

BELMONT PUBLIC SCHOOLS

Enrollment and Class Size Presentation
School Committee
October 10, 2017

Enrollment – District Wide

Aggregate Increase over 6 Year Period & Projection over the next 2 Year Period

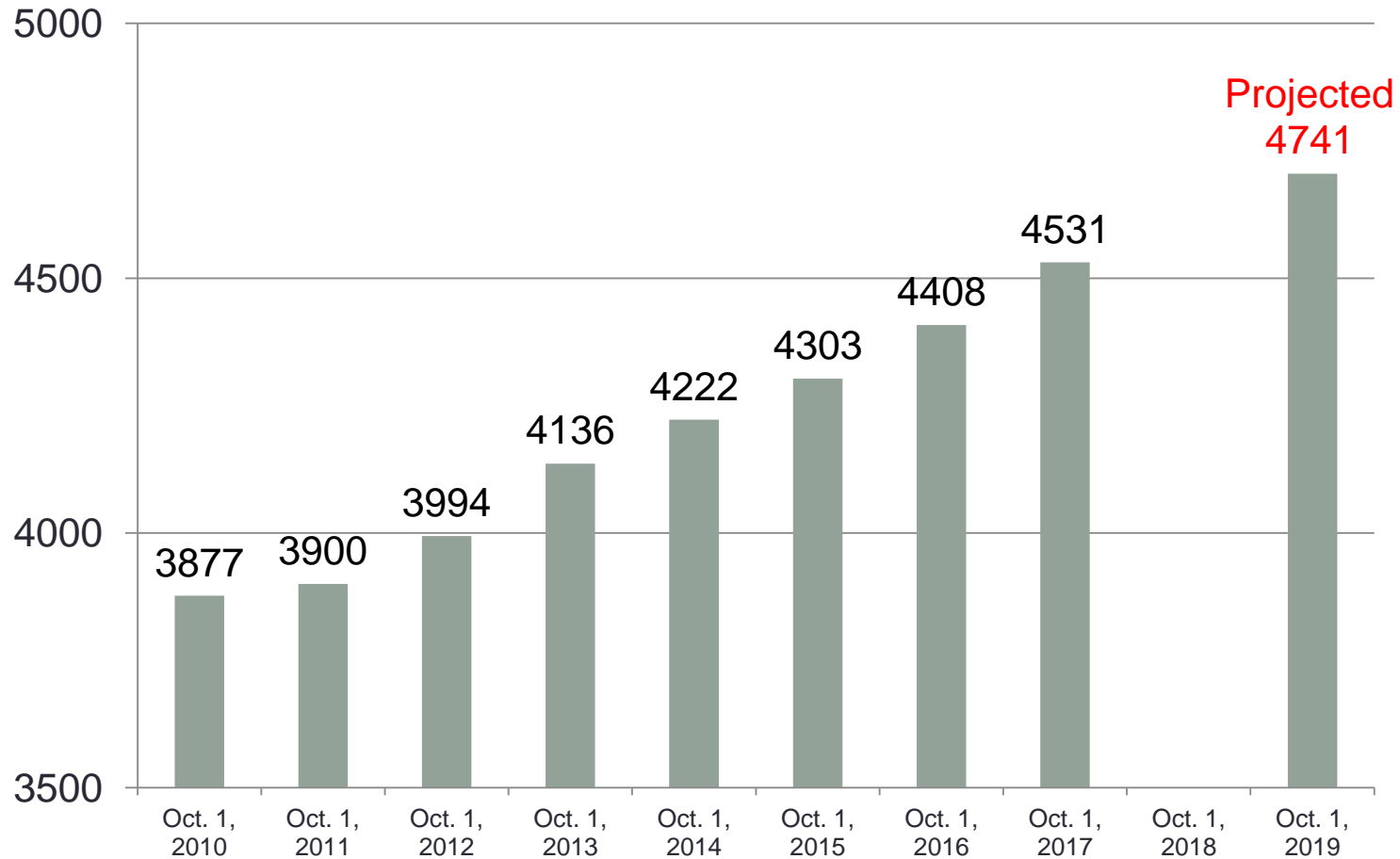
	Oct. 1, 2011	Oct. 1, 2012	Oct. 1, 2013	Oct. 1, 2014	Oct. 1, 2015	Oct. 1 2016	Oct. 1 2017	Oct. 1, 2019
BPS K-12 Enrollment	3900	3994	4136	4222	4303	4408	4531	**4741
		94	142	86	81	105	123	
			<i>Increase, 2011 to 2017:</i>				631	

The average six year increase is 105 students per year which gives the current projection of 4,741 by October 2019. This projection includes the impact of new housing (present and future), the Belmont Royal Apartments (still coming on line) and the Cushing Village apartments.

BPS enrollment of all students (including PreK and OOD) = 4,703

BPS K-12 Enrollment

From October 1, 2010 to October 1, 2017



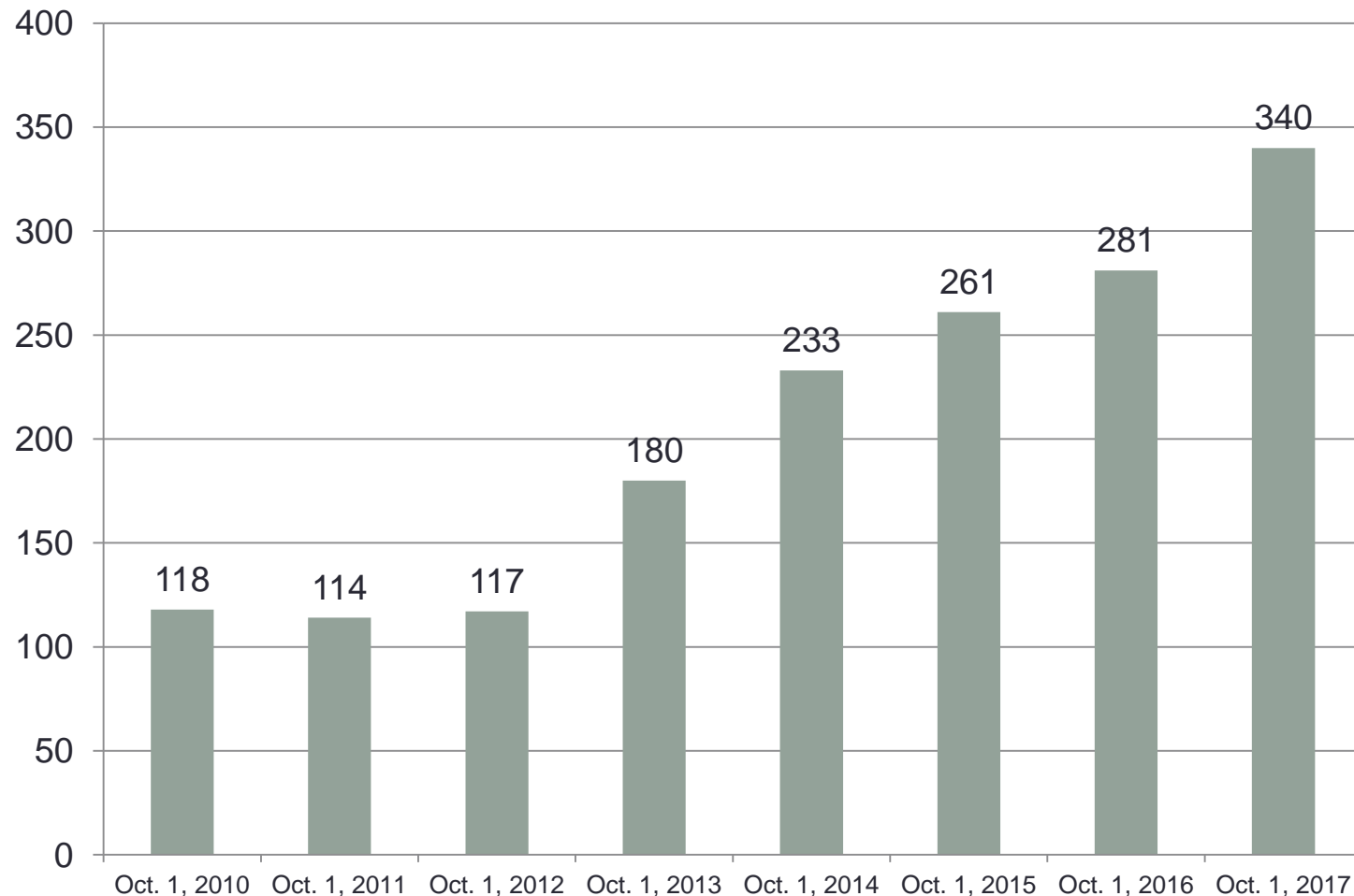
Student Services Enrollment

Two sub categories of students that we have seen an increase in enrollment are:

1. *Students who are non- English speaking (ELs)*
2. *Students on IEPs who receive their services through out of district schools (OOD)*

EL Enrollment K-12

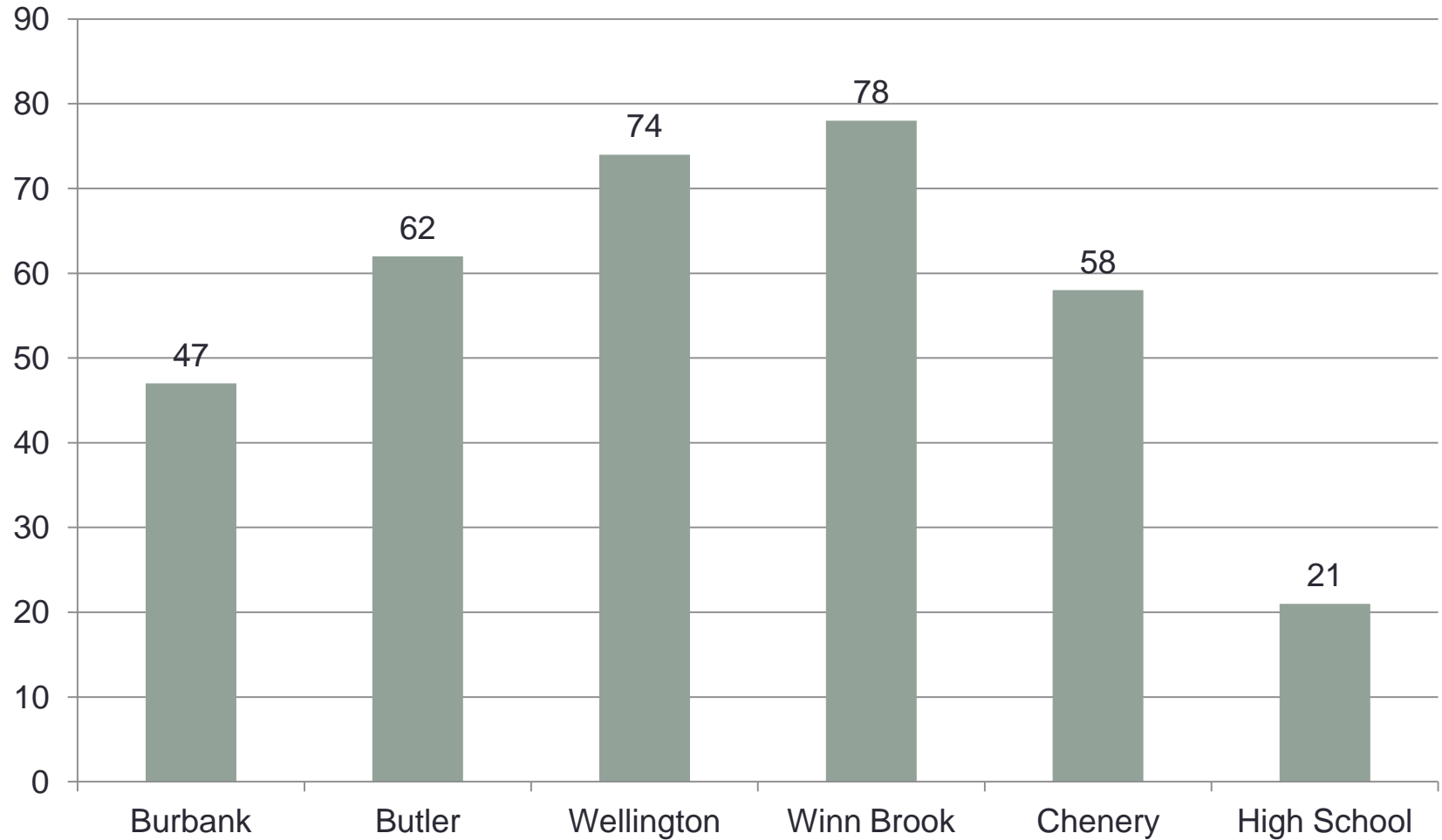
From Oct. 1, 2010 to Oct. 1, 2017



**There are also 13 PreK ELs; they are screened and receive instruction from SEI endorsed teachers only (not additional ELD instruction).*

EL Enrollment K-12 by School

Oct. 1, 2017



EL Enrollment K-12 by School

2016 → 2017 Comparison

	October 1, 2016	October 1, 2017
Burbank	46	47
Butler	49	62
Wellington	64	74
Winn Brook	57	78
Chenery Middle School	40	58
Belmont High School	26	21

EL Population Increase K-12

From Oct. 1, 2010 to Oct. 1, 2017

Date	Total EL Population	Change from Previous Year	% Change
Oct. 1, 2010	118		
Oct. 1, 2011	114	-4	-3%
Oct. 1, 2012	117	3	3%
Oct. 1, 2013	180	63	54%
Oct. 1, 2014	233	53	29%
Oct. 1, 2015	261	28	12%
Oct. 1, 2016	281	20	8%
Oct. 1, 2017	340	59	21%

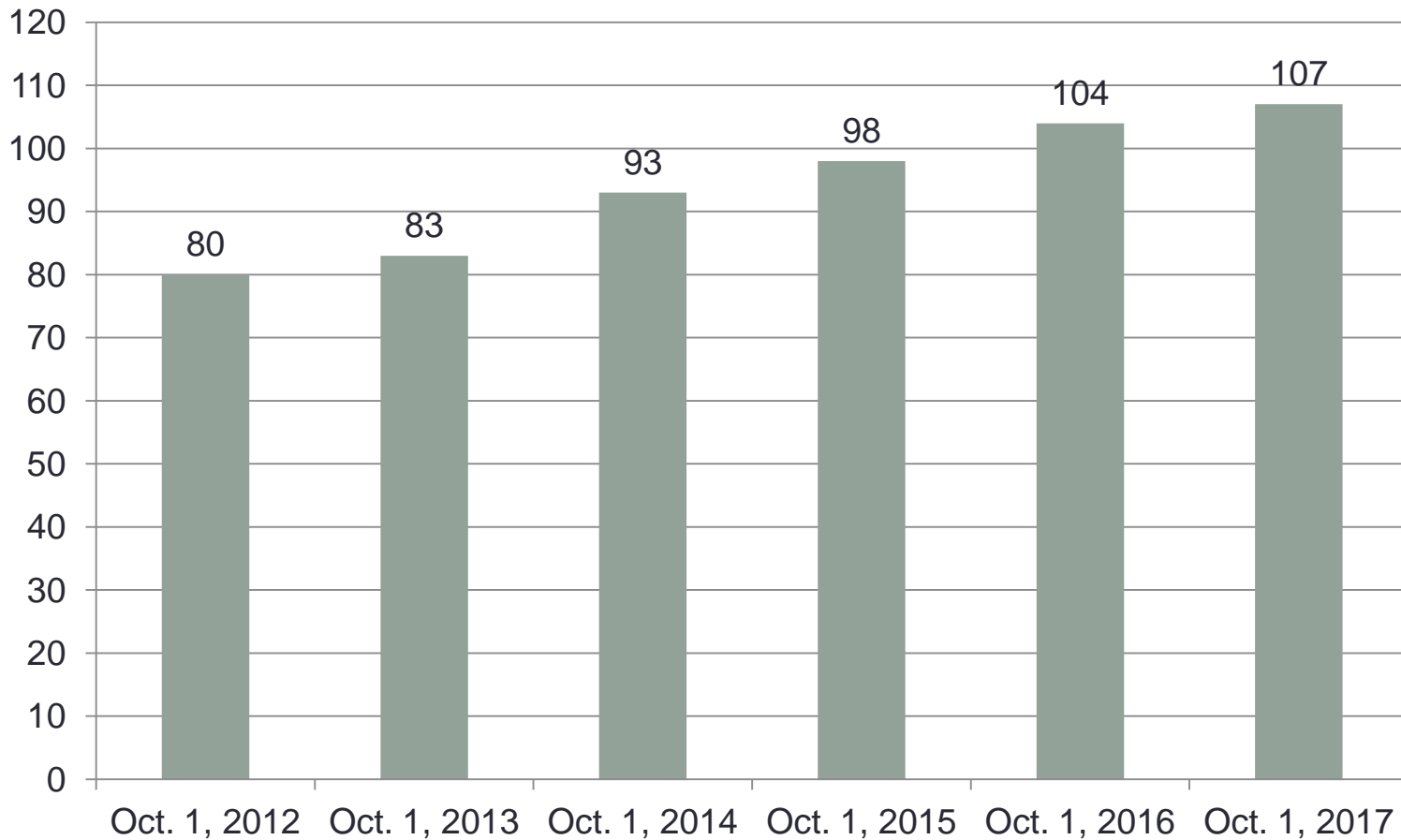
EL Population as a Percent of Total Enrollment K-12 From Oct. 1, 2010 to Oct. 1, 2017

Date	Total Enrollment	Total EL Population	% of Total
Oct. 1, 2010	3877	118	3.0%
Oct. 1, 2011	3900	114	2.9%
Oct. 1, 2012	3994	117	2.9%
Oct. 1, 2013	4136	180	4.4%
Oct. 1, 2014	4222	233	5.5%
Oct. 1, 2015	4303	261	6.1%
Oct. 1, 2016	4408	281	6.4%
Oct. 1, 2017	4531	340	7.5%

Out of District Students

1. Current Enrollment (September and October)
2. 2016-17 Monthly Enrollment
3. Six Year Historical Trend

Belmont Public Schools OOD Student Placements From Oct. 1, 2012 to Oct. 1, 2017



Current Enrollment Implications

School Level

BHS

6 modular classrooms

CMS

6 modular classrooms

Elementary

- Burbank, Butler, and Winn Brook reallocated space to accommodate 3 additional classes
- 4 modular classrooms will be added to Burbank, 2018/19

District Wide

- Three elementary teachers were added, grades K, 1, and 4.
- One additional bus was added again this year, bringing the total fleet to 8.
- Mandated services increased. We added one special educator to CMS and another ESL teacher to service our elementary children 2017/18 SY.
- Additional (partial) art, music, PE, nursing, and guidance FTE were added due to increased enrollment.
- The average YOG cohort size is **349**. The range is **303 → 388**.

Year of Graduation and Current Grade	2016-17 Enrollment as of October 1, 2016	2017-18 Enrollment as of October 1, 2017	Difference
2017, Graduated	290	0	-290
2018, Grade 12	333	330	-3
2019, Grade 11	311	303	-8
2020, Grade 10	330	333	3
2021, Grade 9	326	332	6
2022, Grade 8	343	346	3
2023, Grade 7	342	343	1
2024, Grade 6	348	361	13
2025, Grade 5	350	371	21
2026, Grade 4	365	383	18
2027, Grade 3	391	388	-3
2028, Grade 2	329	348	19
2029, Grade 1	350	373	23
2030, Kindergarten	0	320	320
Totals	4,408	4,531	123

Enrollment by Level (Oct. 1)

	2016-17 Enrollment as of October 1, 2016	2017-18 Enrollment as of October 1, 2017	Difference
Elementary	1,785	1,812	27
Middle	1,359	1,421	62
High	1,264	1,298	34
Totals	4,408	4,531	123

Elementary Enrollment (Oct. 1)

2016-2017

Kindergarten	350
Grade 1	329
Grade 2	391
Grade 3	365
Grade 4	350
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Total	1,785

2017-2018

320	
373	
348	
388	
383	
<hr/>	
1,812	

Class Size Guidelines for K-4

Grade	Guidelines	Actual Range 2016	Actual Range 2017
K	18-22	22-24	17-23
1	19-23	21-23	21-25
2	19-23	16-25	22-24
3	20-24	22-26	20-24
4	20-24	20-25	23-26

Elementary Class Sizes

Guidelines	# of classes within guidelines	# of classes that exceed guidelines	% above guidelines by grade
K (18-22)	14	2	13%
1 (19-23)	7	9	56%
2 (19-23)	9	6	40%
3 (20-24)	10	7	41%
4 (20-24)	12	4	25%

- 2016-17, 42% of K-4 classes (32 of 77) exceeded the class size guidelines.
- 2017-18, 35% of K-4 classes (28 of 80) exceed the class size guidelines.

CMS Enrollment (Oct. 1)

2016-2017

Grade 5	348
Grade 6	342
Grade 7	343
Grade 8	326
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Total	1,359

2017-2018

371	
361	
343	
346	
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1,421	

CMS: ELA, Foreign Language, Math, Reading, Science, Social Studies

	Guidelines	2016-17 Average	2017-18 Average
Grade 5	20-24	24	26
Grade 6	22-26	23	24
Grade 7	22-26	23	23
Grade 8	22-26	22	23

CMS: ELA, Foreign Language, Math, Reading, Science, Social Studies

	Guidelines	2016-17 Range	2017-18 Range	2017-18 # of sections	# of sections above guidelines
Grade 5	20-24	21-26	19-28	57	49
Grade 6	22-26	13-29	17-29	82	9
Grade 7	22-26	15-30	14-28	73	8
Grade 8	22-26	13-29	12-29	73	8

CMS: Art, Music, PE, Health, Technology Engineering

	Guidelines	2016-17 Average	2017-18 Average
Grade 5	20-24	25	26
Grade 6	22-26	24	25
Grade 7	22-26	24	23
Grade 8	22-26	25	25

CMS: Art, Music, PE, Health, Technology Engineering

	Guidelines	2016-17 Range	2017-18 Range	2017-18 # of sections	# of sections above guidelines
Grade 5	20-24	21-30	23-28	28	24
Grade 6	22-26	15-30	12-32	62	28
Grade 7	22-26	15-31	9-31	65	24
Grade 8	22-26	10-29	7-31	75	36

BHS Enrollment (Oct. 1)

2016-2017

Grade 9	330
Grade 10	311
Grade 11	333
Grade 12	290
Total	1,264

2017-2018

332
333
303
330
1,298

BHS Averages by Department

	2016-2017 Averages		2017-2018 Averages	
English	College Prep	22	College Prep	23
	Honors	25	Honors	26
	Advanced Placement	28	Advanced Placement	24
Foreign Language	College Prep	21	College Prep	21
	Honors	22	Honors	23
	Advanced Placement	22	Advanced Placement	24
Math	College Prep	20	College Prep	20
	Honors	24	Honors	27
	Advanced Placement	22	Advanced Placement	23
Physical Education	Grade 9, Wellness	24	Grade 9, Wellness	24
	Grade 10, Positive Decision-making	27	Grade 10, Positive Decision-making	25
	Grade 11/12 Electives	19	Grade 11/12 Electives	20

BHS Averages by Department

	2016-2017 Averages		2017-2018 Averages	
Science & Technology Engineering	College Prep	23	College Prep	23
	Honors	24	Honors	25
	Advanced Placement	27	Advanced Placement	26
Social Studies	College Prep	24	College Prep	24
	Honors	25	Honors	24
	Advanced Placement	26	Advanced Placement	27
Visual & Performing Arts	Introductory courses	24	Introductory courses	22
	Advanced courses	18	Advanced courses	17

BHS Ranges by Department

	2016-2017 Ranges	2017-2018 Ranges
English	17-28	16-31
Foreign Language	9-29	12-29
Math	12-29	14-31
Physical Education	9-32	8-31
Science and Technology Engineering	17-31	17-31
Social Studies	16-30	17-30
Visual and Performing Arts	9-28	10-28

BHS Class Size Summary

Number of classes by enrollment

	2016-2017	2017-2018	2017-2018 % of total
Classes with ≤ 15 students or less	27	22	5%
Classes with 16-20 students	79	81	21%
Classes with 21-26 students	200	182	47%
Classes with 27-30 students	67	84	22%
Classes with > 30 students	6	10	3%
Performance classes with > 30 students	6	7	2%
Total classes at BHS	385	386	