



Annual Class Size Report October 2020

Board Policy IIB-R-1

“The greatest remedy in the world is change; and change implies the passing from the old to the new. It is also the only path that leads from the lesser to the greater, from the dream to the reality, from the wish to the heart’s desire fulfilled.”

Executive Summary

Board Policy IIB-R-1 states the following recommended criteria for evaluating class size:

Grade Level	Ratio
K	24:1
1-3	25:1
4-6	28:1
7-12	30:1

Every class offered in the school district is listed the appendix section of this report. The following is offered as an executive summary.

The average class size is calculated based on the actual number of students in a classroom with a teacher. The student / teacher ratio uses the total number of students in the school compared to the total number of licensed teachers who provide instruction to students. The student teacher ratio includes reading specialists, elective and specials teachers (art, music, technology, etc.) special education teachers, and other specialists (G/T and ELL) who teach children, and does not include paraprofessionals, counselors, administrators or any unlicensed staff. The average class size is typically larger than the student / teacher ratio because not all teachers are teaching all the time. Most teachers have a planning period.

Elizabeth High School

The average class size at EHS is 15 students per class. The average class size for core subject areas is 19. The student / teacher ratio for the school is 20:1. There are no classes offered at EHS that exceed the recommended 30:1 ratio.

Average class size for core subject areas are

Language Arts – 22	Science – 17
Mathematics - 16	Social Studies - 21

Elizabeth Middle School

The average class size at EMS is 23 students per class. The student / teacher ratio for the school is 28:1. There are 3 classes offered at EMS that exceed the recommended 30:1 ratio.

The following is a listing of the classes that exceed a recommended 30:1 ratio

- 8th Grade WEB – 34 students
- 6th Grade Geography – 31 students
- Reading 6 – 31 students

Singing Hills Elementary School

The average class size at Singing Hills Elementary is 19 students per class. The student / teacher ratio is 16:1. The recommended ratio per Board Policy IIB-R-1 is compared with the actual class size: (does not include online students)

<u>Grade Level</u>	<u>Recommended Ratio</u>	<u>Actual Ratio Singing Hills</u>
K	24:1	17:1
1-3	25:1	18:1
4-5	28:1	19:1

Running Creek Elementary School

The average class size at Running Creek Elementary is 19 students per class. The student / teacher ratio is 15:1. The recommended ratio per Board Policy IIB-R-1 is compared with the actual class size: (does not include online students)

<u>Grade Level</u>	<u>Recommended Ratio</u>	<u>Actual Ratio Running Creek</u>
K	24:1	18:1
1-3	25:1	18:1
4-5	28:1	16:1

APPENDIX

Singing Hills Elementary School

		IN PERSON	ONLINE		
Ms. Carlisle	Kindergarten	16	1		
Mrs. Dulin	Kindergarten	18	2		
Mrs. Holmes	Kindergarten	17	0		
				TOTAL	54
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Ms. Gauerke	1st Grade	19	1		
Ms. Khoury	1st Grade	16	0		
Ms. Lederhos	1st Grade	17	0		
				TOTAL	53
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Mrs. Battistoni	2nd Grade	18	2		
Ms. DiPaola	2nd Grade	18	3		
Mrs. Stout	2nd Grade	20	0		
				TOTAL	61
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Mrs. Lynch	3rd Grade	18	0		
Mrs. Rusk	3rd Grade	17	1		
Ms. Stewart	3rd Grade	19	0		
				TOTAL	55
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Mrs. DeCristino	4th Grade	16	0		
Ms. Spence	4th Grade	16	1		
Ms. Green	4th Grade	14	2		
				TOTAL	49
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Mrs. Wygant	5th Grade	22	1		
Mrs. Smith	5th Grade	22	1		
Ms. Schmidt	5th Grade	22	1		
				TOTAL	69
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TOTAL STUDENT COUNT					341

Running Creek Elementary School

		IN PERSON	ONLINE	
Mrs. Lawrence	Kindergarten	19	1	
Mrs. Gregory	Kindergarten	17	1	
				TOTAL 38
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Mr. Martinez	1st Grade	19	2	
Ms. Moncrief	1st Grade	20	1	
				TOTAL 42
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Mrs. McWhorter	2nd Grade	17	2	
Mrs. Cirbo	2nd Grade	17	1	
				TOTAL 37
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Ms. Agee	3rd Grade	16	2	
Mrs. Jones	3rd Grade	17	2	
Mrs. Gates	3rd Grade	17	1	
				TOTAL 55
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Mrs. Dorris	4th Grade	19	2	
Mrs. Snider	4th Grade	18	2	
Mrs. Bosco	4th Grade	18	2	
				TOTAL 61
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Mjs. Schwarz	5th Grade	14	2	
Mrs. Conner	5th Grade	14	2	
Mrs. Long	5th Grade	13	2	
				TOTAL 47
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TOTAL STUDENT COUNT				280

Elizabeth Middle School

DEPARTMENT	COURSE NAME	AVG #	DEPARTMENT	COURSE NAME	AVG#
COMPUTERS			MUSIC		
	Computer Exploration (2)	18		Beginning Band 6	16
	Computer Innovations (2)	15		Band 7	18
	Comp. & Graphics	20		Band 8	8
	Yearbook	17		Beginning Orchestra 6	8
				Orchestra 7	15
DRAMA				Orchestra 8	9
	Drama 6	19		Choir 6	12
	Drama 7	15		Choir 7	17
	Drama 8	19		Choir 8	12
			SCIENCE		
TECHNOLOGY				Science 6 (5)	26
	STEAM 6 (2)	19		Science 7 (4)	27
	STEAM 7 (2)	16		Adv. Science 7	28
	STEAM 8 (2)	14		Science 8 (4)	23
				Adv. Science 8	25
FINE ARTS			SOCIAL STUDIES		
	Intro to Art (2)	21		Geography 6 (5)	27
	Studio Art 8	25		World Hist. 7 (5)	27
	3D Design	23		Am. Hist. 8 (5)	23
	2D Art	25			
	Photography	25	PHYSICAL ED		
LANGUAGE ARTS				Health 6	23
	Reading 6 (5)	27		Health 7	22
	Writing 6 (5)	27		Health 8	13
	Reading7 (4)	27		P.E. 6	24
	Adv. Reading 7	28		P.E. 7	24
	Writing 7 (4)	27		P.E. 8	13
	Adv. Writing 7	28		Sports & Games 6 (2)	23
	Reading 8 (4)	24		Sports & Games 7 (2)	25
	Adv. Reading 8	22		Sports & Games 8 (2)	22
	Writing 8 (4)	24	ADVISORY		
	Adv. Writing 8	22		6th (6)	22
				7th (6)	19

MATH			8th (6)	14
			8th WEB	34
	Math 6 (6)	22		
	Math 7 (5)	22	Classes w/ 30+ Students	3
	Pre-Algebra (6)	21	6th grade L.A., 6th grade Social Studies, & 8th WEB advisory	
Algebra I	16			
			Average # of students per Core Class =	25
			Average # of students per Elective Class =	18

(#) Indicates the number of sessions taught, if more than one.

Elizabeth High School

Department	Course/Sections	Stud #	Department	Course /Section	Stud #	
<u>Art</u>	Drawing I (4)	22	<u>Mathematics</u>	AP Calculus AB	5	
	Intro to 3-D (2)	15		AP Calculus BC	10	
	Portfolio Art 2-D	8		AP Statistics (2)	24	
	Portfolio Art 3-D	2		Algebra Math Lab (3)	9	
	AP Studio Art 2-D	1		<i>Pre-Algebra (2)</i>	19	
	Graphic Design (2)	18		<i>CP Algebra I (6 Teams)</i>	18	
<u>Business</u>	Accounting Princ. I	5		<i>CP Algebra II (4)</i>	18	
	Bus. Foundations (2)	24		<i>CP Geometry (5)</i>	19	
	Human Res. Managmt. I	9		<i>Adv Algebra & Trig</i>	9	
	Financial Literacy	6		<i>Integrated Math II (2)</i>	12	
	Into to PC Application	19		<i>Pre-Calculus (2)</i>	17	
	AP Computer Sci. Princ.	4		Basic Math	2	
<u>Fam/Cons Science</u>	Culinary I	22		<u>Music</u>	AP Music Theory	5
	Culinary II	10			Bel Canto	15
	Culinary III	12			Chamber Choir	14
	Intro Fashion, Int & Cul.	17	Choraliers		17	
	Teacher Cadet	10	Jazz Choir		9	
	Personal Finance (3)	16	Concert Orchestra		23	
	Personal Living (2)	25	Jazz Ensemble		11	
			Concert Band		30	
		Piano I (2)	12			
<u>Language Arts</u>	AP English Language (2)	11	<u>Physical Ed.</u>		Adaptive Phy. Ed.	10
	AP English Literature	15			Adv. Sports & Fitness (2)	25
	<i>CP Lit & Comp 100 (3)</i>	17			Aerobics	14
	CP Lit & Comp 200 (2)	20			<i>Health Education (2)</i>	29
	Creative Writing I (2)	11			Intro. Women's Wtg.	28
	<i>Lit & Comp 100 (4)</i>	21		Intro. Wtg. Training (2)	22	
	<i>Lit & Comp 200 (6)</i>	22		PEER Sport & Fitness	15	
	<i>Lit & Comp 300 (5)</i>	22		Sports & Fitness (3)	21	
	<i>Lit & Comp 400 (3)</i>	19		Sports Str & Cond. (2)	24	
	<i>Lit & Comp Recovery</i>	30		Women's Str & Cond.	28	
	Public Speaking	11				
	Sports Literature	14		<u>Social Studies</u>	AP European History	6
	Yearbook Production	20			AP Govt. & Politics	11
	Basic Language Arts	5			AP Human Geography	23
		AP US History	5			
		National History Day	10			
		Psychology I (2)	22			
		<i>US Government (2)</i>	19			
		<i>US History (7)</i>	19			
		<i>World Geography (6)</i>	23			

World History (6)	21
Warfare	13
World Wars	6

<u>Department</u>	<u>Course/Sections</u>	<u>Stud #</u>	<u>Department</u>	<u>Course /Section</u>	<u>Stud #</u>
<u>Science</u>	AP Biology	8	<u>Theatre Arts</u>	Beg. Tech Theatre	15
	Astronomy	11		Performance Theatre	3
	Biology (4)	19		Technical Theatre	9
	Chemistry (2)	17		Theatre I	9
	CP Anatomy/Phys.	20			
	CP Biology (3)	17	<u>World Language</u>	Spanish I (5)	19
	CP Chemistry (3)	14		Spanish II (2)	16
	CP Physical Science (3)	20		Spanish III	15
	Environmental Sci.	23		Spanish IV	3
	Physical Science (3)	21	<u>Electives</u>	Gifted & Talented Sem.	3
	Conceptual Phys. Sci.	7		Student Council	27
	Ind Study AP Chem/Phys	7		Student Internship	1
		Study Hall (10)		18	
		Learning Support (7)		8	
<u>Technology Ed.</u>	Adv Tech./M Media/App	14			
	Fund of Technology (3)	13			
	Robotics	8			
	Aud. Visual Prod. I (3)	14			
	Broadcasting Prod/EZTV	9			

*= Sect. w/31+ (0)

Ave. stud/class: 15

STUDENT ENROLLMENT PARAMETERS (UPDATED – 12/99)

ASSUMPTIONS:

- Smaller class sizes are an important factor related to student learning.
- Smaller class sizes are most important in primary (K-3) grade levels, and consideration for additional staff when enrollment numbers are in the critical zone should be a priority.
- Para-educators are an important factor in providing efficient and effective operation of the school (ex. lunch and playground duty to free administrators and teachers to concentrate on other concerns). Para-educators may be especially useful for dividing classes into smaller work groups (ex. reading groups based on ability levels).
- In certain 7-12 classes, such as Science, Consumer/Family Studies, and Technology Education, smaller class sizes than those indicated below may be recommended in the interest of safety. If at all possible, computer class sizes should be limited to the number of computers in the room.

GUIDELINES:

- Because of many factors associated with growth, the parameters below DO NOT automatically dictate a specific action. However, the middle range of numbers specified (critical zones) for each instructional level represents the points at which discussions should begin concerning additional staffing (not when the maximums are reached).
- In applying the parameters below, consideration should also be given for special education students and teacher-student loads during the preceding two to four year period (ex. one grade or student class should not continuously remain larger than others).
- A new teacher normally will not be added after the first six weeks of school.
- When grade level counts trigger the addition of a new teacher - the instructional aide position at that grade level (2nd-6th) will normally be reassigned or eliminated.

PARAMETERS:

●●● Kindergarten ●●●	●●● Grades 1-3 ●●●	●●● Grades 4-6 ●●●	●●● Grades 7-12 ●●●
Recommended Max. Class Size = 24:1 <22:1 no instructional aide 22:1-24:1 one instructional aide >24:1 add new teacher (25th student - add teacher)	Recommended Max. Class Size = 25:1 <23:1 no instructional aide 23:1-25:1 one instructional aide >25:1 add new teacher (26th student - add teacher)	Recommended Max. Class Size = 28:1 <26:1 no instructional aide 26:1-28:1 one instructional aide >28:1 add new teacher (29th student - add teacher)	Recommended Max. Class Size = 30:1 (Average) <28:1 no instructional aide 28:1-30:1 one instructional aide >30:1 add new teacher (31st student - add teacher)
Ex.) 6 teachers = 144 max. students 145 students = 7th teacher new ratio = 20.7:1	Ex.) 6 teachers = 150 max. students 151 students = 7th teacher new ratio = 21.6:1	Ex.) 6 teachers = 168 max. students 169 students = 7th teacher new ratio = 24.2:1	Ex.) 6 teachers = 180 max. students 181 students = 7th teacher new ratio = 25.8:1

CAMPUS OFFICE PARAMETERS (UPDATED – 12/99)

ASSUMPTIONS:

The parameters identified below are established to guide decisions related to campus office personnel. They DO NOT automatically dictate a specific action.

The parameters will be used to project staffing needs based on actual student enrollments.

Decisions related to new personnel will be based on these parameters as well as other factors including: overall budget needs, current personnel in a particular campus office, additions to position responsibilities, and possible transitional personnel positions.

PARAMETERS:

●●● ADMINISTRATION ●●●	●●● COUNSELING ●●●	●●● SECRETARIES ●●●	●●● OTHER ●●●
<p>Elementary (500-800) minimum: 1 Principal</p> <p>add .5 AP @ 550-600 add 1 AP @ 650-750</p> <p>Middle School (675-800) minimum: 1 Principal 1 Assistant Principal</p> <p>add 1 AP @ 750-800</p> <p>High School (500-1,000) minimum: 1 Principal 1 Assistant Principal</p> <p>1 AP per 350 students add 1 AP @ 700 add 1 AP @ 1,050</p>	<p>Elementary (500-800) minimum: 1 Counselor</p> <p>1 Couns. per 550 Students add .5 Couns. @ 825 (1 or 1.5 per school)</p> <p>Middle School (675-800) minimum: 1 Counselor</p> <p>1 Couns. per 350 students add 1 Couns. @ 700</p> <p>High School (500-1,000) minimum: 1 Counselor</p> <p>1 Couns. per 300 students add 1 Couns. @ 600 add 1 Couns. @ 900</p>	<p>Elementary (500-800) probable: 1 Office manager 1 Secretary</p> <p>Middle School (675-800) probable: 1 Office manager 2 Secretaries</p> <p>High School (500-1,000) probable: 1 Office manager 2 Secretaries</p> <p>add 1 Sec. @ 600 add 1 Sec. @ 800 add 1 Sec. @ 1,000</p>	<p>K-12 Media Centers: minimum: 1 Media Specialist 1 Media Aide</p> <p>K-12 School Psychologists: minimum: 2.0 School Psychologists</p> <p>add .5 per 500 students (K-12) above 2,000</p> <p>add 2.5 @ 2,500 add 3.0 @ 3,000</p>

File: IIB

Adopted May 20, 1981
Revised September 9, 1999
Revised March 10, 2014

Class Size

The board is aware that class size has a bearing upon effective teaching and student success. It therefore directs the superintendent to work with principals and the chief financial officer in establishing reasonable and equitable enrollment levels for all teachers and classes.

The board understands that achieving this is dependent upon the financial resources available to the district. In determining the size of various classes, the administration shall consider the following factors:

- 1) A class size which will help the teacher be most effective with all students in the class.
- 2) The experience of the teacher and their familiarity with district and school programs and policies, and the characteristics of the students in the class
- 3) Required preparation and grading time for the particular class.
- 4) Physical makeup of the classroom and its equipment to ensure the safety and well-being of the students and teacher.

The board shall at least annually review the sizes of all classes and make a determination as to the appropriateness of class sizes.