

# Green Bay Area Public Schools

Green Bay, WI

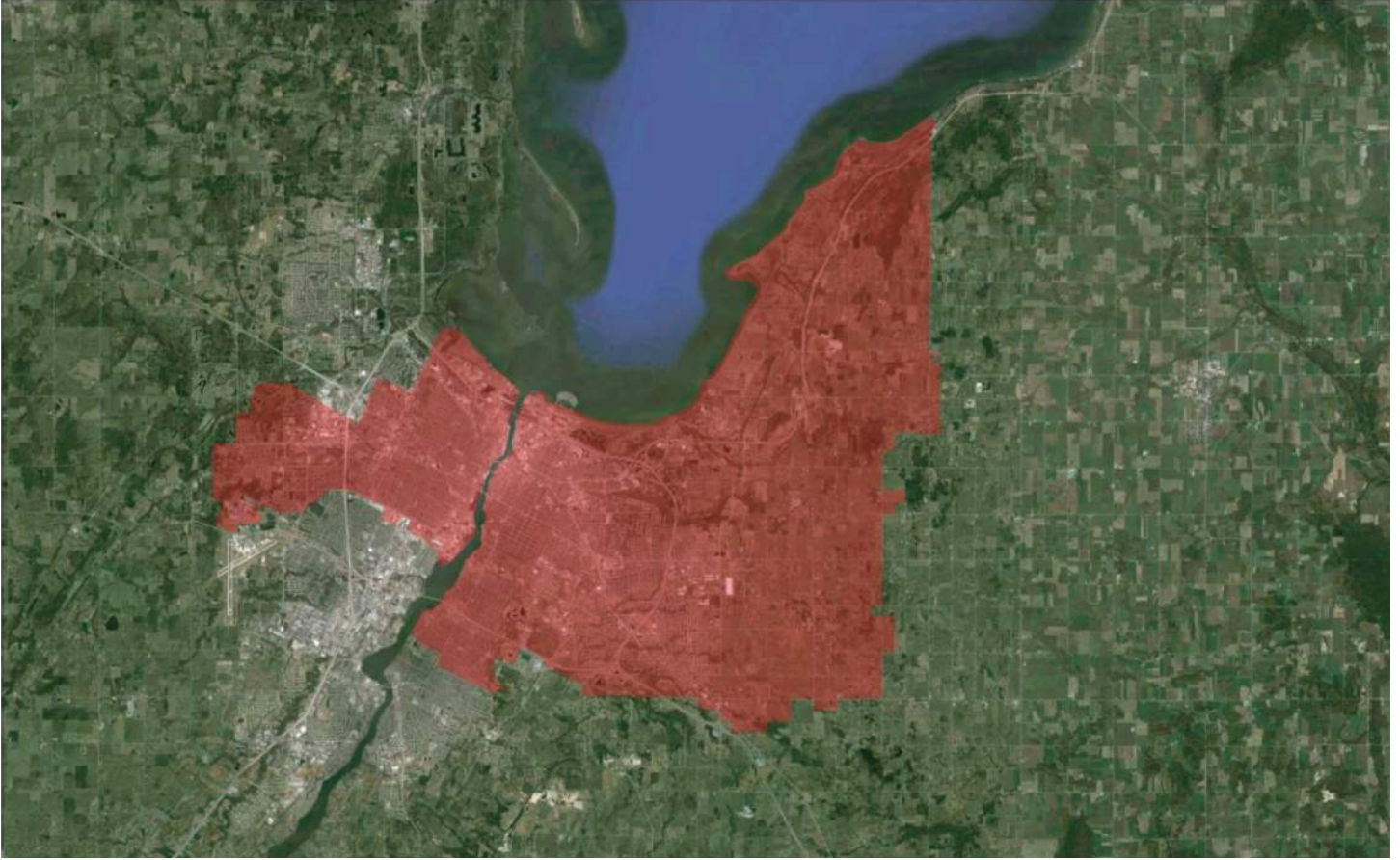
PRA Project #150218-01 | October, 2016





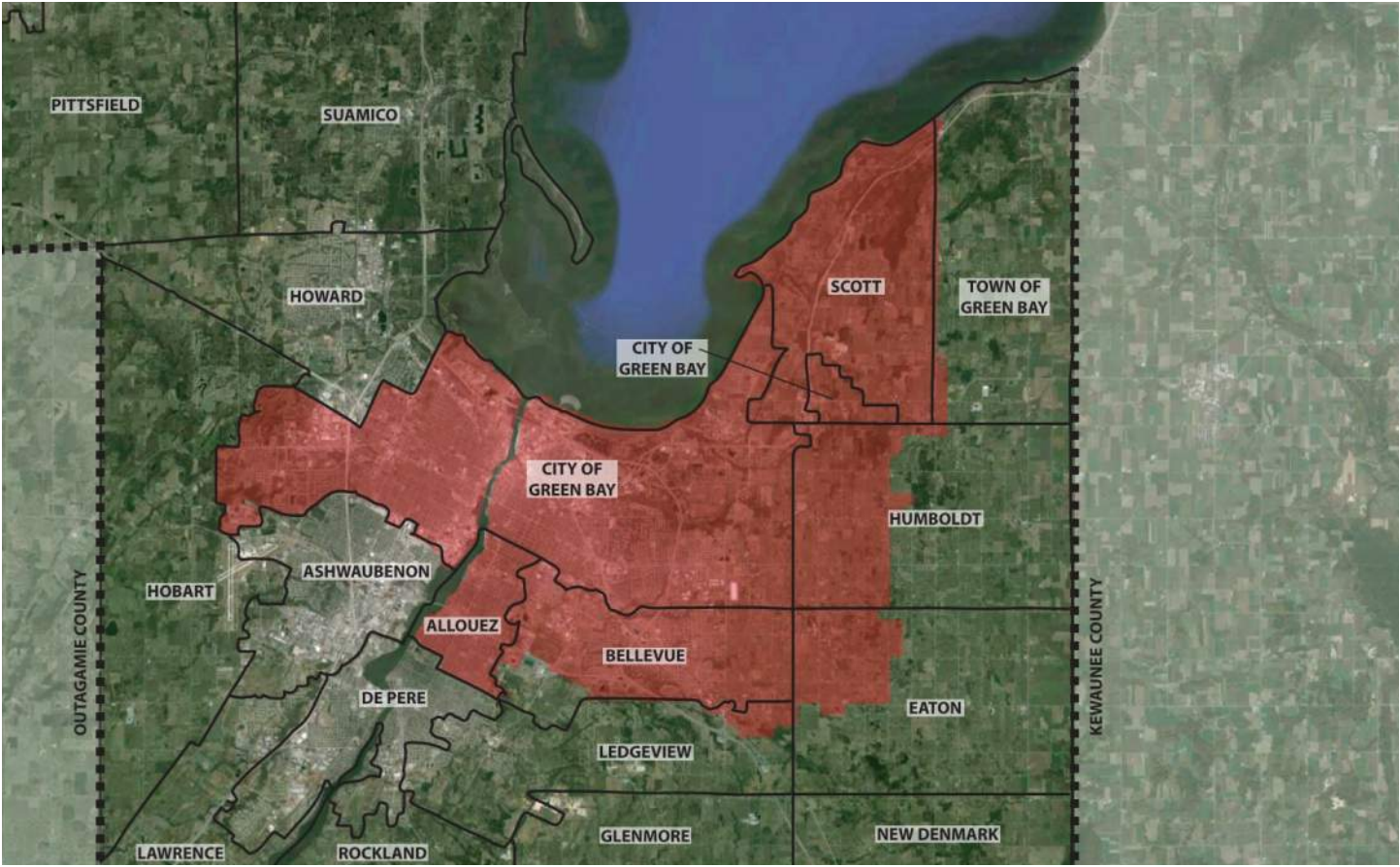
## Introduction



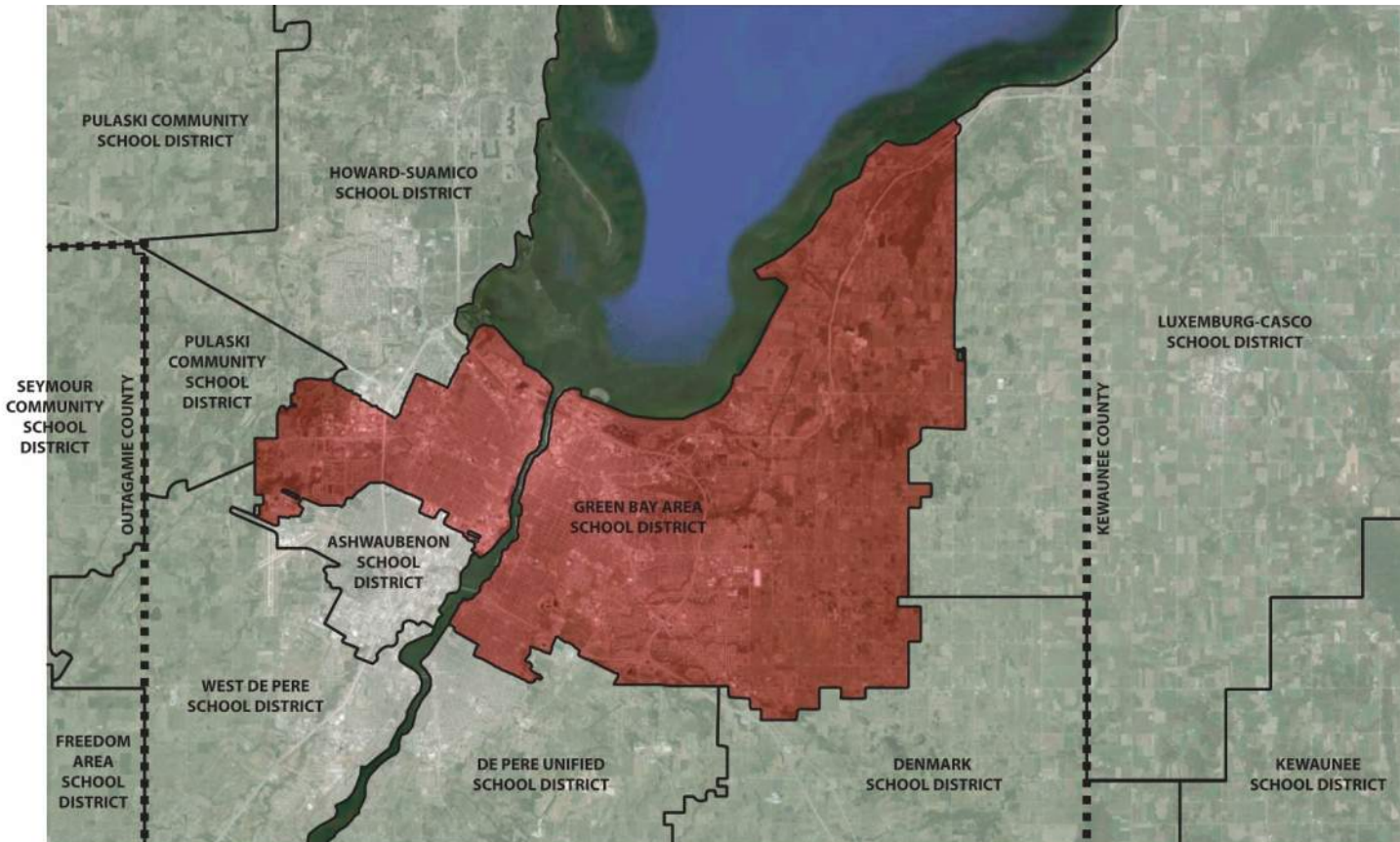


Green Bay Area Public Schools - Boundary



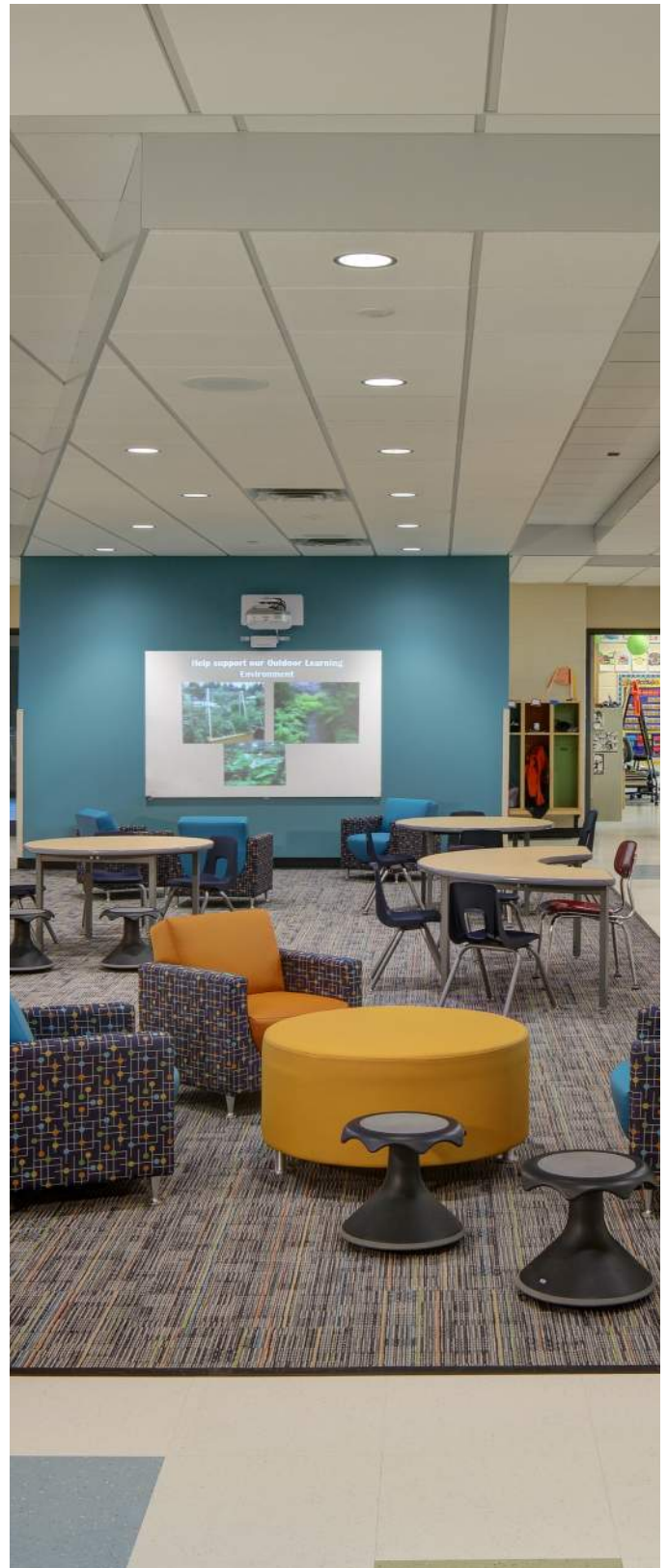


Brown County Municipalities



Regional School Districts

## Educational Space Analysis





## EDUCATIONAL SPACE ANALYSIS OVERVIEW

To confirm a sound basis for future facility planning, Plunkett Raysich Architects (PRA) has calculated the capacity of each educational facility for the Green Bay Area Public Schools. Historical enrollment data was provided by the District. Future enrollment projections were obtained from the Applied Population Laboratory report dated March 2016 provided by the District.

### Class Size

Per discussion with District Administration, the following maximum class size guidelines were provided for all grade levels:

<u>Grade</u>	<u>Student/Teach Ratio</u>
4K	22:1
Kindergarten	23:1
First – Fifth Grade	25:1
Sixth – Eighth Grade	28:1
Ninth – Twelfth Grade	28:1

Class size is fairly straightforward through elementary grades. A student spends the majority of his or her day in a single classroom. As a student's schedule becomes more complex and varied in the middle school and high school years, determining capacity becomes dependent on a variety of factors including the number of students a given program or facility can accommodate. The student/teacher ratios identified above for middle and high school are generally assumed for core curriculum subjects (math, English and social studies). Calculation tables for individual schools are included in the following report. Assumed class sizes for specialized programs are indicated.

### SAGE / AGR

GBAPS has been a participant in the Wisconsin Department of Education's Student Achievement Guarantee in Education or SAGE, program for the last five years. As a requirement of the program, participating schools were required to cap individual class sizes at lower levels than would otherwise be assigned for grades Kindergarten through Third. For those schools participating in the SAGE program, the following class size ratios are used for calculating capacity:

<u>Grade</u>	<u>Student/Teach Ratio</u>
4K	22:1
Kindergarten	18:1
First – Third Grade	18:1
Fourth – Fifth Grade	25:1

The schools that are SAGE participants are:

Danz Elementary  
Eisenhower Elementary  
Fort Howard Elementary  
Howe Elementary  
Jefferson Elementary  
Lincoln Elementary  
Nicolet Elementary  
Sullivan Elementary  
Tank Elementary

In 2015, the Wisconsin State Legislature enacted Acts 53 and 71 which will phase out the SAGE program statewide by the end of the 2017/2018 school year. In its place the two acts create the new Achievement Gap Reduction or AGR program which existing SAGE schools are eligible to transition to.

Unlike the former SAGE program, AGR participating schools may choose to implement one or more of the following strategies:

- Small class sizes of 18:1 or 30:2 and professional development related to small group instruction
- Data-driven instructional coaching for teachers
- Data-informed one-to-one tutoring for students at risk of difficulty with math or reading

Because smaller class size is not an absolute requirement as it was under the former program, District decisions regarding which strategies are implemented at which building will impact capacity and available seats. For purposes of this analysis, all former SAGE schools have been assumed to be continuing forward with smaller class sized, effectively maintaining lower building capacities at those schools.

### Determining Building Capacity

Building evaluations consider programming currently in place at each site and the availability of properly sized rooms to accommodate it. In many cases classes and services are housed in undersized or inappropriately configured spaces. Where this occurs, those spaces have been discounted from the available capacity calculation. Current enrollment has been identified for reference but



does not factor into any capacity calculations. Historical enrollment provided by the District is shown as a reference of past trends.

Two calculations are utilized to establish the functional capacity of an educational facility. The **“Maximum Capacity”** is the point where every teaching station in a building is theoretically utilized at maximum occupancy for the specified number of periods out of each day. At this point, the building does not have room to add students without exceeding class size limits. At elementary levels where students spend the majority of their day in a single classrooms, this calculation can be an effective way of monitoring building enrollment however, operating a building at this level will leave little to no scheduling flexibility for changes in student count.

The second approach to determining a functional building capacity is establishing a **“Target Capacity.”** This is the point where the building is functioning optimally as an educational facility. When a school exceeds this number, it is an indication that the District should be planning and preparing for the future of the facility or other facilities within the District before reaching the identified maximum capacity. To arrive at this number, an efficiency factor is applied to the Maximum Capacity number established previously.

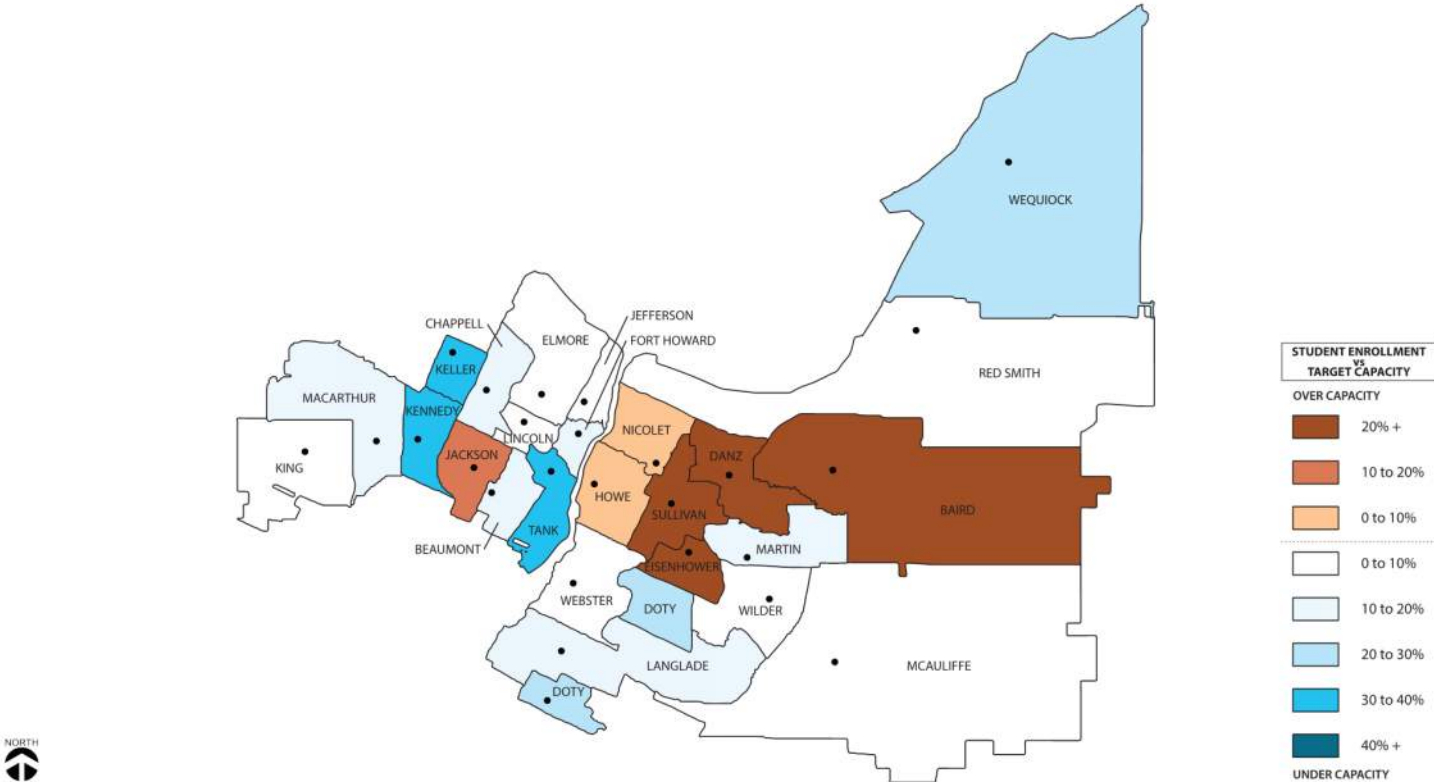
This analysis incorporates an operational **Efficiency Factor** based upon the grade levels that occupy each building. The Efficiency Factors utilized are as follows:

- Elementary Buildings (Grades 4K-5): 90%
- Middle School Buildings (Grades 6-8): 85%
- High School Buildings (Grades 9-12): 85%

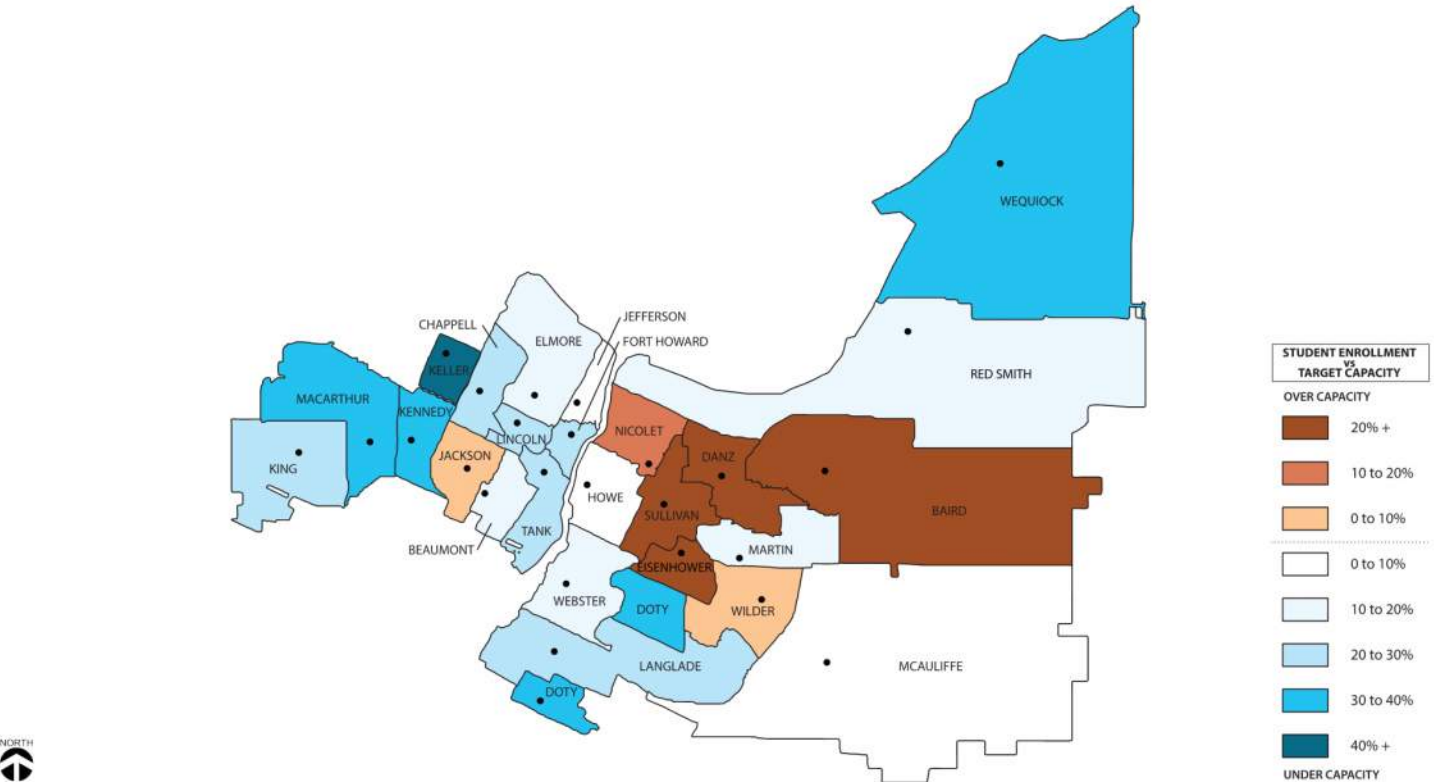
These Efficiency Factors are used to compensate for scheduling inefficiencies and variations in class size. Operating a facility at or below these levels allows for the availability of time and space in the building to support teacher preparation and tutoring activities, the flexibility to accommodate scheduling conflicts between events and classes and unscheduled special assistance to individual students or small groups of students.

GBAPS has some buildings that are K-8 schools. For these buildings, elementary capacity and middle school capacity are determined independently and then combined to establish a full building capacity number. As previously stated, current room utilization and assignment have been used to establish these numbers. If enrollment at either the elementary or middle school levels were to change, rooms could be assigned from one side to the other,

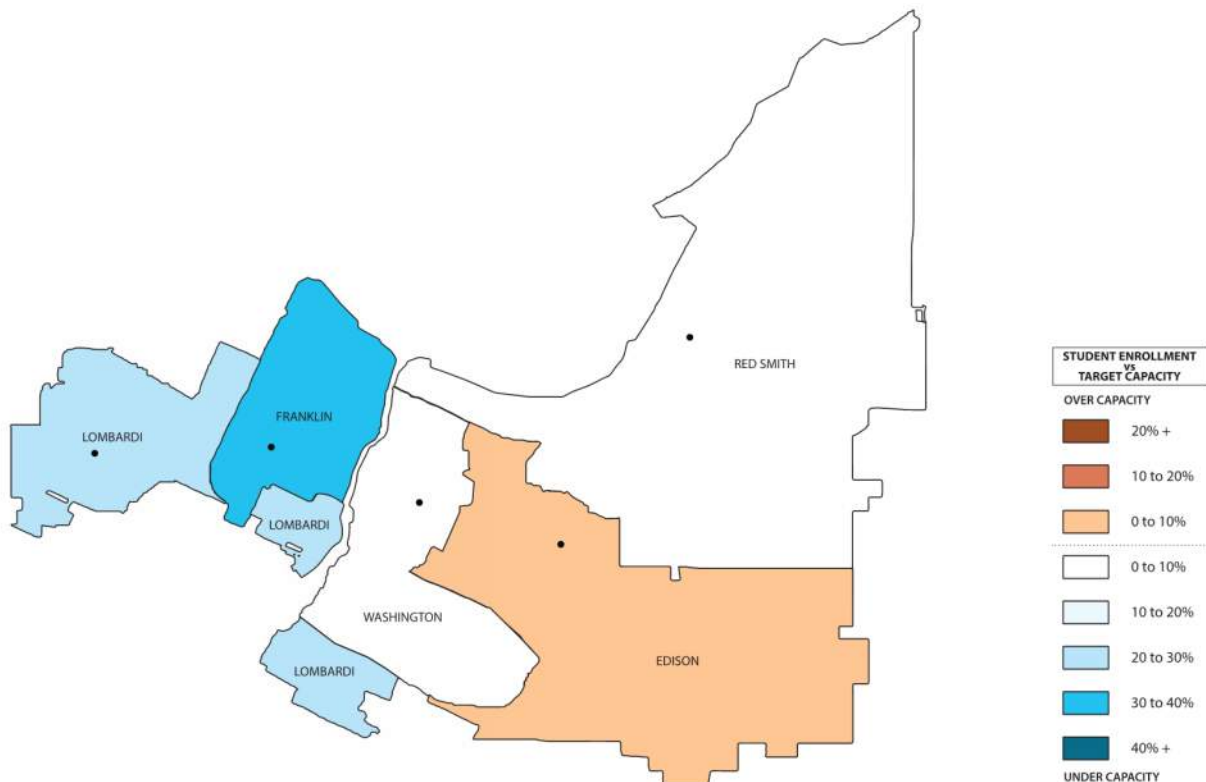
A final note regarding capacity; capacity determinations can be somewhat subjective and evolve over time. As space assignment and utilization changes over time, the number of students a building can accommodate can change. It is also important to note that buildings that may show above capacity enrollment are not necessarily poor educational environments. When a case of this nature is present, careful consideration should be given to what impacts on operational flexibility are present.



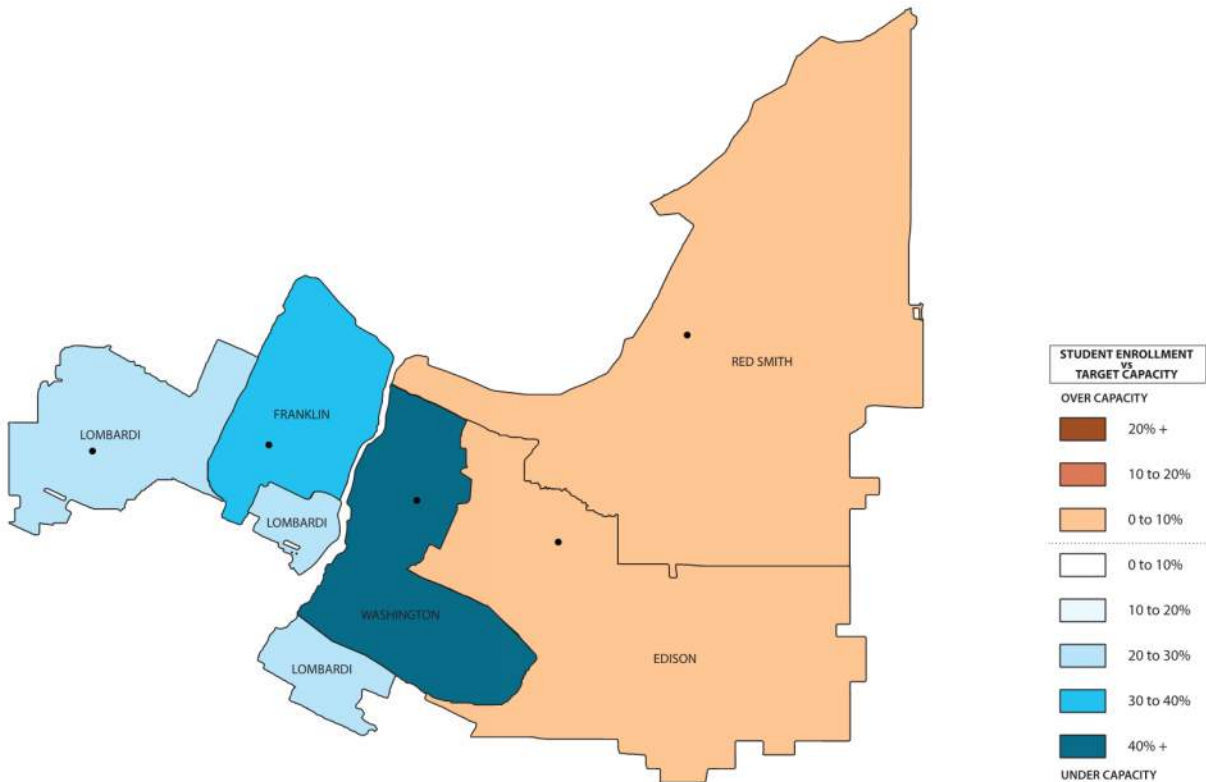
2016—2017 Elementary School Capacity



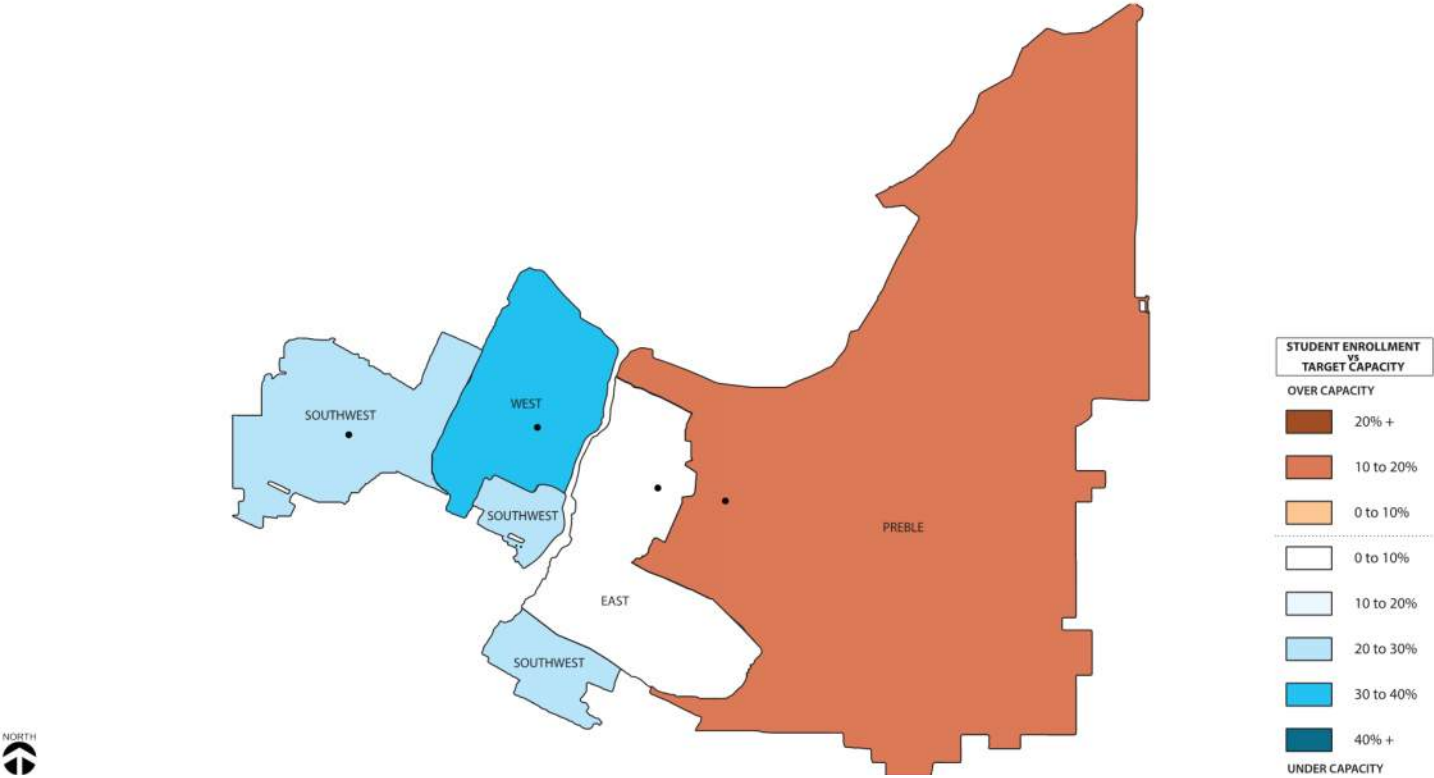
2021—2022 Elementary School Capacity



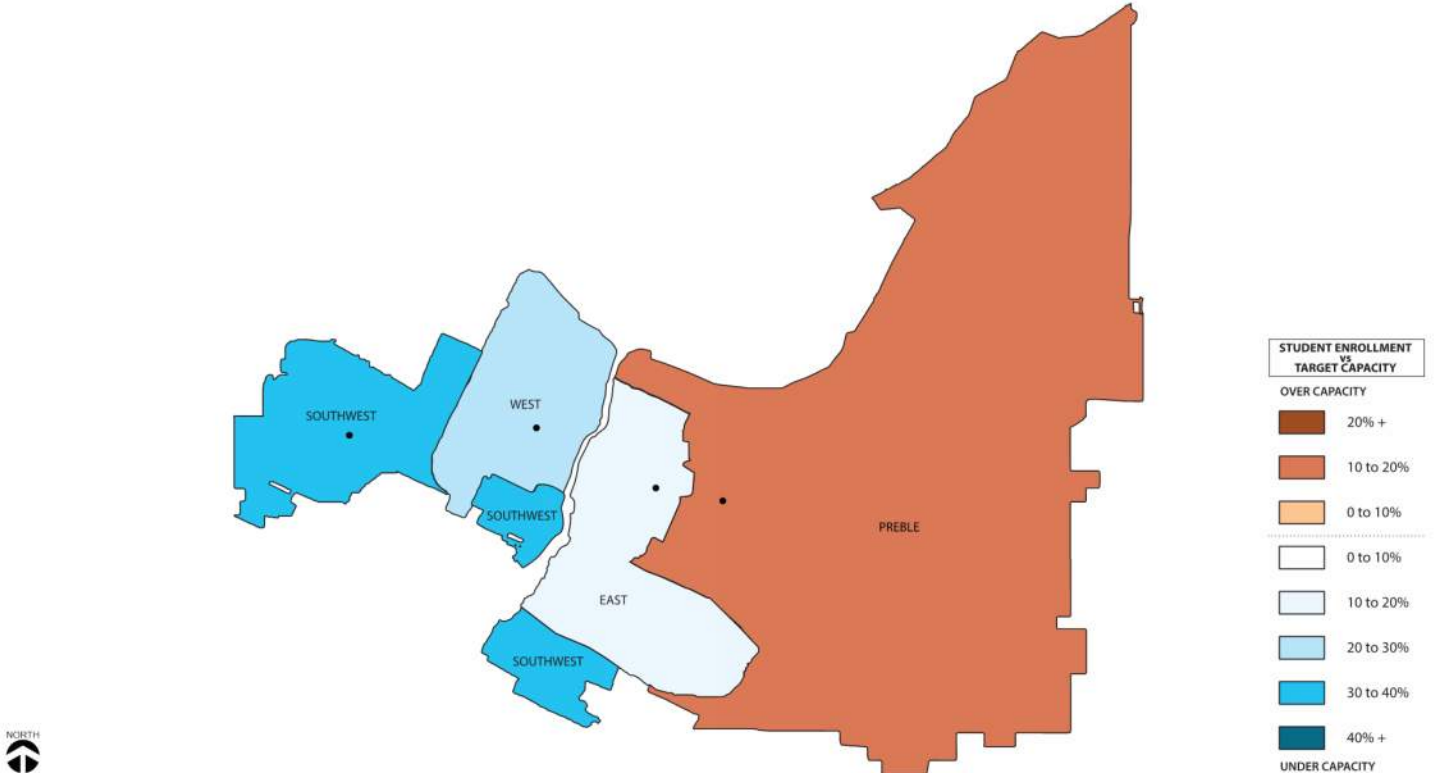
2016—2017 Middle School Capacity



2021—2022 Middle School Capacity



2016—2017 High School Capacity



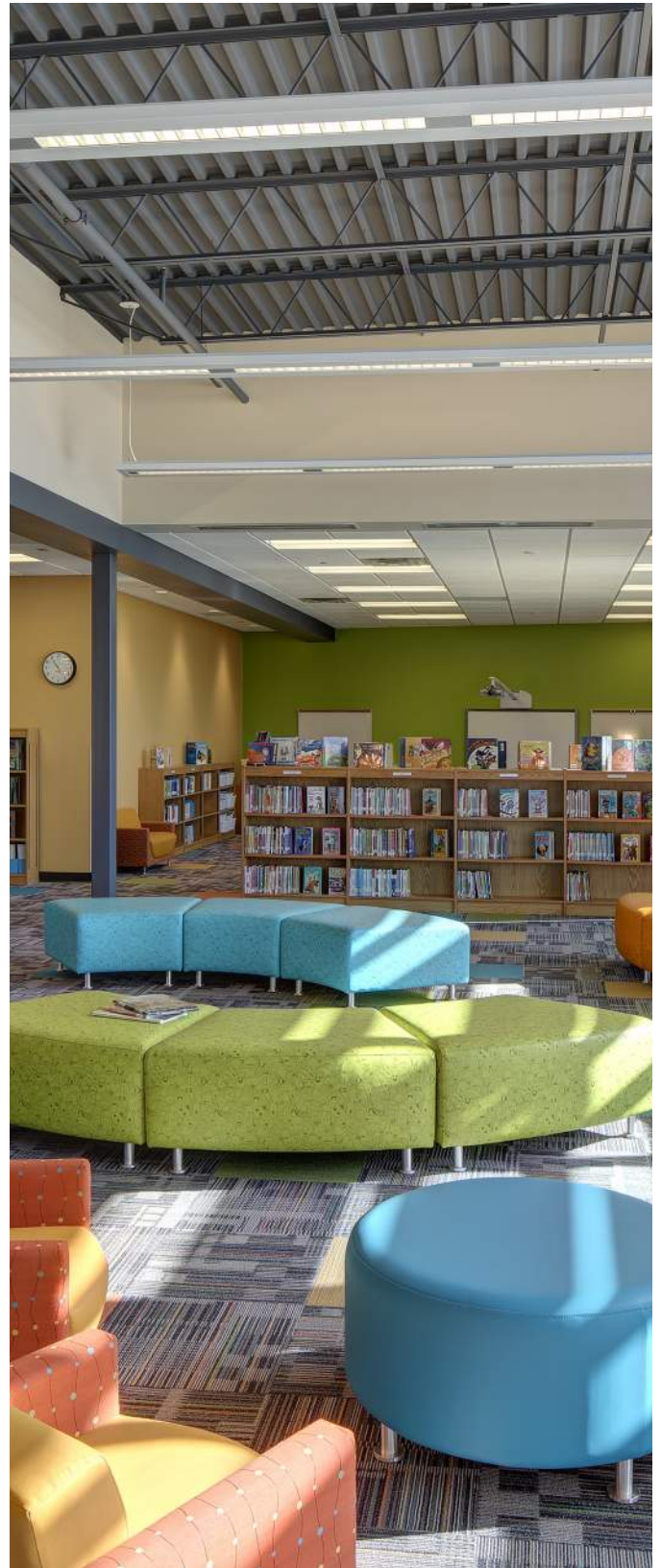
2021—2022 High School Capacity







## Elementary Schools - Educational Space Analysis







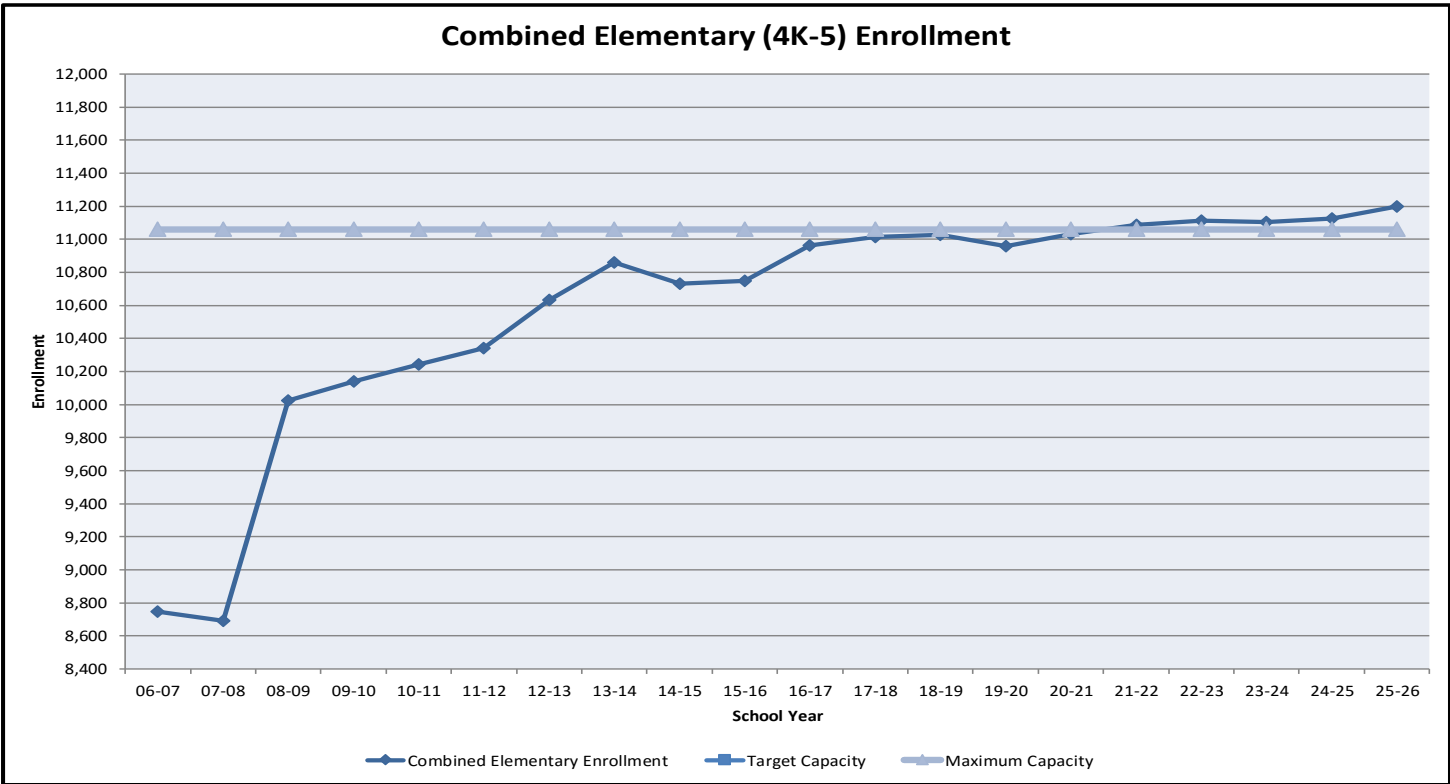
## Elementary School Capacity

To determine the capacity of an elementary building, the number classrooms currently available in a given building is multiplied by the number of students that can occupy that room per the District provided guidelines. The resultant calculation is then multiplied by the efficiency factor as described previously. In the case of elementary schools, this factor is 90%.

### Target Class Size Formula:

$$\text{Number of Classrooms Available} * \text{Class Size} = \text{Maximum Capacity}$$

$$\text{Number of Classrooms Available} * \text{Class Size} * 90\% \text{ (Efficiency Factor)} = \text{Target Capacity}$$



Data Source: Applied Population Labs Report Dated September 2016

As the previous chart indicates, the Green Bay Area Public School District has seen a relatively consistent growth in elementary enrollment over the past several years. That trend is projected to continue for the foreseeable future. It should be noted that beginning with the 2008-2009 school year, Four Year Old Kindergarten was added to the district which did result in a jump in the elementary enrollment numbers. Combined, the facilities currently being utilized for Grades Kindergarten through Fifth Grade are near the combined Maximum Capacity.

The following pages provide specific data for each elementary school with regards to historical and current enrollment data and the current building capacity. For

organizational purposes, those school that serve grades K-8 (Aldo, Da Vinci and Red Smith) have been included in the elementary schools section of this report and make note of both elementary and middle school capacities.

It should also be noted that while both Maximum and Target Capacities are provided for reference, the District has historically used the Maximum Capacity number for Elementary Schools when reviewing building enrollment.

## ALDO LEOPOLD SCHOOL

Current Enrollment: 546

Target Capacity: 543

Maximum Capacity: 616

### Summary

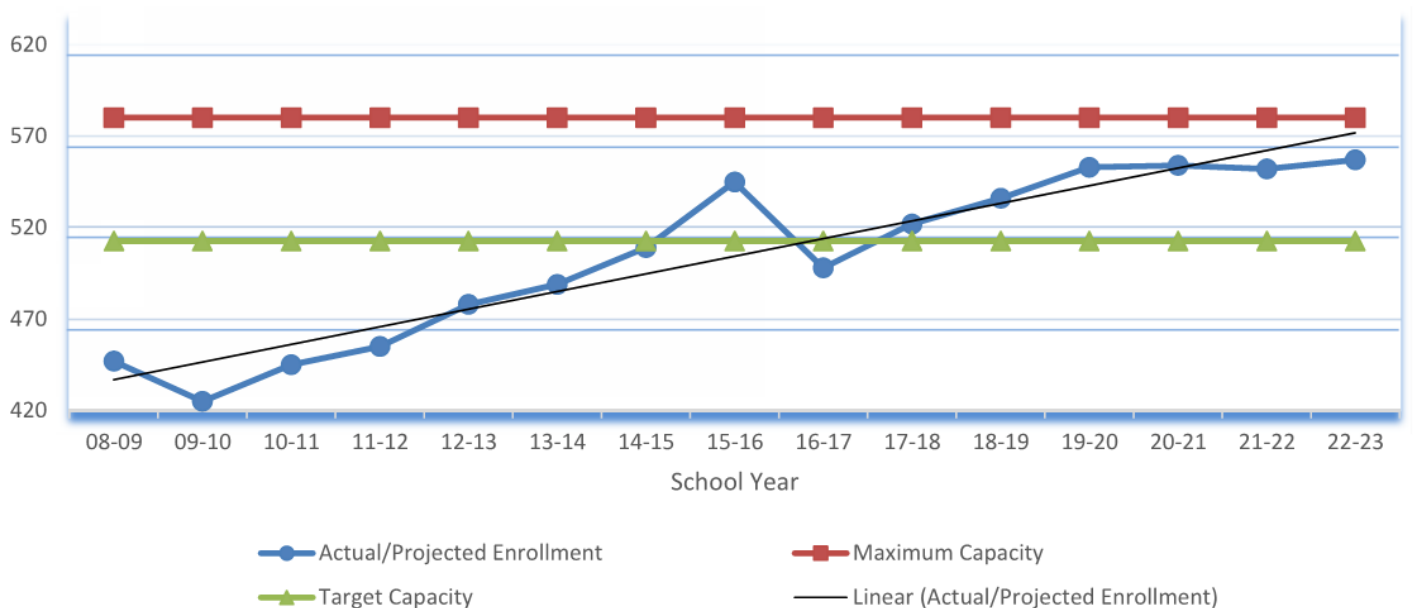
Aldo Leopold is a Four-Year-Old Kindergarten through Eighth Grade school that focuses on and environmental based curriculum. The school has seen relatively steady enrollment growth and is projected to continue growing into the future before leveling just above the Target Capacity.

Aldo students participate in many hand-on learning activities. While the building is large, it was originally constructed in 1910. Spaces generally lack the size and flexibility desired to optimally deliver the type of teaching and learning this school community engages in. Classrooms are typically undersized by current design standards with most just over 700 SF.

This building does have a dedicated student commons that is used throughout the day for various activities. The gymnasium is well sized and is also utilized heavily. After school care is provided by the YMCA in the gym. For students in the middle school years (Grades 6 – 8), Aldo does not offer the breadth of athletic facilities that other traditional middle schools in the District do.

Additional student collaboration and presentation space is desired to support the unique programming here. The library has been relocated to a space previously used a music / band instruction room.

Aldo Leopold K-8 Enrollment Projection



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Aldo Leopold School

### Gross Area of Building

Gross Area	86,939 GSF
Current Enrollment	392 Students
Area / Student	222 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	1			Half day students
4K	37	1	18.5	Two half day sessions per room
Kindergarten	63	3	21.0	
First Grade	55	3	18.3	Combined 1/2 Grade Classrooms
Second Grade	55	2	27.5	Combined 1/2 Grade Classrooms
Third Grade	60	3	20.0	Combined 3/4 Grade Classrooms
Fourth Grade	59	2	29.5	Combined 3/4 Grade Classrooms
Fifth Grade	47	2	23.5	
Totals	377	16		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	4K	22	22	19.8	19.8
3	Kindergarten	23	69	20.7	62.1
5	First/Second Grade	25	125	22.5	112.5
5	Third/Fourth	25	125	22.5	112.5
2	Fifth Grade	25	50	22.5	45.0
16	Total Classrooms		391		351.9
			Maximum Capacity		Target Capacity
			391		352
	Current Enrollment		392		392
	Availability Capacity		-1		-40

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	333	364	392	354	357	356	359	360	351	354	353	354
Maximum Capacity	391	391	391	391	391	391	391	391	391	391	391	391
Target Capacity	352	352	352	352	352	352	352	352	352	352	352	352
Maximum Capacity (Over)/Under	58	27	(1)	37	34	35	32	31	40	37	38	37
Target Capacity (Over)/Under	19	(12)	(40)	(2)	(5)	(4)	(7)	(8)	1	(2)	(1)	(2)

## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Aldo Leopold School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Sixth Grade	52
Seventh Grade	43
Eighth Grade	55
Total	150

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
5	6/7/8 Grade Classrooms	7	6	86%	28	120	85%	102
<b>5 Core Classroom Sub-Total</b>						<b>120</b>		<b>102</b>
2	Phy-ed Stations	7	3	43%	28	24	85%	20
1	FACE	7	2	29%	28	8	85%	7
1	Tech Ed Stations	7	2	29%	28	8	85%	7
1	Art	7	3	43%	28	12	85%	10
1	Choir	7	2	29%	30	9	85%	7
1	Music	7	2	29%	30	9	85%	7

Building Capacity  
Current Enrollment  
**Available Capacity**

Maximum Capacity
189
153
<b>36</b>

Target Capacity
161
153
<b>8</b>

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	133	125	128	132	131	156	145	153	144	165	180	194	194	201	203
Maximum Capacity	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
Target Capacity	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161
Maximum Capacity (Over)/Under	56	64	61	57	58	33	44	36	45	24	9	(5)	(5)	(12)	(14)
Target Capacity (Over)/Under	28	36	33	29	30	5	16	8	17	(4)	(19)	(33)	(33)	(40)	(42)





## BAIRD ELEMENTARY

Current Enrollment: 441 (Including 5K students currently attending Froebel)

Target Capacity: 266

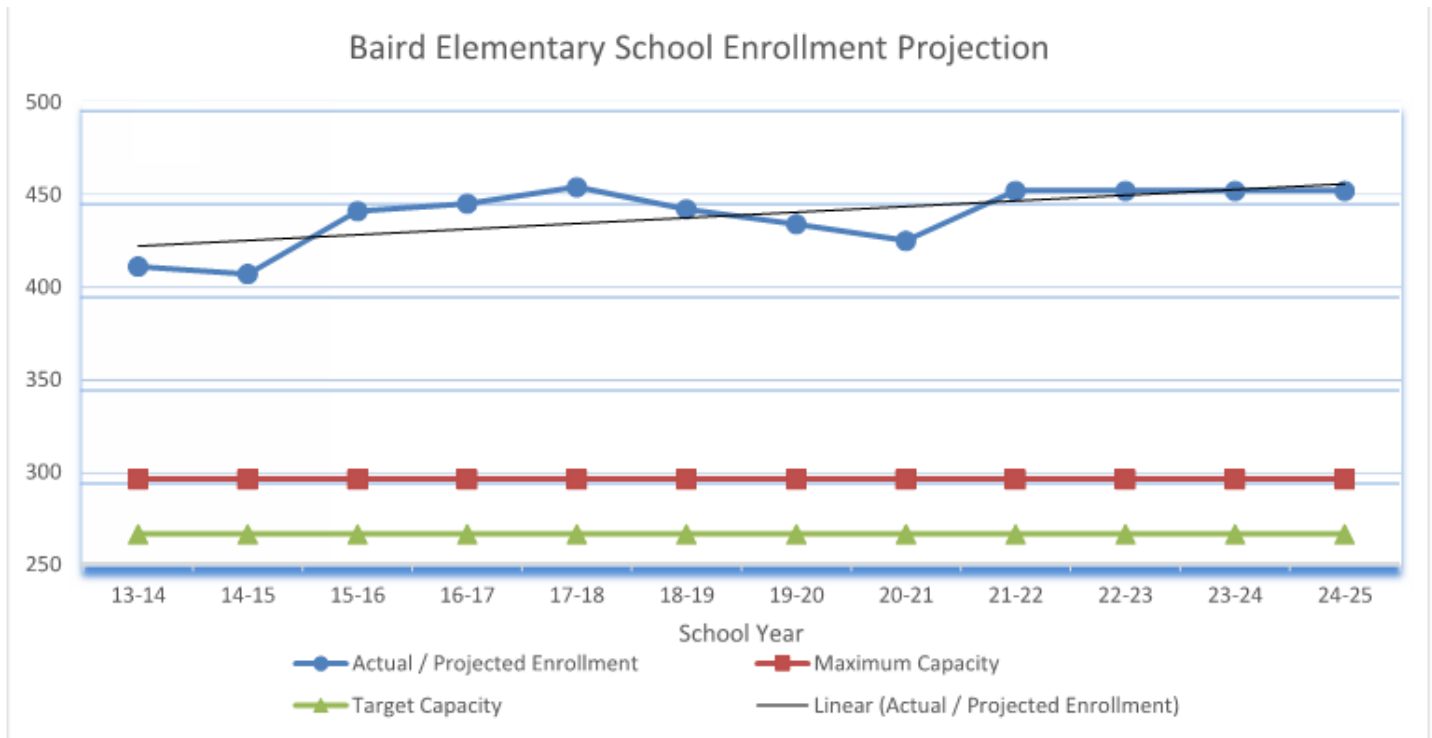
Maximum Capacity: 296

### SUMMARY

Enrollment at Baird Elementary is significantly above its maximum capacity and is projected to remain steady for the foreseeable future. All 4K students and two classes of Kindergarten students are accommodated at Froebel ELC due to lack of available space. Several spaces being utilized as classrooms are significantly undersized and inefficient in layout.

Baird Elementary was originally built as an “open concept” school. Its spatial organization is that of hexagonal pods arranged around central toilet rooms and coat hooks. The building has been divided into more traditional classroom spaces but the geometry of the original structure results in uneven sized and oddly shaped rooms. Scheduling within this building is difficult as a result of the poorly shaped and organized learning spaces.

The building does not have a dedicated student commons (cafeteria) and must use the gymnasium for serving lunch. Music education is not well accommodated. The current music room is only 355 SF. Fifth Grade Band is taught in the art room with instrument storage in a side corner. The art room also is used during the summer as a park shelter requiring materials stored in the room to be removed for the season.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Baird Elementary

### Gross Area of Building

Gross Area	45,110 GSF	
Total Current 5K-5 Enrollment	441 Students	(Note 92 students currently enrolled at Baird attend class at Froebel)
Area / Student	102 GSF	

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	1	0		Half Day Student
4K	0	0		4K students at Froebel
Kindergarten	42	2	21.0	Some KG students at Froebel
First Grade	76	4	19.0	Undersized rooms currently assigned
Second Grade	71	4	17.8	Undersized rooms currently assigned
Third Grade	80	4	20.0	Undersized rooms currently assigned
Fourth Grade	63	3	21.0	1 GR. 4/5
Fifth Grade	62	2	31.0	
Totals	395	19		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
2	Kindergarten	23	46	20.7	41.4
2	First Grade	25	50	22.5	45.0
2	Second Grade	25	50	22.5	45.0
2	Third Grade	25	50	22.5	45.0
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
12	Total Classrooms		296		266.4
			Maximum Capacity		Target Capacity
			296		266
	Current Enrollment (Excludes Students at Froebel)		395		395
	<b>Availability Capacity</b>		<b>-99</b>		<b>-129</b>

### Enrollment Projection

School Year	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	411	407	441	445	454	442	434	425	452	452	452	452
Maximum Capacity	296	296	296	296	296	296	296	296	296	296	296	296
Target Capacity	266	266	266	266	266	266	266	266	266	266	266	266
Maximum Capacity (Over)/Under	(115)	(111)	(145)	(149)	(158)	(146)	(138)	(129)	(156)	(156)	(156)	(156)
Target Capacity (Over)/Under	(145)	(141)	(175)	(179)	(188)	(176)	(168)	(159)	(186)	(186)	(186)	(186)

## BEAUMONT ELEMENTARY

Current Enrollment: 328

Target Capacity: 331

Maximum Capacity: 368

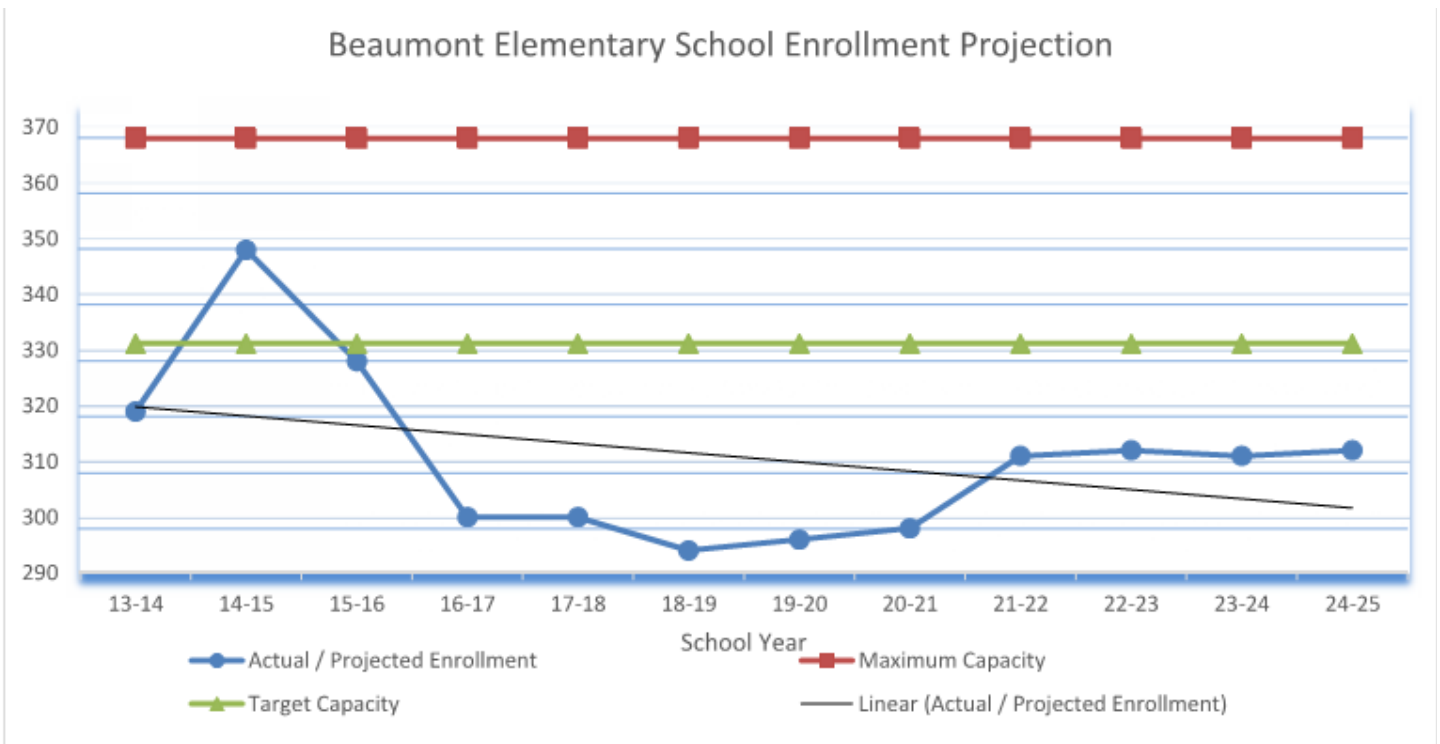
### SUMMARY

Enrollment at Beaumont Elementary currently below its maximum capacity and is projected to slowly decline over the coming years. This school currently houses 4K students. Approximately 55% of students are eligible for free or reduced lunch.

No dedicated student commons (cafeteria) is present. The breakfast and lunch are served in the gymnasium. Due to current enrollment, this arrangement is reported to be working with scheduling.

Classrooms in this building are generally appropriately sized for their functions.

Beaumont serves a growing number of students with a variety of special needs. Spaces currently utilized to meet these needs were not designed for their current purposes. It was noted during our school tour that OT programming does not have a dedicated room, the school psychologist works from a former closet space and students heading to Speech need to travel through a Kindergarten classroom.





## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Beaumont Elementary

### Gross Area of Building

Gross Area	47,079 GSF
Current Enrollment	328 Students
Area / Student	144 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	1	1		Half day student
4K	38	1	19.0	Two half day sessions per room
Kindergarten	39	2	19.5	
First Grade	48	2	24.0	
Second Grade	49	2	24.5	
Third Grade	57	3	19.0	
Fourth Grade	52	3	17.3	
Fifth Grade	41	2	20.5	
Totals	325	15		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	4K	22	22	19.8	19.8
2	Kindergarten	23	46	20.7	41.4
2	First Grade	25	50	22.5	45.0
2	Second Grade	25	50	22.5	45.0
3	Third Grade	25	75	22.5	67.5
3	Fourth Grade	25	75	22.5	67.5
2	Fifth Grade	25	50	22.5	45.0
15	Total Classrooms		368		331.2
			Maximum Capacity		Target Capacity
			368		331
	Current Enrollment		328		328
	Availability Capacity		40		3

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	319	348	328	300	300	294	296	298	311	312	311	312
Maximum Capacity	368	368	368	368	368	368	368	368	368	368	368	368
Target Capacity	331	331	331	331	331	331	331	331	331	331	331	331
Maximum Capacity (Over)/Under	49	20	40	68	68	74	72	70	57	56	57	56
Target Capacity (Over)/Under	12	(17)	3	31	31	37	35	33	20	19	20	19

## CHAPPELL ELEMENTARY

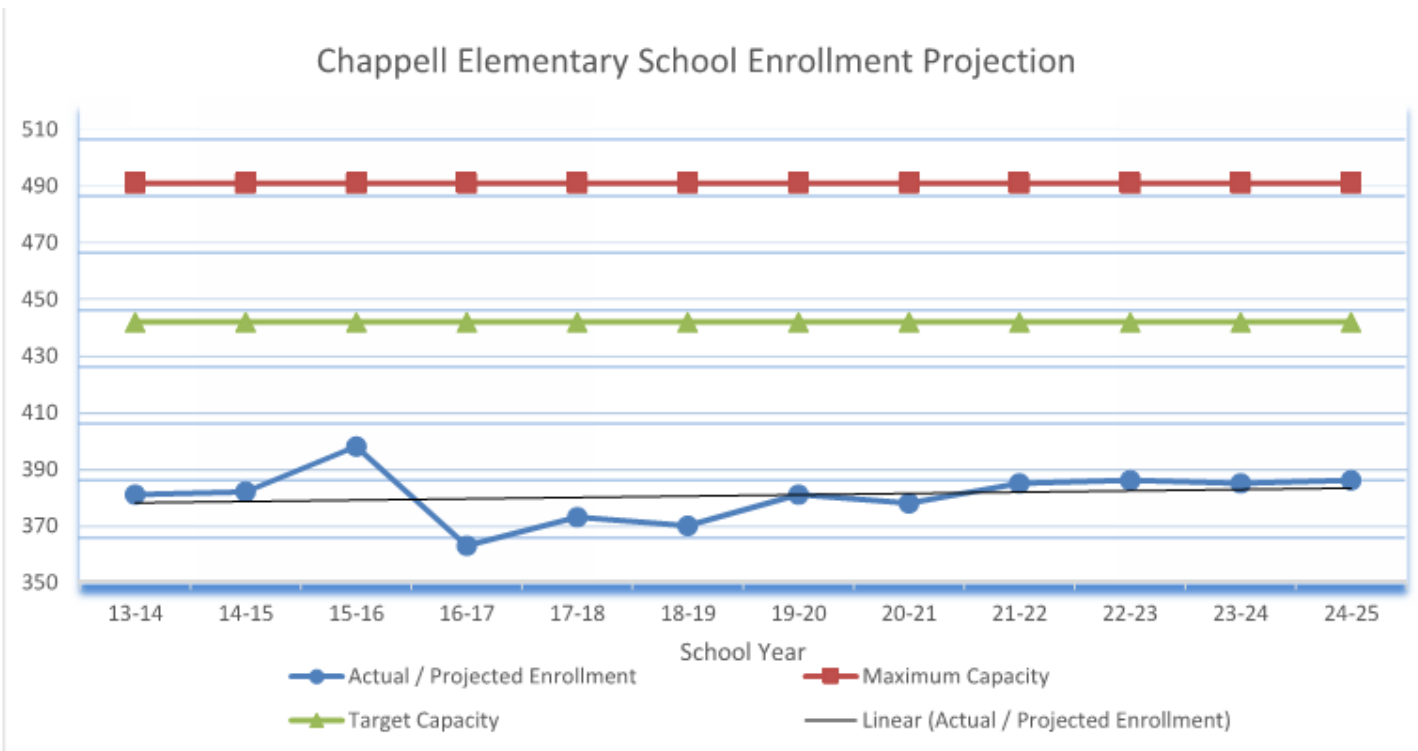
Current Enrollment: 398  
 Target Capacity: 442  
 Maximum Capacity: 491

### SUMMARY

Enrollment at Beaumont Elementary currently below its maximum capacity and is projected to remain relatively flat for the foreseeable future. Approximately 65% of students are eligible for free or reduced lunch. A recently completed addition to the building has increased the available capacity at this school.

Chappell Elementary is currently the only elementary school in the District modeled on the International Baccalaureate program. The school follows a collaborative approach to teaching and learning between grade levels to coordinate curriculum and group students.

An addition to the building has recently been completed which added Kindergarten rooms, a music room, an art room and a new IMC. This building does not have dedicated student commons (cafeteria). Classroom spaces in this building are generally appropriately sized for their functions.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Chappell Elementary

### Gross Area of Building

Gross Area	42,347 GSF
Current Enrollment	398 Students
Area / Student	106 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	35	1	17.5	Two half day sessions per room
Kindergarten	63	3	21.0	
First Grade	69	3	23.0	
Second Grade	50	3	16.7	
Third Grade	65	3	21.7	
Fourth Grade	54	3	18.0	
Fifth Grade	45	2	22.5	
Totals	381	18		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
2	Open	25	50	22.5	45.0
1	4K	22	22	19.8	19.8
3	Kindergarten	23	69	20.7	62.1
3	First Grade	25	75	22.5	67.5
3	Second Grade	25	75	22.5	67.5
3	Third Grade	25	75	22.5	67.5
3	Fourth Grade	25	75	22.5	67.5
2	Fifth Grade	25	50	22.5	45.0
18	Total Classrooms		491		441.9
			Maximum Capacity		Target Capacity
			491		442
	Current Enrollment		398		398
	Availability Capacity		93		44

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	381	382	398	363	373	370	381	378	385	386	385	386
Maximum Capacity	491	491	491	491	491	491	491	491	491	491	491	491
Target Capacity	442	442	442	442	442	442	442	442	442	442	442	442
Maximum Capacity (Over)/Under	110	109	93	128	118	121	110	113	106	105	106	105
Target Capacity (Over)/Under	61	60	44	79	69	72	61	64	57	56	57	56

## DANZ ELEMENTARY

Current Enrollment: 463 (Including 5K students currently attending ELC)

Target Capacity: 329

Maximum Capacity: 366

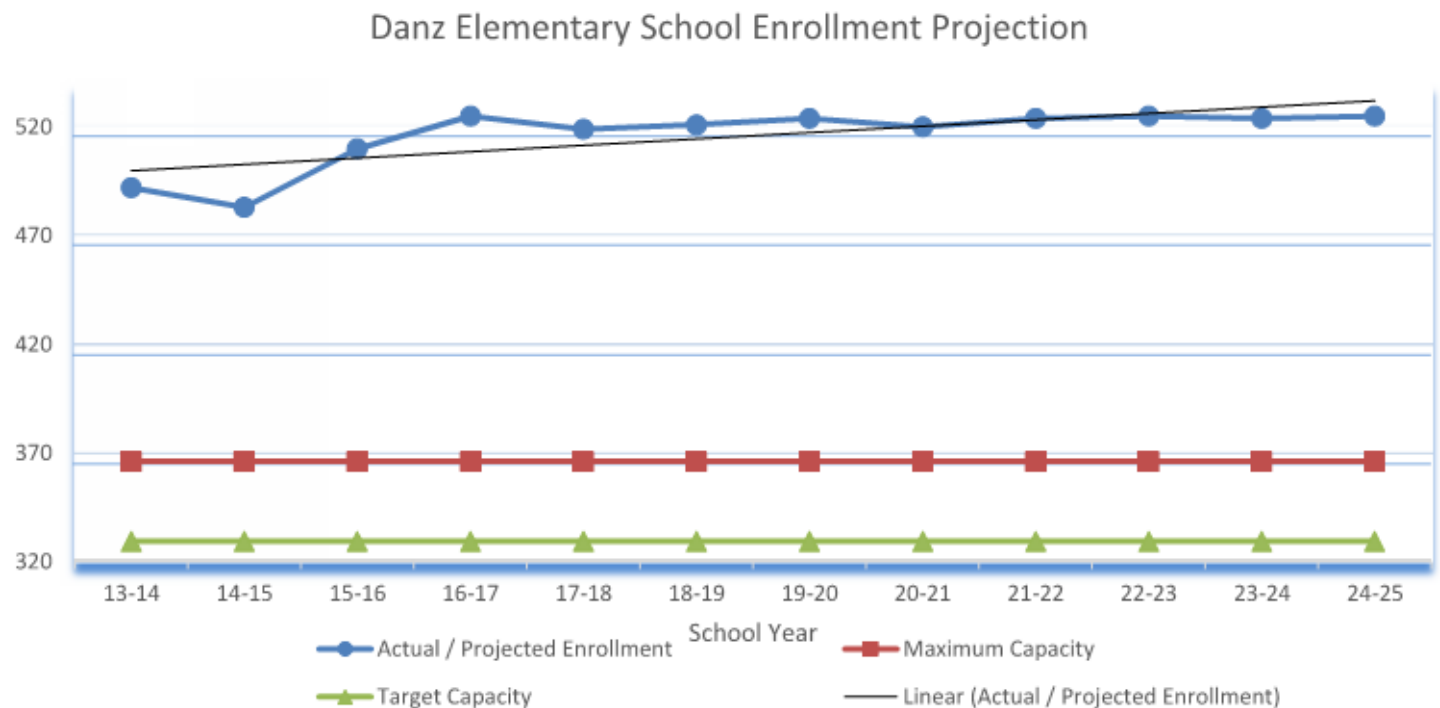
### SUMMARY

Enrollment at Danz Elementary is currently well beyond its maximum capacity. Enrollment is projected to remain relatively steady over the coming years. This school currently does not accommodate 4K students. Early Childhood programming was relocated from this school to the Early Learning Center. Some kindergarten students also attend the Early Learning Center due to lack of space but are included in the chart below and the enrollment projection numbers on following page. Approximately 90% of students are eligible for free or reduced lunch. This is an AGR participating school.

This school serves a diverse population and accommodates many different community needs. Two way bilingual programming is offered at Danz with some students open enrolling into the school for this opportunity. The oral health partnership utilizes space in the building but desires a dedicated space for serving students.

Danz has a dedicated student commons (cafeteria). The current front entry is not clearly defined and is confusing to visitors. The gymnasium is small for a school serving this number of students.

Classrooms in this building are generally appropriately sized for their functions.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Danz Elementary

### Gross Area of Building

Gross Area	63,384 GSF	
Total Current 5K-5 Enrollment	510 Students	(Note 112 students currently enrolled at Danz attend class at ELC)
Area / Student	124 GSF	

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	3	0		Half day students
4K	0	0		4K Students at ELC
Kindergarten	35	2	17.5	SAGE/AGR, Some KG students at ELC
First Grade	94	5	18.8	SAGE/AGR
Second Grade	84	5	16.8	SAGE/AGR
Third Grade	87	5	17.4	SAGE/AGR
Fourth Grade	93	5	18.6	
Fifth Grade	66	3	22.0	
Totals	462	25		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
3	Kindergarten	18	54	16.2	48.6
3	First Grade	18	54	16.2	48.6
3	Second Grade	18	54	16.2	48.6
3	Third Grade	18	54	16.2	48.6
3	Fourth Grade	25	75	22.5	67.5
3	Fifth Grade	25	75	22.5	67.5
18	Total Classrooms		366		329.4
			Maximum Capacity		Target Capacity
			366		329
	Current Enrollment (Excludes Students at ELC)		462		462
	Availability Capacity		-96		-133

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	492	483	510	525	519	521	524	520	524	525	524	525
Maximum Capacity	366	366	366	366	366	366	366	366	366	366	366	366
Target Capacity	329	329	329	329	329	329	329	329	329	329	329	329
Maximum Capacity (Over)/Under	(126)	(117)	(144)	(159)	(153)	(155)	(158)	(154)	(158)	(159)	(158)	(159)
Target Capacity (Over)/Under	(163)	(154)	(181)	(196)	(190)	(192)	(195)	(191)	(195)	(196)	(195)	(196)



## LEONARDO DA VINCI ELEMENTARY (K-8)

Current Enrollment (K-8): 249

Target Capacity (K-8): 323

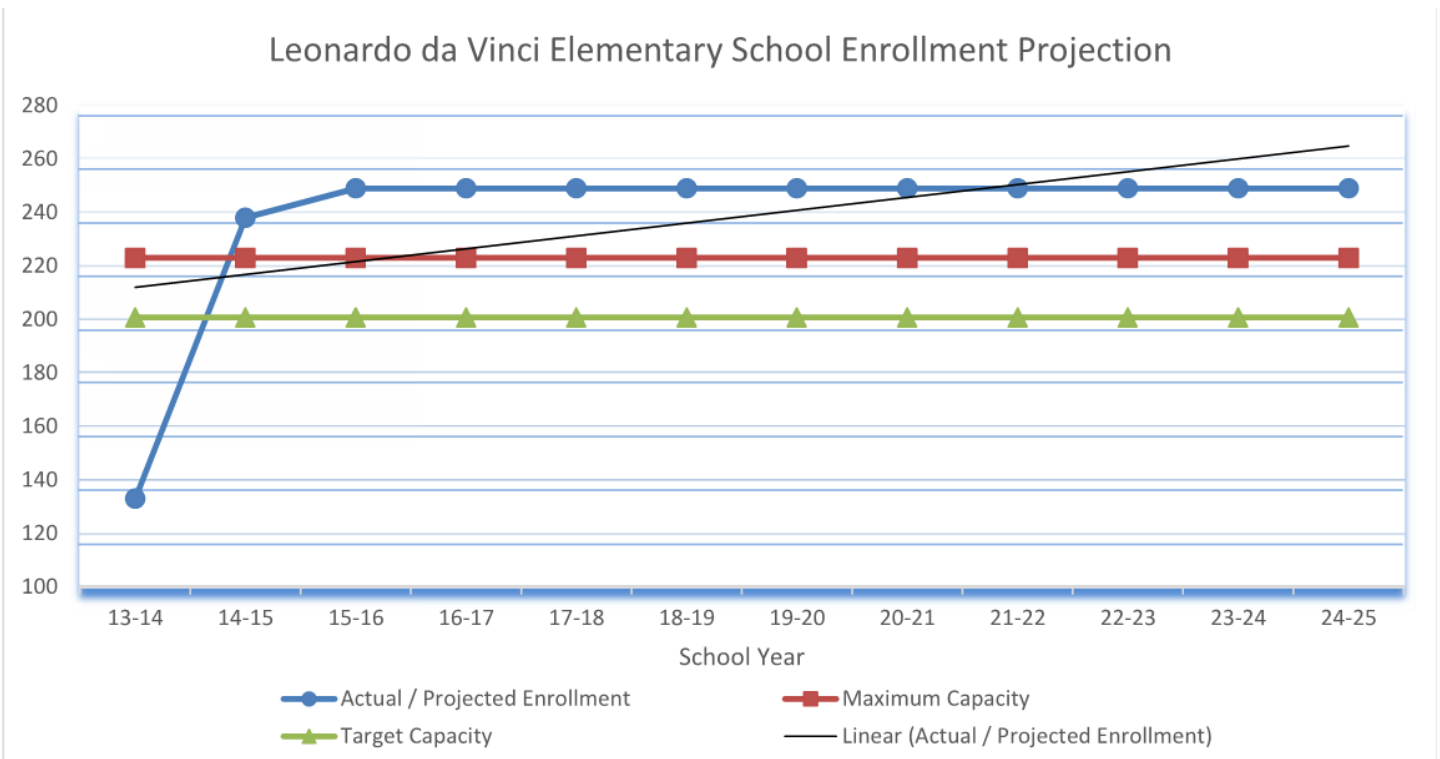
Maximum Capacity (K-8): 367

### SUMMARY

Da Vinci School serves as a gifted and talented program based school. Students attend this building from around the District and from other neighboring districts through open enrollment. Da Vinci was started four years ago and has grown to its full building capacity quickly. Grades Kindergarten through Eighth are housed here.

A substantial renovation and expansion project was recently completed that fully modernized this building. This building offers elements of flexible and collaborative learning environments that would be part of a modern school building. While a dedicated student commons (cafeteria) is not present, the gymnasium reportedly does work well for the number of students the building serves.

Enrollment at Da Vinci is currently near its target capacity. Because this is not a neighborhood school and students must be admitted to the program, future capacity is not necessarily an issue however, the potential demand for enrollment slots may outpace the availability of openings due to space limitations.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Leonardo da Vinci School (K-5)

### Gross Area of Building

Gross Area	45,000 GSF
Current Enrollment	249 Students
Area / Student	181 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
Kindergarten		1		
First Grade		2		
Second Grade		2		
Third Grade		2		
Fourth Grade		1		
Fifth Grade		1		
Totals		9		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	Kindergarten	23	23	20.7	20.7
2	First Grade	25	50	22.5	45.0
2	Second Grade	25	50	22.5	45.0
2	Third Grade	25	50	22.5	45.0
1	Fourth Grade	25	25	22.5	22.5
1	Fifth Grade	25	25	22.5	22.5
9	Total Classrooms		223		200.7
			Maximum Capacity		Target Capacity
			223		201
	Current Enrollment		249		249
	Availability Capacity		-26		-48

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	133	238	249	249	249	249	249	249	249	249	249	249
Maximum Capacity	223	223	223	223	223	223	223	223	223	223	223	223
Target Capacity	201	201	201	201	201	201	201	201	201	201	201	201
Maximum Capacity (Over)/Under	90	(15)	(26)	(26)	(26)	(26)	(26)	(26)	(26)	(26)	(26)	(26)
Target Capacity (Over)/Under	68	(37)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)	(48)

## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Leonardo da Vinci School (6-8)

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Sixth Grade	34
Seventh Grade	20
Eighth Grade	5
Total	59

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
	6 Standard Classrooms	7	6	86%	28	144	85%	122
	<b>6 Core Classroom Sub-Total</b>					<b>144</b>		<b>122</b>
	Phy-ed Stations	7	2	29%	28	0	85%	0
	Art	7	2	29%	28	0	85%	0
	Music	7	2	29%	30	0	85%	0

Building Capacity  
Current Enrollment  
**Available Capacity**

Maximum Capacity
144
73
<b>71</b>

Target Capacity
122
73
<b>49</b>

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	0	0	0	0	0	0	38	73	73	73	73	73	73	73	73
Maximum Capacity	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144
Target Capacity	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122
Maximum Capacity (Over)/Under	144	144	144	144	144	144	106	71	71	71	71	71	71	71	71
Target Capacity (Over)/Under	122	122	122	122	122	122	84	49	49	49	49	49	49	49	49



## DOTY ELEMENTARY

Current Enrollment: 323  
 Target Capacity: 397  
 Maximum Capacity: 441

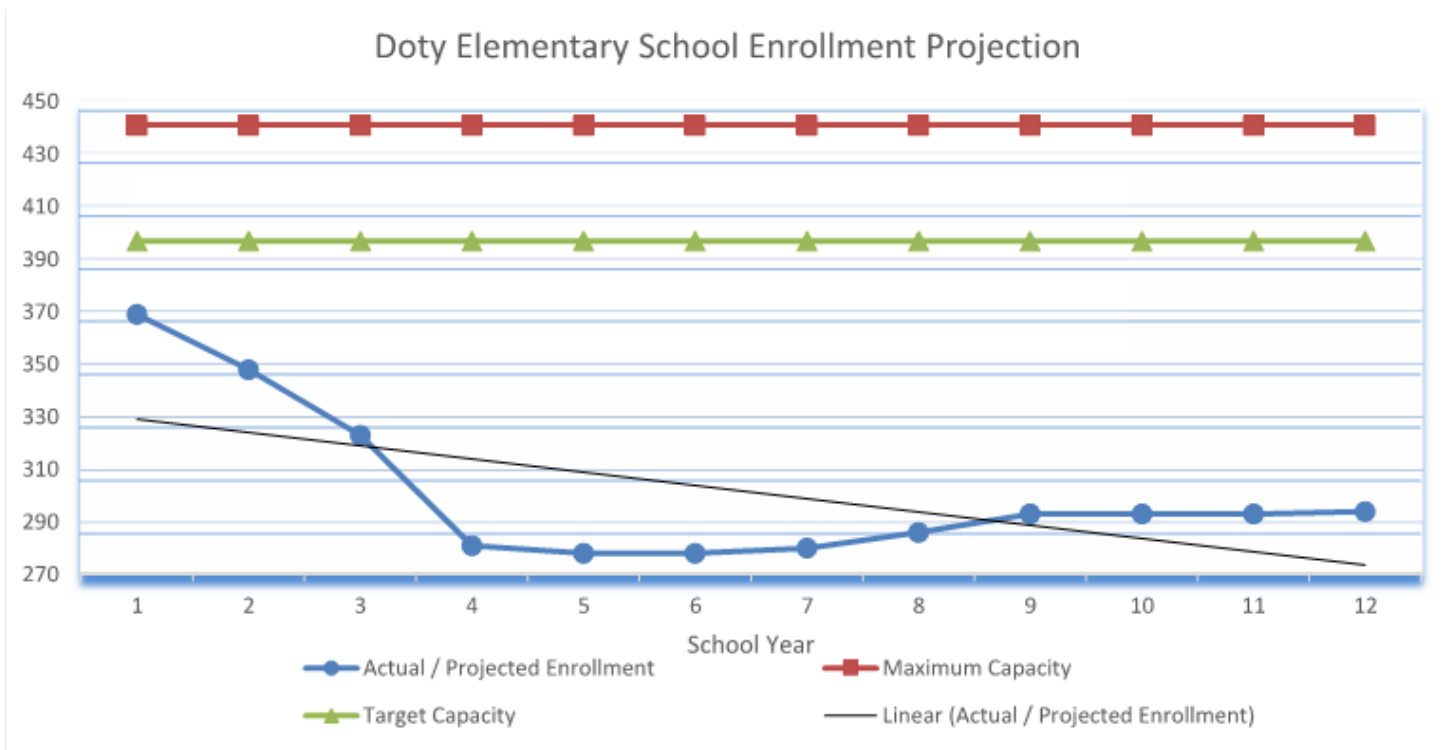
### SUMMARY

Enrollment at Doty Elementary is currently well below its maximum capacity and is projected to remain relatively steady over the coming years. This school currently does accommodate 4K students.

This school serves a diverse population and accommodates many different community needs. A significant number of students participate in bilingual programming.

Approximately 78% of students are eligible for free or reduced lunch. Universal breakfast is offered however, no dedicated student commons (cafeteria) exists. Due to the relatively low enrollment in this building, scheduling of the gymnasium is not an issue but if the number of students were to increase, consideration should be given to this function.

Classrooms in this building are generally undersized for their functions. The administration offices are remotely located from the front entry. The front entry itself is difficult to locate if a visitor is not familiar with the building.





## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Doty Elementary

### Gross Area of Building

Gross Area	54,477 GSF
Current Enrollment	323 Students
Area / Student	169 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	31	1		
Kindergarten	46	3	15.3	
First Grade	44	3	14.7	
Second Grade	51	2	25.5	
Third Grade	49	3	16.3	1 GR. 3/4
Fourth Grade	49	2	24.5	
Fifth Grade	51	2	25.5	
Totals	321	16		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
2	Open Classrooms	25	50	22.5	45.0
1	4K	22	22	19.8	19.8
3	Kindergarten	23	69	20.7	62.1
3	First Grade	25	75	22.5	67.5
2	Second Grade	25	50	22.5	45.0
3	Third Grade	25	75	22.5	67.5
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
18	Total Classrooms		441		396.9
			Maximum Capacity		Target Capacity
			441		397
	Current Enrollment		323		323
	Availability Capacity		118		74

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	369	348	323	281	278	278	280	286	293	293	293	294
Maximum Capacity	441	441	441	441	441	441	441	441	441	441	441	441
Target Capacity	397	397	397	397	397	397	397	397	397	397	397	397
Maximum Capacity (Over)/Under	72	93	118	160	163	163	161	155	148	148	148	147
Target Capacity (Over)/Under	28	49	74	116	119	119	117	111	104	104	104	103

## EISENHOWER ELEMENTARY

Current Enrollment: 536 (Including 5K students currently attending ELC)

Target Capacity: 281

Maximum Capacity: 312

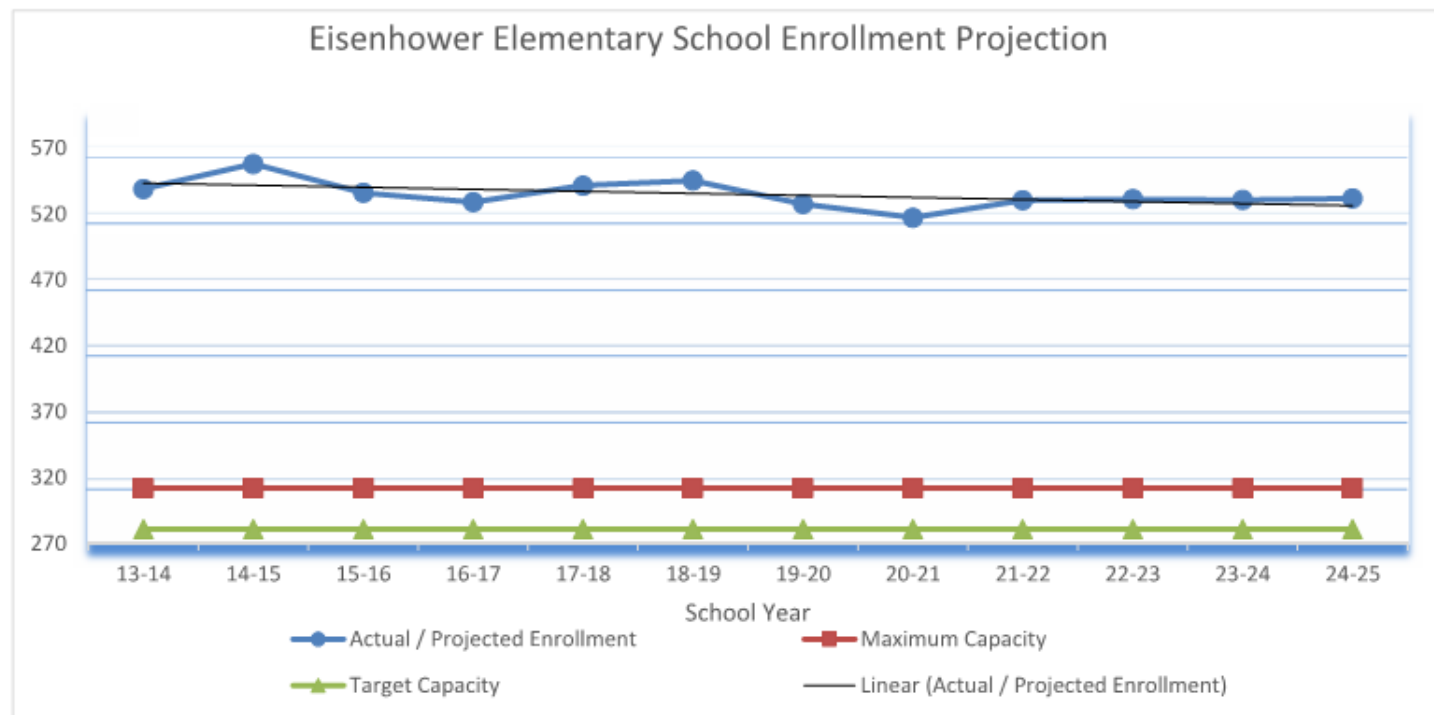
### SUMMARY

Enrollment at Eisenhower Elementary is currently well beyond its maximum capacity. Enrollment is projected to remain relatively steady over the coming years. This school currently does not accommodate 4K students. Kindergarten students have also been relocated from this school to the Early Learning Center due to lack of space. The chart below and the Enrollment Projection data on the follow page do include the Kindergarten students that are not presently located at Eisenhower but would otherwise be. Approximately 98% of students are eligible for free or reduced lunch. This is an AGR participating school.

Most classrooms in this building are somewhat undersized by modern standards. Due enrollment pressure, nearly every space has been assigned an educational function, some of which were not designed to be used by students. Some areas of corridor are utilized for interventions.

Eisenhower does have a dedicated student commons (cafeteria) which works for the students currently at the building but if 4K and Kindergarten were brought back, it would be undersized. Universal lunch and breakfast are served over five section rolling schedule. Wrap around care is provided by the YMCA and dinner is served in the commons as well.

Specials have been dislocated from their spaces in some cases due to space pressure. Music is currently located in a small room (413 SF) that does not have storage. There is no dedicated space for fifth grade band practice or storage. Currently, the cafeteria is used for band practice. OT/PT programming does not have a dedicated space and is accommodated in the cafeteria.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Eisenhower Elementary

### Gross Area of Building

Gross Area	51,155 GSF	
Total Current 5K-5 Enrollment	536 Students	(Note 122 students currently enrolled at Eisenhower attend class at ELC)
Area / Student	95 GSF	

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	0	0		4K Students at ELC
Kindergarten	0	0		SAGE/AGR, KG Students at ELC
First Grade	102	6	17.0	SAGE/AGR
Second Grade	108	6	18.0	SAGE/AGR
Third Grade	84	4	21.0	SAGE/AGR
Fourth Grade	74	4	18.5	
Fifth Grade	90	4	22.5	
Totals	458	24		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
0	Kindergarten	18			
3	First Grade	18	54	16.2	48.6
3	Second Grade	18	54	16.2	48.6
3	Third Grade	18	54	16.2	48.6
3	Fourth Grade	25	75	22.5	67.5
3	Fifth Grade	25	75	22.5	67.5
15	Total Classrooms		312		280.8
			Maximum Capacity		Target Capacity
			312		281
	Current Enrollment (Excludes Students at ELC)		458		458
	Availability Capacity		-146		-177

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	539	558	536	529	542	545	528	517	530	531	531	532
Maximum Capacity	312	312	312	312	312	312	312	312	312	312	312	312
Target Capacity	281	281	281	281	281	281	281	281	281	281	281	281
Maximum Capacity (Over)/Under	(227)	(246)	(224)	(217)	(230)	(233)	(216)	(205)	(218)	(219)	(219)	(220)
Target Capacity (Over)/Under	(258)	(277)	(255)	(248)	(261)	(265)	(247)	(236)	(250)	(250)	(250)	(251)

## ELMORE ELEMENTARY

Current Enrollment: 312

Target Capacity: 286

Maximum Capacity: 318

### SUMMARY

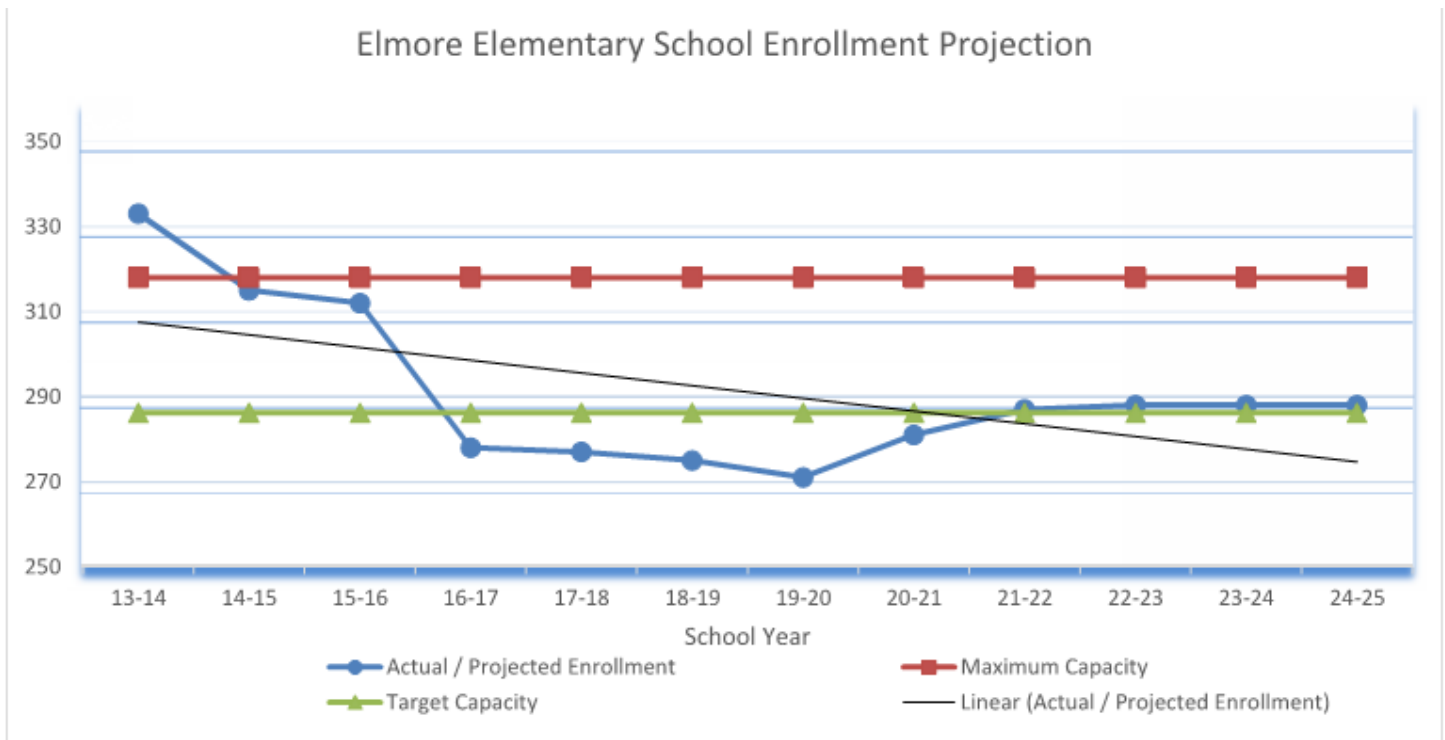
Enrollment at Elmore Elementary currently below its maximum capacity is projected to continue to slightly decline over the coming years. This school currently does accommodate 4K students.

Elmore Elementary desires to pursue a STEM Pathway. Collaborative spaces are desired for large group work and smaller spaces for specialists.

No dedicated student commons (cafeteria) is present. Lunch is served in the gymnasium.

While a renovation of the building was completed in the recent past, the overall spatial organization was not significantly changed. Classrooms are typically small by modern standards and do not afford students and staff much flexibility. Accessibility is a challenge in this building. There is not currently a direct accessible route from the main entry to the administrative office.

OT/PT services are accommodated on the former stage in the gymnasium. A proper space should be provided for these functions.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Elmore Elementary

### Gross Area of Building

Gross Area	50,781 GSF
Current Enrollment	312 Students
Area / Student	163 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	35	1	17.5	Two half day sessions per room
Kindergarten	43	2	21.5	
First Grade	39	2	19.5	
Second Grade	53	3	17.7	
Third Grade	50	3	16.7	
Fourth Grade	48	2	24.0	
Fifth Grade	39	2	19.5	
Totals	307	15		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	4K	22	22	19.8	19.8
2	Kindergarten	23	46	20.7	41.4
2	First Grade	25	50	22.5	45.0
2	Second Grade	25	50	22.5	45.0
2	Third Grade	25	50	22.5	45.0
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
13	Total Classrooms		318		286.2
			Maximum Capacity		Target Capacity
			318		286
	Current Enrollment		312		312
	Availability Capacity		6		-26

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	333	315	312	278	277	275	271	281	287	288	288	288
Maximum Capacity	318	318	318	318	318	318	318	318	318	318	318	318
Target Capacity	286	286	286	286	286	286	286	286	286	286	286	286
Maximum Capacity (Over)/Under	(15)	3	6	40	41	43	47	37	31	30	30	30
Target Capacity (Over)/Under	(47)	(29)	(26)	8	9	11	15	5	(1)	(2)	(2)	(2)



## FT. HOWARD ELEMENTARY

Current Enrollment: 242  
 Target Capacity: 242  
 Maximum Capacity: 269

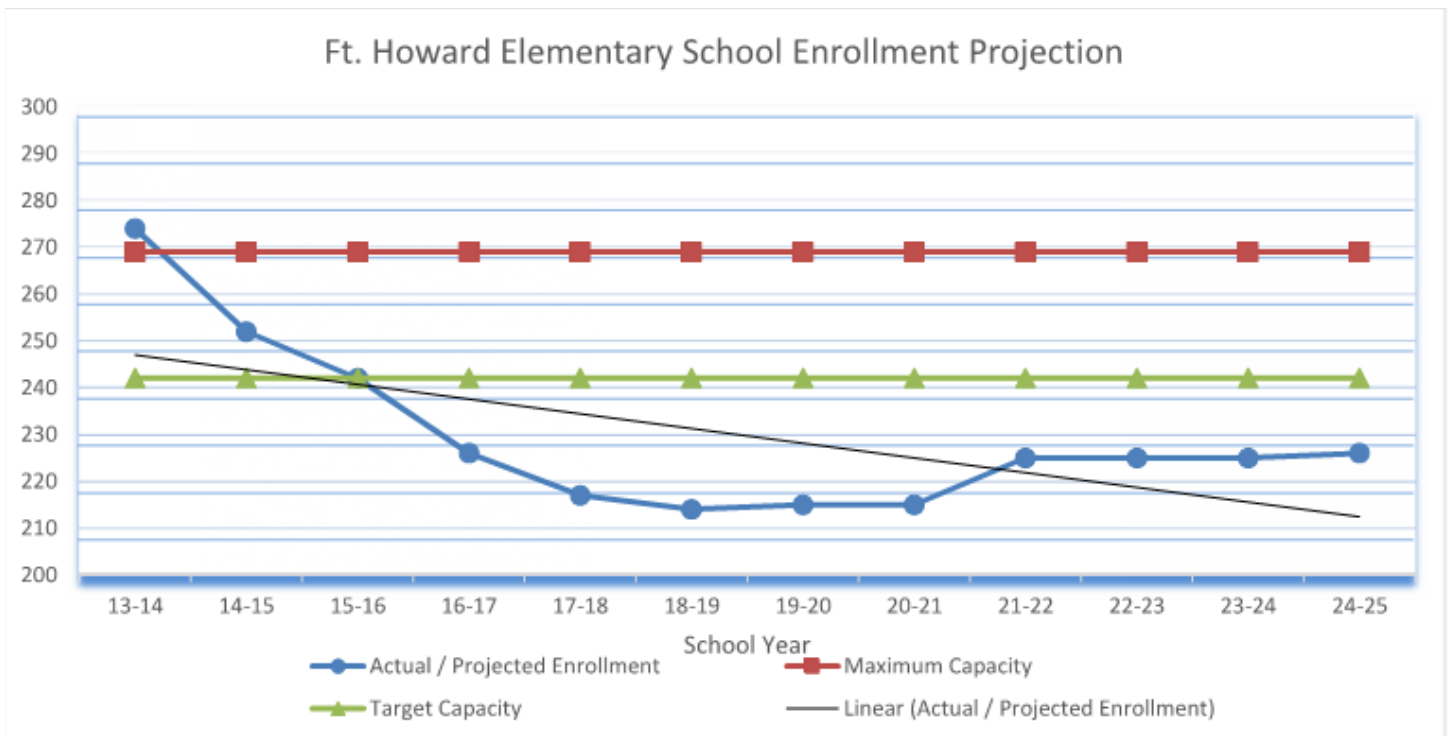
### SUMMARY

Enrollment at Fort Howard Elementary is currently below its maximum capacity and is projected to continue to decline over the coming years. This school currently does not accommodate 4K students. This is an AGR participating school. The school day is one hour longer than other elementary schools and the academic year extends to June 30<sup>th</sup>.

Approximately 95% of students are eligible for free or reduced lunch. Universal breakfast is offered. While a dedicated student commons (cafeteria) does exist, when all students arrive for breakfast, some students are served in the gymnasium due to capacity limitations. Dinner is also served to some students.

This building does have spaces available and dedicated to provided social services including a fit out dental office with two chairs for student care.

Classrooms are typically slightly smaller than a modern standard. The computer lab has been updated and is a good example of how to make a dated space more flexible for modern uses.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Ft. Howard Elementary

### Gross Area of Building

Gross Area	62,087 GSF
Current Enrollment	242 Students
Area / Student	257 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	2	0		Half day students
4K	0	0		
Kindergarten	26	2	13.0	SAGE/AGR
First Grade	41	3	13.7	SAGE/AGR
Second Grade	37	3	12.3	SAGE/AGR
Third Grade	42	3	14.0	SAGE/AGR
Fourth Grade	46	3	15.3	
Fifth Grade	45	3	15.0	
<b>Totals</b>	<b>239</b>	<b>17</b>		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	Open Classrooms	18	0	16.2	0.0
0	4K	22			
2	Kindergarten	18	36	16.2	32.4
2	First Grade	18	36	16.2	32.4
2	Second Grade	18	36	16.2	32.4
2	Third Grade	18	36	16.2	32.4
2	Fourth Grade	25	50	22.5	45.0
3	Fifth Grade	25	75	22.5	67.5
<b>13</b>	<b>Total Classrooms</b>		<b>269</b>		<b>242.1</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
			<b>269</b>		<b>242</b>
	Current Enrollment		242		242
	<b>Availability Capacity</b>		<b>27</b>		<b>0</b>

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	274	252	242	226	217	214	215	215	225	225	225	226
Maximum Capacity	269	269	269	269	269	269	269	269	269	269	269	269
Target Capacity	242	242	242	242	242	242	242	242	242	242	242	242
Maximum Capacity (Over)/Under	(5)	17	27	43	52	55	54	54	44	44	44	43
Target Capacity (Over)/Under	(32)	(10)	0	16	25	28	27	27	17	17	17	16

## HOWE ELEMENTARY

Current Enrollment: 429  
 Target Capacity: 382  
 Maximum Capacity: 424

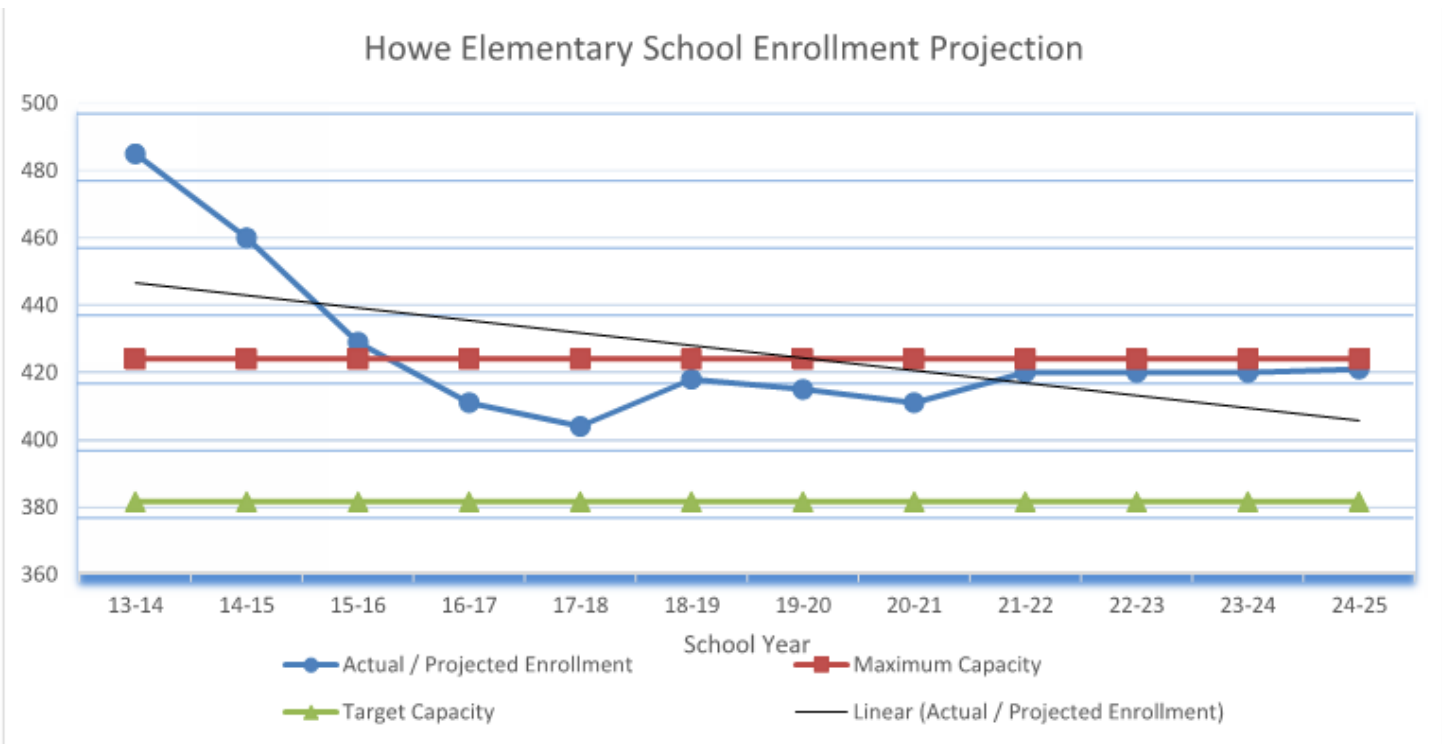
### SUMMARY

Enrollment at Howe Elementary is currently near its maximum capacity and is projected to remain relatively constant over the coming years. This school currently does not accommodate 4K students. This is an AGR participating school.

The building has been expanded and renovated in the past and consequently has a variety of spaces sizes and types. Classrooms are varying significantly in size from a low of approximately 713 SF to over 1,000 SF.

This site is unique as it lays partially under a highway over pass. Parking is limited.

Approximately 95% of students are eligible for free or reduced lunch. Universal breakfast is offered. A dedicated student commons (cafeteria) does exist. After school care is provided by the YMCA in the building but is currently filled and has a waiting list to access services. No before school care is available on site.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Howe Elementary

### Gross Area of Building

Gross Area	80,718 GSF
Current Enrollment	429 Students
Area / Student	188 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	7	0		
4K	20	1	10.0	Two half day sessions per room
Kindergarten	64	4	16.0	SAGE/AGR
First Grade	80	5	16.0	SAGE/AGR
Second Grade	72	5	14.4	SAGE/AGR
Third Grade	55	5	11.0	SAGE/AGR
Fourth Grade	77	3	25.7	1 GR. 4/5
Fifth Grade	51	3	17.0	
<b>Totals</b>	<b>426</b>	<b>26</b>		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	4K	22	22	19.8	19.8
4	Kindergarten	18	72	16.2	64.8
4	First Grade	18	72	16.2	64.8
3	Second Grade	18	54	16.2	48.6
3	Third Grade	18	54	16.2	48.6
3	Fourth Grade	25	75	22.5	67.5
3	Fifth Grade	25	75	22.5	67.5
<b>21</b>	<b>Total Classrooms</b>		<b>424</b>		<b>381.6</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
			<b>424</b>		<b>382</b>
	Current Enrollment		429		429
	<b>Availability Capacity</b>		<b>-5</b>		<b>-47</b>

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	485	460	429	411	404	418	415	411	420	420	420	421
Maximum Capacity	424	424	424	424	424	424	424	424	424	424	424	424
Target Capacity	382	382	382	382	382	382	382	382	382	382	382	382
Maximum Capacity (Over)/Under	(61)	(36)	(5)	13	20	6	9	13	4	4	4	3
Target Capacity (Over)/Under	(103)	(78)	(47)	(29)	(22)	(36)	(33)	(29)	(38)	(38)	(38)	(39)

## JACKSON ELEMENTARY

Current Enrollment: 412  
 Target Capacity: 329  
 Maximum Capacity: 365

### SUMMARY

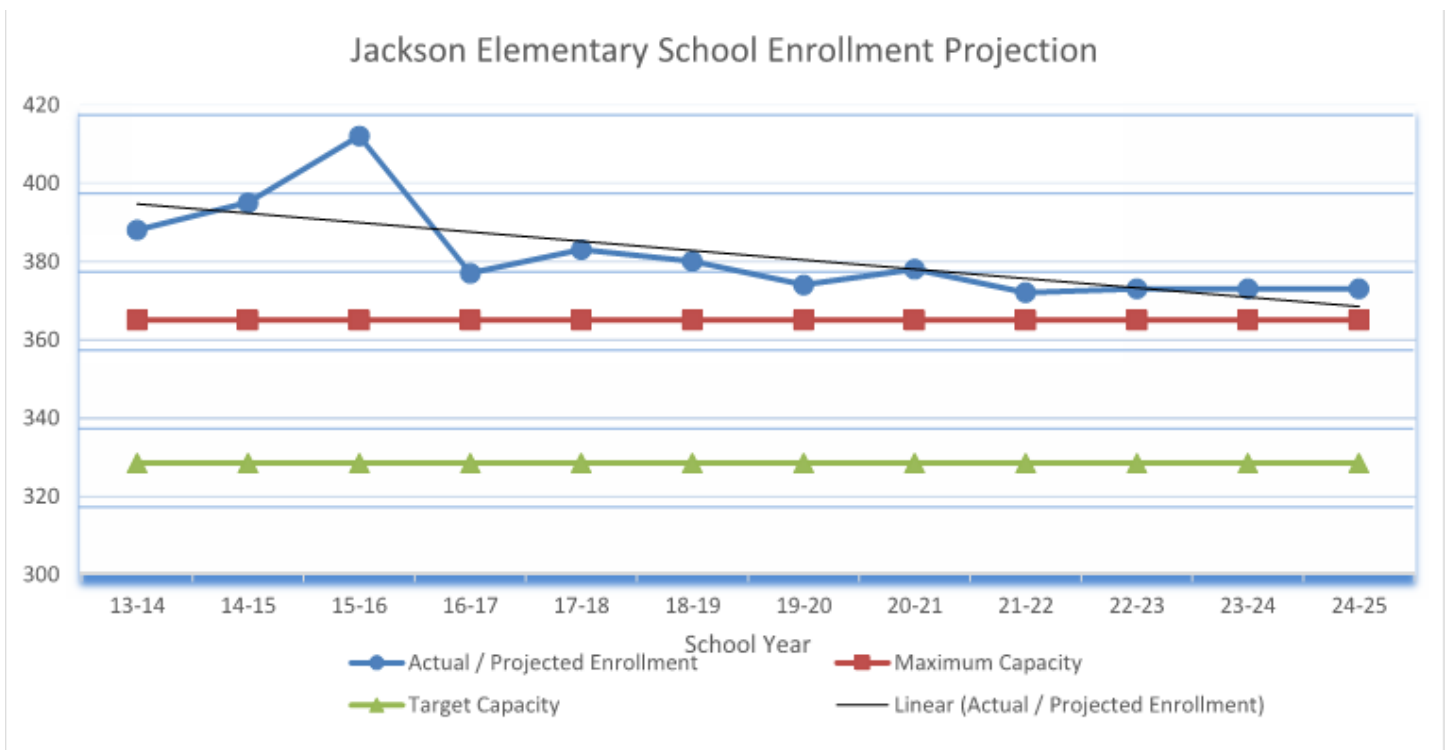
Enrollment at Jackson Elementary is currently above its maximum capacity but is projected to decline slightly over the coming years. This school does accommodate 4K students. Early Childhood services are also offered. A collaborative Kindergarten program is in place to help students transition into classrooms from the EC program.

Approximately 56% of students are eligible for free or reduced lunch.

Jackson Elementary is a Spanish immersion school. Currently, students through third grade are part of the immersion program. This will move up to fourth and fifth grade as student progress in the coming years.

Classrooms in this building are generally adequately sized for their functions. No dedicated student commons (cafeteria) exists. Students are served lunch in the gymnasium which is a scheduling challenge. The gym is undersized for the number of students served.

OT/PT services are accommodated on the former stage in the gymnasium. A proper space should be provided for these functions.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Jackson Elementary

### Gross Area of Building

Gross Area	50,934 GSF
Current Enrollment	412 Students
Area / Student	124 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	10	1	10.0	Half day students
4K	25	1	12.5	Two half day sessions per room
Kindergarten	79	4	19.8	
First Grade	58	3	19.3	
Second Grade	64	3	21.3	
Third Grade	63	3	21.0	
Fourth Grade	54	2	27.0	
Fifth Grade	49	2	24.5	
Totals	402	19		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	EC	22	22	19.8	19.8
1	4K	22	22	19.8	19.8
2	Kindergarten	23	46	20.7	41.4
2	First Grade	25	50	22.5	45.0
2	Second Grade	25	50	22.5	45.0
3	Third Grade	25	75	22.5	67.5
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
15	Total Classrooms		365		328.5
			Maximum Capacity		Target Capacity
			365		329
	Current Enrollment		412		412
	Availability Capacity		-47		-84

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	388	395	412	377	383	380	374	378	372	373	373	373
Maximum Capacity	365	365	365	365	365	365	365	365	365	365	365	365
Target Capacity	329	329	329	329	329	329	329	329	329	329	329	329
Maximum Capacity (Over)/Under	(23)	(30)	(47)	(12)	(18)	(15)	(9)	(13)	(7)	(8)	(8)	(8)
Target Capacity (Over)/Under	(60)	(67)	(84)	(49)	(55)	(52)	(46)	(50)	(44)	(45)	(45)	(45)



## JEFFERSON ELEMENTARY

Current Enrollment: 154  
 Target Capacity: 149  
 Maximum Capacity: 165

### SUMMARY

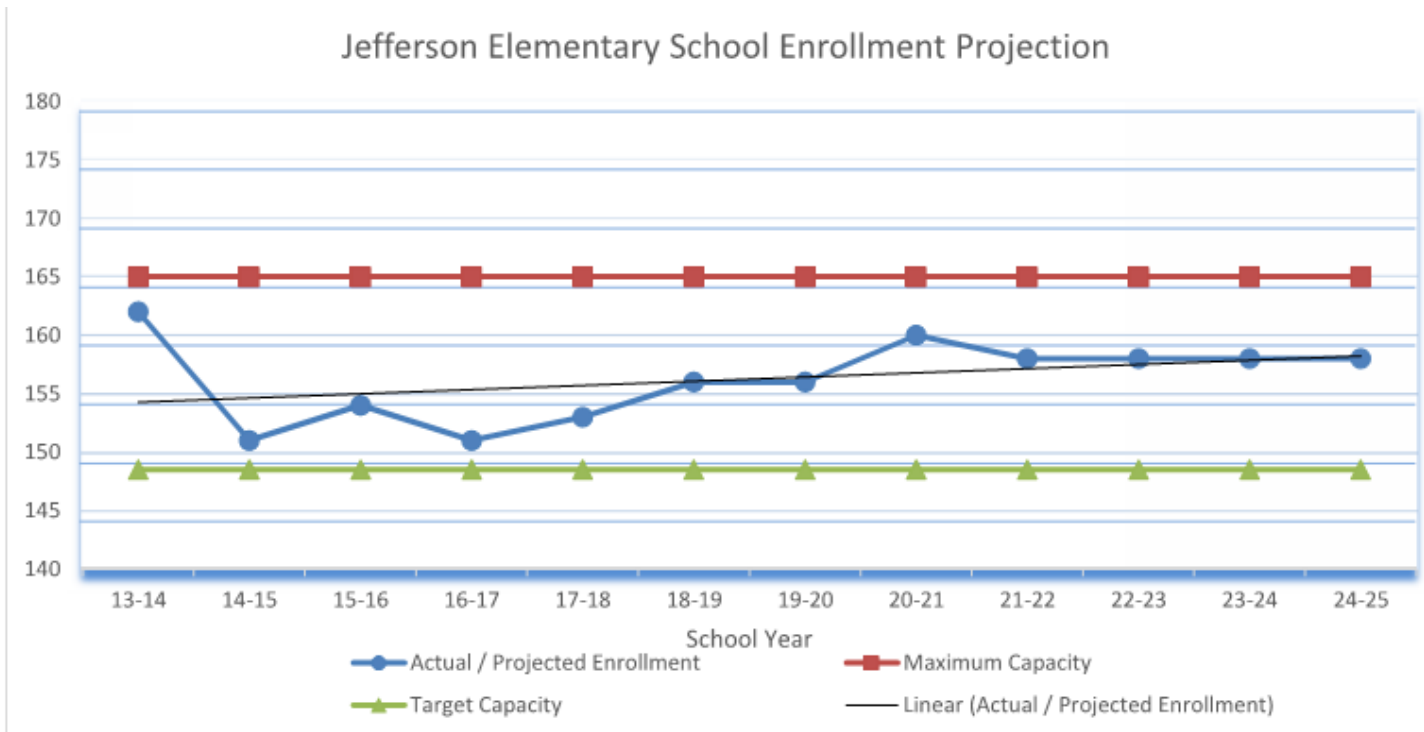
Enrollment at Jefferson Elementary is currently below its maximum capacity and is projected to generally hold steady over the coming years. This school currently does not currently accommodate 4K students. This is an AGR participating school.

Approximately 85% of students are eligible for free or reduced lunch. Most students are from the surrounding neighborhood and walk to school.

No dedicated student commons (cafeteria) exists. Students are served lunch in the gymnasium where table storage is a challenge. A space used by the Boys & Girls club is also adjacent to the serving kitchen.

The IMC is centrally located. An existing tiered story room is infrequently used and could be opened to more flexible use if walls were opened up.

Most classrooms are adequately sized however some spaces in the oldest portions of the building are undersized to provide flexibility inherent in current educational spaces.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Jefferson Elementary

### Gross Area of Building

Gross Area	37,591 GSF
Current Enrollment	154 Students
Area / Student	244 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	0	0		
Kindergarten	28	2	14.0	SAGE/AGR
First Grade	23	1	23.0	SAGE/AGR
Second Grade	25	2	12.5	SAGE/AGR
Third Grade	24	2	12.0	SAGE/AGR
Fourth Grade	24	1	24.0	3 Combined GR. 4/5 Rooms
Fifth Grade	29	2	14.5	
<b>Totals</b>	<b>153</b>	<b>10</b>		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
1	Kindergarten	18	18	16.2	16.2
1	First Grade	18	18	16.2	16.2
1	Second Grade	18	18	16.2	16.2
2	Third Grade	18	36	16.2	32.4
1	Fourth Grade	25	25	22.5	22.5
2	Fifth Grade	25	50	22.5	45.0
8	<b>Total Classrooms</b>		<b>165</b>		<b>148.5</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
			<b>165</b>		<b>149</b>
	Current Enrollment		154		154
	<b>Availability Capacity</b>		<b>11</b>		<b>-6</b>

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	162	151	154	151	153	156	156	160	158	158	158	158
Maximum Capacity	165	165	165	165	165	165	165	165	165	165	165	165
Target Capacity	149	149	149	149	149	149	149	149	149	149	149	149
Maximum Capacity (Over)/Under	3	14	11	14	12	9	9	5	7	7	7	7
Target Capacity (Over)/Under	(14)	(3)	(6)	(3)	(5)	(8)	(8)	(12)	(10)	(10)	(10)	(10)

## KELLER ELEMENTARY

Current Enrollment: 292  
 Target Capacity: 396  
 Maximum Capacity: 440

### Summary

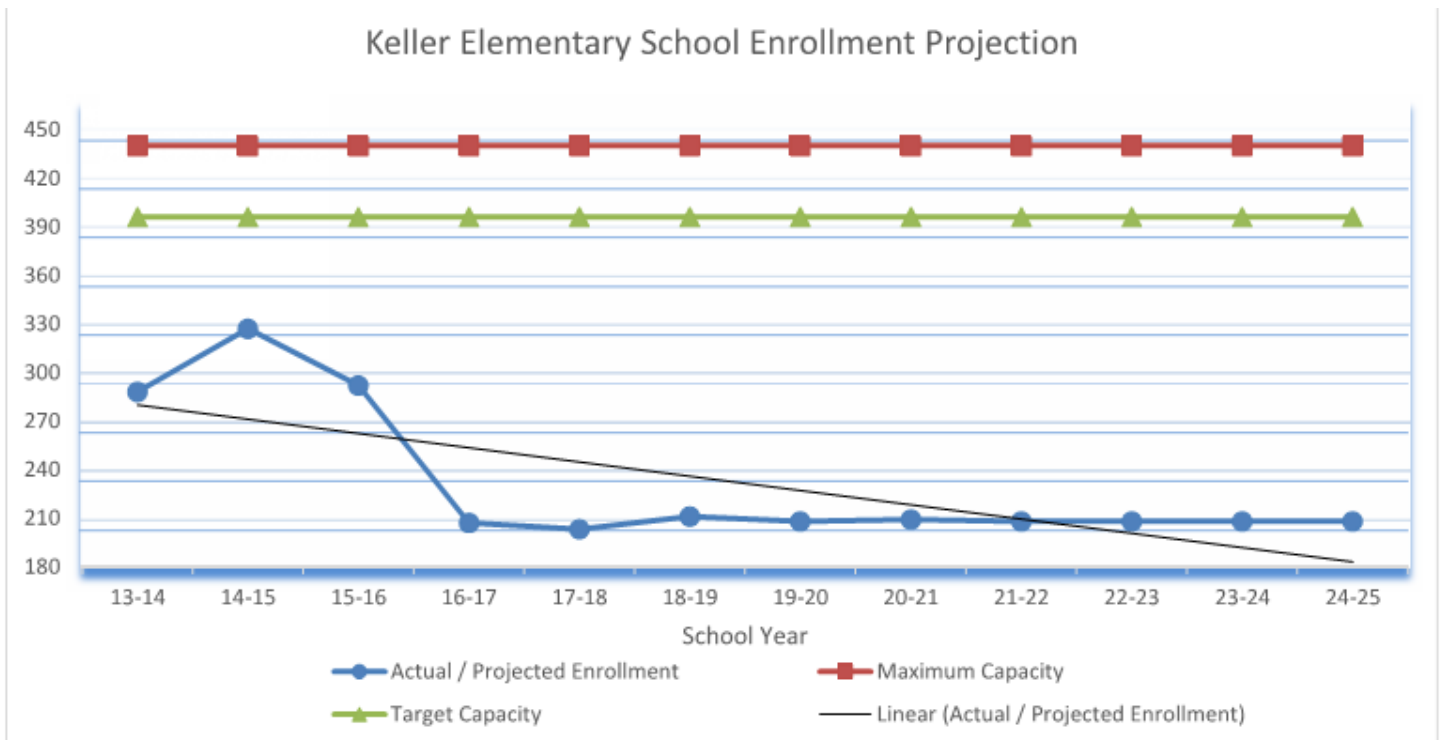
Enrollment at Keller Elementary is currently well below its maximum capacity and is projected to generally hold steady over the coming years. This school currently does not accommodate 4K students.

Approximately 86% of students are eligible for free or reduced lunch. This school serves a diverse community with many different needs. No accessible community space is available currently and the building serves as a meeting space for various community groups and potentially adult education.

Keller does not have a secure entry sequence. This building is a similar design to Doty Elementary. The current front entry is not clearly defined and is confusing to visitors. It is recommended that the administrative offices be relocated to allow for a more clearly defined front entry and to provide direct entry into the office area.

Keller Elementary houses a significant portion of the District's Head Start programming. Spaces are located on the second floor of the building and do not currently meet the requirements of the national program.

Originally built as an "open concept" school, partitions that have been added to divide the building into traditional rooms do not provide a quality acoustical environment. Classrooms are generally undersized by current standards. Most rooms are less than 725 SF in size.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Keller Elementary

### Gross Area of Building

Gross Area	54,477 GSF
Current Enrollment	292 Students
Area / Student	187 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	8	0		
4K	75	2	18.8	Two half day sessions per room
Kindergarten	38	2	19.0	
First Grade	30	2	15.0	
Second Grade	32	2	16.0	
Third Grade	28	2	14.0	
Fourth Grade	43	2	21.5	
Fifth Grade	32	2	16.0	
Totals	286	14		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
4	Other Classroom Spaces	25	100	22.5	90.0
2	4K	22	44	19.8	39.6
2	Kindergarten	23	46	20.7	41.4
2	First Grade	25	50	22.5	45.0
2	Second Grade	25	50	22.5	45.0
2	Third Grade	25	50	22.5	45.0
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
18	Total Classrooms		440		396.0
			Maximum Capacity		Target Capacity
			440		396
	Current Enrollment		292		292
	Availability Capacity		148		104

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	288	327	292	207	203	211	208	209	208	208	208	208
Maximum Capacity	440	440	440	440	440	440	440	440	440	440	440	440
Target Capacity	396	396	396	396	396	396	396	396	396	396	396	396
Maximum Capacity (Over)/Under	152	113	148	233	237	229	232	231	232	232	232	232
Target Capacity (Over)/Under	108	69	104	189	193	185	188	187	188	188	188	188

## KENNEDY ELEMENTARY

Current Enrollment: 284

Target Capacity: 374

Maximum Capacity: 415

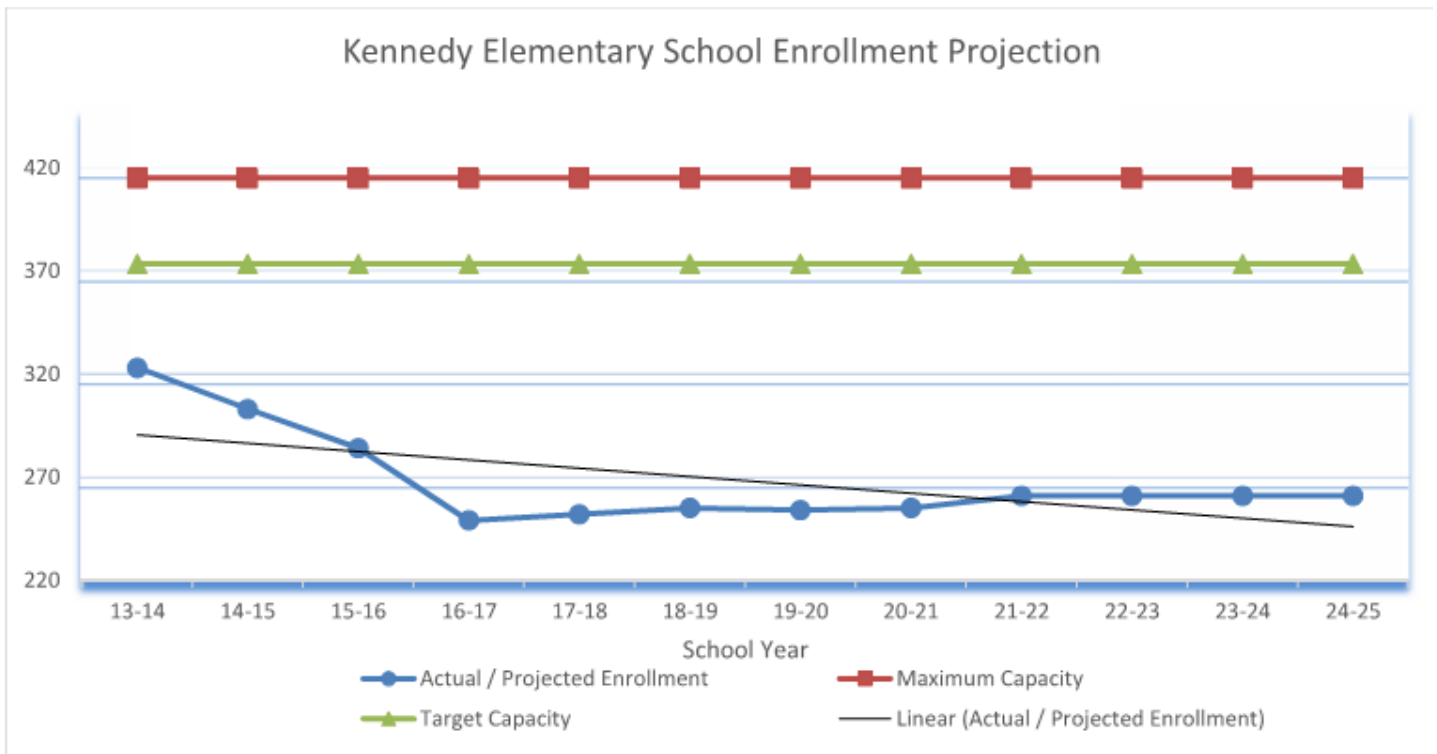
### Summary

Enrollment at Kennedy Elementary is currently well below its maximum capacity and is projected to generally hold steady over the coming years. This school currently does accommodate 4K students. Early Childhood programming is offered at this school as well as a significant portion of the District's ID and Autism programming.

Approximately 71% of students are eligible for free or reduced lunch. This school serves a diverse community with many different needs. ELL programming is also offered here in both Hmong and Spanish.

No dedicated student commons (cafeteria) exists. Students are served lunch in an open area on the first floor. Noise is an issue as the space is not acoustically treated or designed to accommodate this function.

Many classrooms at Kennedy are well sized, some in excess of 950 SF. About a third of the rooms are undersized. The Gymnasium is also undersized with a stage that is rarely used and is not on an accessible route.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Kennedy Elementary

### Gross Area of Building

Gross Area	62,601 GSF
Current Enrollment	284 Students
Area / Student	220 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	13	1		
4K	23	1	11.5	Two half day sessions per room
Kindergarten	41	2	20.5	
First Grade	46	2	23.0	
Second Grade	43	2	21.5	
Third Grade	39	2	19.5	
Fourth Grade	40	2	20.0	
Fifth Grade	32	2	16.0	
Totals	277	14		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
3	Potential / Open Classrooms	25	75	22.5	67.5
1	EC	22	22	19.8	19.8
1	4K	22	22	19.8	19.8
2	Kindergarten	23	46	20.7	41.4
2	First Grade	25	50	22.5	45.0
2	Second Grade	25	50	22.5	45.0
2	Third Grade	25	50	22.5	45.0
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
17	Total Classrooms		415		373.5
			Maximum Capacity		Target Capacity
			415		374
	Current Enrollment		284		284
	Availability Capacity		131		90

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	323	303	284	249	252	255	254	255	261	261	261	261
Maximum Capacity	415	415	415	415	415	415	415	415	415	415	415	415
Target Capacity	374	374	374	374	374	374	374	374	374	374	374	374
Maximum Capacity (Over)/Under	92	112	131	166	163	160	161	160	154	154	154	154
Target Capacity (Over)/Under	51	71	90	125	122	119	120	119	113	113	113	113

## KING ELEMENTARY

Current Enrollment: 404  
 Target Capacity: 399  
 Maximum Capacity: 443

### Summary

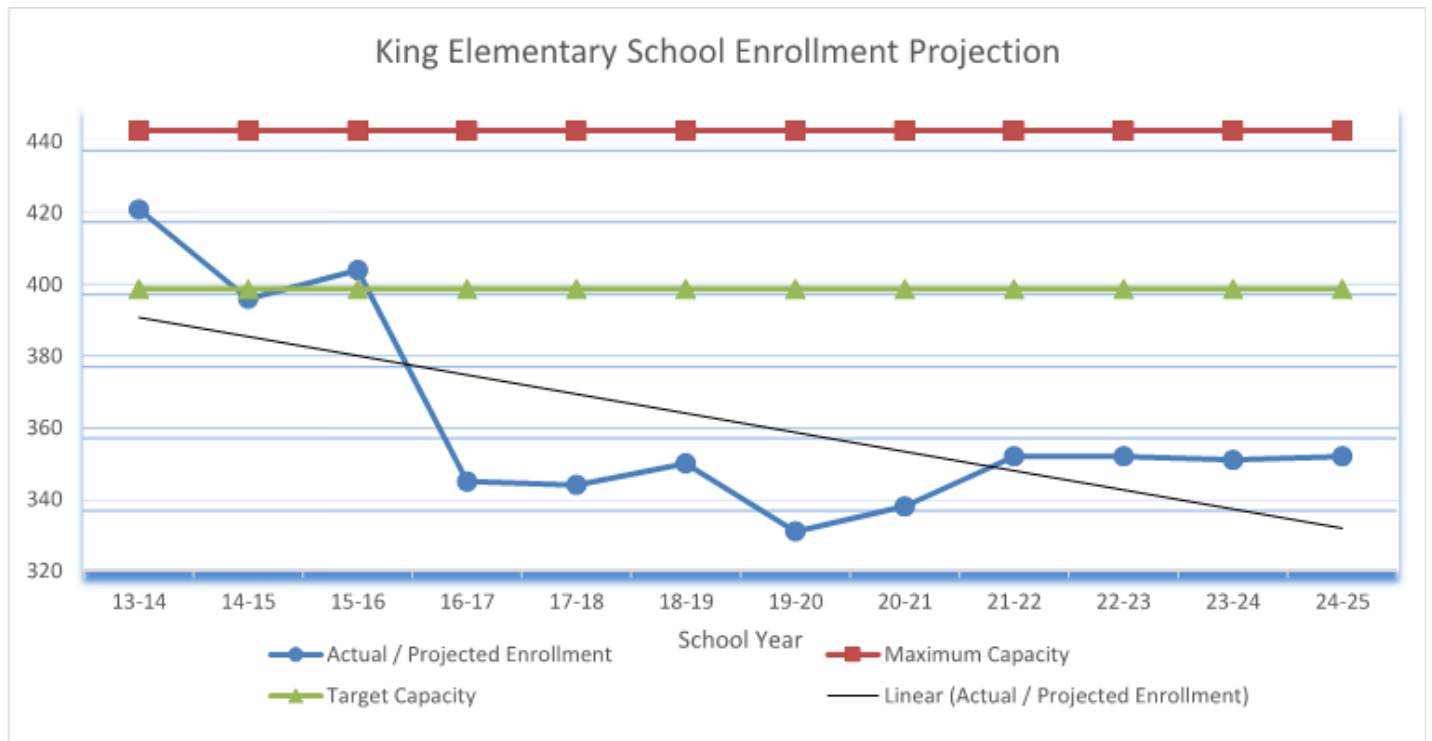
Enrollment at King Elementary is currently below its maximum capacity. Enrollment is projected to decline in the coming years.

Approximately 50% of the student population is eligible for free or reduced lunch. A growing population of high needs autistic students is also part of King Elementary.

King Elementary is currently pursuing a STEM based program. Personalized learning will be an objective of the school as students will feed into the Lombardi Middle School and Southwest High School STEM/PLTW tracks. A more flexible learning environment is desired to support these pursuits.

A dedicated student commons (cafeteria) exists at King Elementary. Scheduling of lunch is difficult due to supervision challenges presented by the current separated playgrounds

Classrooms are mostly well sized with the majority being over 900 SF. The gymnasium is small and is undersized for accommodating large assemblies.





## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

King Elementary

### Gross Area of Building

Gross Area	62,128 GSF
Current Enrollment	404 Students
Area / Student	154 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	2	0		
4K	40	1	20.0	Two half day sessions per room
Kindergarten	43	2	21.5	
First Grade	50	3	16.7	
Second Grade	74	3	24.7	
Third Grade	51	2	25.5	
Fourth Grade	67	3	22.3	
Fifth Grade	63	3	21.0	
Totals	390	17		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	4K	22	22	19.8	19.8
2	Kindergarten	23	46	20.7	41.4
3	First Grade	25	75	22.5	67.5
3	Second Grade	25	75	22.5	67.5
3	Third Grade	25	75	22.5	67.5
3	Fourth Grade	25	75	22.5	67.5
3	Fifth Grade	25	75	22.5	67.5
18	Total Classrooms		443		398.7
			Maximum Capacity		Target Capacity
			443		399
	Current Enrollment		404		404
	Availability Capacity		39		-5

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	421	396	404	345	344	350	331	338	352	352	351	352
Maximum Capacity	443	443	443	443	443	443	443	443	443	443	443	443
Target Capacity	399	399	399	399	399	399	399	399	399	399	399	399
Maximum Capacity (Over)/Under	22	47	39	98	99	93	112	105	91	91	92	91
Target Capacity (Over)/Under	(22)	3	(5)	54	55	49	68	61	47	47	48	47

## LANGLADE ELEMENTARY

Current Enrollment: 320  
 Target Capacity: 349  
 Maximum Capacity: 388

### Summary

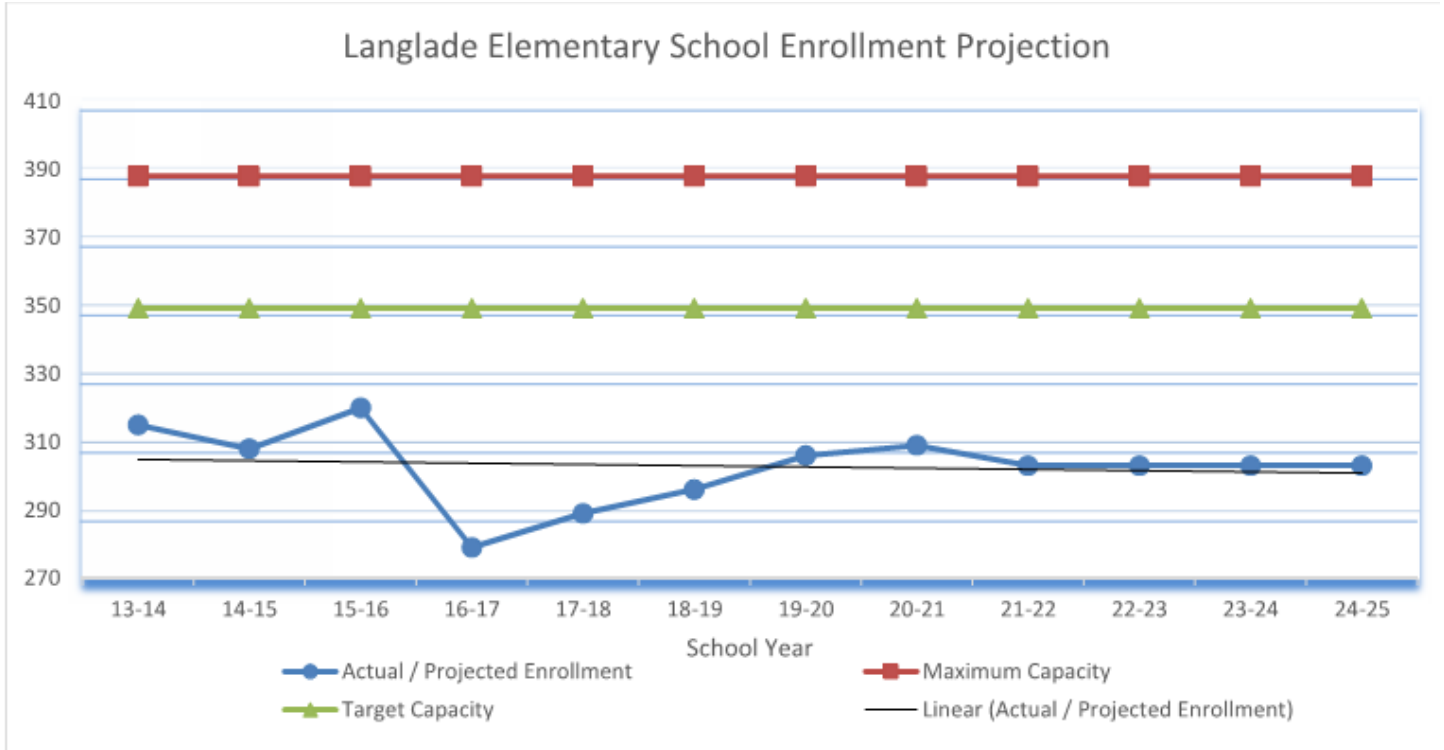
Enrollment at Langlade Elementary is currently under the maximum capacity. In the coming years, enrollment is projected to remain relatively steady.

Langlade Elementary currently houses the District's Deaf and Hard of Hearing programming. This program was moved from Kennedy Elementary. Da Vinci School was originally housed in this building but has moved to a dedicated facility, freeing space for the growing community enrollment.

A dedicated student commons (cafeteria) does not exist at Langlade. Lunch is served in the gymnasium.

Several small offices accommodating the school Audiologist, Speech/Language specialist and ESL specialist have been created with temporary partitions in a wide area of a corridor between wings of the building. Consideration for offices with permanent walls that provide proper acoustical separation should be given if these programs are to remain at this building.

The IMC at this building is accommodated in two former classrooms. The space is very traditional and does not reflect the flexible learning environments of today. Classrooms are generally slightly undersized by current standards at just under 900 SF.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Langlade Elementary

### Gross Area of Building

Gross Area	46,738 GSF
Current Enrollment	320 Students
Area / Student	146 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	6	0		Half day students
4K	36	1	18.0	Two half day sessions per room
Kindergarten	59	2	29.5	
First Grade	46	3	15.3	
Second Grade	40	2	20.0	
Third Grade	43	2	21.5	
Fourth Grade	41	2	20.5	
Fifth Grade	41	2	20.5	
Totals	312	14		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	EC	22	22	19.8	19.8
1	4K	22	22	19.8	19.8
3	Kindergarten	23	69	20.7	62.1
3	First Grade	25	75	22.5	67.5
2	Second Grade	25	50	22.5	45.0
2	Third Grade	25	50	22.5	45.0
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
16	Total Classrooms		388		349.2

	Maximum Capacity	Target Capacity
	388	349
Current Enrollment	320	320
Availability Capacity	68	29

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	315	308	320	279	289	296	306	309	303	303	303	303
Maximum Capacity	388	388	388	388	388	388	388	388	388	388	388	388
Target Capacity	349	349	349	349	349	349	349	349	349	349	349	349
Maximum Capacity (Over)/Under	73	80	68	109	99	92	82	79	85	85	85	85
Target Capacity (Over)/Under	34	41	29	70	60	53	43	40	46	46	46	46

## LINCOLN ELEMENTARY

Current Enrollment: 232

Target Capacity: 228

Maximum Capacity: 253

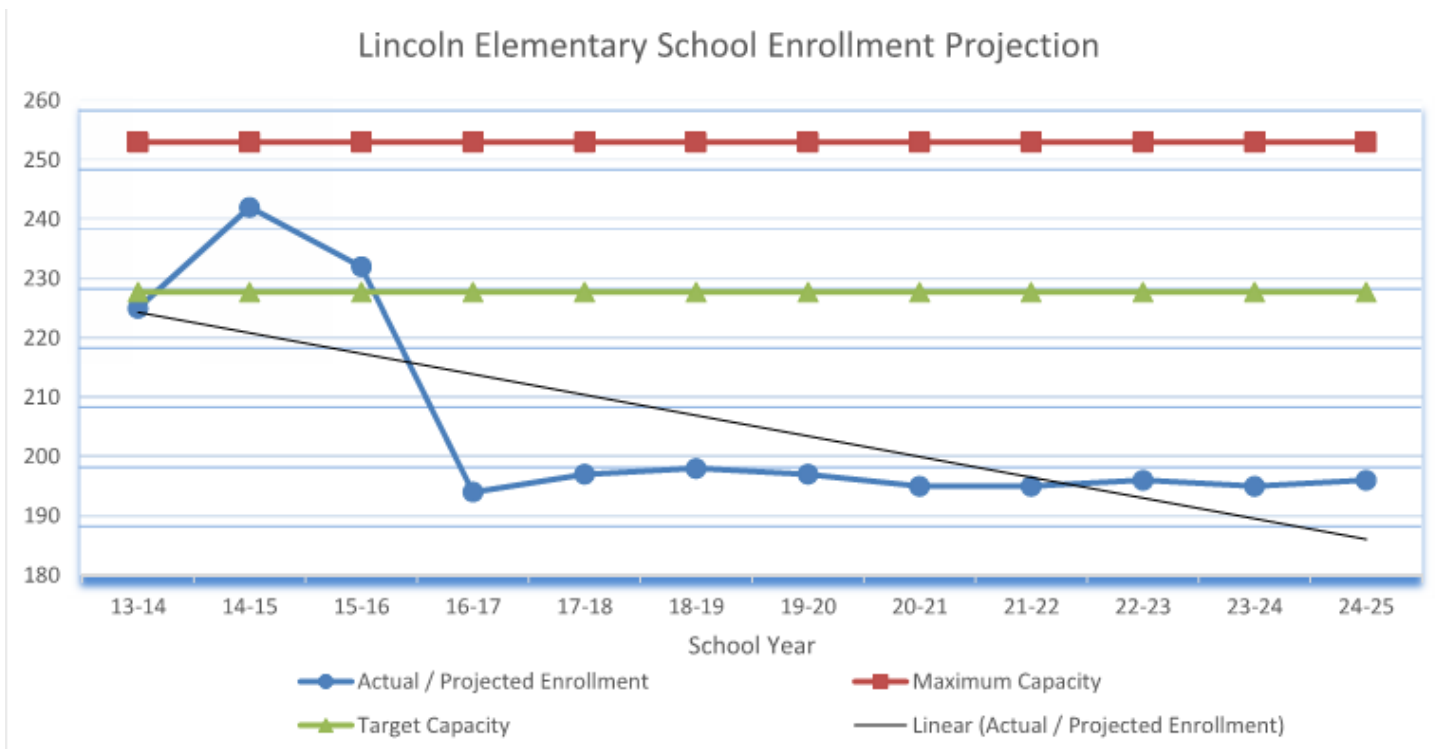
### Summary

Enrollment at Lincoln Elementary is currently below its maximum capacity and is projected to slightly decline over the coming years. This school currently does accommodate 4K students. This is an AGR participating school.

Approximately 85% of the student population is eligible for free or reduced lunch. A dedicated student commons (cafeteria) is present and works well. The space is used frequently for large student group work and community functions. Dinner is also served in the commons.

Approximately 20% - 25% of students receive some special education programming services. The OT/PT program staff for the west side of the District is housed at Langlade. EBD programming is offered here as well as Early Childhood. CDS students have been moved to Langlade for programming.

Classrooms are generally well sized, over 900 SF. Movable panels between some classrooms are not used and should be replaced with fixed walls for better acoustical performance. No breakout spaces or other collaboration spaces are available in the building.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Lincoln Elementary

### Gross Area of Building

Gross Area	56,949 GSF
Current Enrollment	232 Students
Area / Student	245 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	18	2	9.0	Half day students
4K	23	1	11.5	Two half day sessions
Kindergarten	34	2	17.0	SAGE/AGR
First Grade	33	2	16.5	SAGE/AGR
Second Grade	32	2	16.0	SAGE/AGR
Third Grade	34	2	17.0	SAGE/AGR
Fourth Grade	29	2	14.5	1 GR. 4/5
Fifth Grade	28	1	14.0	
<b>Totals</b>	<b>231</b>	<b>14</b>		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
2	EC	15	30	13.5	27.0
1	4K	22	22	19.8	19.8
1	Kindergarten	18	18	16.2	16.2
2	First Grade	18	36	16.2	32.4
2	Second Grade	18	36	16.2	32.4
2	Third Grade	18	36	16.2	32.4
2	Fourth Grade	25	50	22.5	45.0
1	Fifth Grade	25	25	22.5	22.5
<b>13</b>	<b>Total Classrooms</b>		<b>253</b>		<b>227.7</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
			<b>253</b>		<b>228</b>
	Current Enrollment		232		232
	<b>Availability Capacity</b>		<b>21</b>		<b>-4</b>

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	225	242	232	194	197	198	197	195	195	196	195	196
Maximum Capacity	253	253	253	253	253	253	253	253	253	253	253	253
Target Capacity	228	228	228	228	228	228	228	228	228	228	228	228
Maximum Capacity (Over)/Under	28	11	21	59	56	55	56	58	58	57	58	57
Target Capacity (Over)/Under	3	(14)	(4)	34	31	30	31	33	33	32	33	32

## MACARTHUR ELEMENTARY

Current Enrollment: 277

Target Capacity: 286

Maximum Capacity: 318

### Summary

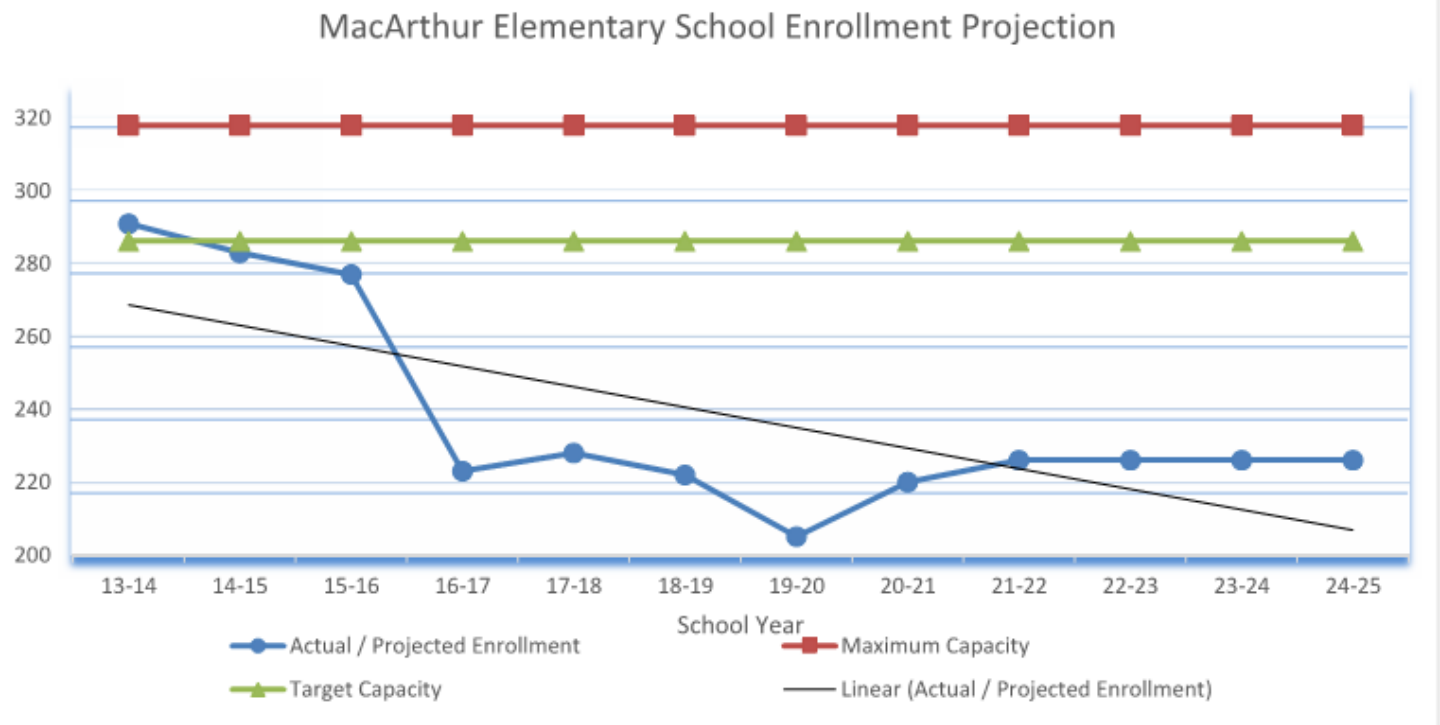
Enrollment at MacArthur Elementary is currently below its maximum capacity. Over the coming years, enrollment is projected to remain relatively constant. This school currently does not accommodate 4K students.

MacArthur Elementary was originally built as an “open concept” school. Its spatial organization is that of hexagonal pods arranged around central toilet rooms and coat hooks. The building has been divided into more traditional classroom spaces but the geometry of the original structure results in uneven, undersized and oddly shaped rooms. Most rooms do not have doors and open onto shared circulation space. A central IMC is open and potentially a great, flexible learning space.

Approximately 60% of the student population is eligible for free or reduced lunch.

No dedicated student commons exists. Students are served lunch in the gymnasium which is very small. Use of the gymnasium drives the school’s schedule. Parks and Rec uses the storage space adjacent to the gym as a public warming house during the winter further reducing available storage.

No secure entry sequence is present. The administrative offices are separated from the front entry by the corridor connecting the gym to the rest of the school. Reorganization of the office area is recommended.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

MacArthur Elementary

### Gross Area of Building

Gross Area	41,300 GSF
Current Enrollment	277 Students
Area / Student	149 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	34	1	17.0	Two half day sessions per room
Kindergarten	29	2	14.5	
First Grade	23	1	23.0	
Second Grade	55	3	18.3	
Third Grade	43	2	21.5	
Fourth Grade	36	2	18.0	
Fifth Grade	40	2	20.0	
<b>Totals</b>	<b>260</b>	<b>13</b>		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	4K	22	22	19.8	19.8
2	Kindergarten	23	46	20.7	41.4
1	First Grade	25	25	22.5	22.5
3	Second Grade	25	75	22.5	67.5
2	Third Grade	25	50	22.5	45.0
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
<b>13</b>	<b>Total Classrooms</b>		<b>318</b>		<b>286.2</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
			<b>318</b>		<b>286</b>
	Current Enrollment		277		277
	<b>Availability Capacity</b>		<b>41</b>		<b>9</b>

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	291	283	277	223	228	222	205	220	226	226	226	226
Maximum Capacity	318	318	318	318	318	318	318	318	318	318	318	318
Target Capacity	286	286	286	286	286	286	286	286	286	286	286	286
Maximum Capacity (Over)/Under	27	35	41	95	90	96	113	98	92	92	92	92
Target Capacity (Over)/Under	(5)	3	9	63	58	64	81	66	60	60	60	60



## MARTIN ELEMENTARY

Current Enrollment: 364

Target Capacity: 332

Maximum Capacity: 369

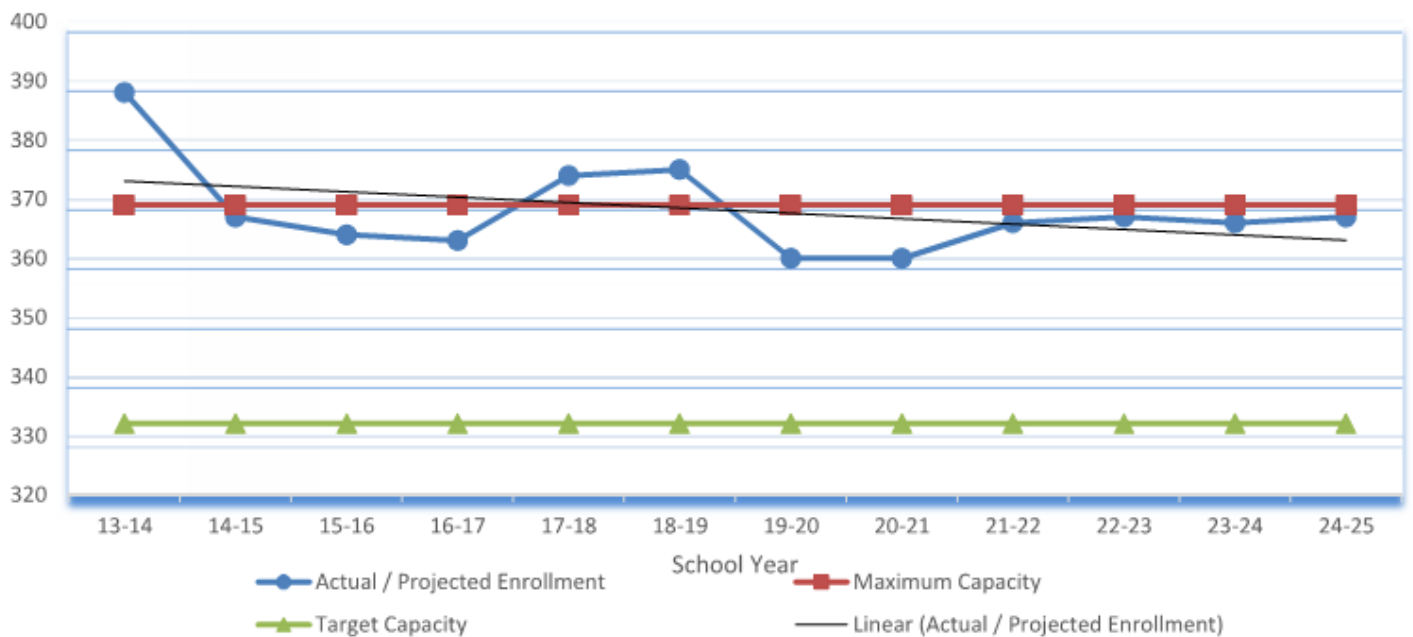
### Summary

Enrollment at Martin Elementary is currently near its maximum capacity and is projected to remain relatively steady over the coming years. This school currently does not accommodate 4K students due to lack of available space. Martin's 4K students are housed at Froebel ELC.

Approximately 35% of the student population is eligible for free or reduced lunch. A dedicated student commons (cafeteria) does not exist at Martin. Lunch is served in the gymnasium. The lack of a student commons causes scheduling difficulty through the building.

Several space issues exist at Martin. The gymnasium is undersized. Music and Band are accommodated in a small room that is too small. Art is taught in a room that is well sized but is not outfitted properly for its use. Two Kindergarten rooms are located behind the gymnasium. While well sized, acoustical separation from the gym is poor. The building also lacks conference rooms and space for interventionists.

Martin Elementary School Enrollment Projection



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Martin Elementary

### Gross Area of Building

Gross Area	44,137 GSF
Current Enrollment	364 Students
Area / Student	121 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	4	0		Half Day Students
4K	0	0		4K Students at Froebel
Kindergarten	54	3	18.0	
First Grade	60	3	20.0	
Second Grade	72	3	24.0	
Third Grade	59	3	19.7	
Fourth Grade	55	2	27.5	
Fifth Grade	59	3	19.7	
Totals	363	17		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
3	Kindergarten	23	69	20.7	62.1
3	First Grade	25	75	22.5	67.5
2	Second Grade	25	50	22.5	45.0
2	Third Grade	25	50	22.5	45.0
2	Fourth Grade	25	50	22.5	45.0
3	Fifth Grade	25	75	22.5	67.5
15	Total Classrooms		369		332.1
			Maximum Capacity		Target Capacity
			369		332
	Current Enrollment		364		364
	Availability Capacity		5		-32

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	388	367	364	363	374	375	360	360	366	367	366	367
Maximum Capacity	369	369	369	369	369	369	369	369	369	369	369	369
Target Capacity	332	332	332	332	332	332	332	332	332	332	332	332
Maximum Capacity (Over)/Under	(19)	2	5	6	(5)	(6)	9	9	3	2	3	2
Target Capacity (Over)/Under	(56)	(35)	(32)	(31)	(42)	(43)	(28)	(28)	(34)	(35)	(34)	(35)

## MCAULIFFE ELEMENTARY

Current Enrollment: 510  
 Target Capacity: 490  
 Maximum Capacity: 544

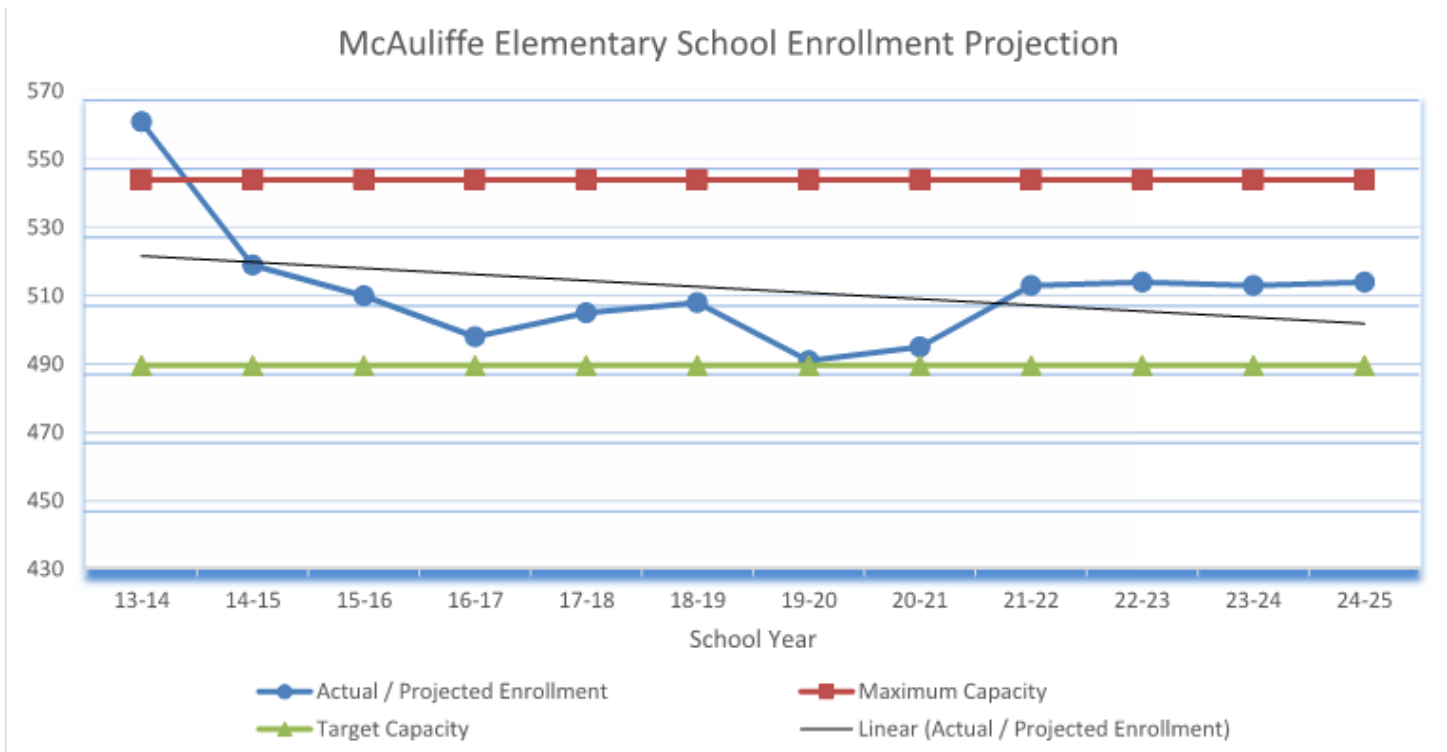
### Summary

Enrollment at McAuliffe Elementary is currently under its maximum capacity. Enrollment is projected to be relatively steady for the foreseeable future. This school currently does not accommodate 4K students due to lack of available space. McAuliffe's 4K students are housed at Froebel ELC.

Approximately 35% of the student population is eligible for free or reduced lunch. A dedicated student commons (cafeteria) is present at McAuliffe.

McAuliffe Elementary is one of the newer buildings in the District. Classrooms are generally well sized with most just less than 900 SF. The building does not have breakout spaces or places for individual pullouts. Hallways are often used as learning spaces due to limited flexibility in space.

Site circulation is a challenge but the District owns land surrounding the building. A potential driveway through the site to the east may be a solution to congestion and limited parking.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

McAuliffe Elementary

### Gross Area of Building

Gross Area	56,655 GSF
Current Enrollment	510 Students
Area / Student	111 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	4	0		Half Day Students
4K	0	0		4K Students at Froebel
Kindergarten	69	3	23.0	
First Grade	83	4	20.8	
Second Grade	101	4	25.3	
Third Grade	83	4	20.8	1 Combined GR. 2/3 Classroom
Fourth Grade	79	3	26.3	
Fifth Grade	89	4	22.3	
Totals	508	22		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
3	Kindergarten	23	69	20.7	62.1
4	First Grade	25	100	22.5	90.0
4	Second Grade	25	100	22.5	90.0
4	Third Grade	25	100	22.5	90.0
3	Fourth Grade	25	75	22.5	67.5
4	Fifth Grade	25	100	22.5	90.0
22	Total Classrooms		544		489.6
			Maximum Capacity		Target Capacity
			544		490
	Current Enrollment		510		510
	Availability Capacity		34		-20

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	561	519	510	498	505	508	491	495	513	514	513	514
Maximum Capacity	544	544	544	544	544	544	544	544	544	544	544	544
Target Capacity	490	490	490	490	490	490	490	490	490	490	490	490
Maximum Capacity (Over)/Under	(17)	25	34	46	39	36	53	49	31	30	31	30
Target Capacity (Over)/Under	(71)	(29)	(20)	(8)	(15)	(18)	(1)	(5)	(23)	(24)	(23)	(24)

## NICOLET ELEMENTARY

Current Enrollment: 426

Target Capacity: 378

Maximum Capacity: 420

### Summary

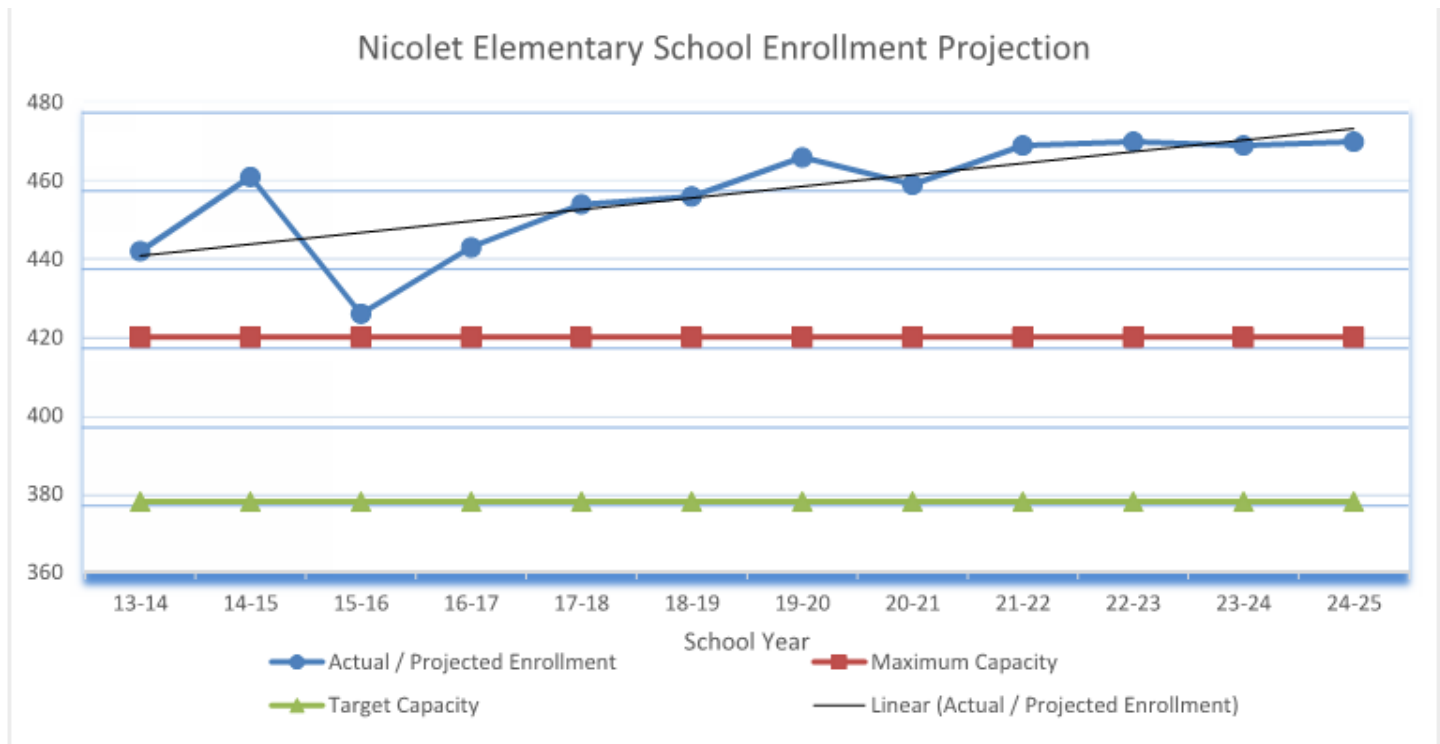
Enrollment at Nicolet Elementary is currently above its maximum capacity. In the coming years, enrollment is projected to continue to increase. This school currently does not accommodate 4K students due to lack of available space. This is an AGR participating school.

Approximately 98% of the student population is eligible for free or reduced lunch. A dedicated student commons (cafeteria) does exist at Martin. Universal breakfast will be served by the end of the 2015/16 school year.

A healthcare clinic is located within the building with a separate exterior entrance. The location of the space does not encourage much coordination or interaction with school administration.

Classroom spaces in older portions of the building are small, some under 700 SF in area. A newer addition on the south end has larger classrooms.

A great opportunity for redevelopment exists in a former library area that is currently used as an interventionist space. This beaux arts room is architectural gem that has the potential to be transformed into a large, flexible and aspirational space for young learners.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Nicolet Elementary

### Gross Area of Building

Gross Area	72,000 GSF
Current Enrollment	426 Students
Area / Student	169 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	1	0		Half Day Student
4K	0	0		
Kindergarten	69	4	17.3	SAGE/AGR
First Grade	87	4	21.8	SAGE/AGR
Second Grade	67	5	13.4	SAGE/AGR
Third Grade	75	4	18.8	SAGE/AGR
Fourth Grade	69	3	23.0	
Fifth Grade	56	3	18.7	
<b>Totals</b>	<b>424</b>	<b>23</b>		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
4	Kindergarten	18	72	16.2	64.8
4	First Grade	18	72	16.2	64.8
4	Second Grade	18	72	16.2	64.8
3	Third Grade	18	54	16.2	48.6
3	Fourth Grade	25	75	22.5	67.5
3	Fifth Grade	25	75	22.5	67.5
<b>21</b>	<b>Total Classrooms</b>		<b>420</b>		<b>378.0</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
			<b>420</b>		<b>378</b>
	Current Enrollment		426		426
	<b>Availability Capacity</b>		<b>-6</b>		<b>-48</b>

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	442	461	426	443	454	456	466	459	469	470	469	470
Maximum Capacity	420	420	420	420	420	420	420	420	420	420	420	420
Target Capacity	378	378	378	378	378	378	378	378	378	378	378	378
Maximum Capacity (Over)/Under	(22)	(41)	(6)	(23)	(34)	(36)	(46)	(39)	(49)	(50)	(49)	(50)
Target Capacity (Over)/Under	(64)	(83)	(48)	(65)	(76)	(78)	(88)	(81)	(91)	(92)	(91)	(92)

## RED SMITH SCHOOL (4K-8)

Current Enrollment: 935  
 Target Capacity: 947  
 Maximum Capacity: 1,088

### Summary

Red Smith School is a 4K-8 building with a growing enrollment. Built as a new building in a developing part of the District, the neighborhood is growing around the school and space pressure is mounting. The elementary grade levels are currently nearing their maximum capacity and are projected to continue rising. The middle school has available capacity but is projected to exceed the maximum in the coming years.

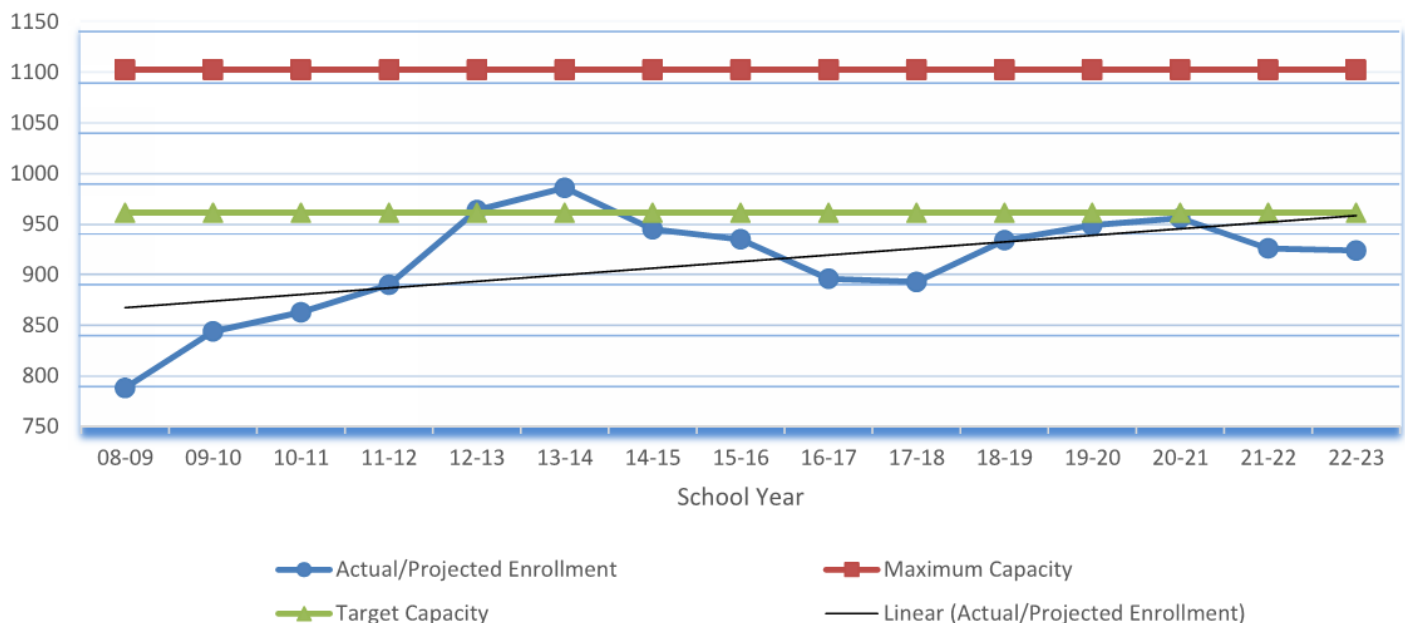
A dedicated student commons (cafeteria) serves all grade levels over three lunch periods. Due to growing enrollment, this space is tight. A stage is situated between the commons and the gymnasium however, larger performances have to be presented toward the gym due to seating limitations in the commons. Stage rigging and lighting should be flipped to face the gym.

A community room near the elementary gym houses afterschool care and visiting UWGB professors. Dedicated exterior access is available.

Introduction of a STEM pathway is being considered. A makerspace and project rooms are desired to facilitate more flexible learning environments. The FACE program is very popular and is in need of a larger, renovated room.

This building houses Early Childhood programming as well as elementary autism programming for the east side of the District.

Red Smith School Enrollment Projection





## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Red Smith School

### Gross Area of Building

Gross Area	158,858 GSF
Current Enrollment	451 Students
Area / Student	352 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	15	1	15.0	Half day students
4K	40	1	40.0	Two half day sessions per room
Kindergarten	62	3	20.7	
First Grade	48	2	24.0	
Second Grade	65	3	21.7	
Third Grade	60	3	20.0	
Fourth Grade	87	4	21.8	
Fifth Grade	72	3	24.0	
Totals	449	20		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	EC	15	15	13.5	13.5
1	4K	22	22	19.8	19.8
3	Kindergarten	23	69	20.7	62.1
2	First Grade	25	50	22.5	45.0
3	Second Grade	25	75	22.5	67.5
3	Third Grade	25	75	22.5	67.5
4	Fourth Grade	25	100	22.5	90.0
3	Fifth Grade	25	75	22.5	67.5
20	Total Classrooms		481		432.9
			Maximum Capacity		Target Capacity
			481		433
	Current Enrollment		451		451
	Availability Capacity		30		-18

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	510	469	451	397	384	399	402	420	422	425	425	425
Maximum Capacity	481	481	481	481	481	481	481	481	481	481	481	481
Target Capacity	433	433	433	433	433	433	433	433	433	433	433	433
Maximum Capacity (Over)/Under	(29)	12	30	84	97	82	79	61	59	56	56	56
Target Capacity (Over)/Under	(77)	(36)	(18)	36	49	34	31	13	11	8	8	8

## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Red Smith School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Sixth Grade	153
Seventh Grade	177
Eighth Grade	153
Total	483

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
15	Standard Classrooms	7	6	86%	28	360	85%	306
4	Science	7	6	86%	28	96	85%	82
<b>15 Core Classroom Sub-Total</b>						<b>456</b>		<b>388</b>
2	Phy-ed Stations	7	5	71%	28	40	85%	34
1	FACE	7	4	57%	28	16	85%	14
1	Tech Ed Stations	7	4	57%	28	16	85%	14
1	Agricultural Sciences	7	4	57%	28	16	85%	14
2	Art	7	4	57%	28	32	85%	27
1	Choir	7	4	57%	30	17	85%	15
1	Band	7	4	57%	50	29	85%	24

Building Capacity  
Current Enrollment  
**Available Capacity**

Maximum Capacity

622

484

138

Target Capacity

528

484

44

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	445	438	422	441	469	476	476	484	499	509	535	547	536	504	499
Maximum Capacity	622	622	622	622	622	622	622	622	622	622	622	622	622	622	622
Target Capacity	528	528	528	528	528	528	528	528	528	528	528	528	528	528	528
Maximum Capacity (Over)/Under	177	184	200	181	153	146	146	138	123	113	87	75	86	118	123
Target Capacity (Over)/Under	83	90	106	87	59	52	52	44	29	19	(7)	(19)	(8)	24	29



## SULLIVAN ELEMENTARY

Current Enrollment: 603 (Including 5K students currently attending ELC)

Target Capacity: 378

Maximum Capacity: 420

### Summary

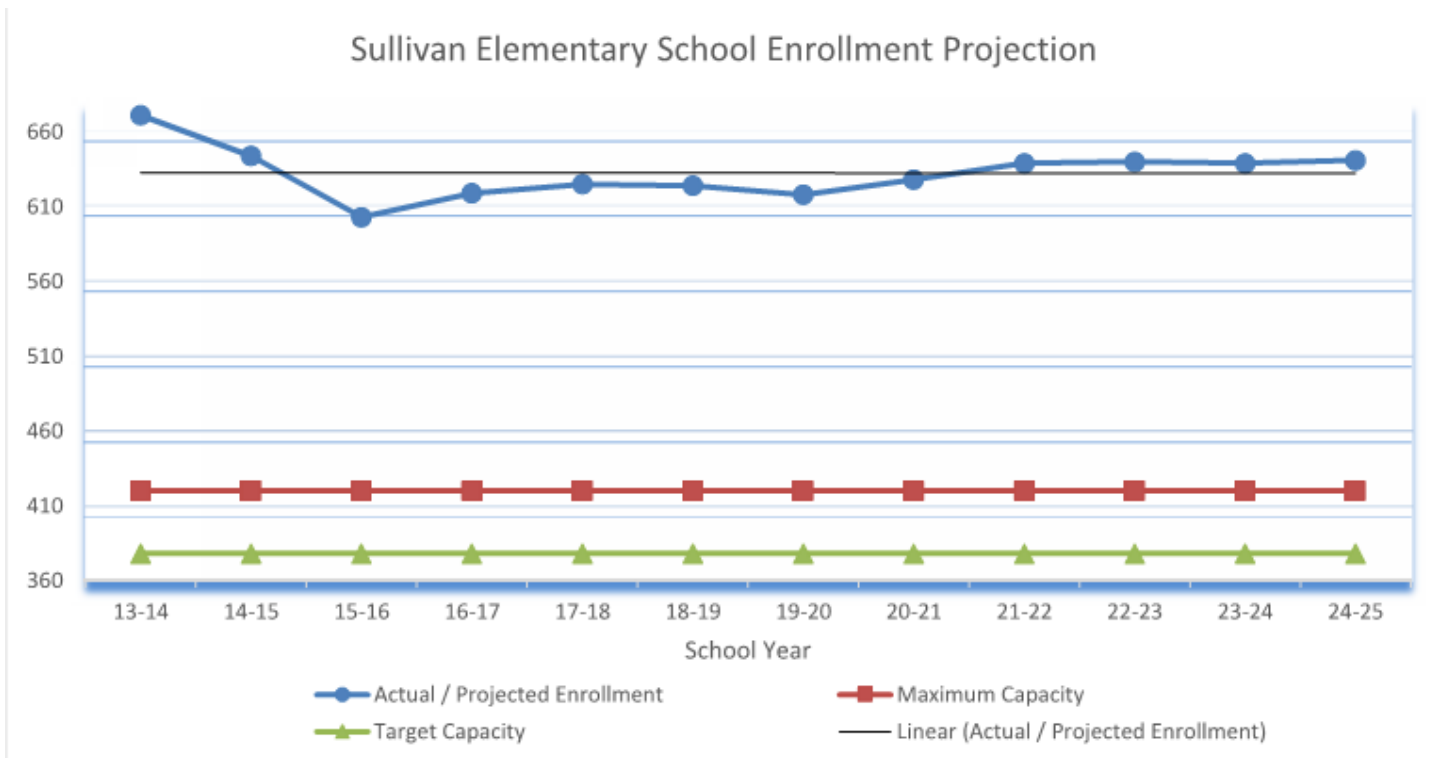
Enrollment at Sullivan Elementary is currently well above its maximum capacity and is projected to remain steady in the coming years. This school currently does not accommodate 4K students due to lack of available space. Some Kindergarten students are the Early Learning Center due to a lack of space. The chart below and the Enrollment Projection numbers on the following page do include Kindergarten students that are currently located at the ELC but would otherwise attend Sullivan Elementary. This is an AGR participating school.

This building was originally built for UWGB. Most classrooms are undersized for current elementary functions. Some rooms are significantly undersized.

Approximately 90% of the student population is eligible for free or reduced lunch. A dedicated student commons (cafeteria) does exist at Sullivan. Dinner is served in the commons.

Sullivan houses ID Severe and Cross Categorical programming as well as autism and special education programming. This building previously housed a regionalized OT/PT program and has an exceptional facility for these purposes including a dedicated activity space. A dental office is also located in the building for student service.

The gym at Sullivan is one of the largest at an elementary school in the District. The YMCA offers wraparound care for students.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Sullivan Elementary

### Gross Area of Building

Gross Area	98,000 GSF	
Total Current 5K-5 Enrollment	603 Students	(Note 127 students currently enrolled at Danz attend class at ELC)
Area / Student	163 GSF	

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	0	0		68 4K students attend ELC
Kindergarten	45	3	15.0	SAGE/AGR, 59 KG students attend ELC
First Grade	99	8	12.4	SAGE/AGR
Second Grade	120	6	20.0	SAGE/AGR
Third Grade	108	6	18.0	SAGE/AGR
Fourth Grade	94	4	23.5	
Fifth Grade	78	4	19.5	
Totals	544	31		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
3	Kindergarten	18	54	16.2	48.6
4	First Grade	18	72	16.2	64.8
4	Second Grade	18	72	16.2	64.8
4	Third Grade	18	72	16.2	64.8
3	Fourth Grade	25	75	22.5	67.5
3	Fifth Grade	25	75	22.5	67.5
21	Total Classrooms		420		378.0
			Maximum Capacity		Target Capacity
			420		378
	Current Enrollment (Excludes Students at ELC)		544		544
	Availability Capacity		-124		-166

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	671	644	603	619	625	624	618	628	639	640	639	641
Maximum Capacity	420	420	420	420	420	420	420	420	420	420	420	420
Target Capacity	378	378	378	378	378	378	378	378	378	378	378	378
Maximum Capacity (Over)/Under	(251)	(224)	(183)	(199)	(205)	(204)	(198)	(208)	(219)	(220)	(219)	(221)
Target Capacity (Over)/Under	(293)	(266)	(225)	(241)	(247)	(246)	(240)	(250)	(261)	(262)	(261)	(263)

## TANK ELEMENTARY

Current Enrollment: 221  
 Target Capacity: 284  
 Maximum Capacity: 316

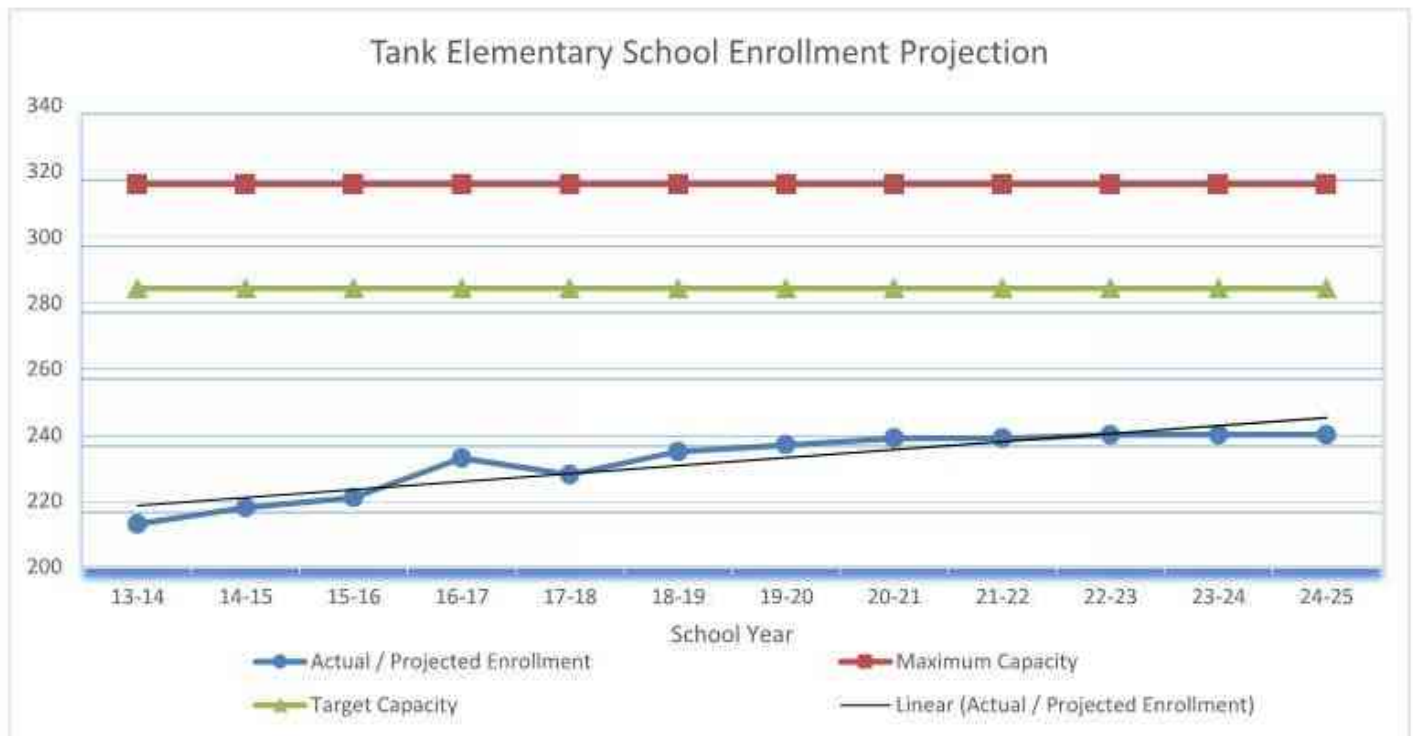
### Summary

Enrollment at Tank Elementary is currently well below its maximum capacity and is projected to remain steady in the coming years. This school currently does not accommodate 4K students. This is an AGR participating school.

Approximately 95% of the student population is eligible for free or reduced lunch. A dedicated student commons (cafeteria) does not exist. Students are served lunch in the gymnasium. Universal breakfast is scheduled to be added by the end of the 2015/16 school year.

The current gymnasium is small and is utilized extensively. A community space is desired to serve both students and neighborhood families. Space for storing donated clothing is needed.

Several classrooms in the building are undersized by current standards. Intervention spaces and breakout spaces are needed to increase flexibility within the building.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Tank Elementary

### Gross Area of Building

Gross Area	38,107 GSF
Current Enrollment	221 Students
Area / Student	172 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	0	0		
Kindergarten	41	3	13.7	SAGE/AGR
First Grade	39	3	13.0	SAGE/AGR
Second Grade	38	3	12.7	SAGE/AGR
Third Grade	34	3	11.3	SAGE/AGR
Fourth Grade	46	3	15.3	
Fifth Grade	22	1	22.0	
Totals	220	16		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
3	Kindergarten	18	54	16.2	48.6
3	First Grade	18	54	16.2	48.6
3	Second Grade	18	54	16.2	48.6
3	Third Grade	18	54	16.2	48.6
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
16	Total Classrooms		316		284.4
			Maximum Capacity		Target Capacity
			316		284
	Current Enrollment		221		221
	Availability Capacity		95		63

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	213	218	221	233	228	235	237	239	239	240	240	240
Maximum Capacity	316	316	316	316	316	316	316	316	316	316	316	316
Target Capacity	284	284	284	284	284	284	284	284	284	284	284	284
Maximum Capacity (Over)/Under	103	98	95	83	88	81	79	77	77	76	76	76
Target Capacity (Over)/Under	71	66	63	51	56	49	47	45	45	44	44	44



## WEBSTER ELEMENTARY

Current Enrollment: 345  
 Target Capacity: 342  
 Maximum Capacity: 380

### Summary

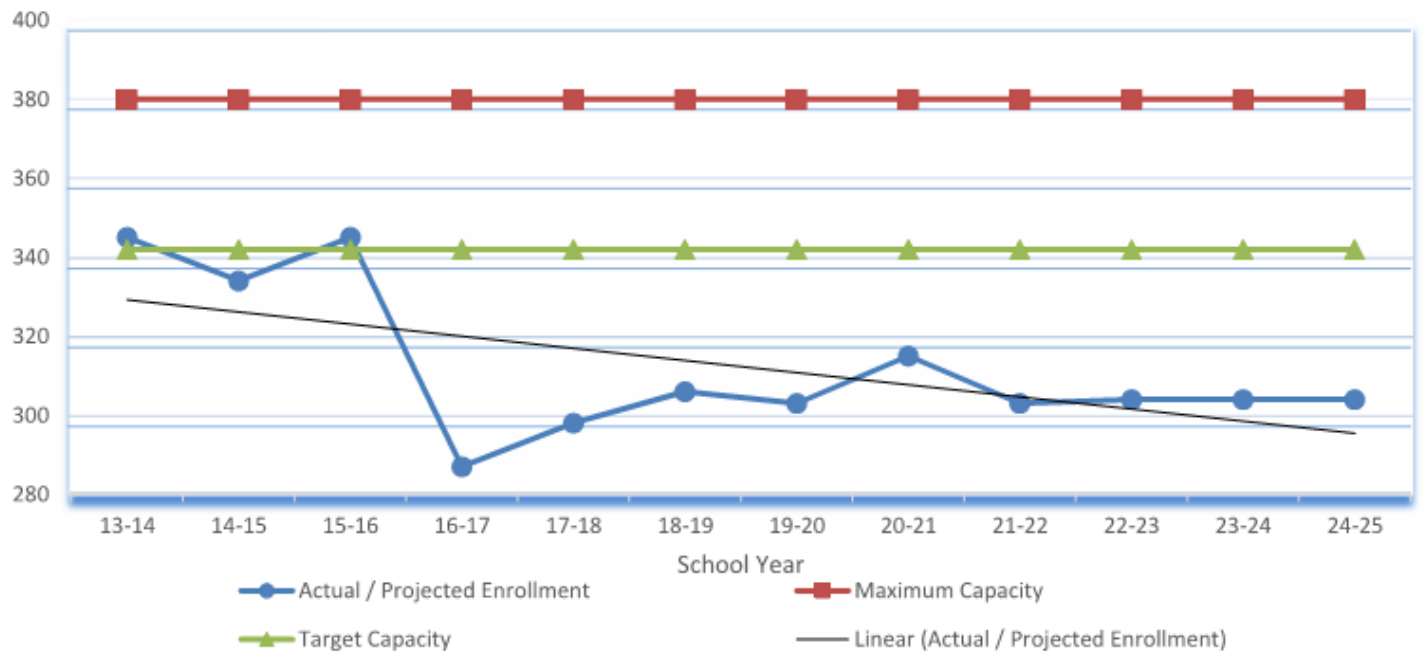
Enrollment at Webster Elementary is currently below its maximum capacity and is projected to be relatively stable over the coming years. This school currently does accommodate 4K and Early Childhood students. The EC program currently has a waiting list to enroll in.

Approximately 50% of the student population is eligible for free or reduced lunch. A dedicated student commons (cafeteria) does not exist.

Webster utilizes a Kennedy Center model which emphasis the arts throughout curriculum. Every student receives two music lessons from grade two on. Approximately one third of the students enroll into this school from outside the attendance area.

As an arts school, a proper performance space is desired. A book storage room has been displaced to provide a piano lab for student practice. The computer lab is underutilized and could be repurposed for additional music space.

Webster Elementary School Enrollment Projection



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Webster Elementary

### Gross Area of Building

Gross Area	47,032 GSF
Current Enrollment	345 Students
Area / Student	136 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
EC	13	2	6.5	Half Day Students
4K	33	1	16.5	Two half day sessions per room
Kindergarten	79	4	19.8	SAGE/AGR
First Grade	36	2	18.0	SAGE/AGR
Second Grade	55	3	18.3	SAGE/AGR
Third Grade	35	2	17.5	SAGE/AGR
Fourth Grade	40	2	20.0	
Fifth Grade	40	2	20.0	
<b>Totals</b>	<b>331</b>	<b>18</b>		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
2	EC	15	60	13.5	54.0
1	4K	22	22	19.8	19.8
4	Kindergarten	18	72	16.2	64.8
2	First Grade	18	36	16.2	32.4
3	Second Grade	18	54	16.2	48.6
2	Third Grade	18	36	16.2	32.4
2	Fourth Grade	25	50	22.5	45.0
2	Fifth Grade	25	50	22.5	45.0
<b>18</b>	<b>Total Classrooms</b>		<b>380</b>		<b>342.0</b>
			<b>Maximum Capacity</b>		<b>Target Capacity</b>
			<b>380</b>		<b>342</b>
	Current Enrollment		345		345
	<b>Availability Capacity</b>		<b>35</b>		<b>-3</b>

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	345	334	345	287	298	306	303	315	303	304	304	304
Maximum Capacity	380	380	380	380	380	380	380	380	380	380	380	380
Target Capacity	342	342	342	342	342	342	342	342	342	342	342	342
Maximum Capacity (Over)/Under	35	46	35	93	82	74	77	65	77	76	76	76
Target Capacity (Over)/Under	(3)	8	(3)	55	44	36	39	27	39	38	38	38

## WEQUIOCK ELEMENTARY

Current Enrollment: 154

Target Capacity: 176

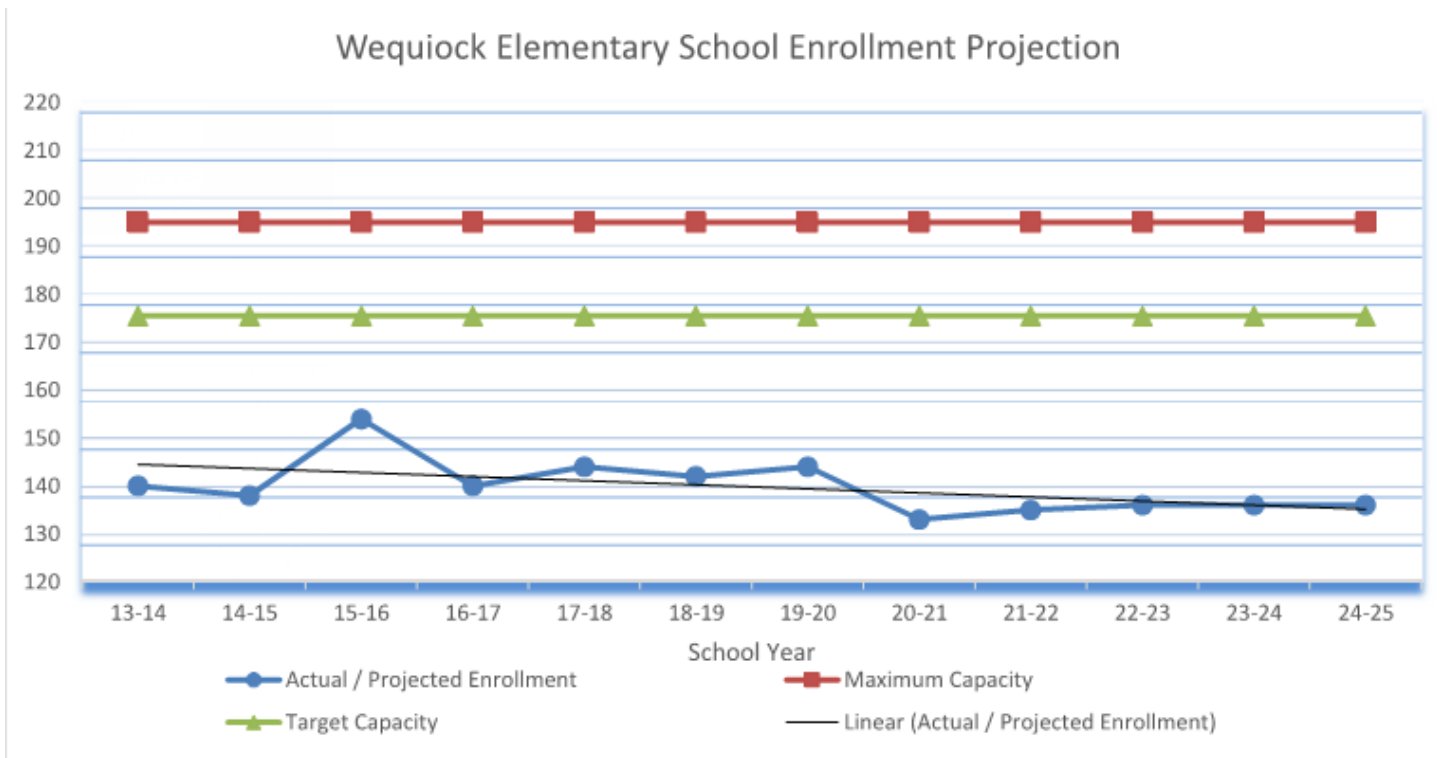
Maximum Capacity: 195

### Summary

Enrollment at Wequiock Elementary is currently below its maximum capacity and is projected to remain steady over the coming years. This school currently does accommodate 4K students.

Wequiock Elementary is situated on a dramatic site with views to Green Bay and is within the Bay Beach Wildlife Sanctuary. While there is some new residential development in the area, this school has capacity to grow programming within the existing space. A STEM pathway or environmental pathway has been suggested for this school.

The computer lab is underutilized and could be used for other purposes. A science lab is desired to support STEM programming. Additional flexible learning spaces are desired in the building as well as a Makerspace.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Wequiock Elementary

### Gross Area of Building

Gross Area	27,347 GSF
Current Enrollment	154 Students
Area / Student	178 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	13	1	13.0	Two half day sessions per room
Kindergarten	20	1	20.0	
First Grade	36	2	18.0	
Second Grade	21	1	21.0	
Third Grade	24	1	24.0	
Fourth Grade	18	1	18.0	
Fifth Grade	22	1	22.0	
Totals	154	8		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
1	4K	22	22	19.8	19.8
1	Kindergarten	23	23	20.7	20.7
2	First Grade	25	50	22.5	45.0
1	Second Grade	25	25	22.5	22.5
1	Third Grade	25	25	22.5	22.5
1	Fourth Grade	25	25	22.5	22.5
1	Fifth Grade	25	25	22.5	22.5
8	Total Classrooms		195		175.5
			Maximum Capacity		Target Capacity
			195		176
	Current Enrollment		154		154
	Availability Capacity		41		22

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	140	138	154	140	144	142	144	133	135	136	136	136
Maximum Capacity	195	195	195	195	195	195	195	195	195	195	195	195
Target Capacity	176	176	176	176	176	176	176	176	176	176	176	176
Maximum Capacity (Over)/Under	55	57	41	55	51	53	51	62	60	59	59	59
Target Capacity (Over)/Under	36	38	22	36	32	34	32	43	41	40	40	40

## WILDER ELEMENTARY

Current Enrollment: 437  
 Target Capacity: 400  
 Maximum Capacity: 4444

### Summary

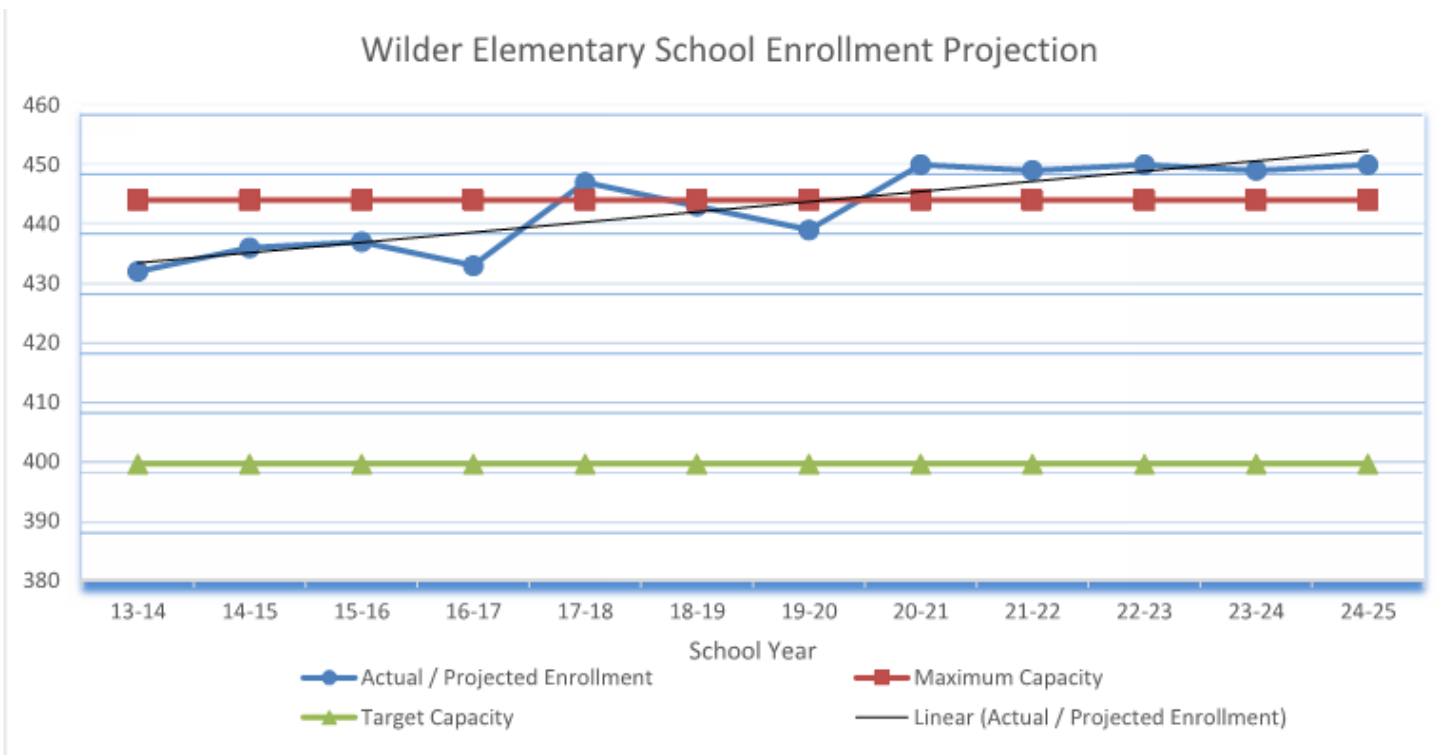
Enrollment at Wilder Elementary is currently just below its maximum capacity and is projected to rise slightly above capacity over the coming years. This school currently does not accommodate 4K students due to lack of available classrooms.

Approximately 52% of the student population is eligible for free or reduced lunch. A dedicated student commons (cafeteria) does exist.

This building does not have a secure entrance sequence. The administrative offices are near the front entrance but are separated by primary corridors. Relocation of the administrative offices is suggested to allow for a proper entry sequence.

Classrooms in this building are typically undersized by current standards. Interventionists are housed in a storage room between the Student Commons and the Gym. ESL teachers are based in the space that was designed as the storytelling area in the IMC. Fifth Grade Band is accommodated in a PE storage room near the gym. Consideration should be given to a revision of space utilization and appropriate sizing across the building.

No OT/PT space is available in the building resulting in services being provided in a corner of the student commons. In past years, the music room has been relocated to the commons as well due to lack of space.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Wilder Elementary

### Gross Area of Building

Gross Area	47,200 GSF
Current Enrollment	437 Students
Area / Student	108 GSF

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	0	0		15 4K students attend ELC
Kindergarten	78	4	19.5	
First Grade	65	3	21.7	
Second Grade	77	4	19.3	
Third Grade	74	3	24.7	
Fourth Grade	64	3	21.3	1 Combined GR. 4/5 Classroom
Fifth Grade	79	3	26.3	
Totals	437	20		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
0	4K	22			
3	Kindergarten	23	69	20.7	62.1
3	First Grade	25	75	22.5	67.5
3	Second Grade	25	75	22.5	67.5
3	Third Grade	25	75	22.5	67.5
3	Fourth Grade	25	75	22.5	67.5
3	Fifth Grade	25	75	22.5	67.5
18	Total Classrooms		444		399.6

	Maximum Capacity	Target Capacity
	444	400
Current Enrollment	437	437
Availability Capacity	7	-37

### Enrollment Projection

	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25
Actual / Projected Enrollment	432	436	437	433	447	443	439	450	449	450	449	450
Maximum Capacity	444	444	444	444	444	444	444	444	444	444	444	444
Target Capacity	400	400	400	400	400	400	400	400	400	400	400	400
Maximum Capacity (Over)/Under	12	8	7	11	(3)	1	5	(6)	(5)	(6)	(5)	(6)
Target Capacity (Over)/Under	(32)	(36)	(37)	(33)	(47)	(43)	(39)	(50)	(49)	(50)	(49)	(50)

## EARLY LEARNING CENTER

Current Enrollment: 446

Target Capacity: 486

Maximum Capacity: 540

### Summary

The Early Learning Center (ELC) is a school facility that accommodates Kindergarten and 4K students from neighborhood schools that do not have available space. Located within a former church school, the space is leased and not owned by the District. Kindergarten students from Danz, Eisenhower and Sullivan Elementary Schools are located at this building.

Approximately 92% of the student population is eligible for free or reduced lunch. Universal breakfast is offered. A dedicated student commons (cafeteria) does not exist. The space used for both cafeteria and gym is the parish hall for the church as well. It is neither a good space for a student commons nor a gymnasium as ceiling heights are limited.

This building does not have a secure entrance sequence. Due to ongoing use of the church facility, the current organization of the building does not allow for clean separation of school and church functions. On days when daytime events are held at the church, students must remain indoors for recess. No dedicated outdoor play space is available requiring students to either have recess in the church parking lot (when available) or walk across the street to a public park.

The ELC also houses bilingual Early Childhood program. Four classrooms are utilized for this purpose.

Art is currently not offered to students but may be added in the future. If this programming is added, it will be a traveling offering from a cart due to lack of available space in the building.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Early Learning Center

### Gross Area of Building

Gross Area  
Current Enrollment  
Area / Student

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	241	6	20.1	Two half day sessions per room
Kindergarten	205	12	17.1	
Totals	446	18		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
6	4K	22	264	19.8	237.6
12	Kindergarten	23	276	20.7	248.4
18	Total Classrooms		540		486.0
			Maximum Capacity		Target Capacity
			540		486
	Current Enrollment		446		446
	Availability Capacity		94		40

## **FROEBEL EARLY LEARNING CENTER**

Current Enrollment: 203

Target Capacity: 239

Maximum Capacity: 266

### **Summary**

The Froebel Early Learning Center (Froebel) is a school facility that accommodates Kindergarten and 4K students from neighborhood schools that do not have available space. Located within a former church school, the space is owned by the District and has had some recent facility improvements. Kindergarten students from Baird, Martin and McAuliffe Elementary Schools are located at this building.

After the completion of recent renovation, this building does now have a secure entrance sequence. A dedicated student commons does exist. This facility is sometimes used for District professional development.

## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Friedrich Froebel Elementary

### Gross Area of Building

Gross Area  
Current Enrollment  
Area / Student

### Current Enrollment and Room Usage - Year 2015/16

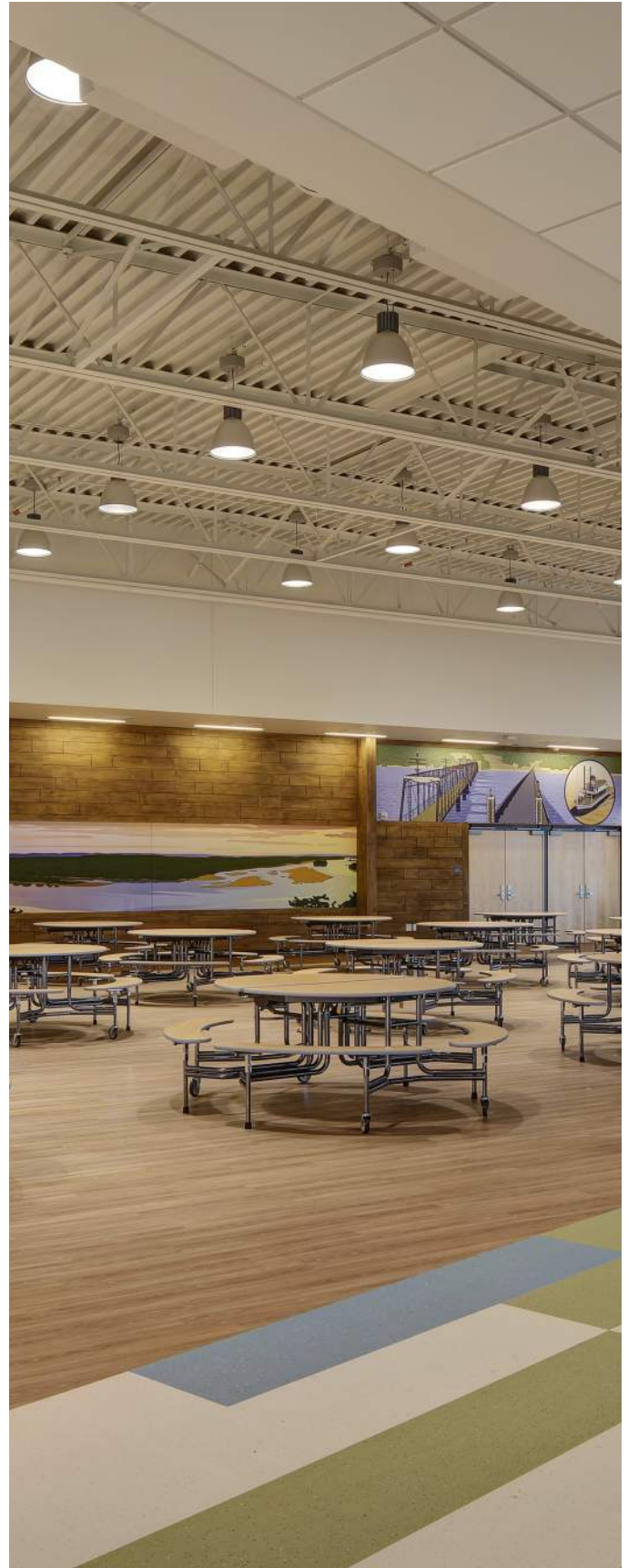
Program	Current Enrollment	Number of Rooms Used	Number of Students per Room	Notes
4K	158	5	15.8	Two half day sessions per room
Kindergarten	45	2	22.5	
Totals	203	7		

### Enrollment Capacity based on Maximum and Target Class Size

No of Rooms	Program	Maximum Class Size	Maximum Capacity	Target Class Size	Target Capacity
5	4K	22	220	19.8	198.0
2	Kindergarten	23	46	20.7	41.4
7	Total Classrooms		266		239.4
			Maximum Capacity		Target Capacity
			266		239
	Current Enrollment		203		203
	Availability Capacity		63		36



## Middle School - Educational Space Analysis



## Middle School Capacity

The capacity of each middle school is based upon the number of educational stations available within each building. The number of educational spaces is then multiplied by the number of students to occupy the space which has been determined by the District's Class Size Guidelines. The **Usage Factor** is determined by the number of periods per day an educational station is actually used divided by the number of periods that the building operates within an instructional day. The resultant calculation is then multiplied by 85% **Efficiency Factor** as previously described. Each classroom or instructional space that has been assigned for student credit will be factored in to the calculation. This method will determine how many students are in an assigned instruction space at any one period of the day. After a period has ended, the students rotate to another instructional space. The periods that each instructional space is used will vary depending upon the administration's scheduling of the spaces, as will the target class size number, which is dependent upon the acceptable number of students assigned.

### Maximum Class Size Formula:

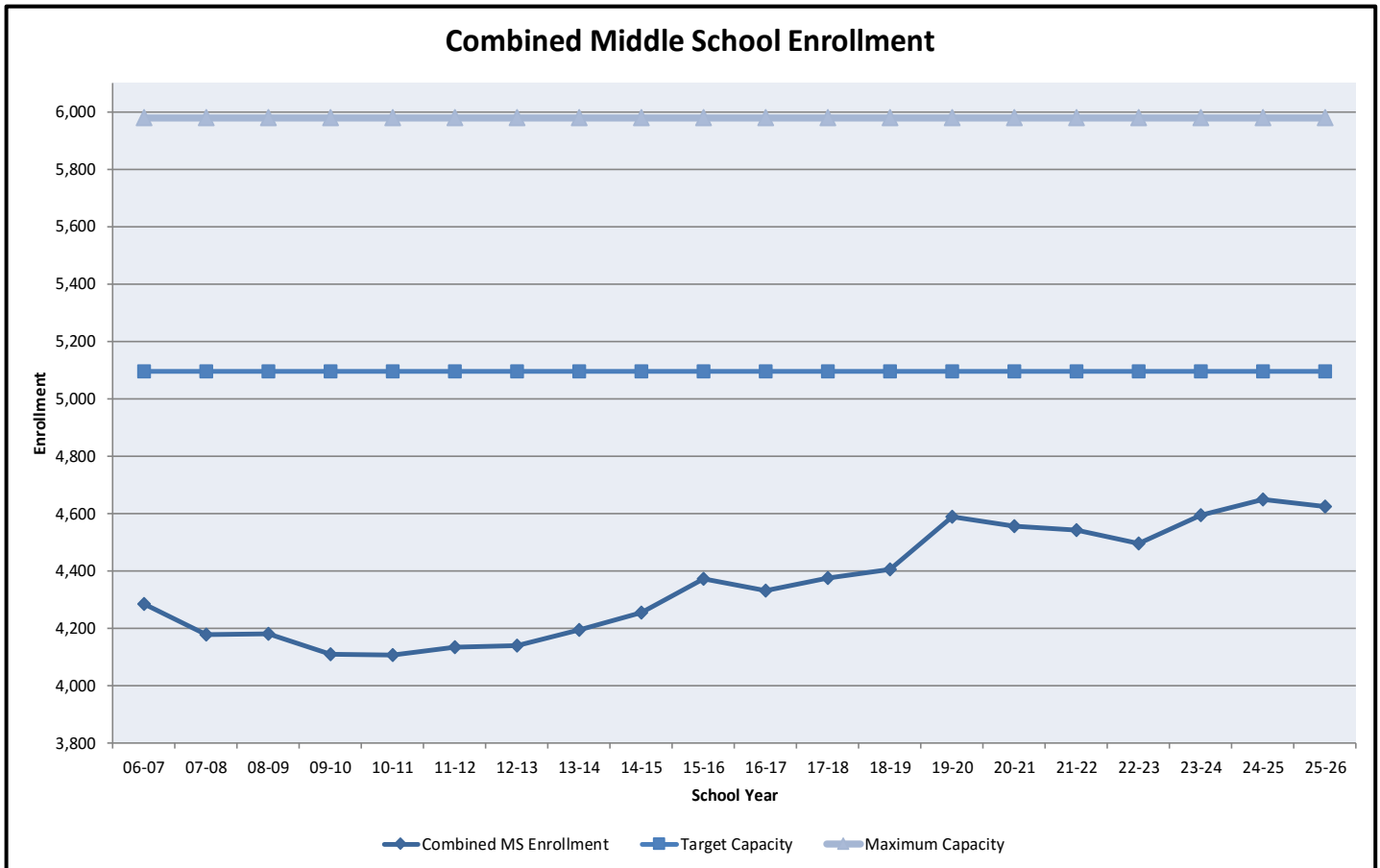
$\text{Periods used} / \text{Periods in day} = \text{Usage Factor \%}$

$\text{Number of Rooms} * \text{Usage Factor \%} * \text{Class size} = \text{Maximum Capacity}$

### Target Class Size Formula:

$\text{Periods used} / \text{Periods in day} = \text{Usage Factor \%}$

$\text{Number of Rooms} * \text{Usage Factor \%} * \text{Class size} = \text{Capacity} * 85\% (\text{Efficiency Factor}) = \text{Target Capacity}$



Data Source: Applied Population Labs Report Dated September 2016

As the previous chart indicates, the Green Bay Area Public School District has seen a relatively consistent growth in middle school enrollment over the past several years. That trend is projected to continue for the foreseeable future.

The combined enrollment includes sixth through eighth grade students who attend the K-8 schools (Aldo, Da Vinci and Red Smith). For simplicity, the chart above indicated combine middle school capacity as a constant value however, with the expansion of Da Vinci; the actual target capacity value has risen to its current level in just the last few years.



## EDISON MIDDLE SCHOOL

Current Enrollment: 1,183

Target Capacity: 1,137

Maximum Capacity: 1,337

### SUMMARY

Edison Middle School serves student from Danz, Eisenhower, Martin, McAuliffe, Sullivan and Wilder Elementary Schools who then move on to Preble High School. Students are currently organized by house structure in only the sixth grade.

Enrollment at Edison Middle School is currently above its target capacity but below its maximum capacity. Over the coming years, enrollment is projected to generally remain within this range.

Approximately 65% of the student population is eligible for free or reduced lunch. Breakfast is served in the cafeteria. Students who arrive early are allowed to use the IMC and gymnasium in addition to the cafeteria. The cafeteria is poorly organized which creates supervision issues. The serving kitchen is very small for the number of meals served and its storage is remote. Consideration should be given to an overall modernization into a more flexible student commons with a larger and better equipped kitchen.

Typical classrooms average at or just below 800 SF which is typical for a building of this age. Science classrooms grouped together on the first floor. Demand for these spaces has grown in recent years resulting in scheduling challenges. Currently, some sixth grade science sections are taught in standard classrooms.

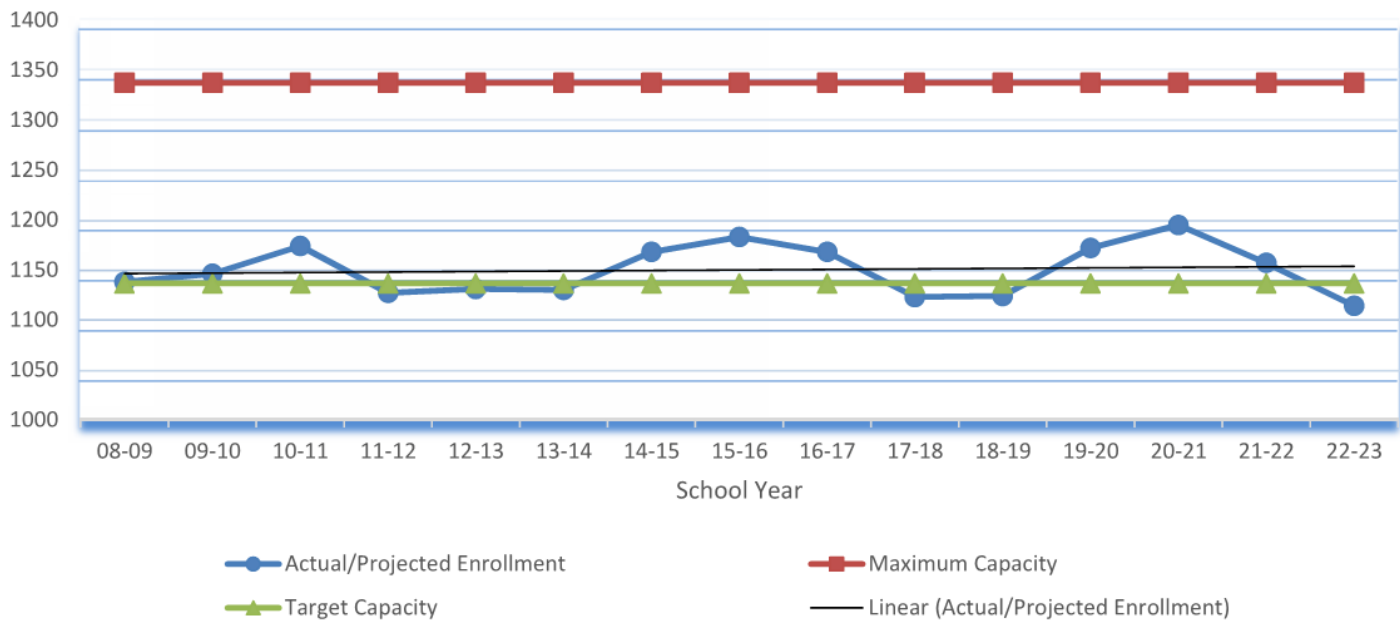
Career and Technical Educations (CTE) space is generally in good condition in this building and while current programming is fairly standard in offerings, the space does allow future flexibility. Agricultural Science classes are popular at Edison. The current Ag room is segregated from both CTE programming and science programming and is located in smaller interior room. Consideration should be given to relocating this program to a more appropriate facility within the building.

The front entrance to the building is not well organized. While clearly identifiable from the street, no visitor parking is provided near the door. While the front doors are locked and visitors must be buzzed into the school, once inside the front doors they are not within the administrative offices. The front door entry sequence should be improved to provide direct entry into the office area.

Some of the athletic facilities at Edison are somewhat undersized for the number of students. The main gymnasium is well sized but support spaces, specifically the weight room and apparatus room are small for the level of use they serve. Edison does have one of two swimming pools within the District. This serves as a fourth gym station for PE scheduling. Scheduling of PE classes is difficult during winter months when outdoor facilities cannot be used.

Music spaces are undersized for the number of students served. All sixth grade students are required to have a music class. Currently all music classes are scheduled in either the Band or Choral rooms, both of which are somewhat undersized.

### Edison Middle School Enrollment Projection



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Edison Middle School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Sixth Grade	383
Seventh Grade	407
Eighth Grade	389
<b>Total</b>	<b>1,179</b>

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
33	Standard Classrooms	7	6	86%	28	792	85%	673
8	Science	7	6	86%	28	192	85%	163
<b>41 Core Classroom Sub-Total</b>						<b>984</b>		<b>836</b>
2	Phy-ed Stations	7	6	86%	28	48	85%	41
1	Aux Gym	7	6	86%	28	24	85%	20
1	Pool	7	5	71%	28	20	85%	17
2	FACE	7	5	71%	28	40	85%	34
2	Tech Ed Stations	7	6	86%	28	48	85%	41
1	Agricultural Sciences	7	4	57%	28	16	85%	14
2	Business Education	7	5	71%	28	40	85%	34
1	Health Classroom	7	5	71%	28	20	85%	17
2	Art	7	5	71%	28	40	85%	34
1	Choir	7	5	71%	30	21	85%	18
1	Band	7	5	71%	50	36	85%	30

	Maximum Capacity	Target Capacity
Building Capacity	1,337	1,137
Current Enrollment	1,183	1,183
<b>Available Capacity</b>	<b>154</b>	<b>-46</b>

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	1,138	1,146	1,174	1,127	1,131	1,130	1,168	1,183	1,168	1,123	1,124	1,172	1,195	1,157	1,114
Maximum Capacity	1,337	1,337	1,337	1,337	1,337	1,337	1,337	1,337	1,337	1,337	1,337	1,337	1,337	1,337	1,337
Target Capacity	1,137	1,137	1,137	1,137	1,137	1,137	1,137	1,137	1,137	1,137	1,137	1,137	1,137	1,137	1,137
Maximum Capacity (Over)/Under	199	191	163	210	206	207	169	154	169	214	213	165	142	180	223
Target Capacity (Over)/Under	(1)	(9)	(37)	10	6	7	(31)	(46)	(31)	14	13	(35)	(58)	(20)	23



## FRANKLIN MIDDLE SCHOOL

Current Enrollment: 713  
Target Capacity: 1,084  
Maximum Capacity: 1,275

### Summary

Franklin Middle School serves student from Beaumont, Chappell, Elmore, Ft. Howard, Jackson, Jefferson, Lincoln and Tank Elementary Schools who then move on to West High School. All grade levels are organized into houses. Franklin Middle School is an International Baccalaureate program school.

Enrollment at Franklin Middle School is currently well below its target capacity and is projected to remain generally flat for the foreseeable future.

Approximately 78% of the student population is eligible for free or reduced lunch. Breakfast is served in the cafeteria. The cafeteria is working well with the number of students spread over three lunch periods.

Franklin Middle School has recently completed some facility renovations. The auditorium was updated with all new seating. Mechanical systems were also upgraded.

Typical classrooms vary widely in size from approximately 650 SF to over 1,000. Science classrooms are distributed around the building and are not part of a focused STEM suite as might be seen in a newer middle school building.

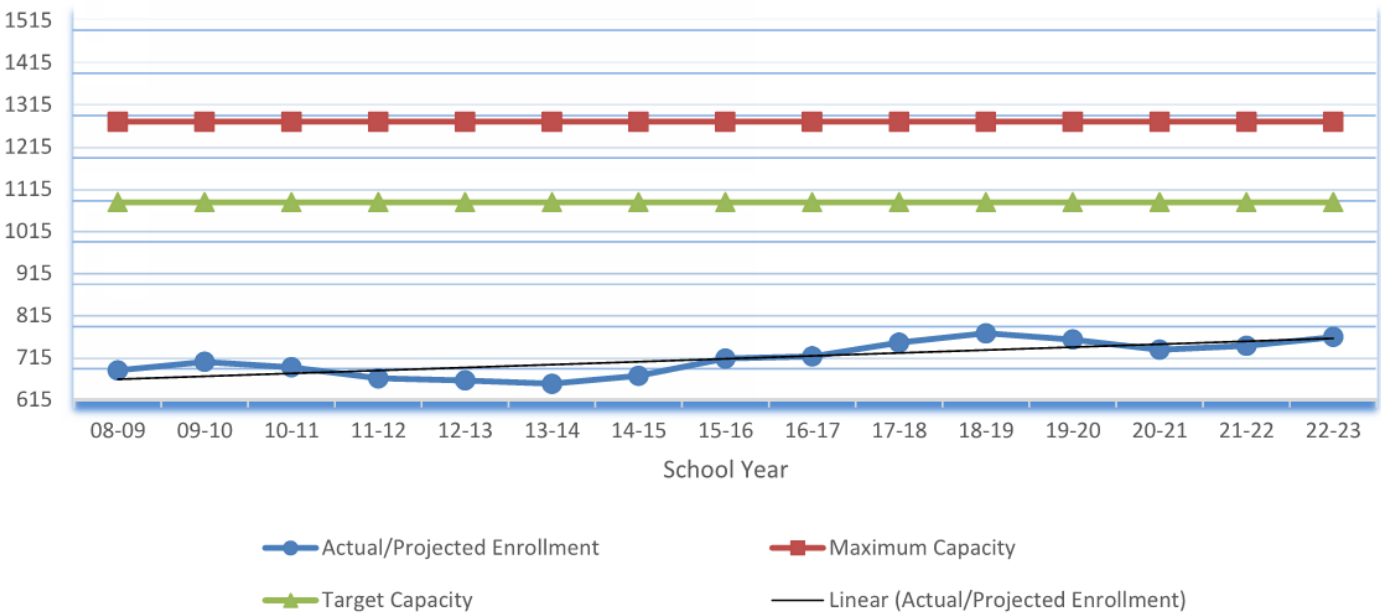
Career and Technical Education (CTE) spaces are very traditional and lined up along one side of an academic wing. As configured the CTE suite does not allow for program flexibility. As some Franklin students will feed in the District's Bay Link Manufacturing program in high school, consideration should be given to developing spaces that would naturally lead into more advanced programming.

FACE programming has recently be added to curriculum offerings at Franklin. The space that is currently being used for this class is in poor condition and should be renovated to offer an introductory experience to the culinary arts programming that is offered at the District high schools.

The gymnasium is well sized and adequate for the number of students served. An auxiliary gym provides additional educational capacity for the PE program. Locker rooms are in need of renovate. The current configuration is unequal in size between boys and girls and should be brought into balance.

As a school with available capacity, Franklin has the opportunity to redevelop excess space into flexible learning environments. If enrollment does stay at the levels that are projected, it would be recommended that opportunities to create breakout spaces, project rooms and other collaborative learning spaces be sought out.

### Franklin Middle School Enrollment Projection



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Franklin Middle School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Sixth Grade	241
Seventh Grade	249
Eighth Grade	215
Total	705

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
40	Standard Classrooms	7	6	86%	28	960	85%	816
4	Science	7	6	86%	28	96	85%	82
<b>44 Core Classroom Sub-Total</b>						<b>1,056</b>		<b>898</b>
3	Phy-ed Stations	7	5	71%	28	60	85%	51
1	FACE	7	4	57%	28	16	85%	14
3	Tech Ed Stations	7	4	57%	28	48	85%	41
2	Art	7	4	57%	28	32	85%	27
1	Choir	7	4	57%	30	17	85%	15
1	Band	7	4	57%	50	29	85%	24
1	Music Classroom	7	4	57%	30	17	85%	15
						<b>Maximum Capacity</b>		<b>Target Capacity</b>
						<b>1,275</b>		<b>1,084</b>
						<b>Building Capacity</b>		
						<b>713</b>		<b>713</b>
						<b>Current Enrollment</b>		
						<b>562</b>		<b>371</b>
						<b>Available Capacity</b>		

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	685	705	692	666	661	653	672	713	718	751	773	758	734	743	764
Maximum Capacity	1,275	1,275	1,275	1,275	1,275	1,275	1,275	1,275	1,275	1,275	1,275	1,275	1,275	1,275	1,275
Target Capacity	1,084	1,084	1,084	1,084	1,084	1,084	1,084	1,084	1,084	1,084	1,084	1,084	1,084	1,084	1,084
Maximum Capacity (Over)/Under	590	570	583	609	614	622	603	562	557	524	502	517	541	532	511
Target Capacity (Over)/Under	399	379	392	418	423	431	412	371	366	333	311	326	350	341	320





## LOMBARDI MIDDLE SCHOOL

Current Enrollment: 827  
Target Capacity: 1,075  
Maximum Capacity: 1,265

### SUMMARY

Lombardi Middle School serves student from Beaumont, Doty, Keller, Kennedy, King, Langlade, MacArthur and Tank Elementary Schools who then move on to Southwest High School. Students are currently organized by house structure in only the sixth grade.

Enrollment at Lombardi Middle School is currently well below its target capacity and is projected to remain generally flat for the foreseeable future.

Lombardi Middle School has a strong culture of collaboration. The school has recently been recognized the Wisconsin Department of Public Instruction for its success in closing the achievement gap. The transient rate is low at this school.

Cafeteria space is split into two spate spaces. The primary space is located on the first floor directly in front of the auditorium. It is inadequate in size to serve student demand even though three lunch periods are currently utilized. A second cafeteria space is located in the lower level of the school. All serving areas are located at the main cafeteria. Space for a possible addition to the main cafeteria is available.

The main entrance is reasonably identifiable however, a proper secure entry sequence is not in place. The administration offices are located in the middle of the building and not adjacent to an exterior wall. A visitor to the building is met by locked doors and must be buzzed into the school. Similar to the cafeteria addition noted above, relocation of the administration and creation of new entry is possible on the east side of the building.

Classrooms at Lombardi are typically adequately sized with most just under 900 SF in area. The second floor has many classrooms that are divided by moveable partitions. These partitions are reportedly rarely used and do not provide good acoustical separation. Consideration should be given to installation of better partition system that may include a movable panel door with sound seals.

Gym space is adequate for the number of students served. An upper gym storage room has recently been converted into fitness / cardio room for student programming. Possibly as a result, PE storage is now lacking. Locker rooms are adequately sized but are in poor condition. Complete renovation should be considered.

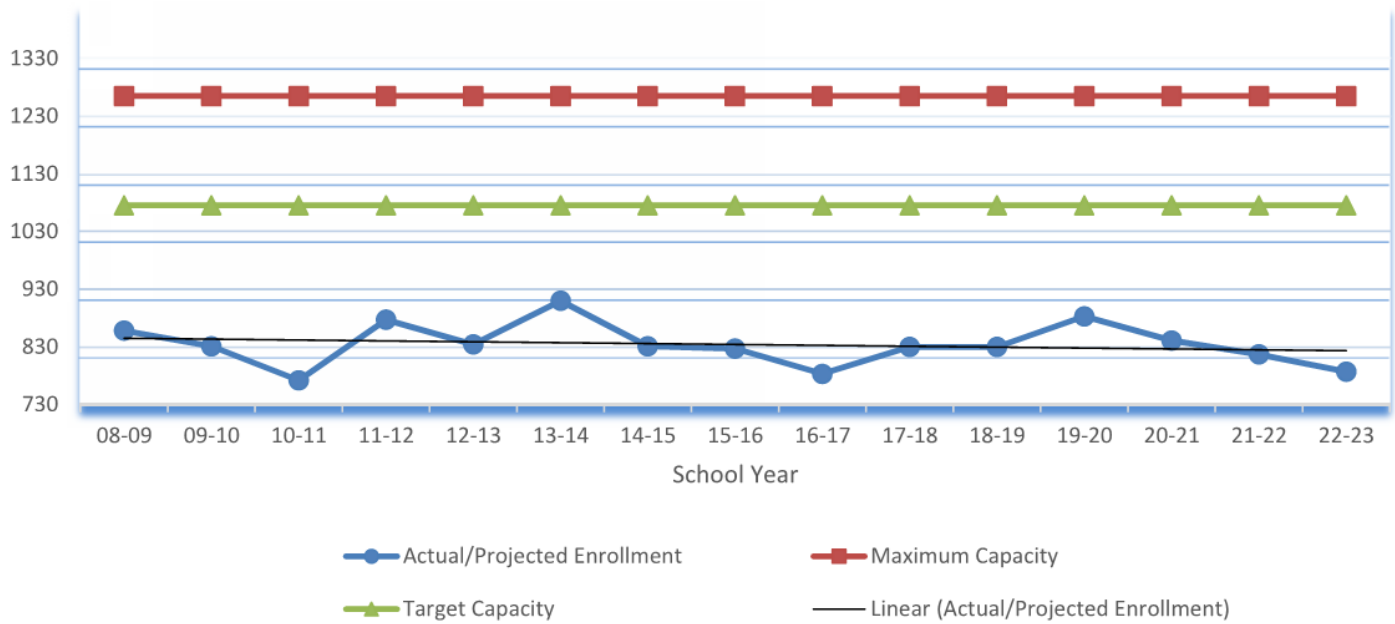
The auditorium at Lombardi was recently renovated with new seating and finishes. Some lighting was also replaced as part of that project. Band and choral rooms are adequately sized but outdated. Additional music spaces have been located in the lower level of the building, remote from the main performing arts spaces.

Career and Technical Education (CTE) spaces are traditional in organization along one side of the building. A product manufacturing lab is being established to bring student the opportunity to experience an introduction to modern manufacturing methodologies.

Computer labs are underutilized and could be considered as opportunities for introducing flexible learning spaces.

As a school with available capacity, Lombardi has the opportunity to redevelop excess space into flexible learning environments. If enrollment does stay at the levels that are projected, it would be recommended that opportunities to create breakout spaces, project rooms and other collaborative learning spaces be sought out. With an established culture of collaboration, Lombardi may be an excellent site to develop flexible spaces and programs that could be implemented across the District.

Lombardi Middle School Enrollment Projection



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Lombardi Middle School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Sixth Grade	273
Seventh Grade	247
Eighth Grade	285
Total	805

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
32	Standard Classrooms	7	6	86%	28	768	85%	653
7	Science	7	6	86%	28	168	85%	143
<b>39 Core Classroom Sub-Total</b>						<b>936</b>		<b>796</b>
2	Phy-ed Stations	7	6	86%	28	48	85%	41
2	Health Classroom	7	4	57%	28	32	85%	27
1	FACE	7	5	71%	28	20	85%	17
1	YES Classroom	7	4	57%	28	16	85%	14
4	Tech Ed Stations	7	5	71%	28	80	85%	68
1	Agricultural Sciences	7	4	57%	28	16	85%	14
2	Business Education	7	5	71%	28	40	85%	34
1	Art	7	5	71%	28	20	85%	17
1	Choir	7	5	71%	30	21	85%	18
1	Band	7	5	71%	50	36	85%	30

	Maximum Capacity	Target Capacity
Building Capacity	1,265	1,075
Current Enrollment	827	827
<b>Available Capacity</b>	<b>438</b>	<b>248</b>

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	858	831	772	877	834	910	831	827	783	830	830	883	841	817	787
Maximum Capacity	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265	1,265
Target Capacity	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075
Maximum Capacity (Over)/Under	407	434	493	388	431	355	434	438	482	435	435	382	424	448	478
Target Capacity (Over)/Under	217	244	303	198	241	165	244	248	292	245	245	192	234	258	288



## WASHINGTON MIDDLE SCHOOL

Current Enrollment: 905  
Target Capacity: 989  
Maximum Capacity: 1,147

### SUMMARY

Washington Middle School serves student from Doty, Eisenhower, Howe, Langlade, Nicolet, Sullivan, Webster and Wilder Elementary Schools who then move on to East High School. Students are currently organized by house structure in only the sixth grade.

This is the first year Washington Middle School has been a Title 1 school.

Enrollment at Washington Middle School is currently below its target capacity and is projected to remain generally flat for the foreseeable future.

Approximately 80% of the student population is eligible for free or reduced lunch. The cafeteria is reasonably sized and is working with the number of students spread over three lunch periods.

The main gymnasium is adequately sized. A secondary smaller gym is also available for PE classes. Adjacent to the main gym are a weight room and a health classroom. No athletic fields are available on site. PE classes must cross the street to use public park spaces for outdoor sections of their curriculum.

The auditorium at Washington was recently renovated with new seating and finishes. A new pit cover was also installed. Band and choral rooms are heavily used. Sixth grade students are required to take one music class. Additional practice rooms are needed.

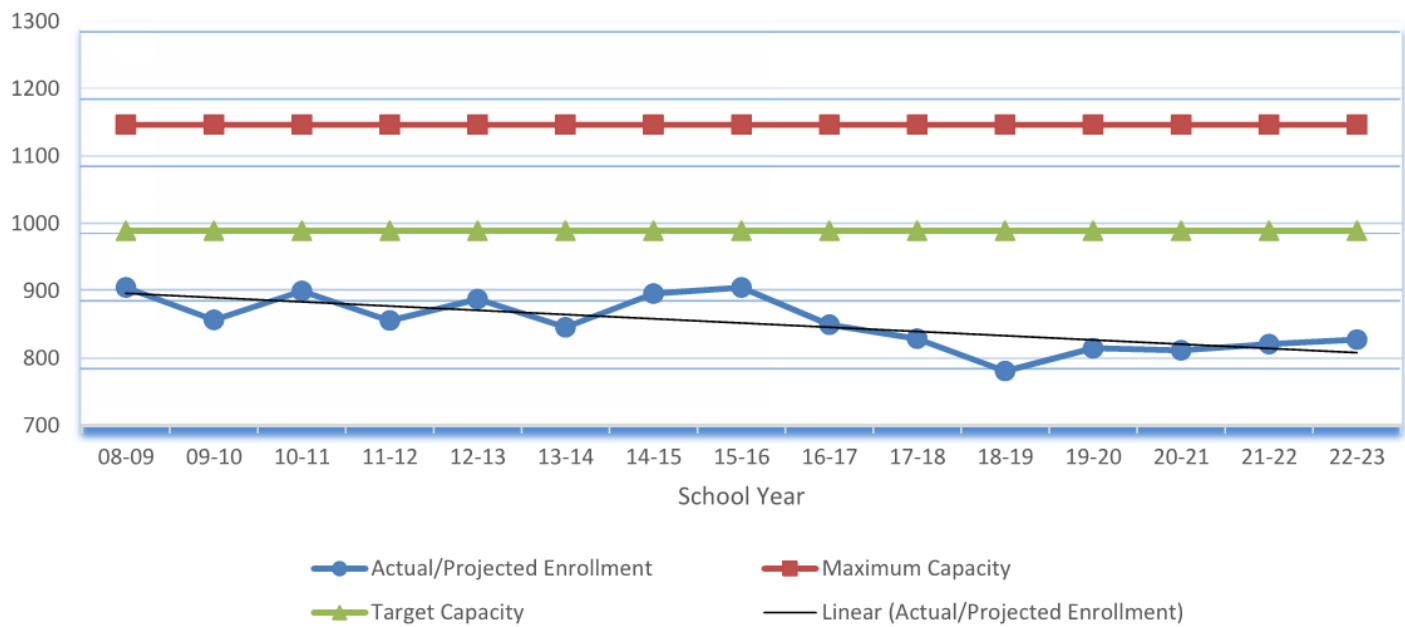
Washington Middle School serves a high number of students with IEPs. Space for one on one meetings and small group work is limited. Additional pullout spaces are needed.

Support space for community services is needed. A dedicated community gathering room that would be flexible enough to serve as a room for school use as well as a place for community functions is desired. Space for storage and distribution of donated clothing and other household items is also needed. Storage is currently accommodated in a basement level space.

The school has recently added a dental clinic to serve students and their families.

Many of the classrooms in older portions of the building are undersized. Three classrooms are located in the lower level basement of the building that should be relocated as spaces are available. As the student to mobile device ratio approaches 1:1, consideration should be given to converting some or all of the computer labs into additional flexible learning spaces.

Washington Middle School Enrollment Projection





## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Washington Middle School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Sixth Grade	316
Seventh Grade	296
Eighth Grade	292
Total	904

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
28	Standard Classrooms	7	6	86%	28	672	85%	571
6	Science	7	6	86%	28	144	85%	122
<b>34 Core Classroom Sub-Total</b>						<b>816</b>		<b>694</b>
4	Phy-ed Stations	7	5	71%	28	80	85%	68
1	Weight Room	7	4	57%	28	16	85%	14
1	Health Classroom	7	4	57%	28	16	85%	14
2	FACE	7	5	71%	28	40	85%	34
2	Tech Ed Stations	7	5	71%	28	40	85%	34
1	Agricultural Sciences	7	4	57%	28	16	85%	14
2	Business Education	7	5	71%	28	40	85%	34
1	Art	7	5	71%	28	20	85%	17
1	Choir	7	4	57%	30	17	85%	15
1	Band	7	4	57%	50	29	85%	24
1	Music Classroom	7	4	57%	30	17	85%	15
1	Piano Lab	7	4	57%	30	17	85%	15
	Agricultural Sciences	7	4	57%	28	0	85%	0

Building Capacity  
Current Enrollment  
**Available Capacity**

Maximum Capacity  
**1,147**  
905  
**242**

Target Capacity  
**989**  
905  
**84**

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	905	857	900	856	888	846	896	905	850	829	781	815	812	821	828
Maximum Capacity	1,147	1,147	1,147	1,147	1,147	1,147	1,147	<b>1,147</b>	1,147	1,147	1,147	1,147	1,147	1,147	1,147
Target Capacity	989	989	989	989	989	989	989	<b>989</b>	989	989	989	989	989	989	989
Maximum Capacity (Over)/Under	242	290	247	291	259	301	251	<b>242</b>	297	318	366	332	335	326	319
Target Capacity (Over)/Under	84	132	89	133	101	143	93	<b>84</b>	139	160	208	174	177	168	161

## High School - Educational Space Analysis



## High School Capacity

The capacity of each high school is based upon the number of educational stations available within each building. The number of educational spaces is then multiplied by the number of students to occupy the space which has been determined by the District's Class Size Guidelines. The **Usage Factor** is determined by the number of periods per day an educational station is actually used divided by the number of periods that the building operates within an instructional day. The resultant calculation is then multiplied by 85% **Efficiency Factor** as previously described. Each classroom or instructional space that has been assigned for student credit will be factored in to the calculation. This method will determine how many students are in an assigned instruction space at any one period of the day. After a period has ended, the students rotate to another instructional space. The periods that each instructional space is used will vary depending upon the administration's scheduling of the spaces, as will the target class size number, which is dependent upon the acceptable number of students assigned.

### Maximum Class Size Formula:

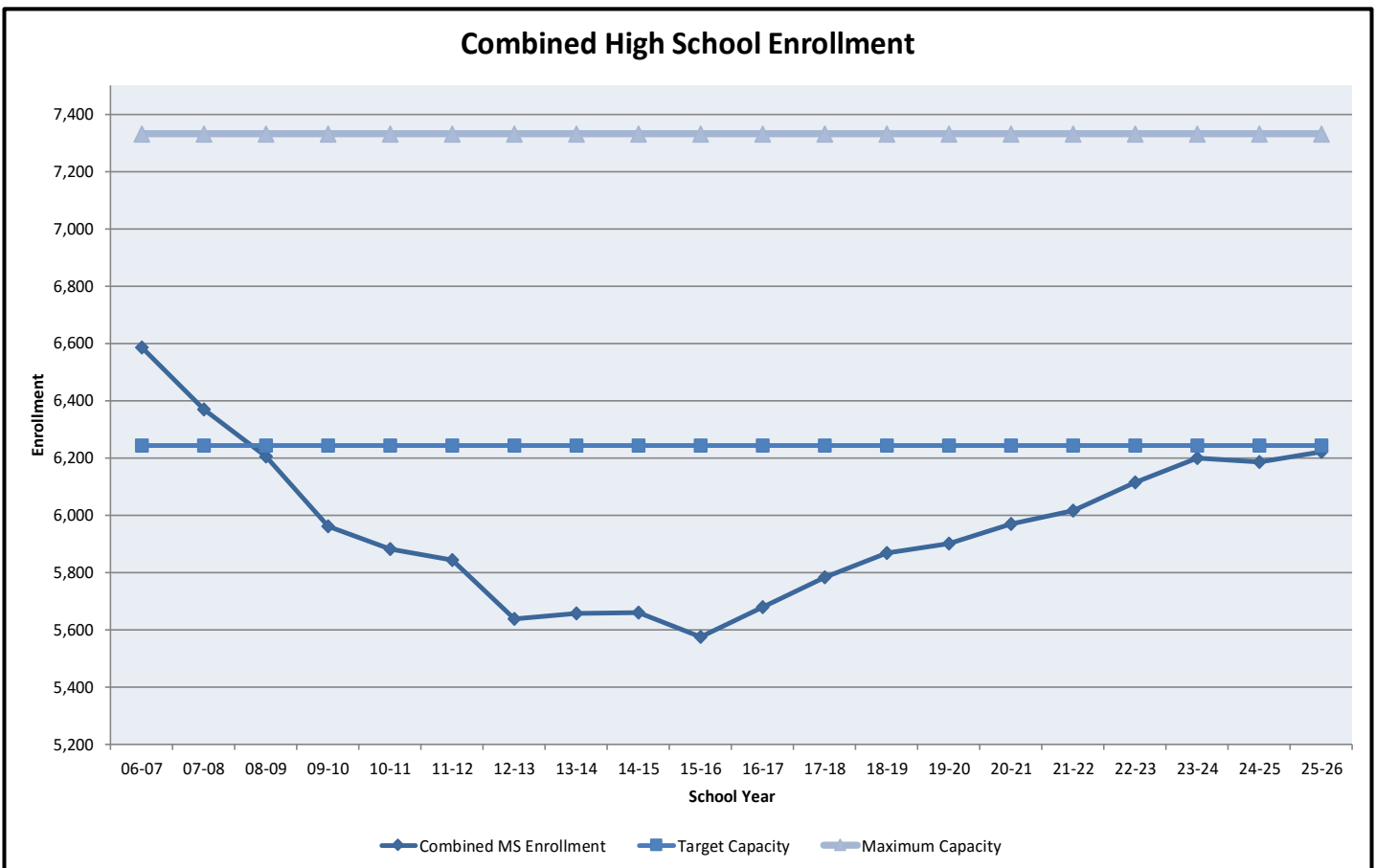
$\text{Periods used} / \text{Periods in day} = \text{Usage Factor \%}$

$\text{Number of Rooms} * \text{Usage Factor \%} * \text{Class size} = \text{Maximum Capacity}$

### Target Class Size Formula:

$\text{Periods used} / \text{Periods in day} = \text{Usage Factor \%}$

$\text{Number of Rooms} * \text{Usage Factor \%} * \text{Class size} = \text{Capacity} * 85\% (\text{Efficiency Factor}) = \text{Target Capacity}$



Data Source: Applied Population Labs Report Dated September 2016

As the previous chart indicates, the Green Bay Area Public School District has seen declining enrollment in the High Schools until recently. Projections show that trend has changed and District will see increasing enrollment for the foreseeable future.

The combined enrollment and capacity of all five High Schools show the District currently below the Target Capacity . Projected enrollments indicate growth that will take the combined District 9-12 enrollment up to near the target capacity.

It is also important to look at buildings on a case by case basis. Available capacity varies widely across the District's portfolio of High School facilities. Preble High School is well above its Target Capacity and near its Maximum Capacity. It is also the largest High School in the District by total number of students served which is projected to remain constant. East High School is operating near its Target Capacity while West and Southwest High Schools are operating well below their Target Capacity. John Dewey Academy of Learning (JDAL) is housed in leased space and is at its capacity for its programming.

The following pages provide specific data for each high school with regards to historical and current enrollment data and the current building capacity.

## EAST HIGH SCHOOL

Current Enrollment: 1,294

Target Capacity: 1,420

Maximum Capacity: 1,671

### Summary

East High School serves students from Washington Middle School. Enrollment is currently nearing the building's target capacity but is projected to decline slightly in future years.

The main administration offices are located adjacent to the front entrance but do not have direct entry for visitors. A reconfiguration of the entry vestibule would allow for a true secure entry sequence and should be implemented. Overall, the administration offices are out of space for future growth. Student services areas do not have enough spaces for private meetings.

Approximately 65% of students qualify for free or reduced lunch. Breakfast is served in the cafeteria each day. Cafeteria space is tight but adequate.

East High School will house Academy programming for students who are at risk. Classrooms have been identified near the music wing and near two exterior entrances. A district offered program for teen age parents, TAP, is also located in the same area.

The auditorium can seat approximately 1,000 people. A small scene shop is located backstage and provides access from the band and choir rooms to the stage area. The auditorium does not seat all students at one time so all school assemblies are held in the large gym.

East High School is home to the Institute for Fine Arts. Students may choose to follow a curriculum path that focuses on the visual, written and performing arts. As a specialized track within the GBAPS offerings, spaces that promote and celebrate the identity of this unique program offering should be evident in the building. As the building is currently organized, it is difficult for a visitor fully

Career and Technical Education (CTE) courses are accommodated in traditional spaces. East High School is the home of City Stadium Automotive, a specialized program to train students in skills necessary to enter the work force with a mechanical background. An exciting program that attracts students to this school, its location virtually hidden and is not celebrated by the building design. If this program is to remain at East, a full modernization of the CTE spaces to enhance the flexibility of the suite as a whole and to improve the visibility of the learning opportunities available should be considered.

Culinary arts is a growing program at East. Next year could potentially see 18 sections of courses offered to students.

East offers programming for nursing training. Accommodated in two classroom spaces, this is specialized curriculum that could be used to help attract students with focused areas of interest.

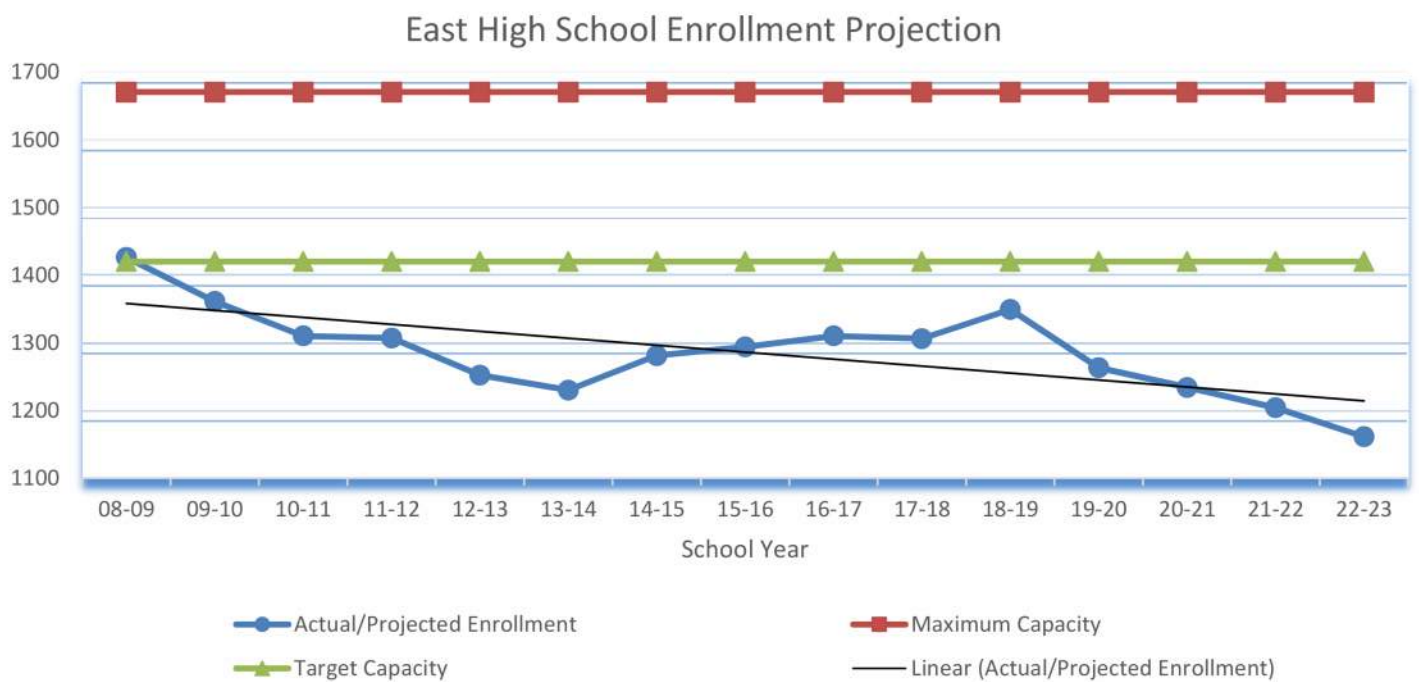
Computer labs are underutilized and could be considered as opportunities for introducing flexible learning spaces. Enrollment in business classes has been falling and large areas of lab could be turned into collaboration areas or house other program functions.

Athletic spaces are adequate for the number of students served during the main school year. During the summer, sports camps utilize the facilities and space becomes a scheduling problem. PE storage is inadequate. Two separate gymnasiums are present offering four total stations for PE use. A fitness room adjacent to the older gym serves as an additional teaching station as does a second floor weight room that is connected by stairs to both gymnasiums.

Science classrooms are located on the second floor of a large building addition completed in 2002. Rooms are generally well sized and reflect current standards in layout.

The second floor has a large space dedicated to teacher work stations. While generally a good concept to help drive greater scheduling flexibility in classroom utilization, it appears that the space is underutilized. Consideration should be given to adapting this space for other purposes if each teacher has a dedicated classroom.

The IMC is a large space on the second floor that has begun to transform into a more student centered commons type layout. A distance learning lab is located adjacent to the IMC. To drive greater flexibility and utilization, the IMC should be renovated to include small project rooms, collaborative meeting rooms, writable surfaces and finishes and soft, flexible furniture. Café style accommodations often are more appealing to students and encourage greater utilization of learning spaces throughout the day.



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

East High School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Ninth Grade	343
Tenth Grade	296
Eleventh Grade	321
Twelfth Grade	318
Total	1,278

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
	8 Math Classroom	8	7	88%	28	196	85%	167
	13 English Classroom	8	7	88%	28	319	85%	271
	6 Social Studies Classrooms	8	7	88%	28	147	85%	125
	11 Science	8	7	88%	28	270	85%	229
	4 World Language	8	7	88%	28	98	85%	83
	2 Open Classrooms	8	7	88%	28	49	85%	42
<b>44 Core Classroom Sub-Total</b>						<b>1,078</b>		<b>916</b>
	5 Phy-ed Stations	8	7	88%	28	123	85%	104
	1 Fitness	8	7	88%	28	25	85%	21
	1 Weight Room	8	6	75%	28	21	85%	18
	3 FACE	8	6	75%	28	63	85%	54
	6 Tech Ed Stations	8	6	75%	28	126	85%	107
	1 Agricultural Sciences	8	6	75%	28	21	85%	18
	2 Business Education	8	7	88%	28	49	85%	42
	2 Art	8	6	75%	28	42	85%	36
	1 Choir	8	5	63%	30	19	85%	16
	1 Band	8	5	63%	50	31	85%	27
	3 Academy Classrooms	8	7	88%	28	74	85%	62

Building Capacity  
Current Enrollment  
**Available Capacity**

Maximum Capacity  
**1,671**  
1,294  
**377**

Target Capacity  
**1,420**  
1,294  
**126**

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	1,426	1,361	1,310	1,307	1,252	1,230	1,281	1,294	1,310	1,306	1,349	1,263	1,234	1,204	1,161
Maximum Capacity	1,671	1,671	1,671	1,671	1,671	1,671	1,671	1,671	1,671	1,671	1,671	1,671	1,671	1,671	1,671
Target Capacity	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420
Maximum Capacity (Over)/Under	245	310	361	364	419	441	390	377	361	365	322	408	437	467	510
Target Capacity (Over)/Under	(6)	59	110	113	168	190	139	126	110	114	71	157	186	216	259





## PREBLE HIGH SCHOOL

Current Enrollment: 2,120

Target Capacity: 1,903

Maximum Capacity: 2,239

### Summary

Preble High School serves students from Edison Middle School and Red Smith School. Preble is a large high school community with enrollment that has been near the building's maximum capacity for some time. Projections indicate that this trend is likely to continue into the future.

As the school has grown, additions and renovations to expand the capacity and facility offerings have taken place. The site is now limited in space to grow. Parking is challenge with some overflow parking accommodated in the church lot across the street. Some staff park along Newberry Avenue and cross the street to the school. Site circulation is challenge with congestion at the beginning and end of each school day a problem.

The overall number of students in the building relative to its capacity creates internal circulation issues. Passing time between classes has increased to six minutes to allow for congestion in the corridors. This has had the net result of lost instructional time each day. The number and distribution of student lockers throughout the building has become a challenge as well due to the number of students in the building.

The main administration offices are located adjacent to the front entry but not direct access into the space is provided. Currently, a visitor to the building is buzzed in through the exterior doors and then is directed to enter the office before proceeding. The front entry vestibule should be reconfigured to add a door directly into the office to require a visitor to enter the office before being let into the school.

The administration offices are tight. Due to spaces being repurposed to serve the large student population, no meeting spaces remain within the administration suite. Student services, a separate suite of spaces is also getting tight as spaces are repurposed to meet student needs.

Approximately 48% of students qualify for free or reduced lunch. Breakfast is served in the cafeteria each day but seating is insufficient for the number of students served. Lunch is served over three lunch periods but due to enrollment pressure at the building, the cafeteria is undersized.

Athletic space is insufficient for the number of students currently at Preble. The fieldhouse was recently renovated but not expanded. It currently accommodates three stations. The smaller gym accommodates two stations. A wrestling room and a weight room are located on the second floor adjacent to the fieldhouse. A small fitness room is also located adjacent to the weight room. No accommodation for gymnastics currently available. Space is also not available for the dance team which typically practices in the cafeteria. Locker rooms are not adequate in size for the number of students served.

Music programming is accommodated in a group of spaces adjacent to the auditorium. Practice space is a challenge due to the number of students. The auditorium seats approximately 600 and has poor acoustics. Band performances are held in the cafeteria for better sound performance.

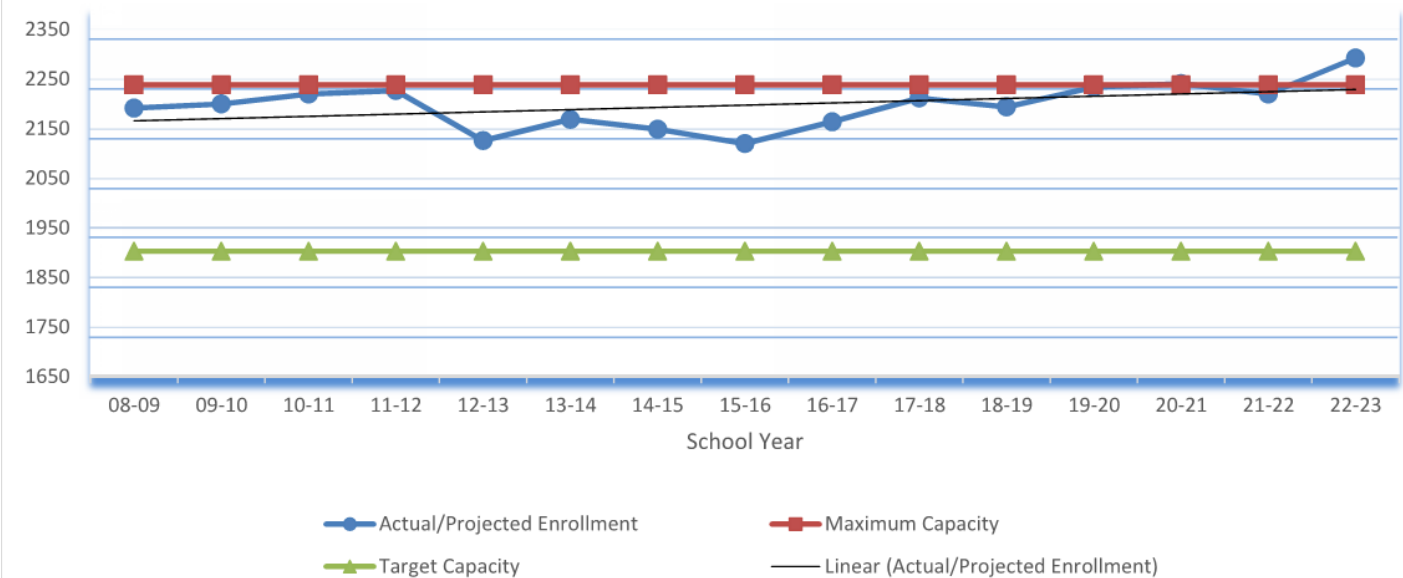
Need for special education programming is growing. Currently three CD rooms are located on the first floor of the building. No OT/PT room is available. A swing is located in small room that has been converted to accommodate it. Additional specialists are coming into Preble and will need to have places to work with students.

Culinary arts is a strong program at Preble. Instructional spaces are located in a group near the student commons (cafeteria). Students run a café from these spaces and occasionally prepare meals for events at the school. The success of the program is leading to space constraints in the existing facilities.

Career and Technical Education (CTE) spaces are grouped together at the back of the building. A strong and growing engineering program is housed in these spaces. Project Lead the Way (PLTW) is accommodated in a former computer lab adjacent to a CAD lab. Similar to other schools in the District, the shop space is very traditional in layout though well sized. These spaces could be modified to provide greater programming flexibility into the future to accommodate curriculum development.

Two large spaces on the first and second floors are dedicated to teacher work stations. While generally a good concept to help drive greater scheduling flexibility in classroom utilization, it appears that the space is underutilized. Due to capacity issues, it was reported that not all teachers have dedicated classrooms in the building making these spaces a necessity. If enrollment pressure were reduced, consideration for the best use of these large spaces should be given.

Preble High School Enrollment Projection



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Preble High School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Ninth Grade	511
Tenth Grade	553
Eleventh Grade	532
Twelfth Grade	515
<b>Total</b>	<b>2,111</b>

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
17	Math Classroom	8	7	88%	28	417	85%	354
11	English Classroom	8	7	88%	28	270	85%	229
10	Social Studies Classrooms	8	7	88%	28	245	85%	208
15	Science	8	7	88%	28	368	85%	312
7	World Language	8	7	88%	28	172	85%	146
<b>60 Core Classroom Sub-Total</b>						<b>1,470</b>		<b>1,250</b>
6	Phy-ed Stations	8	7	88%	28	147	85%	125
1	Wrestling Room	8	7	88%	28	25	85%	21
1	Weight Room	8	7	88%	28	25	85%	21
1	Fitness Room	8	7	88%	28	25	85%	21
3	FACE	8	7	88%	28	74	85%	62
1	Nursing Classroom	8	4	50%	28	14	85%	12
8	Tech Ed Stations	8	7	88%	28	196	85%	167
2	Agricultural Science	8	7	88%	28	49	85%	42
4	Business Education	8	7	88%	28	98	85%	83
2	Art	8	7	88%	28	49	85%	42
1	Choir	8	5	63%	30	19	85%	16
1	Band	8	5	63%	50	31	85%	27
1	Music Classroom	8	5	63%	30	19	85%	16

Building Capacity  
Current Enrollment  
**Available Capacity**

Maximum Capacity

2,239

Target Capacity

1,903

2,120

2,120

119

-217

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	2,192	2,200	2,220	2,227	2,126	2,169	2,149	2,120	2,164	2,212	2,194	2,234	2,241	2,220	2,293
Maximum Capacity	2,239	2,239	2,239	2,239	2,239	2,239	2,239	2,239	2,239	2,239	2,239	2,239	2,239	2,239	2,239
Target Capacity	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903	1,903
Maximum Capacity (Over)/Under	47	39	19	12	113	70	90	119	75	27	45	5	(2)	19	(54)
Target Capacity (Over)/Under	(289)	(297)	(317)	(324)	(223)	(266)	(246)	(217)	(261)	(309)	(291)	(331)	(338)	(317)	(390)



## **SOUTHWEST HIGH SCHOOL**

Current Enrollment: 1,096

Target Capacity: 1,552

Maximum Capacity: 1,826

### **Summary**

Southwest High School serves students from Lombardi Middle School and Red Smith School. Enrollment has been slowly declining at Southwest for several years and is projected to continue slightly downward into the future before beginning a slight uptick. This building is currently operating well under its target capacity.

Southwest does not have a secure entry sequence. The front entry is clearly identifiable, it is not the functional entrance to the building. Staff and students use the north entry which faces the primary parking lot. A full time position must be staffed at a desk in the corridor to check people into the building after the beginning of the day.

Approximately 60% of students qualify for free or reduced lunch. Breakfast is served in the cafeteria. The cafeteria is adequately sized for the number of students served. The serving kitchen is awkwardly split into two lines, one located somewhat down a side hall from the main seating area. Two built-in cooler units are also located in the open seating area due to lack of space in the kitchen area. The cafeteria is well located and does have excellent access to natural light and views making it a great opportunity for redevelopment as a student commons / flexible learning space.

Community meeting and gathering spaces are needed at Southwest High School. Currently, a conference room is assigned for these functions but a dedicated area that is flexible and able to be locked off from the main school building is desired. The space should be open and visible with flexible furniture capable of supporting more informal gatherings as well as community education programming.

Athletic space is insufficient to meet the scheduling demands of PE requirements and team athletics. Southwest has one three station gymnasium. A fourth station is needed to ease scheduling pressure. A weight training room is located on the lower level and a fitness room is on the first floor, adjacent to the pool. These two space provide additional learning stations for PE scheduling.

The District's only high school pool is located adjacent to the gymnasium. The pool is only six lanes and does not meet current WIAA requirements for a competition facility. A combined District swim team is based at this facility.

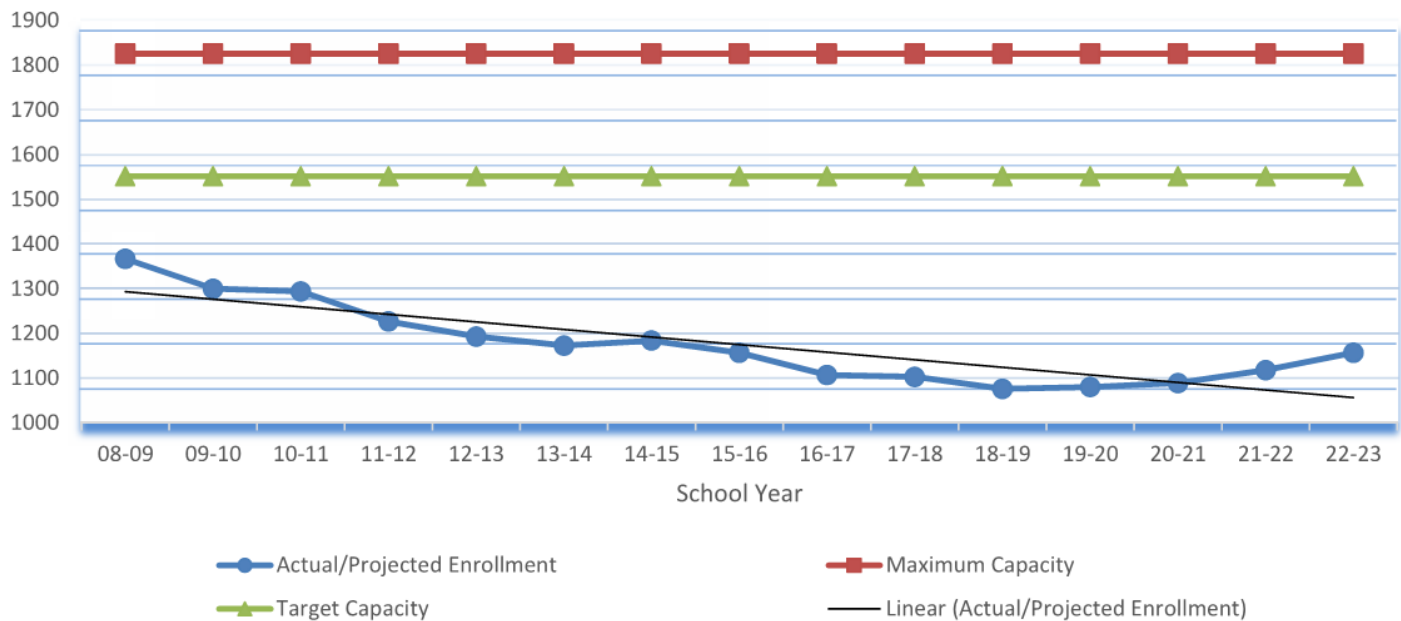
Music programming is growing at Southwest. Facilities are consolidated in a wing adjacent to the auditorium. While the student enrollment is under capacity currently, the number of students partaking in music programming is putting pressure on the space available for practice. The current practice rooms are in poor condition and are unused. The choral room is undersized for the number of students served.

The auditorium is currently being renovated and is a community asset. Southwest High School does not have a drama group volunteers do help organize and produce performances in this space. The auditorium is also used by community groups.

Classrooms at Southwest are somewhat undersized by current standards but are typical of the time they were built. Many classrooms are interior without any windows or natural light. Long hallways with many classrooms are very efficient but are not inspiring and do not reflect the culture of the school or the community. A modernization plan for this building should carefully consider options to breakup the long corridors and add flexible breakout spaces to the interior classroom blocks.

Career and Technical Education (CTE) spaces are grouped at the south end of the building. Spaces are very traditional in organization with a metals shop and a wood shop. An adjacent agricultural sciences room does have space dedicated to aquaponics. An engineering and computer lab across the hall do provide good learning spaces for associated skills but overall spatial organization of the CTE suite does not promote cross disciplinary collaboration. A more flexible and open layout should be considered for the future growth of this programming.

### Southwest High School Enrollment Projection



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

Southwest High School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Ninth Grade	267
Tenth Grade	300
Eleventh Grade	247
Twelfth Grade	282
Total	1,096

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
60	General Classroom	8	7	88%	28	1,470	85%	1,250
<b>60 Core Classroom Sub-Total</b>						<b>1,470</b>		<b>1,250</b>
3	Phy-ed Stations	8	6	75%	28	63	85%	54
1	Weight Room	8	6	75%	28	21	85%	18
1	Fitness Room	8	6	75%	28	21	85%	18
1	Pool	8	2	25%	28	7	85%	6
2	Health Classrooms	8	3	38%	28	21	85%	18
1	FACE	8	5	63%	28	18	85%	15
3	Tech Ed Stations	8	5	63%	28	53	85%	45
2	Agricultural Science	8	5	63%	28	35	85%	30
	Business Education	8	5	63%	28	0	85%	0
2	Art	8	6	75%	28	42	85%	36
1	Print Shop	8	2	25%	28	7	85%	6
1	Choir	8	5	63%	30	19	85%	16
1	Band	8	5	63%	50	31	85%	27
1	Music Classroom	8	5	63%	30	19	85%	16

Building Capacity  
Current Enrollment  
**Available Capacity**

Maximum Capacity
1,826
1,096
<b>730</b>

Target Capacity
1,552
1,096
<b>456</b>

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	1,367	1,300	1,294	1,227	1,193	1,173	1,184	1,157	1,107	1,103	1,076	1,080	1,089	1,118	1,157
Maximum Capacity	1,826	1,826	1,826	1,826	1,826	1,826	1,826	1,826	1,826	1,826	1,826	1,826	1,826	1,826	1,826
Target Capacity	1,552	1,552	1,552	1,552	1,552	1,552	1,552	1,552	1,552	1,552	1,552	1,552	1,552	1,552	1,552
Maximum Capacity (Over)/Under	459	526	532	599	633	653	642	669	719	723	750	746	737	708	669
Target Capacity (Over)/Under	185	252	258	325	359	379	368	395	445	449	476	472	463	434	395





## WEST HIGH SCHOOL

Current Enrollment: 862  
Target Capacity: 1,289  
Maximum Capacity: 1,478

### Summary

West High School serves students from Franklin Middle School. Enrollment has been slowly declining at Southwest for several years but is projected to begin a slight uptick. This building is currently operating well under its target capacity.

West High School is part of the International Baccalaureate Programmed (IB). Student who attend West were part of the same program as students in Franklin Middle School. All students in grades nine and ten are required to participate in IB. For grades eleven and twelve, IB is a choice program.

A secure entry sequence is not in place at West High School. Visitors to the building are required to buzz into the building at a locked vestibule. While the front administration offices are adjacent to the main entry, there is not direct connection between the vestibule and the reception area. Revisions to the entry layout should be made to require visitors to enter the front office before being allowed into the secured school.

Approximately 75% of students qualify for free or reduced lunch. Breakfast is served in the cafeteria. The dining space is tight to serve students over three lunch periods. Freshmen are not allowed to leave campus but upper classmen may.

Career and Technical Education (CTE) spaces are grouped together in a long, linear form at the back of the building. Spaces are very traditional with separate wood shop and metal shop.

West High School is home to the Bay Link Manufacturing program. Begun in 2014, the program is a collaboration between GBAPS, Northeast Wisconsin Technical College (NWTC) and the NEW Manufacturing Alliance. Students who wish to be part of the program go through an interview process before being selected. Once accepted, students are trained in modern manufacturing techniques and methods while producing actual product for paying customers. Credit is earned simultaneously toward high school graduation and toward NWTC degree requirements.

Bay Link Manufacturing is accommodated in space formerly used as the auto shop. That program was discontinued and the space retrofitted to better meet the needs of this new offering. As discussed previously in other spaces that house specialized programming at other schools in the District, Bay Link Manufacturing is not well marked or celebrated. Its location at the back of the building, while practical utilizing existing space, does not help emphasize the message that this modern approach to learning can promote. As part of an overall CTE spatial reorganization, consideration should be given to locating this engaging program in a more visible location.

Athletic space is accommodated in two separate gymnasiums at opposite ends of the building. Locker rooms are adequate to meet student demand. The east locker rooms were recently renovated. Adjacent to the newer, east gym, a second floor area includes a fitness room and a weight training room.

Outdoor athletic fields are adjacent to the high school on City park land.

Music programming is accommodated in a suite of spaces adjacent to the east gym. Direct access to the stage and auditorium is not provided. The auditorium seats approximately 1,100 and is supplemented by the smaller Lars Thune Center performance space directly adjacent to the main house.

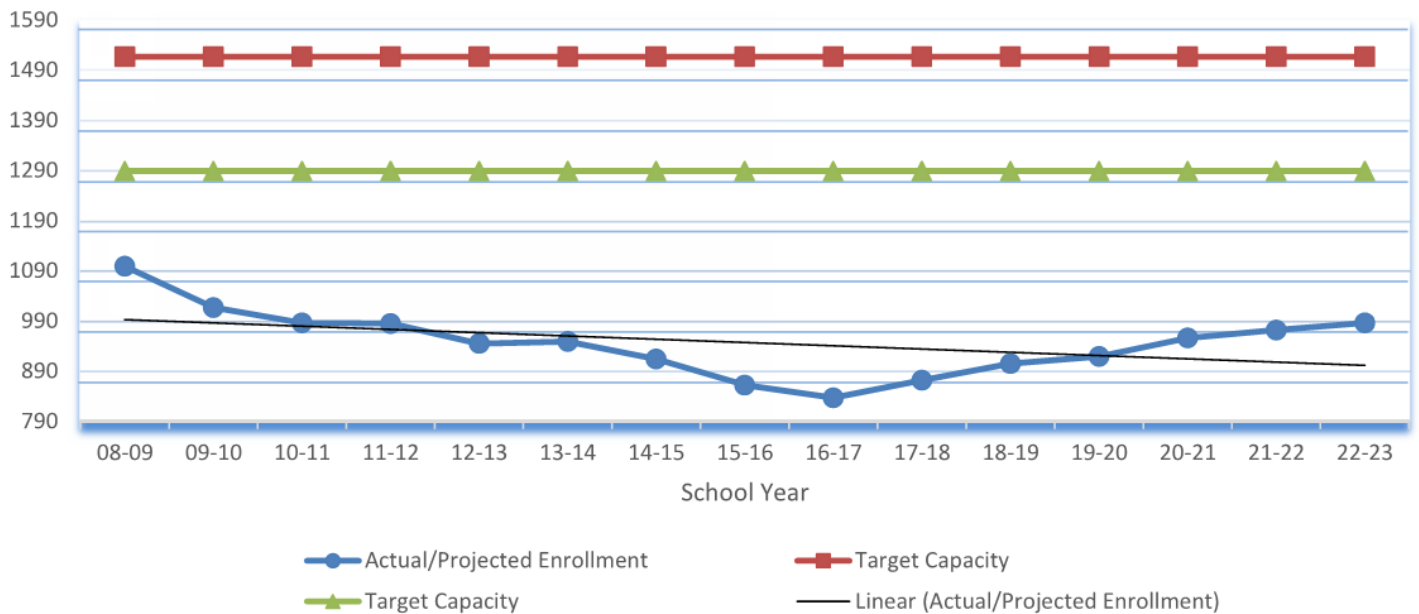
Science classrooms are located on the third floor of the building in a newer addition. Rooms are well sized and generally in alignment with current standards.

Classrooms in the original building are typically smaller than current standards. Some smaller rooms are being utilized for special education small group work.

Unique to West High School is the second floor learning center. Originally the building's library, this historic room is beaux arts design gem. The space is currently utilized for large group work and some staff training sessions. This space is centrally located within the building and could be a great opportunity to be transformed into a vibrant hub of collaborative space that honors the history of the school while inspiring future innovation.

As enrollment is projected to remain well below the building's capacity, opportunities to adapt available spaces into other flexible learning environments should be explored.

### West High School Enrollment Projection



## Green Bay Area Public Schools Educational Space Analysis

Building/Program Capacities

West High School

### Current Enrollment and Room Usage - Year 2015/16

Program	Current Enrollment
Ninth Grade	205
Tenth Grade	195
Eleventh Grade	207
Twelfth Grade	242
Total	849

### Enrollment Capacity based on Maximum and Target Class Size

Num of Rooms	Program	Periods Per Day	Periods Used	Usage Factor	Target Class Size	Maximum Capacity	Efficiency Factor	Target Capacity
	9 Math Classroom	8	7	88%	28	221	85%	187
	7 English Classroom	8	7	88%	28	172	85%	146
	9 Social Studies Classrooms	8	7	88%	28	221	85%	187
	10 Science	8	7	88%	28	245	85%	208
	5 World Language	8	7	88%	28	123	85%	104
<b>40 Core Classroom Sub-Total</b>						<b>980</b>		<b>833</b>
	6 Phy-ed Stations	8	7	88%	28	147	85%	125
	1 Weight Room	8	7	88%	28	25	85%	21
	1 Fitness Room	8	7	88%	28	25	85%	21
	6 Tech Ed Stations	8	6	75%	28	126	85%	107
	2 PLTW Lab	8	6	75%	28	42	85%	36
	1 Nursing Classrom	8	5	63%	28	18	85%	15
	1 IB Resource Room	8	4	50%	28	14	85%	12
	2 Business Education	8	7	88%	28	49	85%	42
	2 Art	8	6	75%	28	42	85%	36
	1 Choir	8	5	63%	30	19	85%	16
	1 Band	8	5	63%	50	31	85%	27

Building Capacity  
Current Enrollment  
**Available Capacity**

Maximum Capacity  
**1,517**  
862  
**655**

Target Capacity  
**1,289**  
862  
**427**

Enrollment Projection	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23
Actual/Projected Enrollment	1,099	1,017	986	985	945	949	914	862	837	872	905	919	956	972	986
Maximum Capacity	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517	1,517
Target Capacity	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289
Maximum Capacity (Over)/Under	418	500	531	532	572	568	603	655	680	645	612	598	561	545	531
Target Capacity (Over)/Under	190	272	303	304	344	340	375	427	452	417	384	370	333	317	303





