



# **Annual Class Size Report**

## **April 2021**

### **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 15. The student / teacher ratio for the school is 20:1. There are 2 classes offered at EHS that exceed the recommended 30:1 ratio. There are 59 students 100% online.

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

Sports & Fitness – 31 students  
Concert Band – 32 students

Average class size for core subject areas are

Language Arts – 16	Science - 16
Mathematics - 13	Social Studies - 15

### **Elizabeth Middle School**

The average class size at EMS is 22 students per class. The student / teacher ratio for the school is 28:1. There are 2 classes offered at EMS that exceed the recommended 30:1 ratio. There are 24 students 100% online.

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

6<sup>th</sup> Grade Adv. Math – 33 students  
6<sup>th</sup> Grade Adv. Reading – 30 students

**Singing Hills Elementary School**

The average class size at Singing Hills Elementary is 20 students per class. There are 11 students 100% online. The student / teacher ratio is 16:1. The recommended ratio per Board Policy IIB-R-1 is compared with the actual class size:

<u>Grade Level</u>	<u>Recommended Ratio</u>	<u>Actual Ratio Singing Hills</u>
K	24:1	20:1
1-3	25:1	19:1
4-5	28:1	21:1

**Running Creek Elementary School**

The average class size at Running Creek Elementary is 18 students per class. There are 18 students 100% online. The student / teacher ratio is 15:1. The recommended ratio per Board Policy IIB-R-1 is compared with the actual class size:

<u>Grade Level</u>	<u>Recommended Ratio</u>	<u>Actual Ratio Running Creek</u>
K	24:1	20:1
1-3	25:1	19:1
4-5	28:1	16:1

# **APPENDIX**

# Singing Hills Elementary School

2020-2021 Student Count		IN PERSON	ONLINE STUDENTS	
Ms. Carlisle	Kindergarten	20	1	
Mrs. Dulin	Kindergarten	20	1	
Mrs. Holmes	Kindergarten	20	1	
			<b>TOTAL</b>	<b>63</b>
<hr/>				
Ms. Gauerke	1st Grade	19	1	
Ms. Khoury	1st Grade	17	0	
Ms. Lederhos	1st Grade	18	0	
			<b>TOTAL</b>	<b>55</b>
<hr/>				
Mrs. Battistoni	2nd Grade	20	3	
Ms. DiPaola	2nd Grade	19	1	
Mrs. Stout	2nd Grade	20	0	
			<b>TOTAL</b>	<b>63</b>
<hr/>				
Mrs. Lynch	3rd Grade	19	0	
Mrs. Rusk	3rd Grade	19	0	
Ms. Stewart	3rd Grade	19	0	
			<b>TOTAL</b>	<b>57</b>
<hr/>				
Mrs. DeCristino	4th Grade	17	0	
Ms. Spence	4th Grade	18	0	
Ms. Green	4th Grade	16	2	
			<b>TOTAL</b>	<b>53</b>
<hr/>				
Mrs. Wygant	5th Grade	25	0	
Mrs. Smith	5th Grade	23	1	
Ms. Schmidt	5th Grade	25	0	
			<b>TOTAL</b>	<b>74</b>
<hr/>				
<b>TOTAL STUDENT COUNT</b>				<b>365</b>

## Running Creek Elementary School

### KINDERGARTEN TOTAL 39 / 2

GREGORY 20  
LAWRENCE 19  
100% ONLINE 2

### 1<sup>ST</sup> GRADE

MONCRIEF 20 TOTAL 40 / 2  
MARTINEZ 20  
100% ONLINE 2

### 2<sup>ND</sup> GRADE

McWHORTER/OTTE 19  
CIRBO 19  
100% ONLINE 2 TOTAL 38 / 2

### 3<sup>RD</sup> GRADE

AGEE 17 TOTAL 53 / 3  
JONES 19  
GATES 17  
100% ONLINE 3

### 4<sup>TH</sup> GRADE

DORRIS 19  
SNIDER 17 TOTAL 56 / 4  
BOSCO 18  
100% ONLINE 4

### 5<sup>TH</sup> GRADE

SCHWARZ 14  
CONNER 14  
LONG 14 TOTAL 42 / 5 TOTAL COUNT = 268 / 18  
100% ONLINE 5

# Elizabeth Middle School

DEPARTMENT	COURSE NAME	AVG #	DEPARTMENT	COURSE NAME	AVG#
<b>COMPUTERS</b>			<b>MUSIC</b>		
	Computer Exploration (2)	18		Beginning Band 6	17
	Computer Innovations (2)	16		Band 7	17
	Comp. & Graphics	13		Band 8	9
	Yearbook	15		Beginning Orchestra 6	10
				Orchestra 7	17
<b>TECHNOLOGY</b>				Orchestra 8	8
<b>(STEAM)</b>	Into to Engineering 6 (2)	15		Choir 6	19
	Engineering 7	18		Choir 7	14
	Robotics 7	14		Choir 8	12
	Engineering 8	13			
	Adv Robotics 8	10	<b>DRAMA</b>		
				Drama 6	24
<b>FINE ARTS</b>				Drama 7	15
	Intro to Art (2)	23		Drama 8	16
	Studio Art 8	26	<b>SCIENCE</b>		
	3D Design	24		Science 6 (4)	26
	2D Art	26		Adv.Science 6	29
	Photography	23		Science 7 (4)	27
				Adv. Science 7	28
<b>LANGUAGE ARTS</b>				Science 8 (4)	23
	Reading 6 (4)	26		Adv. Science 8	25
	Adv. Reading 6	30	<b>SOCIAL STUDIES</b>		
	Writing 6 (4)	27		Geography 6 (5)	27
	Adv. Writing 6	25		World Hist. 7 (5)	27
	Writing 7 (4)	28		Am. Hist. 8 (5)	24
	ADV. Writing 7	28	<b>PHYSICAL ED</b>		
	Reading 7 (4)	28		Health 6 (2)	22
	Adv. Reading 7	26		Health 7 (2)	22
	Writing 8 (4)	23		Health 8 (2)	23
	Adv. Writing 8	25		P.E. 6 (2)	21
	Reading 8 (4)	23		P.E. 7 (2)	25
	Adv. Reading 8	25		P.E. 8 (2)	22
<b>MATH</b>			<b>ADVISORY</b>		
	Math 6 (5)	19		6th (6)	22

Adv. Math 6th	<b>33</b>	7th (7)	<b>19</b>
Math 7 (5)	<b>22</b>	8th (6)	<b>18</b>
Pre-Algebra (6)	<b>22</b>	Band/Orchestra	<b>8</b>
Algebra I	<b>16</b>	SPED	<b>9</b>

**6th Grade Adv. Math = 33**

**6th Grade Adv. Reading = 30**

**Students 100% Online = 24**

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

Average # of students per Core Class = **25**

Average # of students per Elective Class = **18**



# Elizabeth High School

<u>Department</u>	<u>Course/Sections</u>	<u>Stud#</u>	<u>Department</u>	<u>Course/Section</u>	<u>Stud#</u>
<u>Art</u>	Drawing 1 (2)	25	<u>Mathematics</u>	AP Calculus AB	5
	Drawing & Painting II (2)	17		AP Calculus BC	10
	Intro to 3-D (2)	24		AP Statistics	21
	Portfolio Art 2-D	7		Algebra Math Lab (4)	8
	Portfolio Art 3-D	4		Pre-Algebra (3)	17
	Graphic Design (2)	14		CP Algebra I (5 teams)	19
	AP Studio Art 2-D	5		CP Algebra II (3)	19
	Advanced 3-D	9		CP Geometry (6)	22
<u>Business</u>	Accounting Princ. I	4		Adv Algebra & Trig	10
	Website Design (2)	23		Integrated Math II (2)	11
	Intro to PC App (5)	24		Pre-Calculus	15
	AP Computer Sci. Princ.	4	Basic Math	4	
	Intro to Business	18	<u>Music</u>	AP Music Theory	5
<u>Fam/Cons Science</u>	Culinary I (5)	23		Bel Canto	15
	Culinary II (3)	13		Chamber Choir	15
	Culinary III (2)	7		Choraliers	18
	Intro Fashion, Int & Cul.	17		Jazz Choir	11
	Teacher Cadet	7		Concert Orchestra	23
	Personal Finance (2)	14		Jazz Ensemble	12
	Personal Living	25		* Concert Band	32
Child Development (2)	14	Piano I		9	
<u>Language Arts</u>	AP English Language (2)	13		Piano II	7
	AP English Literature	16	<u>Physical Ed.</u>	Adaptive Phy. Ed.	10
	CP Lit & Comp 100 (2)	21		Adv. Sports & Fitness(3)	22
	CP Lit & Comp 200	19		Aerobics	15
	Creative Writing I (2)	11		Health Education (3)	27
	Lit & Comp 100 (5)	23		Intro. Women's Wtg.	16
	Lit & Comp 200 (4)	14		Intro. Wtg. Training	16
	Lit & Comp 300 (5)	22		PEER Sport & Fitness	15
	Lit & Comp 400 (4)	18		* Sports & Fitness (2)	31
	Lit & Comp Recovery(2)	14		Sports Str & Cond. (3)	24
	Public Speaking	11		Women's Str & Cond(2)	14
	Sports Literature	14	<u>Social Studies</u>	AP European History	6
	Yearbook Production	20		AP Govt & Politics	11
	Basic Language Arts	7		AP Human Geography	22
	Film as Literature	17		AP US History	6
		National History Day		10	
		Psychology I		21	
		US Government (2)		17	

			US History (7)	20	
			World Geography (7)	23	
			World History (7)	20	
			Colorado History	7	
<b><u>Science</u></b>	AP Biology	9	<b><u>Theatre Arts</u></b>	Performance Theatre	3
	Astronomy	12		Theatre II	5
	Biology (4)	21			
	Chemistry (3)	14	<b><u>World Language</u></b>	Spanish I (5)	18
	CP Anatomy/Phys.	20		Spanish II (3)	13
	CP Biology	16		Spanish III	16
	CP Chemistry (3)	12		Spanish IV	4
	CP Physical Science (2)	19			
	Environmental Sci. (2)	23	<b><u>Electives</u></b>	Gifted & Talented	
	Physical Science (4)	21		Sem.	3
	Conceptual Phys. Sci.	18		Student Council	26
	Ind Study AP Chem/Phys	7		Student Internship	1
				Study Hall (16)	14
				Cardinal Recovery	13
<b><u>Technology Ed.</u></b>	Adv Tech./M				
	Media/App	4			
	Fund of Technology(3)	12			
	Robotics	7			
	Aud. Visual Prod. I	19			
	Broadcasting Prod/EZTV	10			
	Aud. Visual Prod. II (2)	13			
	Materials Tech	9			

\*=Sect.w/31+ (0)

Concert Band	32
Sports & Fitness	32

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