



**BOARD OF EDUCATION OF HOWARD COUNTY
MEETING AGENDA ITEM**

TITLE: Class Size Report 2019-2020 **DATE:** December 17, 2019

PRESENTER(S): Anissa Dennis, Chief School Management and Instructional Leadership Officer
Patrick J. Saunderson, Community Superintendent, Area 1
Theo L. Cramer, Ed.D., Community Superintendent, Area 2
Kendra J. Johnson, J.D., Ed.D, Community Superintendent, Area 3

Strategic Call To Action Alignment:

Operations and practices are responsive, transparent, fiscally responsible and accountable, with students at the heart of all decisions.

OVERVIEW:

The Howard County Public School System (HCPSS) is committed to ensuring that each classroom has a class size that supports the academic performance of students. This report reviews data at the system level and by school to determine if expectations for class size are being met. The report reviews the staffing process and provides class size data for the current school year.

RECOMMENDATION/~~FUTURE DIRECTION:~~

Staff will continue to monitor class size to ensure that schools have adequate staffing for instructional programs.

<p>SUBMITTED BY: _____</p> <p>Anissa Dennis Chief School Management and Instructional Leadership Officer</p> <p>_____</p> <p>Patrick J. Saunderson Community Superintendent, Area 1</p> <p>_____</p> <p>Theo L. Cramer, Ed.D. Community Superintendent, Area 2</p> <p>_____</p> <p>Kendra J. Johnson, J.D., Ed.D. Community Superintendent, Area 3</p>	<p>APPROVAL/CONCURRENCE: _____</p> <p>Michael J. Martirano, Ed.D. Superintendent</p> <p>_____</p> <p>Karalee Turner-Little Deputy Superintendent</p>
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Overview of the Staffing Process

The Howard County Public School System (HCPSS) is committed to ensuring that each classroom has a class size that supports the academic performance of students.

Staffing is a year-long process starting in the prior year. In September, the Office of School Planning provides the Budget Office with the enrollment projections used to build the upcoming budget. Using the enrollment projections and staffing formulas, the Division of School Management and Instructional Leadership provides all instructional departments and community superintendents with the number of staff positions needed for the upcoming budget. Pool positions are included within the budget and are allocated to schools whose population increases warrant additional staffing. Differentiated staffing positions are also included within the budget to provide additional resources to schools with greater needs. These positions ensure that class sizes are maintained at appropriate levels throughout the staffing process.

In February, the Office of School Planning provides updated enrollment projections to the Division of School Management and Instructional Leadership. The Division of School Management and Instructional Leadership uses these projections and current enrollment to determine the number of positions each school will receive and provides this information to schools in late February.

In March, the community superintendents meet with each principal to review the proposed use of staffing allocations. Throughout the spring and summer the Division of School Management and Instructional Leadership closely monitors school enrollment and adjusts staffing as needed.

In August and September, the Division of School Management and Instructional Leadership meets weekly to review the enrollment of each school to determine if schools are staffed appropriately. Once the school year begins for students, every effort is made to avoid reducing staff in order to minimize disruption to students and school programs.

Throughout the year enrollment reviews take place and additional positions are allocated based on school needs. This is based on data such as class sizes, IEP service hours, and student course requests to guide allocation decisions.

The official enrollment count is taken for each school on September 30.

Elementary School Class Size 2019-2020

The data for elementary class size reflects the average number of students in each classroom by individual school as of September 30, 2019. Classroom refers to the grouping in which students spend the majority of their day. Reading and mathematics groupings in many schools have lower average numbers of students than homeroom classes because schools often use intervention teachers and others to provide instruction in these subject areas. These teachers may include reading specialists, Title I teachers, gifted and talented resource teachers, teachers provided through differentiated staffing, and other teachers not assigned to a regular classroom.

Elementary enrollment projections are used to determine the number of classroom teachers assigned to a school. The teacher to student ratio varies by grade level and is listed below:

- Kindergarten ratio is 1:22 with an upper range of 24 students
- Grades 1 and 2 ratio is 1:20 with an upper range of 25 students
- Grades 3, 4, and 5 ratio is 1:26 with an upper range of 31 students

Class sizes in elementary schools have remained relatively constant from year to year. Schools sometimes make one class smaller or larger than another to accommodate the size of a given classroom or the particular needs of the children in a given grade. The average class size by grade of all elementary schools, comparing last year's numbers to this year's numbers, is as follows:

Grade	2018-2019	2019-2020
Kindergarten:	20.5	20.7
Grade 1:	20.9	21.0
Grade 2:	21.2	20.5
Grade 3:	24.8	24.2
Grade 4:	24.9	24.5
Grade 5:	24.8	24.3

The following tables provide additional details related to elementary class sizes:

Table E-1

*Comparative Class Size Data
Kindergarten, 2018-2019, 2019-2020*

Table E-2

*Comparative Class Size Data
Grades 1 and 2, 2018-2019, 2019-2020*

Table E-3

*Comparative Class Size Data
Grades 3, 4, and 5, 2018-2019, 2019-2020*

Table E-4

*Comparative Class Size Data by Teacher
Grades Kindergarten, 1-5, 2018-2019, 2019-2020*

Table E-5

*Class Average by Grade Level
Grades Kindergarten, 1-5, 2018-2019, 2019-2020*

**TABLE E-1
COMPARATIVE CLASS SIZE DATA
KINDERGARTEN CLASS RATIO 1:22 WITH AN UPPER RANGE OF 24**

School	Kindergarten			
	Total Number of Classes		Comparative Class Size	
	18-19	19-20	18-19	19-20
Atholton	4	4	17.8	20.3
Bellows Spring	6	6	20.8	20.3
Bollman Bridge*	5	5	21.4	22.4
Bryant Woods*	3	3	22.7	20.7
Bushy Park	4	4	21.3	22.3
Centennial Lane	5	4	20.2	22.0
Clarksville	2	4	19.0	24.3
Clemens Crossing	4	4	21.8	20.5
Cradlerock*	4	4	18.8	21.5
Dayton Oaks	4	4	21.8	22.5
Deep Run*	6	5	19.0	21.6
Ducketts Lane*	5	3	19.0	22.3
Elkridge	6	7	20.7	19.6
Forest Ridge	5	6	21.4	20.8
Fulton	7	8	20.4	23.3
Gorman Crossing	6	6	20.8	22.0
Guilford*	3	3	22.3	22.3
Hammond	5	4	19.8	22.5
Hanover Hills	5	6	18.6	17.5
Hollifield Station	6	7	22.5	21.6
Ilchester	5	4	21.4	20.5
Jeffers Hill	3	3	21.3	22.0
Laurel Woods*	4	5	20.0	20.2
Lisbon	3	4	22.7	18.8
Longfellow*	4	3	19.8	22.0
Manor Woods	5	4	21.4	19.3
Northfield	5	5	22.8	19.0
Phelps Luck*	5	5	22.4	19.2
Pointers Run	6	6	22.5	21.2
Rockburn	5	5	21.0	20.4
Running Brook*	4	4	18.8	17.0
St. John's Lane	6	6	20.5	23.3
Stevens Forest*	4	3	17.8	19.3
Swansfield*	5	5	20.4	18.0
Talbott Springs*	4	4	18.0	18.8
Thunder Hill	4	4	18.8	18.3
Triadelphia Ridge	4	3	19.5	18.7
Veterans	6	7	20.8	21.3
Waterloo	3	4	20.0	20.0
Waverly	6	5	20.0	23.0
West Friendship	3	2	17.3	22.5
Worthington	3	4	22.0	18.0
Total Number of Classes	192	192		
Comparative Class Sizes			20.5	20.7

* Title I/Differentiated staffing is used to reduce class size ratios and/or provide targeted support.

**TABLE E-2
COMPARATIVE CLASS SIZE DATA
GRADE 1 AND 2 CLASS RATIO 1:20 WITH AN UPPER RANGE OF 25**

School	Classroom Grade 1				Classroom Grade 2			
	Total Number of Classes		Comparative Class Size		Total Number of Classes		Comparative Class Size	
	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20
Atholton	4	4	19.3	20.5	4	4	21.0	17.3
Bellows Spring	6	6	21.8	20.5	5	6	23.4	20.2
Bollman Bridge*	4	5	23.3	21.6	6	5	19.7	19.4
Bryant Woods*	4	4	19.8	19.5	4	4	18.8	20.8
Bushy Park	4	4	24.0	22.8	4	5	20.3	20.0
Centennial Lane	6	5	19.5	22.6	5	5	22.8	22.2
Clarksville	4	3	22.8	22.3	3	4	19.7	19.3
Clemens Crossing	4	4	22.0	24.8	5	4	20.4	21.8
Cradlerock *	4	4	18.0	18.5	4	4	21.0	19.8
Dayton Oaks	5	4	19.8	22.8	5	5	22.2	21.6
Deep Run*	5	6	21.6	20.7	5	6	21.8	20.5
Ducketts Lane*	4	5	21.8	19.2	4	4	22.5	20.5
Elkridge	7	6	21.6	23.5	7	7	22.0	21.0
Forest Ridge	5	5	21.4	21.4	5	5	23.0	21.0
Fulton	7	8	23.6	20.4	7	8	23.4	21.5
Gorman Crossing	7	6	21.7	20.5	6	7	21.5	20.7
Guilford*	3	4	19.7	19.8	4	3	22.0	22.3
Hammond	5	5	19.0	18.2	5	4	22.2	23.0
Hanover Hills	5	5	22.4	20.0	5	6	20.0	19.8
Hollifield Station	7	7	21.1	19.9	7	7	21.9	20.3
Ilchester	4	5	22.8	22.0	5	4	18.4	22.5
Jeffers Hill	3	3	17.3	23.7	4	3	21.3	17.3
Laurel Woods*	5	5	19.6	19.0	4	5	22.5	21.6
Lisbon	3	4	23.0	18.5	4	4	17.8	18.5
Longfellow*	4	4	18.0	18.8	3	4	20.3	18.0
Manor Woods	3	5	22.3	22.8	5	3	23.0	24.7
Northfield	5	5	21.6	21.6	6	5	21.0	22.4
Phelps Luck*	4	5	22.3	22.8	4	5	22.8	20.4
Pointers Run	6	7	21.5	22.4	6	6	23.7	21.7
Rockburn	4	5	21.3	21.0	5	4	21.4	21.0
Running Brook*	4	4	18.3	19.3	3	4	22.0	20.0
St. John's Lane	5	6	23.0	22.0	5	6 [‡]	23.2	21.3
Stevens Forest*	3	4	20.7	19.0	4	4	16.3	14.8
Swansfield*	5	5	18.2	20.0	4	5	21.5	16.4
Talbott Springs*	4	4	21.5	20.3	4	4	19.3	19.8
Thunder Hill	4	3	21.3	24.0	4	4	20.8	19.8
Triadelphia Ridge	4	4	19.0	23.0	4	4	19.5	22.0
Veterans	6	7	22.8	18.9	7	6	21.4	24.7
Waterloo	5	4	20.8	19.8	4	5	21.3	20.4
Waverly	6	6	21.3	22.8	7	7	21.6	21.1
West Friendship	3	3	17.7	19.3	3	3	21.7	20.0
Worthington	4	3	19.0	23.3	4	4	18.5	19.5
Total Number of Classes	194	201			199	202		
Comparative Class Sizes			20.9	21.0			21.2	20.5

* Title I/Differentiated staffing is used to reduce class size ratios and/or provide targeted support.

‡ At least one class is held in a portable

**TABLE E-3
COMPARATIVE CLASS SIZE DATA
GRADE 3, 4, AND 5 CLASS RATIO 1:26 WITH AN UPPER RANGE OF 31**

School	Classroom Grade 3				Classroom Grade 4				Classroom Grade 5			
	Total Number of Classes		Comparative Class Size		Total Number of Classes		Comparative Class Size		Total Number of Classes		Comparative Class Size	
	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20
Atholton	3	3	25.7	28.3	3	3 [‡]	22.7	28.0	3	3	22.7	21.7
Bellows Spring	5	5	23.4	23.2	4	5	28.5	22.4	5	5	24.6	21.8
Bollman Bridge*	4	5	28.0	23.8	5	5	22.8	24.6	5	5	23.4	24.8
Bryant Woods*	3	4	23.0	19.5	4	3 [‡]	16.8	21.7	3	3	21.0	20.3
Bushy Park	4	3	29.3	27.7	4	5	23.8	25.2	5	4	24.0	24.8
Centennial Lane	5	5	26.8	24.2	5	5	28.0	27.6	5	6	25.6	24.3
Clarksville	3	3	21.7	22.0	3	3	27.3	20.7	3	4	28.3	22.5
Clemens Crossing	3	4	22.7	25.3	3	3	23.3	23.0	3	3	25.3	24.7
Cradlerock*	3	4	22.3	19.0	3	3	26.7	23.0	4	4	22.5	19.3
Dayton Oaks	4	5	26.3	24.2	5	4	23.8	27.0	5	5	26.0	25.0
Deep Run*	4	4	23.5	25.3	5	4	25.2	25.8	5	5	23.8	27.2
Ducketts Lane*	4	4	22.8	22.8	4	5	24.3	18.0	4	5	26.5	20.8
Elkridge	5	6	28.8	26.5	6	6	24.2	24.5	6	6	24.8	26.2
Forest Ridge	4	5	27.0	23.8	5	4	24.4	28.8	5	5	24.2	24.2
Fulton	6	6	25.3	29.0	6	6	24.8	27.3	5	6 [‡]	28.0	26.7
Gorman Crossing	4	5	27.8	26.2	6	4	25.2	29.0	5	6	28.6	23.8
Guilford*	3	3	21.3	24.0	4	3	18.0	25.0	3	4	23.7	20.0
Hammond	4	4	24.0	28.3	5	4	24.0	24.5	4	5	26.5	24.0
Hanover Hills	5	4	24.6	25.8	4	5	27.0	28.2	5	5	22.4	23.0
Hollifield Station	6	6	26.7	25.8	5	6	26.6	25.2	6	5	25.5	28.2
Ilchester	4	4	27.0	24.8	4	4	26.0	26.0	4	4	26.0	26.5
Jeffers Hill	3	4	20.0	22.0	3	3	25.0	20.0	3	3	23.3	26.3
Laurel Woods*	4	4	22.0	24.5	4	4	24.0	22.5	5	4	23.8	26.5
Lisbon	3	3	22.3	24.7	3	3	28.3	22.3	4	3	22.8	26.7
Longfellow*	3	3	22.0	22.3	3	3	23.7	23.0	3	3	24.3	22.7
Manor Woods	4	5	27.3	23.2	4	5	29.5	24.0	5	5	27.8	25.6
Northfield	5	5	26.0	25.2	5	5	26.2	26.6	5	5	27.8	25.8
Phelps Luck*	4	4	21.8	25.0	3	4	27.3	23.5	4	4	20.5	21.5
Pointers Run	5	6	27.4	26.0	6	5	26.3	29.0	6	6 [‡]	28.0	26.7
Rockburn	4	4	24.0	27.5	4	4	22.8	23.0	4	4	23.8	22.8
Running Brook*	3	3	27.7	19.7	4	4	20.8	19.0	4	4	18.8	19.5
St. John's Lane	5	5 [‡]	23.8	23.4	5	5 [‡]	25.8	23.8	5	5 [‡]	25.0	27.2
Stevens Forest*	3	3	20.3	22.3	3	3 [‡]	20.0	19.3	3	3	21.7	22.3
Swansfield*	4	4	23.0	22.3	4	4	27.0	20.0	4	5	23.5	21.2
Talbott Springs*	4	4	20.3	20.5	3	3 [‡]	26.0	27.0	3	3 [‡]	25.3	24.0
Thunder Hill	3	4	28.7	19.8	4	3	24.0	28.0	4	4	25.0	22.5
Triadelphia Ridge	4	4	25.8	22.0	4	5	28.0	23.2	4	4	29.0	28.8
Veterans	6	6	25.0	24.5	6	6	24.5	26.0	6	6	25.8	24.8
Waterloo	4	3	26.8	28.7	3	4	26.3	26.3	5	3	24.0	27.3
Waverly	6	6	26.3	28.2	5	6	28.4	27.8	5	6	27.4	26.2
West Friendship	3	3	26.3	22.0	3	4	23.7	21.8	3	3	27.0	26.0
Worthington	3	3	26.0	25.0	3	3	27.0	27.3	4	3	25.0	26.7
Total Number of Classes	169	178			175	176			182	184		
Comparative Class Sizes			24.8	24.2			24.9	24.5			24.8	24.3

* Title I/Differentiated staffing is used to reduce class size ratios and/or provide targeted support.

‡ At least one class is held in a portable

**TABLE E-4
COMPARATIVE CLASS SIZE DATA
BY TEACHER**

	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
	Students	Students	Students	Students	Students	Students
Atholton ES						
Homeroom	20	20	18	28	28 [‡]	22
Homeroom	20	21	15	29	28 [‡]	23
Homeroom	20	21	17	28	28 [‡]	20
Homeroom	21	20	19			
Bellows Springs ES						
Homeroom	18	21	20	22	19	22
Homeroom	22	19	21	22	23	25
Homeroom	19	21	20	24	21	24
Homeroom	21	20	18	25	24	16
Homeroom	22	20	20	23	25	22
Homeroom	20	22	22			
Bollman Bridge ES*						
Homeroom	23	21	18	24	28	26
Homeroom	22	22	20	25	26	24
Homeroom	22	20	19	22	25	24
Homeroom	23	23	20	25	22	24
Homeroom	22	22	20	23	22	26
Homeroom						
Bryant Woods ES*						
Homeroom	19	19	19	19 [‡]	21	19
Homeroom	22	19	21	20 [‡]	21	21
Homeroom	21	19	22	21 [‡]	23	21
Homeroom		21	21	18 [‡]		
Bushy Park ES						
Homeroom	23	22	20	28	25	24
Homeroom	22	24	20	27	26	25
Homeroom	22	22	20	28	25	25
Homeroom	22	23	20		26	25
Homeroom			20		24	
Centennial Lane ES						
Homeroom	23	23	19	25	27	23
Homeroom	23	23	23	22	28	25
Homeroom	23	24	23	25	28	25
Homeroom	19	22	22	25	28	24
Homeroom		21	24	24	27	25
Homeroom						24
Clarksville ES						
Homeroom	19	23	19	22	20	23
Homeroom	19	22	19	23	21	23
Homeroom	19	22	19	21	21	22
Homeroom	18		20			22
Clemens Crossing ES						
Homeroom	21	24	21	25	22	25
Homeroom	20	25	21	25	23	24
Homeroom	21	25	23	25	24	25
Homeroom	20	25	22	26		
Homeroom						

* Title I School

‡ Class is held in a portable

**TABLE E-4
COMPARATIVE CLASS SIZE DATA
BY TEACHER**

	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
	Students	Students	Students	Students	Students	Students
Cradlerock ES*						
Homeroom	22	17	20	14	23	19
Homeroom	23	20	20	21	22	21
Homeroom	20	19	19	22	24	18
Homeroom	21	18	20	19		19
Dayton Oaks ES						
Homeroom	23	23	21	25	26	25
Homeroom	22	23	21	25	27	26
Homeroom	22	23	23	25	28	25
Homeroom	23	22	23	23	27	25
Homeroom			20	23		24
Deep Run ES*						
Homeroom	21	20	21	26	26	27
Homeroom	22	20	21	26	26	27
Homeroom	22	22	16	22	25	27
Homeroom	21	20	22	27	26	28
Homeroom	22	21	21			27
Homeroom		21	22			
Ducketts Lane ES*						
Homeroom	22	18	17	23	16	26
Homeroom	21	20	20	22	18	21
Homeroom	24	19	23	23	22	20
Homeroom		19	22	23	17	19
Homeroom		20			17	18
Elkridge ES						
Homeroom	22	23	23	30	25	27
Homeroom	17	24	22	28	24	26
Homeroom	18	23	17	20	21	25
Homeroom	19	24	21	27	26	27
Homeroom	19	23	22	27	25	26
Homeroom	20	24	20	27	26	26
Homeroom	22		22			
Forest Ridge ES						
Homeroom	21	23	21	22	29	24
Homeroom	22	21	22	26	30	23
Homeroom	21	21	20	24	28	24
Homeroom	21	21	20	22	28	25
Homeroom	21	21	22	25		25
Homeroom	19					
Fulton ES						
Homeroom	24	15	22	29	27	27 [‡]
Homeroom	21	22	23	31	24	27 [‡]
Homeroom	24	19	23	28	28	28 [‡]
Homeroom	24	20	21	29	28	26 [‡]
Homeroom	23	20	20	29	28	24 [‡]
Homeroom	24	23	21	28	29	28 [‡]
Homeroom	22	22	23			
Homeroom	24	22	19			

* Title I School

[‡] Class is held in a portable

**TABLE E-4
COMPARATIVE CLASS SIZE DATA
BY TEACHER**

	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
	Students	Students	Students	Students	Students	Students
Gorman Crossing ES						
Homeroom	22	22	22	27	28	24
Homeroom	23	21	22	27	29	22
Homeroom	23	20	22	26	29	25
Homeroom	22	20	20	26	30	24
Homeroom	21	21	20	25		25
Homeroom	21	19	18			23
Homeroom			21			
Guilford ES*						
Homeroom	23	21	23	24	26	20
Homeroom	21	19	22	24	25	19
Homeroom	23	19	22	24	24	21
Homeroom		20				20
Hammond ES						
Homeroom	23	17	21	29	25	22
Homeroom	22	20	23	28	26	27
Homeroom	23	18	23	28	23	25
Homeroom	22	17	25	28	24	22
Homeroom		19				24
Hanover Hills ES						
Homeroom	21	18	21	25	28	23
Homeroom	20	21	21	24	28	22
Homeroom	21	20	22	27	28	23
Homeroom	22	20	17	27	29	23
Homeroom	21	21	20		28	24
Homeroom	19		17			
Homeroom						
Hollifield Station ES						
Homeroom	22	21	18	25	24	29
Homeroom	22	20	22	26	26	26
Homeroom	22	20	20	25	25	30
Homeroom	21	20	21	26	27	28
Homeroom	22	20	21	28	25	28
Homeroom	22	18	19	25	24	
Homeroom	20	20	21			
Ilchester ES						
Homeroom	21	20	24	24 ⁺	26	26
Homeroom	21	23	21	25	25	27
Homeroom	20	21	23	25	27	26
Homeroom	20	24	22	25	26	27
Homeroom		22				
Jeffers Hill ES						
Homeroom	21	23	16	23	20	27
Homeroom	22	23	18	21	20	27
Homeroom	23	25	18	21	20	25
Homeroom				23		

* Title I School

‡ Class is held in a portable

**TABLE E-4
COMPARATIVE CLASS SIZE DATA
BY TEACHER**

	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
	Students	Students	Students	Students	Students	Students
Laurel Woods ES*						
Homeroom	20	19	23	26	21	26
Homeroom	19	18	22	23	22	26
Homeroom	20	20	21	24	24	27
Homeroom	20	18	21	25	23	27
Homeroom	22	20	21			
Lisbon ES						
Homeroom	19	18	19	25	23	27
Homeroom	19	18	18	25	22	27
Homeroom	19	19	18	24	22	26
Homeroom	18	19	19			
Longfellow ES*						
Homeroom	23	16	19	22	22	23
Homeroom	21	20	16	22	24	23
Homeroom	22	20	19	23	23	22
Homeroom		19	18			
Manor Woods ES						
Homeroom	18	24	24	25	24	24
Homeroom	20	23	25	21	24	24
Homeroom	19	23	25	22	24	26
Homeroom	20	22		24	26	27
Homeroom		22		24	22	27
Northfield ES						
Homeroom	20	22	22	24	27	27
Homeroom	17	23	21	25	27	26
Homeroom	20	19	23	26	27	25
Homeroom	17	23	23	26	26	26
Homeroom	21	21	23	25	26	25
Homeroom						
Phelps Luck ES*						
Homeroom	18	23	23	24	23	23
Homeroom	22	22	19	26	22	21
Homeroom	19	24	20	25	25	21
Homeroom	20	21	19	25	24	21
Homeroom	17	24	21			
Pointers Run ES						
Homeroom	22	23	21	25	29	28 [‡]
Homeroom	21	22	23	27	29	25 [‡]
Homeroom	20	22	21	26	29	26 [‡]
Homeroom	23	23	24	26	29	27 [‡]
Homeroom	21	22	19	25	29	28 [‡]
Homeroom	20	23	22	27		26 [‡]
Homeroom		22				

* Title I School

‡ Class is held in a portable

**TABLE E-4
COMPARATIVE CLASS SIZE DATA
BY TEACHER**

	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
	Students	Students	Students	Students	Students	Students
Rockburn ES						
Homeroom	21	19	21	28	24	23
Homeroom	20	21	22	27	21	23
Homeroom	22	21	21	28	24	23
Homeroom	19	21	20	27	23	22
Homeroom	20	23				
Running Brook ES*						
Homeroom	17	18	20	19	19	20
Homeroom	17	20	21	20	19	19
Homeroom	16	20	20	20	19	20
Homeroom	18	19	19		19	19
St. John's Lane ES						
Homeroom	22	23	20	22	24 [‡]	26
Homeroom	24	16	23 [‡]	24 [‡]	24	28
Homeroom	23	23	21	24	24	27 [‡]
Homeroom	24	23	23	23	23	27
Homeroom	24	24	20	24	24	28
Homeroom	23	23	21			
Stevens Forest ES*						
Homeroom	20	20	12	23	19 [‡]	23
Homeroom	19	19	15	21	19 [‡]	21
Homeroom	19	19	18	23	20 [‡]	23
Homeroom		18	14			
Swansfield ES*						
Homeroom	19	20	16	23	20	22
Homeroom	16	18	18	22	19	24
Homeroom	16	19	15	21	21	22
Homeroom	19	21	16	23	20	19
Homeroom	20	22	17			19
Talbott Springs ES*						
Homeroom	19	20	22	22	26 [‡]	24 [‡]
Homeroom	19	21	19	22	28 [‡]	24 [‡]
Homeroom	19	20	20	19	27 [‡]	24 [‡]
Homeroom	18	20	18	19		
Thunder Hill ES						
Homeroom	18	24	20	21	27	22
Homeroom	18	24	18	20	28	24
Homeroom	19	24	20	19	29	21
Homeroom	18		21	19		23
Triadelphia Ridge ES						
Homeroom	20	23	22	22	24	28
Homeroom	18	22	22	22	25	29
Homeroom	18	23	22	22	19	29
Homeroom		24	22	22	24	29
Homeroom					24	

* Title I School

‡ Class is held in a portable

**TABLE E-4
COMPARATIVE CLASS SIZE DATA
BY TEACHER**

	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
	Students	Students	Students	Students	Students	Students
Veterans ES						
Homeroom	21	19	25	24	27	25
Homeroom	21	18	25	25	25	24
Homeroom	21	18	25	25	25	25
Homeroom	21	19	24	24	24	25
Homeroom	22	20	25	24	28	26
Homeroom	22	19	24	25	27	24
Homeroom	21	19				
Waterloo ES						
Homeroom	21	20	19	29	24	28
Homeroom	19	20	22	29	27	27
Homeroom	20	19	21	28	29	27
Homeroom	20	20	22		25	
Homeroom			18			
Waverly ES						
Homeroom	24	24	21	27	27	27
Homeroom	22	23	22	29	27	27
Homeroom	23	24	20	27	28	25
Homeroom	23	24	20	28	28	26
Homeroom	23	21	22	29	28	27
Homeroom		21	22	29	29	25
Homeroom			21			
West Friendship ES						
Homeroom	21	19	19	23	21	26
Homeroom	24	20	20	21	22	26
Homeroom		19	21	22	22	26
Homeroom					22	
Worthington ES						
Homeroom	18	23	20	25	28	27
Homeroom	18	25	20	25	27	25
Homeroom	18	22	20	25	27	28
Homeroom	18		18			

* Title I School

‡ Class is held in a portable

**TABLE E-5
CLASS AVERAGE BY GRADE LEVEL**

Grade	Ideal Ratio	Upper Range	All Schools	Title I Schools	Non-Title I Schools
K	1 to 22	24	20.7	20.3	20.9
1	1 to 20	25	21.0	20.0	21.4
2	1 to 20	25	20.5	20.0	21.0
3	1 to 26	31	24.2	22.4	25.1
4	1 to 26	31	24.5	22.4	25.5
5	1 to 26	31	24.3	22.4	25.2

Middle School Class Size 2019-2020

The data for middle school class size reflects the average number of students in each classroom by individual school as of September 30, 2019. The data for middle school class size reflects the average class size in the subjects of English Language Arts, Social Studies, Science, Mathematics, and World Languages.

Middle school enrollment projections determine the number of classroom teachers assigned to a school. Currently in middle schools, the teacher to student ratio is 1:21.

Average class size remains consistent across middle schools, with school averages ranging from 21.7 to 25.4 with a countywide average of 22.8.

- Average class size in English Language Arts is 22.4
- Average class size in Social Studies is 23.6
- Average class size in Science is 23.1
- Average class size in Math is 21.7
- Average class size in World Language is 23.3

Overall the average class size in these five subjects is 22.8.

Table M-1, *Comparative Class Size Data Middle Schools*, presents class size data in five subject areas.

- A comparison of class size by academic subject for 2018-2019 and 2019-2020.
- A comparison of average class size by school for 2018-2019 and 2019-2020.
- A comparison of countywide class size by academic subject for 2018-2019 and 2019-2020.

Table M-2, *Comparative Class Size Data Middle Schools*, presents class size data in six other subjects.

- A comparison of class size for related arts by school for 2019-2020.

Table M-3, *Classes with More than 33 Students*

Districtwide, there are no classes containing more than 33 students.

**TABLE M-1
COMPARATIVE CLASS SIZE DATA
MIDDLE SCHOOLS**

School	Middle School Subjects											
	English Language Arts		Social Studies		Science		Math		World Language		School Averages	
	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20
Bonnie Branch	24.7	23.2	24.7	23.2	24.8	23.2	20.4	20.3	23.1	24.3	23.5	22.8
Burleigh Manor	23.8	23.3	25.3	23.3	26.2	23.3	21.9	22.1	23.9	24.9	24.2	23.4
Clarksville	22.9	23.6	24.6	25.4	22.9	23.7	23.3	24.6	23.0	24.7	23.3	24.4
Dunloggin	23.4	21.5	22.0	20.9	23.6	20.9	22.4	20.6	21.0	22.9	22.5	21.4
Elkridge Landing	22.9	23.5	24.7	25.3	24.7	25.2	21.6	21.5	22.5	22.5	23.3	23.6
Ellicott Mills	23.6	24.0	24.0	25.9	24.1	25.3	22.4	24.5	24.2	24.5	23.7	24.8
Folly Quarter	21.9	23.2	24.4	24.1	22.7	23.3	23.2	22.1	24.3	22.4	23.3	23.0
Glenwood	23.2	23.2	24.5	25.7	25.8	23.4	22.1	22.2	25.3	25.9	24.2	24.1
Hammond	21.0	21.5	22.0	24.1	22.9	24.0	21.4	22.1	24.6	25.7	22.4	23.5
Harper's Choice	20.7	19.6	20.1	19.8	20.1	20.7	17.7	19.6	18.1	20.5	19.4	20.0
Lake Elkhorn	17.3	18.5	19.7	22.6	19.2	18.8	17.3	19.2	21.2	20.6	18.9	19.9
Lime Kiln	22.3	21.4	25.1	24.6	25.1	22.9	22.1	21.8	24.9	26.1	23.9	23.4
Mayfield Woods	22.5	22.3	23.9	23.6	24.2	23.9	22.3	22.0	21.5	22.2	22.9	22.8
Mount View	26.0	24.9	23.9	25.1	24.6	24.4	23.5	23.6	22.3	23.1	24.1	24.2
Murray Hill	23.7	21.9	23.9	23.5	24.8	23.6	20.3	20.7	22.3	21.9	23.0	22.3
Oakland Mills	22.2	21.4	21.7	20.8	22.6	20.8	20.4	19.6	21.0	18.8	21.6	20.3
Patapsco	23.7	24.0	23.7	24.8	23.8	24.9	23.5	23.9	24.2	23.4	23.8	24.2
Patuxent Valley	24.4	22.4	23.7	23.4	23.6	23.2	21.3	20.6	22.2	24.6	23.0	22.8
Thomas Viaduct	21.6	22.0	21.9	22.9	21.9	22.9	20.2	20.7	21.1	22.8	21.3	22.2
Wilde Lake	24.1	22.6	24.3	22.8	25.2	22.9	20.9	21.5	22.4	24.2	23.4	22.8
HCPSS Average Class Size	22.8	22.4	23.4	23.6	23.6	23.1	21.4	21.7	22.6	23.3	22.8	22.8

**TABLE M-2
COMPARATIVE CLASS SIZE DATA
MIDDLE SCHOOLS**

School	Middle School Related Arts Subjects					
	ART	FACS	Health	General Music	Physical Education	Tech Ed
	19-20	19-20	19-20	19-20	19-20	19-20
Bonnie Branch	18.6	22.2	25.6	20.0	27.0	23.6
Burleigh Manor	24.1	25.2	25.1	24.0	27.2	26.6
Clarksville	19.1	22.1	23.4	17.3	28.2	24.1
Dunloggin	22.9	23.4	20.3	17.8	20.9	20.6
Elkridge Landing	27.2	26.6	24.0	25.9	25.7	27.1
Ellicott Mills	25.4	22.3	25.9	19.2	25.3	22.5
Folly Quarter	24.7	22.8	25.1	21.5	29.1	25.4
Glenwood	16.8	20.3	25.9	24.3	25.5	18.8
Hammond	19.9	21.7	23.4	19.3	24.1	24.3
Harper's Choice	21.0	20.0	19.6	16.5	19.8	18.1
Lake Elkhorn	21.4	21.2	23.7	18.7	23.8	20.6
Lime Kiln	23.1	26.1	27.5	24.3	27.6	20.2
Mayfield Woods	25.3	27.7	24.4	22.8	23.6	23.8
Mount View	23.8	26.5	21.2	27.0	28.3	23.7
Murray Hill	20.0	24.5	24.9	26.5	24.4	25.8
Oakland Mills	18.6	19.7	21.4	25.8	22.6	19.8
Patapsco	25.8	27.8	25.0	24.2	24.9	25.8
Patuxent Valley	20.6	27.9	25.1	25.8	26.9	18.4
Thomas Viaduct	25.5	27.6	21.0	22.8	27.5	26.6
Wilde Lake	22.9	25.4	29.2	17.8	24.5	21.3
HCPSS Average Class Size	22.3	24.0	24.1	22.1	25.4	22.8

**TABLE M-3
CLASSES OVER 33**

School	English Language Arts, Social Studies, Science, & Math Courses	Other Classes*
	2019-2020	2019-2020
Bonnie Branch	0	0
Burleigh Manor	0	0
Clarksville	0	0
Dunloggin	0	0
Elkridge Landing	0	0
Ellicott Mills	0	0
Folly Quarter	0	0
Glenwood	0	0
Hammond	0	0
Harper's Choice	0	0
Lake Elkhorn	0	0
Lime Kiln	0	0
Mayfield Woods	0	0
Mount View	0	0
Murray Hill	0	0
Oakland Mills	0	0
Patapsco	0	0
Patuxent Valley	0	0
Thomas Viaduct	0	0
Wilde Lake	0	0
TOTAL	0	0

* Does not include music classes.

High School Class Size 2018-2019

The data for high school class size reflects the average number of students in each classroom by individual school as of September 30, 2019. The data for high school class size reflects the class size in the academic subjects of English 9 and 10, Algebra I, Geometry and Algebra II, classes over 33, and comparative data for English, Social Studies, Science, Math, and World Language courses.

High school enrollment projections determine the number of classroom teachers assigned to a school. The high school teacher to student ratio is 1.4:28.

The priority of smaller class sizes in assessed classes and in ninth grade English and Mathematics classes continues to be maintained. This priority, as well as an effective staffing process, has resulted in well-balanced class sizes in all of our high schools.

Tables H-1, *Class Size – English 9*, H-2, *Class Size – English 10*, and H-3, *Class Size – Mathematics* present the following:

- Average class size for English 9 is 24.2
- Average class size for English 10 is 24.7
- Average class size for Algebra I, Geometry and Algebra II is 23.9

Table H-4, *Classes with More than 33 Students*

Districtwide, there are no classes containing more than 33 students.

Table H-5, *Comparative High School Class Size Data*

The application of the high school staffing process has enabled HCPSS to maintain a consistent class size across all high schools. The Division of School Management and Instructional Leadership continues to provide differentiated staffing to meet the unique needs of schools and the intensive support needed for students striving to meet graduation requirements.

**TABLE H-1
CLASS SIZE – ENGLISH 9**

School	English 9			English 9 Honors			English 9 GT			Humanities I GT (English)			All		
	Course Number: LA-401-1			Course Number: LA-402-1			Course Number: LA-403-1			Course Number: LA-830-1					
	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg
Atholton	4	79	19.8	5	111	22.2	5	130	26.0				14	320	22.9
Centennial	4	78	19.5	6	164	27.3	4	112	28.0	2	43	21.5	16	397	24.8
Glenelg	4	75	18.8	5	131	26.2	3	73	24.3				12	279	23.3
Hammond	7	149	21.3	4	115	28.8	3	88	29.3				14	352	25.1
Howard	9	156	17.3	7	174	24.9	5	127	25.4				21	457	21.8
Long Reach	8	204	25.5	8	181	22.6	4	79	19.8				20	464	23.2
Marriotts Ridge	3	72	24.0	6	140	23.3	6	178	29.7				15	390	26.0
Mt. Hebron	5	107	21.4	6	169	28.2	5	146	29.2				16	422	26.4
Oakland Mills	8	143	17.9	3	76	25.3	4	100	25.0				15	319	21.3
Reservoir	8	155	19.4	5	149	29.8	4	115	28.8				17	419	24.6
River Hill	2	57	28.5	3	83	27.7	5	145	29.0				10	285	28.5
Wilde Lake	7	149	21.3	4	117	29.3	3	89	29.7				14	355	25.4
TOTAL	69	1424	20.6	62	1610	26.0	51	1382	27.1	2	43	21.5	184	4459	24.2

**TABLE H-2
CLASS SIZE – ENGLISH 10**

School	English 10			English 10 Honors			English 10 GT			Humanities II GT (English)			All		
	Course Number: LA-501-1			Course Number: LA-502-1			Course Number: LA-503-1			Course Number: LA-831-1					
	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg
Atholton	4	84	21.0	7	176	25.1	5	115	23.0				16	375	23.4
Centennial	3	58	19.3	6	160	26.7	4	108	27.0	2	51	25.5	15	377	25.1
Glenelg	3	64	21.3	7	157	22.4	3	97	32.3				13	318	24.5
Hammond	6	132	22.0	5	123	24.6	3	97	32.3				14	352	25.1
Howard	6	125	20.8	8	199	24.9	5	138	27.6				19	462	24.3
Long Reach	7	181	25.9	4	111	27.8	3	81	27.0				14	373	26.6
Marriotts Ridge	4	63	15.8	4	103	25.8	7	203	29.0				15	369	24.6
Mt. Hebron	4	98	24.5	6	172	28.7	6	165	27.5				16	435	27.2
Oakland Mills	5	114	22.8	3	78	26.0	5	52	17.3				13	302	23.2
Reservoir	5	101	20.2	6	139	23.2	6	164	27.3				17	404	23.8
River Hill	3	60	20.0	4	108	27.0	10	208	29.7				17	463	27.2
Wilde Lake	7	138	19.7	6	121	20.2	3	78	26.0				16	337	21.1
TOTAL	57	1218	21.4	66	1647	25.0	60	1506	25.1	2	51	25.5	185	4567	24.7

**TABLE H-3
CLASS SIZE – MATHEMATICS**

School	Algebra I			Geometry			Geometry GT			Algebra II			Algebra II GT			All		
	Course Number: MA-401-1			Course Number: MA-431-1			Course Number: MA-433-1			Course Number: MA-461-1			Course Number: MA-463-1					
	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg	No. Sec	N	Avg
Atholton	7	129	18.4	7	149	21.3	2	58	29.0	9	205	22.8	5	134	26.8	30	675	22.5
Centennial	6	131	21.8	5	124	24.8	4	98	24.5	10	217	21.7	6	153	25.5	31	723	23.3
Glenelg	5	104	20.8	6	133	22.2	2	55	27.5	5	132	26.4	7	183	26.1	25	607	24.3
Hammond	12	246	20.5	10	201	20.1	4	125	31.3	7	156	22.3	5	124	24.8	38	852	22.4
Howard	10	208	20.8	9	193	21.4	4	118	29.5	9	247	27.4	7	215	30.7	39	981	25.2
Long Reach	16	390	24.4	10	258	25.8	5	136	27.2	10	191	19.1	7	158	22.6	48	1133	23.6
Marriotts Ridge	5	122	24.4	5	122	24.4	3	87	29.0	6	114	19.0	8	242	30.3	27	687	25.4
Mt. Hebron	10	210	21.0	9	224	24.9	3	71	23.7	9	221	24.6	7	208	29.7	38	934	24.6
Oakland Mills	10	238	23.8	7	152	21.7	4	109	27.3	8	175	21.9	4	106	26.5	33	780	23.6
Reservoir	13	287	22.1	9	207	23.0	3	91	30.3	9	228	25.3	5	140	28.0	39	953	24.4
River Hill	3	73	24.3	6	132	22.0	3	61	20.3	5	134	26.8	7	208	29.7	24	608	25.3
Wilde Lake	10	225	22.5	11	247	22.5	3	53	17.7	9	210	23.3	5	134	26.8	38	869	22.9
TOTAL	107	2363	22.1	94	2142	22.8	40	1062	26.6	96	2230	23.2	73	2005	27.5	410	9802	23.9

**TABLE H-4
CLASSES OVER 33**

School	English Language Arts, Social Studies, Science, & Math Courses	Other Classes*
	2019-2020	2019-2020
Atholton	0	0
Centennial	0	0
Glenelg	0	0
Hammond	0	0
Howard	0	0
Long Reach	0	0
Marriotts Ridge	0	0
Mt. Hebron	0	0
Oakland Mills	0	0
Reservoir	0	0
River Hill	0	0
Wilde Lake	0	0
TOTAL	0	0

** Does not include digital education, music and dance classes.*

**TABLE H-5
COMPARATIVE HIGH SCHOOL CLASS SIZE DATA BY CURRICULAR AREAS**

Courses	English		Social Studies		Science		Mathematics		World Language	
School	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20
Atholton	24.7	23.9	26.2	27.4	25.4	23.4	23.9	23.4	25.9	23.9
Centennial	25.3	24.4	26.0	26.0	24.0	24.0	23.8	23.7	24.4	25.3
Glenelg	24.4	24.5	25.9	25.4	22.6	22.7	25.6	24.5	22.4	21.8
Hammond	23.8	24.4	23.4	24.1	24.1	23.9	23.5	22.8	23.3	21.2
Howard	24.6	24.1	24.6	24.5	25.9	24.0	24.8	24.4	23.9	22.0
Long Reach	23.3	24.5	23.7	24.5	22.1	23.3	22.2	23.2	23.4	21.5
Marriotts Ridge	26.8	25.3	25.9	27.1	25.2	26.3	26.5	24.8	25.8	27.7
Mt. Hebron	24.9	25.9	25.6	25.0	24.9	25.4	25.3	25.0	23.8	25.6
Oakland Mills	22.7	22.1	23.3	23.3	24.3	22.2	23.0	23.2	20.4	18.4
Reservoir	25.1	24.1	26.6	25.5	24.2	25.8	24.2	24.8	23.0	24.5
River Hill	25.4	26.8	26.6	26.7	25.9	26.9	26.2	26.3	24.3	24.2
Wilde Lake	23.0	21.8	23.6	21.6	22.3	23.4	21.3	22.0	23.9	21.0
TOTAL	24.5	24.3	25.1	25.1	24.2	24.3	24.2	24.0	23.7	23.1