



# Facilities Task Force Meeting No. 1

6 October 2016

Green Bay Area Public Schools  
Facilities Master Planning



## Facility Needs for Discussion:

1. Maintenance
2. Outdated Facilities / Changing Programming
3. Enrollment & Capacity

# current facility challenges

## Maintenance

1. Facility maintenance historically funded through operating budget
2. District intends to continue funding through normal budget
3. Act 32 Energy Exemption projects

# current facility challenges

## Aged Facilities

- Many buildings over 60 years old
- Last fully new building completed in 1998 (Red Smith)
- Many facilities were built for a different time with different programming needs

# current facility challenges

## Diversity of programming

*More programming occurring in buildings that were not designed to accommodate it:*

- *Social programs*
- *English as a Second Language learners*
- *Special Education Needs*
- *More personalized learning*



# current facility challenges

## Personalized learning

*Educational delivery has changed:*

- *Most buildings were built for a different time*
- *More discussion to come!*

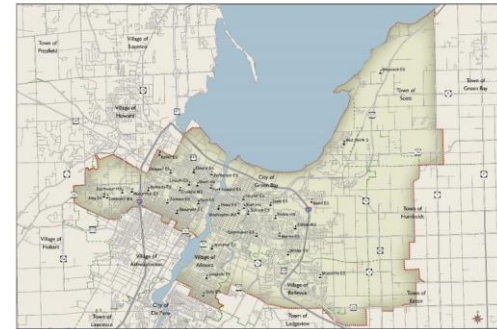


# Enrollment & Capacity

## Enrollment

- APL Report – Projections
- Enrollment vs. Membership

### Planning for the Schools of Tomorrow

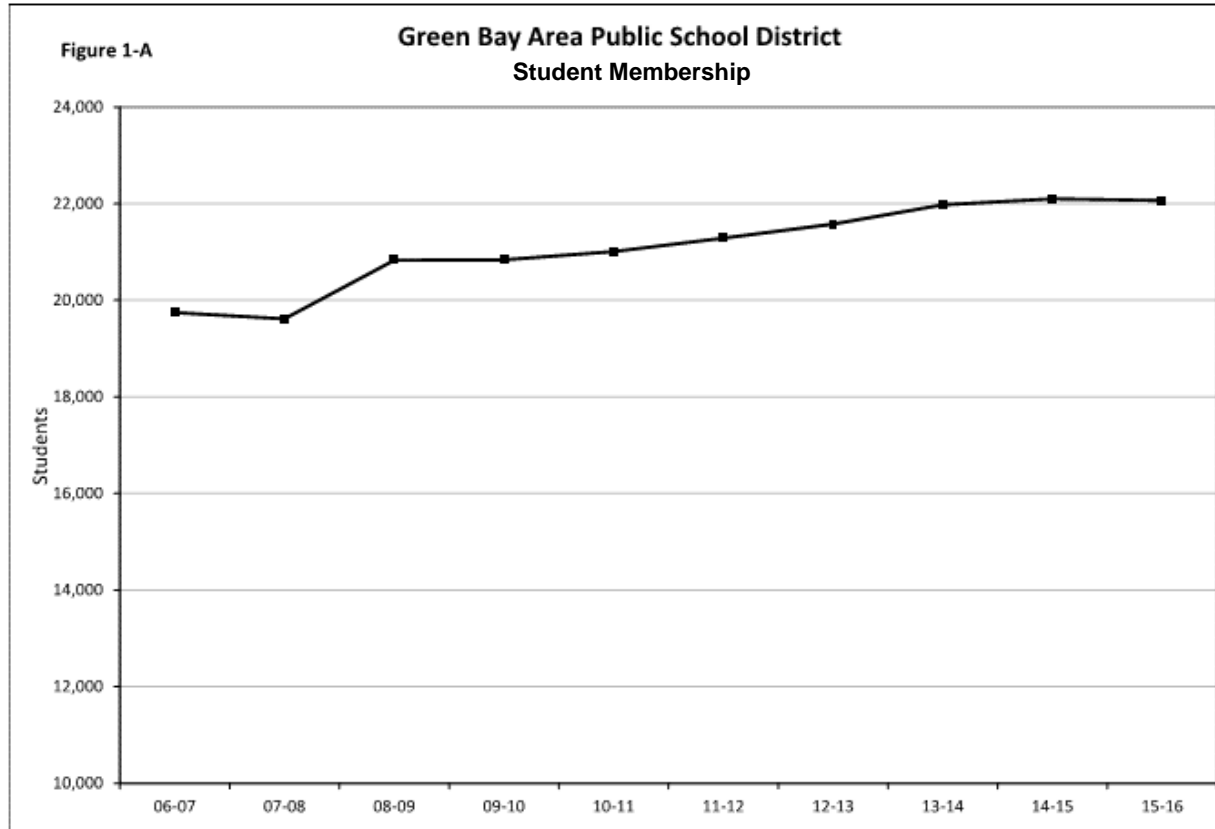


School Enrollment Projections Series  
Green Bay Area Public School District  
September 2016



School Enrollment Projection Series: Green Bay Area Public School District

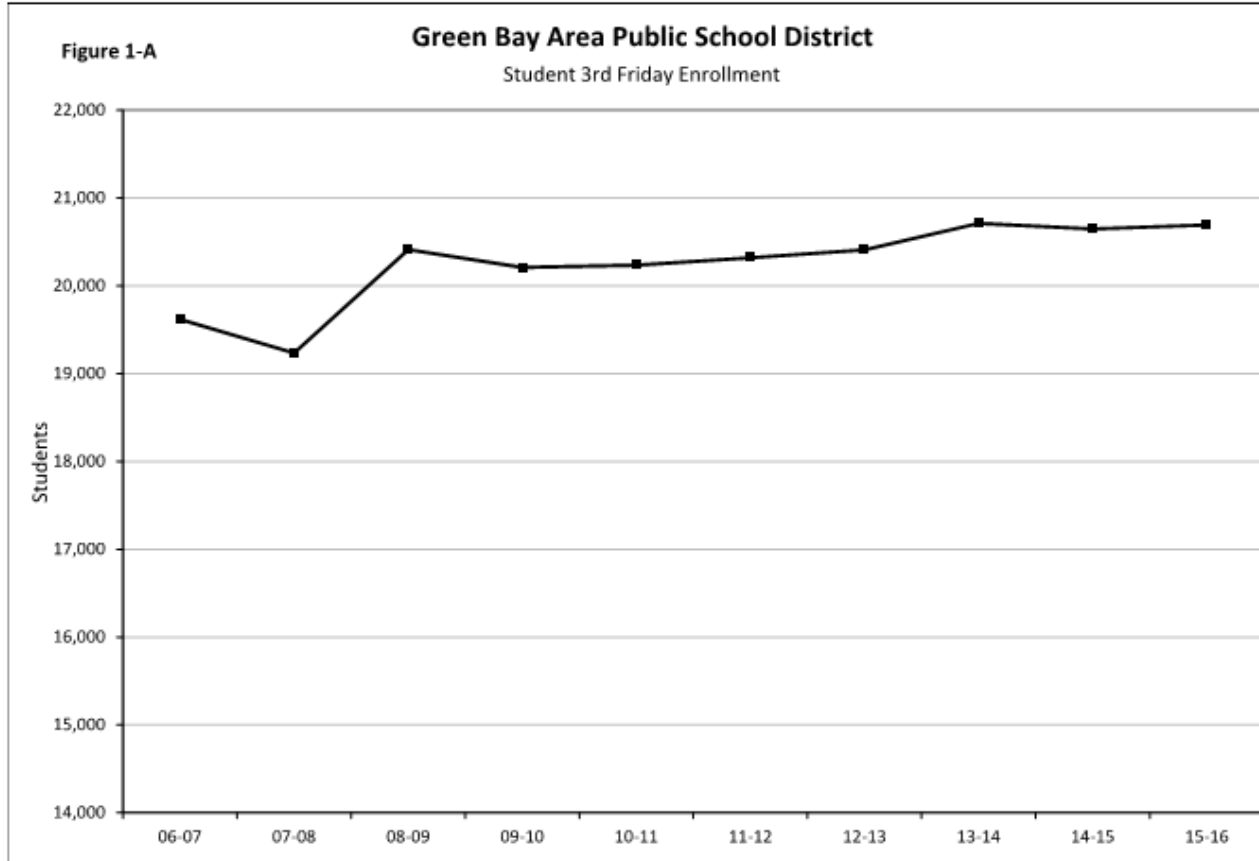
# historic membership



Data Source: APL Report, March 2016

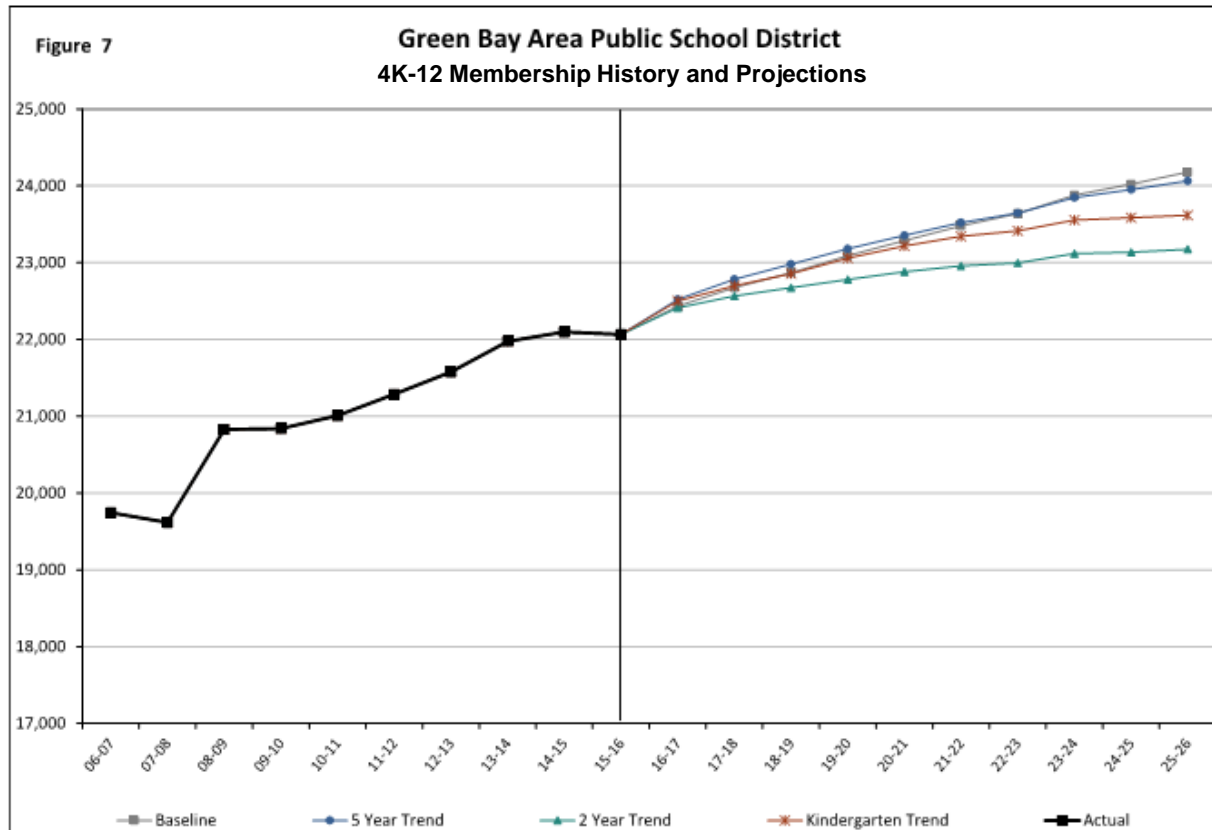


# historic enrollment



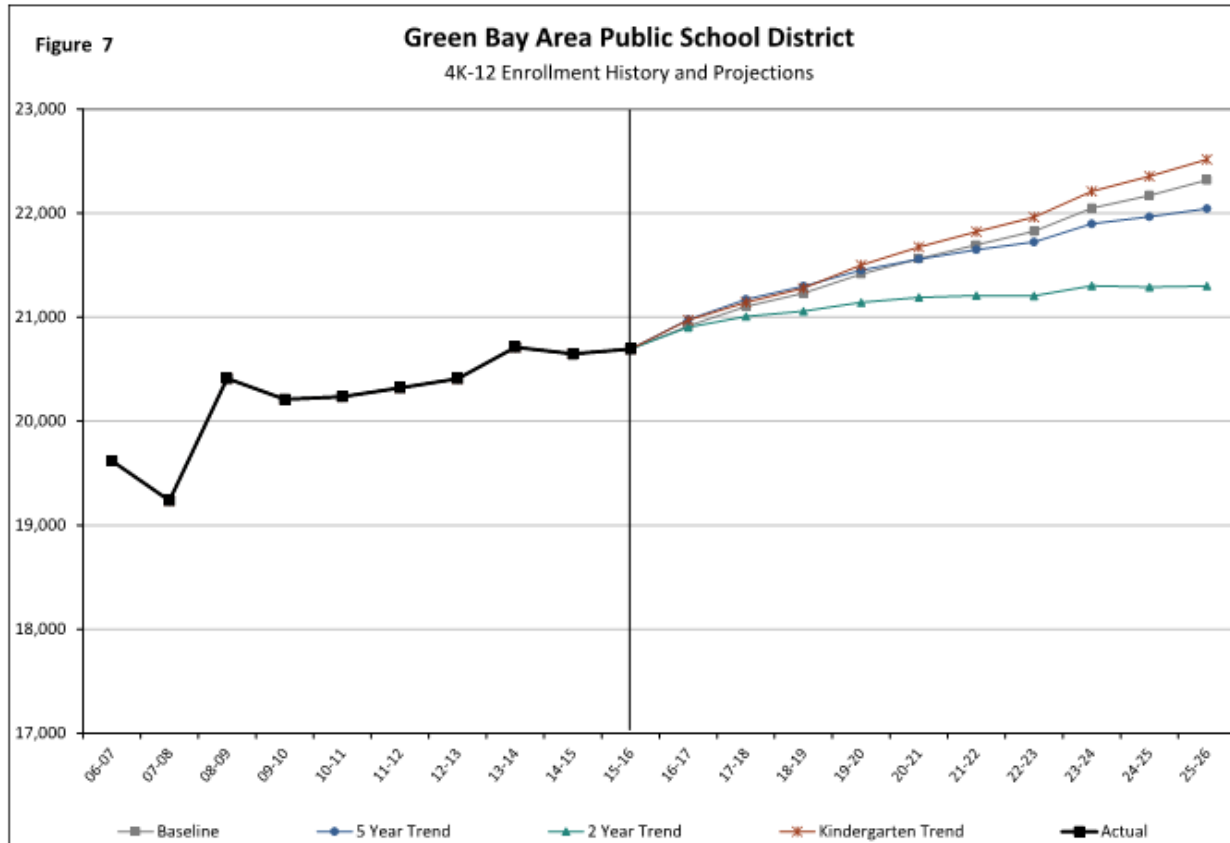
Data Source: APL Report, September 2016

# projected membership



Data Source: APL Report, March 2016

# projected enrollment



Data Source: APL Report, September 2016

# Capacity

## Elementary

- Number of Classrooms
- Students per Classroom
- Maximum vs. Target Capacity

### 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		1		
Kindergarten		3		
First Grade		3		
Second Grade		3		
Third Grade		3		
Fourth Grade		3		
Fifth Grade	25	2		
Totals		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	*Target Capacity represents 90% of the Maximum 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	430	441	442	473	478	493	488	494	498
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	61	50	49	18	13	(2)	3	(3)	(7)
Target Capacity (Over)/Under	61	60	44	12	1	(0)	(31)	(36)	(51)	(46)	(52)	(56)

# Capacity

## Middle/High Schools

- Number of Classrooms
- Students per Classroom
- Periods per Day Utilized
- Target Capacity: 85%

### 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	Maximum Capacity	Target Capacity
Current Enrollment	1,671	1,420
Available Capacity	1,294	1,294
	377	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

# Enrollment

	Grades	EC	4K	5K	AGR / SAGE Bilingual Program	2015/16 Enrollment	Maximum Capacity	Capacity (Over) / Under	Year Built	Commons	Music Room	Art Room	OT/PT Room	Notes
<b>Elementary Schools</b>														
Aldo Leopold (4K-8)	4K-8		x	x		545	580	35	1910	Y	Y	Y	N	Environmental program
Baird*	5K-5			P	-	441	296	(145)	1968	N	Y	Y	Y	2 sections of KG at Froebel, built as open concept
Beaumont	4K-5		x	x		328	368	40	1959	N	Y	Y	Y	
Chappell	4K-5		x	x		398	491	93	1950	N	Y	Y	N	IB School
Danz*	5K-5			x	x	510	366	(144)	1956	Y	Y	Y	Y	Bilingual School, No 4K
Leonardo da Vinci (K-8)	5K-8		-	x		322	367	45		N	Y	Y	N	Gifted & Talented school
Doty	4K-5		x	x	x	323	441	118	1971	N	Y	Y	Y	Bilingual School
Eisenhower*	1-5				x	536	312	(224)	1960	Y	Y	Y	Y	No 4K or KG in building
Elmore	4K-5		x	x		312	318	6	1939	N	Y	Y	N	accessibility limited
Fort Howard	5K-5			x	x	242	269	27	1931	Y	Y	Y	Y	Longer school year
Howe	5K-5			x	x	429	424	(5)	1912	Y	Y	Y	N	No 4K in building
Jackson	4K-5	x	x	x	x	412	365	(47)	1938	N	Y	Y	Y	Spanish Immersion School
Jefferson	5K-5			x	x	154	165	11	1928	N	Y	Y	Y	Boys & Girls Club at school
Keller	5K-5	x		x	x	292	440	148	1970	N	Y	Y	Y	Head Start programming - 5 Classrooms
Kennedy	4K-5	x	x	x		284	415	131	1965	Y	Y	Y	Y	EC / Special Education programming utilizing rooms
King	4K-5		x	x		404	443	39	1991	Y	Y	Y	Y	STEM School, YES Program in one classroom
Langlade	4K-5		x	x		320	388	68	1963	N	Y	Y	N	
Lincoln	4K-5	x	x	x	x	232	253	21	1958	Y	Y	Y	Y	West side OT/PT staff based here
MacArthur	4K-5		x	x		277	318	41	1968	N	Y	Y	N	Built as open school
Martin	5K-5			x		364	369	5	1968	N	Y	Y	N	
McAuliffe	5K-5			x		510	544	34	1991	Y	Y	Y	N	
Nicolet	5K-5			x	x	426	420	(6)	1939	Y	Y	Y	Y	No 4K, community clinic space, two intervention rooms
Red Smith (4K-8)	4K-8	x	x	x		935	1,103	168	1998	Y	Y	Y	Y	Community room at building
Sullivan*	5K-5			P	x	603	420	(183)	1960	Y	Y	Y	Y	Was district OT/PT center, former UWGB Bldg
Tank	5K-5			x	x	221	316	95	1939	N	N	Y	N	Bilingual school
Webster	4K-5	x	x	x		345	380	35	1956	N	Y	Y	Y	Fine arts school
Wequiock	4K-5		x	x		154	195	41	1957	N	Y	Y	N	Community room at building
Wilder	5K-5			x	x	437	444	7	1990	Y	Y	Y	N	4K at Peace Nursery community site, OT/PT in Commons
Minoka-Hill	ALTERN													Academy, CLAS program, REPO
Early Learning Center	4K & 5K	x	x	x	x	460	540			N	Y	N	Y	4K & KG students from Eisenhower, Sullivan, Danz
Friedrich Froebel	4K & 5K		x	x	x	192	266		1958	Y	N	N	N	4K students from Baird, Martin & McAuliffe, KG from Baird
Head Start Learning Center	HS					366 Total								Leased space - St. Peter & St. Paul

\*Some students included in enrollment number attend class at either ELC or Froebel

## Elementary Schools

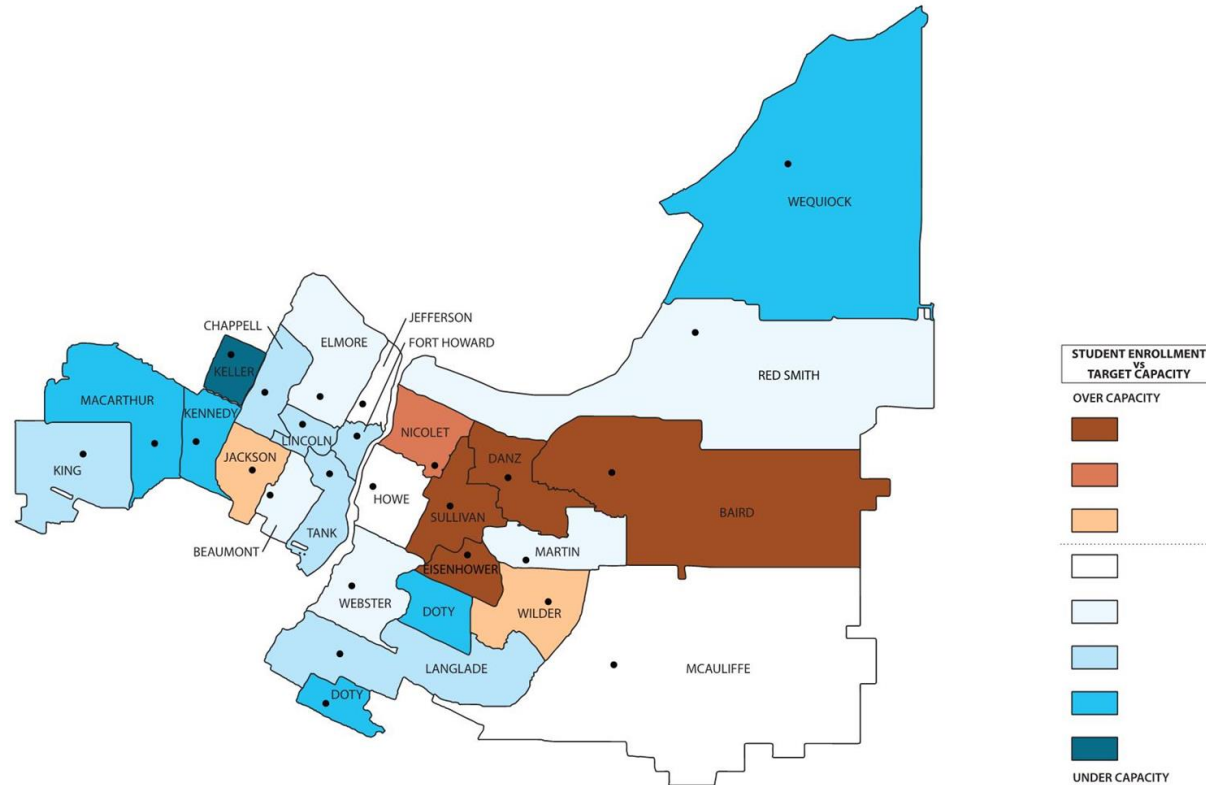
# Enrollment

	Grades	2015/16 Enrollment	Target Capacity	Capacity (Over) / Under	Location	Year Built	Notes
<b>Middle Schools</b>							
Edison	6-8	1,183	1,137	(46)	East	1968	
Franklin	6-8	713	1,084	371	East	1958	
Lombardi	6-8	827	1,075	248	West	1964	STEM
Washington	6-8	905	989	84	West	1939	
Aldo Leopold (6-8)	4K-8	153	161	8			Environmental Program
Leonardo da Vinci (6-8)	K-8	73	122	49			G&T School - Newly renovated facility
Red Smith (6-8)	4K-8	476	528	52			
		4,330	5,097	767			

	Grades	2015/16 Enrollment	Target Capacity	Capacity (Over) / Under	Location	Year Built	Notes
<b>High Schools</b>							
East	9-12	1,293	1,420	127	East	1924	Automotive program, Fine Arts, Academy
Preble	9-12	2,110	1,903	(207)	East	1954	Biggest HS in district
Southwest	9-12	1,156	1,552	396	West	1970	STEM
West	9-12	862	1,289	427	West	1928	Baylink manufacturing
John Dewey Academy	8-12 & HS	78	80	2			Leased Space
		5,499	6,244	745			

## Middle & High Schools

# Enrollment

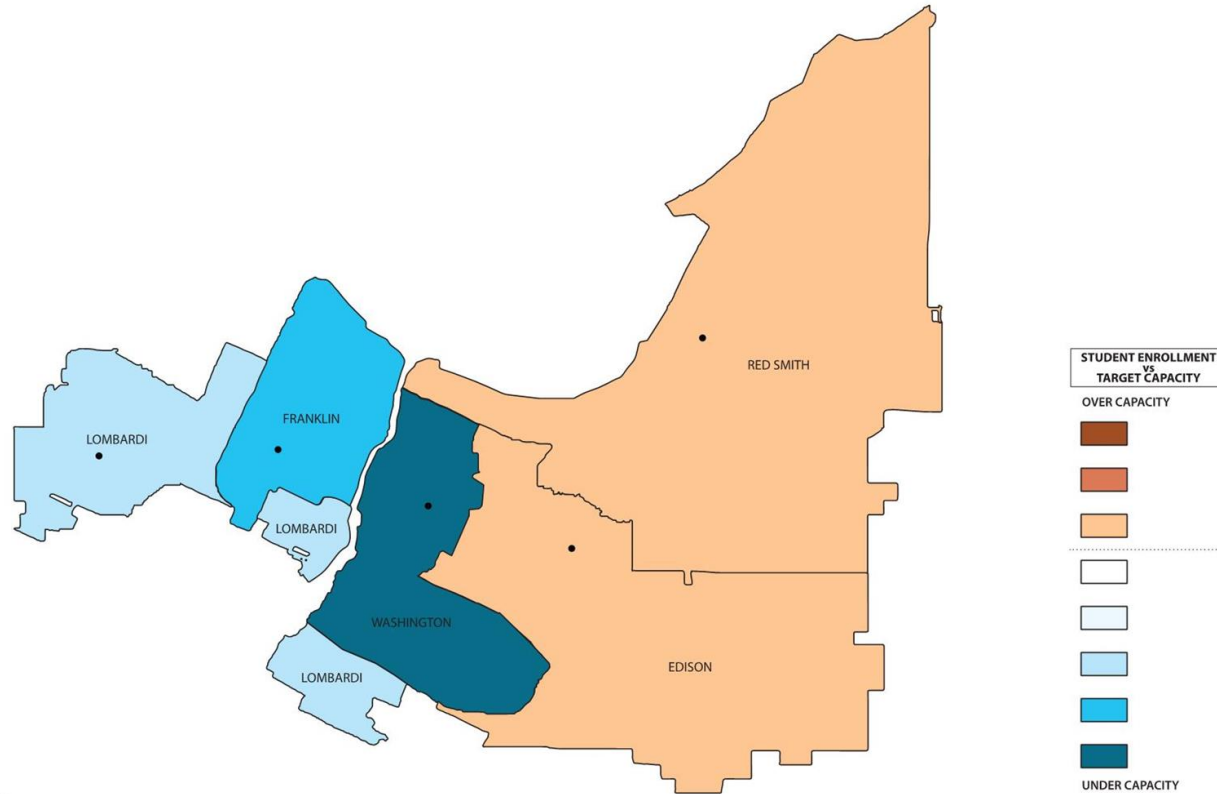


7/18/21

## Projected Elementary Capacity – 2020/21

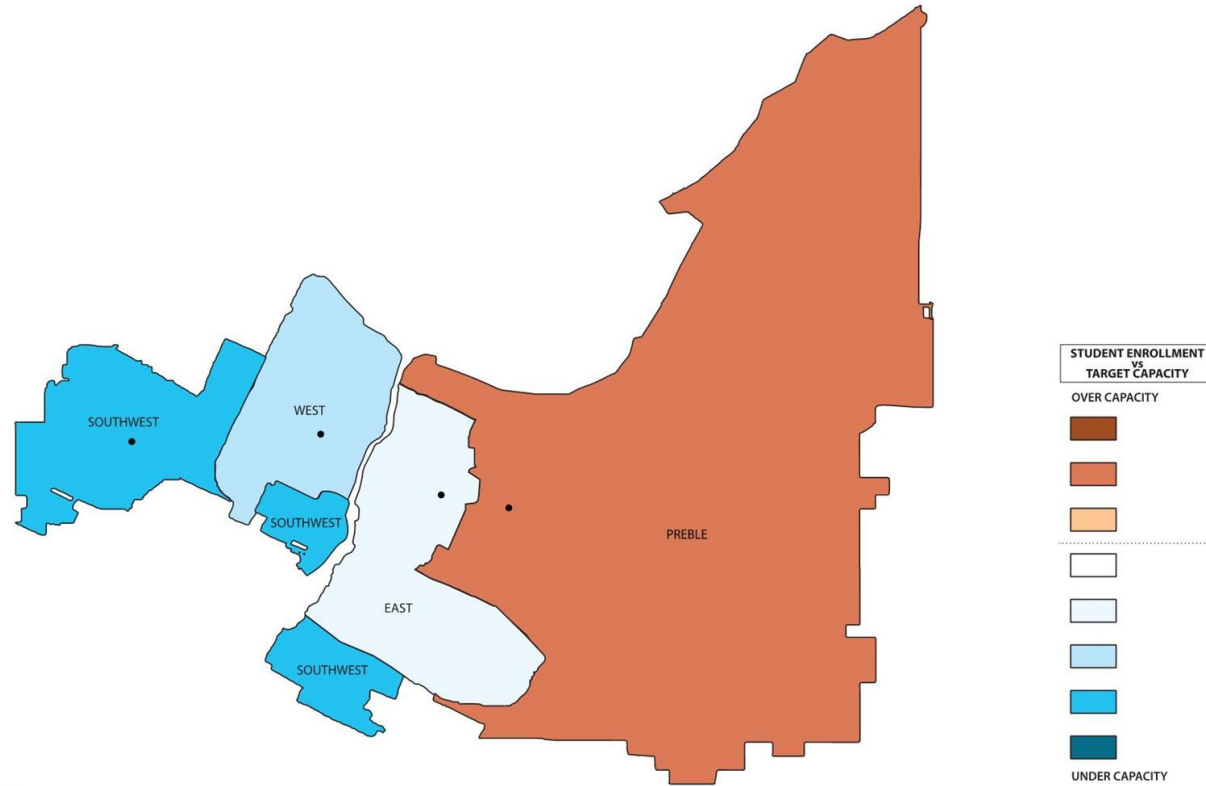


# Enrollment



Projected Middle School Capacity – 2020/21

# Enrollment



Projected High School Capacity – 2020/21