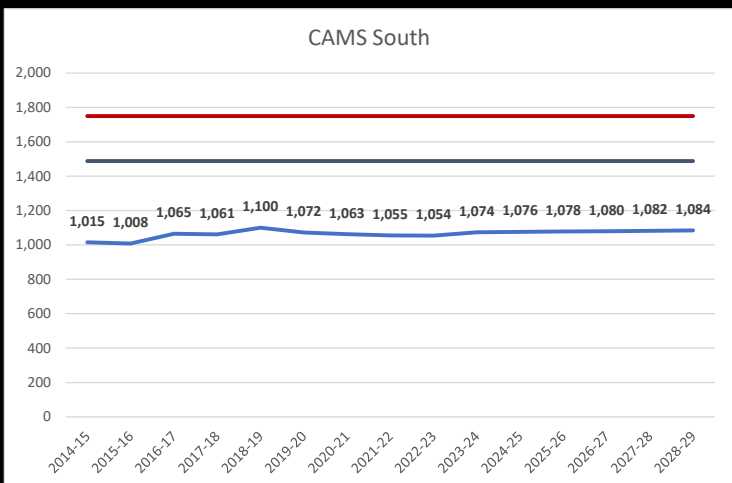
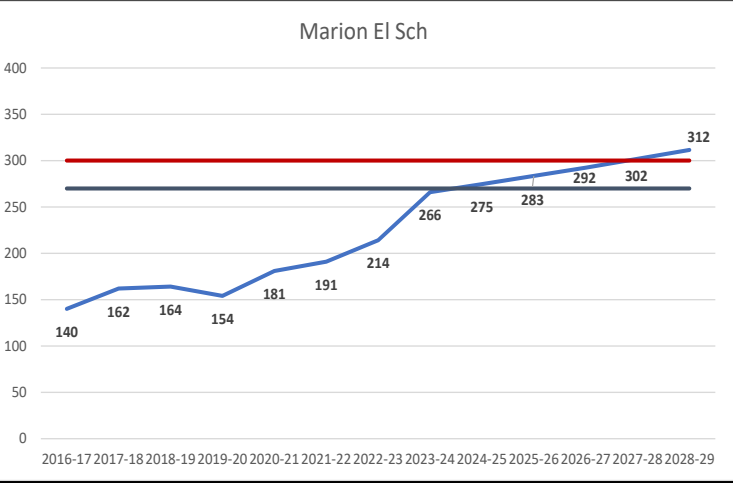
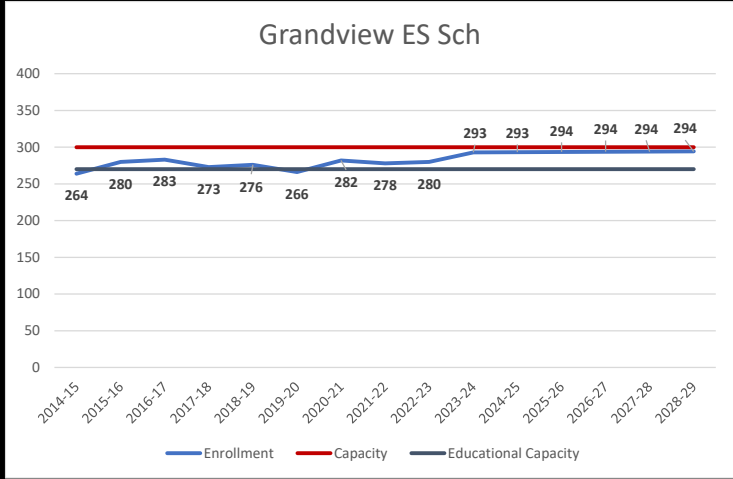
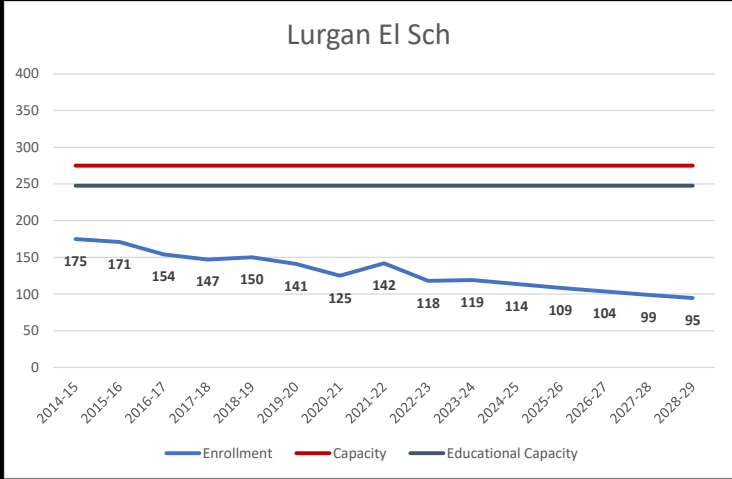
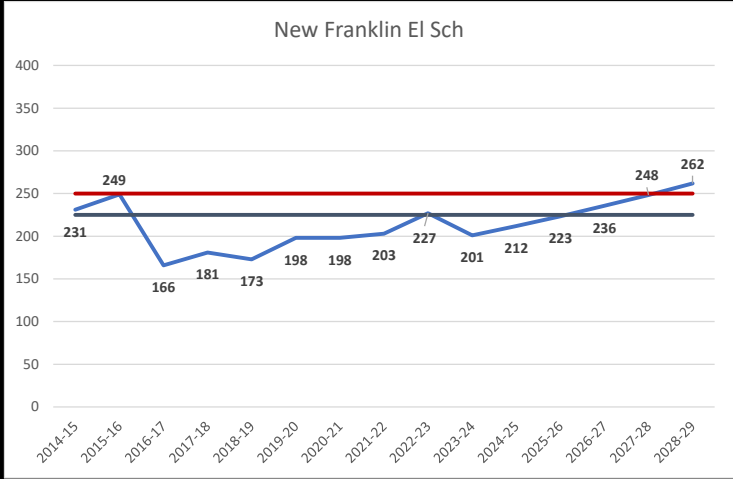
Capacities were calculated for each building in the school district using the PDE standard of 25 per classroom K-12.

Capacities were also calculated using the district standards of:

Grade Level(s)	Target
K:	22
1st and 2nd:	24
3rd to 5th:	28
6th to 8th:	28
9th to 12th:	28

Benjamin Chambers Elementary School		PDE Capacity Last Study:		725		
		2023/24 Enrollment:		564		
	Number of Rooms	PDE Capacity	PDE Total	District Capacity	District Total	
Pre-K						
PreK Classroom	1	0	0	0	0	
Kindergarten Classrooms						
Kindergarten Classrooms (Full Day)	4	25	100	22	88	
General Classrooms						
1st and 2nd Grade Classrooms +660 Sq. Ft.	9	25	225	24	216	
3rd and 4th Grade Classrooms +660 Sq. Ft.	8	25	200	26	208	
5th Grade Classrooms Classrooms +660 Sq. Ft.	4	25	100	28	112	
Other: (Listed as Empty)	2	25	50	28	56	
Art and Music Classrooms						
Art Classrooms	1	0	0	0	0	
Music Classrooms	1	0	0	0	0	
Band Room	0	0	0	0	0	
Chorus Room	0	0	0	0	0	
Orchestra Room	0	0	0	0	0	
Labs						
Computer/STEM Lab	1	0	0	0	0	
Special Ed. and Academic Support Classrooms						
Full Size Classrooms +660 Sq. Ft.	2	0	0	0	0	
Small Group Rooms						
Small Group Classrooms Regardless of Assignment <660 Sq. Ft.	5	0	0	0	0	
Small Group Classrooms Converted from Other Use <660 Sq. Ft.	3	0	0	0	0	
Support Spaces						
Library	1	0	0	0	0	
Multipurpose (Cafeteria/Gymnasium)	1	0	0	0	0	
Cafeteria	0	0	0	0	0	
Gymnasium	0	0	0	0	0	
Auditorium	0	0	0	0	0	
Large Group Instruction	0	0	0	0	0	
Total:			675		680	
Educational Capacity (90%):			608		612	
% Utilized 2023/24:			83.56%		82.94%	
Seats Remaining Until 90% of Capacity Reached			44		48	

Straight-Line Projections



Capacity, Current Enrollment, and Projected Enrollment

School	District Capacity	2023/23 Enrollment	Current % of District Capacity Utilized	2028/29 Straight Line Estimated Enrollment	2028/29 Straight Line % of Capacity Utilized
Andrew Buchanan El Sch	300	239	79.67%	236	78.67%
Benjamin Chambers El Sch	680	564	82.94%	583	85.74%
Falling Spring El Sch	300	242	80.67%	228	76.00%
Fayetteville El Sch	478	465	97.28%	377	78.87%
Grandview El Sch	300	293	97.67%	294	98.00%
Guilford Hills El Sch	300	176	58.67%	161	53.67%
Hamilton Heights El Sch	656	544	82.93%	549	83.69%
Lurgan El Sch	258	119	46.12%	95	36.82%
Marion El Sch	300	191	63.67%	312	104.00%
New Franklin El Sch	246	201	81.71%	262	106.50%
Scotland El Sch	474	438	92.41%	425	89.66%
South Hamilton El Sch	278	267	96.04%	262	94.24%
Thaddeus Stevens El Sch	372	305	81.99%	315	84.68%
Elementary Total:	4942	4044	81.83%	4099	82.94%
Chambersburg Area MS- North	1568	1050	66.96%	1443	92.03%
Chambersburg Area MS- South	1484	1084	73.05%	1084	73.05%
Middle School Total:	3052	2134	69.92%	2527	82.80%
Chambersburg Area Senior High School	2688	2324	86.46%	2335	86.87%
Chambersburg Area Career Magnet School	710	684	96.34%	684	96.34%
High School Total:	3398	3008	88.52%	3019	88.85%
District Total:	11392	9186	80.64%	9645	84.66%

These numbers will continue to be refined to best reflect the current use of instructional space based on educational programming, scheduling, and enrollment. However, areas that require additional focus during planning are becoming evident.

What's Next?

We remain on target for a fall completion of the study.

The next phases of the study focus on identifying the strategies and limits that a district can employ to improve academic programming while becoming more efficient. This includes:

- Vision for Educational Program
- Impact of Changing Demographics on Space
- Determine the best physical distribution of special education and support classes.
- Facility Conditions & Costs to Upgrade
- Option Development Based on Educational Vision, Enrollment, Changing Demographics, and Condition of Existing Facilities.