



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

TITLE: Class Size Report 2014-2015 **DATE:** December 15, 2014

PRESENTER(S): Frank Eastham, Executive Director, School Improvement and Administration
Ebony Langford-Brown, Administrative Director
Ron Morris, Administrative Director
Eric Minus, Administrative Director
David Bruzga, Administrative Director

VISION 2018 GOAL Students Staff Families and Community Organization

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 sizes are being met. The report reviews the staffing process and provides tables of class size data for the current school year.

RECOMMENDATION/FUTURE DIRECTION:

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

<p>Submitted by:</p> <p>_____ Frank Eastham, Jr. Executive Director School Improvement and Administration</p> <p>_____ Ebony Langford-Brown Administrative Director, Elementary</p> <p>_____ Ron Morris Administrative Director, Elementary</p> <p>_____ Eric L. Minus, Ed.D. Administrative Director, Middle</p> <p>_____ David A. Bruzga, Administrative Director, High</p>	<p>Approval/Concurrence:</p> <p>_____ Renee A. Foose, Ed.D. Superintendent</p> <p>_____ Linda T. Wise 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 Office of School Administration provides all instructional departments and administrative directors with the number of staff positions needed for the upcoming budget. Pool positions are included within the budget and throughout the school year 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 Office of School Administration. The Office of School Administration uses these projections to determine the number of positions each school will receive and provides this information to schools in late February.

In March, the administrative directors meet with each principal to review the proposed use of staffing allocations. Throughout the spring and summer the Office of School Administration closely monitors school enrollment and adjusts staffing as needed.

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

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

Elementary Class Size 2014 - 2015

The data for elementary class size reflect the average number of students in each classroom by individual school as of September 30, 2014. 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 is 1:22 with a recommended limit of 24 students
- Grades 1 and 2 are 1:19 with a recommended limit of 24 students
- Grades 3, 4, 5 are 1:25 with a recommended limit of 30 students

Class sizes in elementary schools have remained relatively constant from year to year. Schools sometimes make one class smaller 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	2013-2014	2014-2015
Kindergarten	20.5	20.4
Grade 1	19.0	19.9
Grade 2	19.7	19.8
Grade 3	23.8	23.9
Grade 4	24.3	24.6
Grade 5	24.3	24.6

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

Table E-1
Comparative Class Size Data
Kindergarten, 2013-14, 2014-15

Table E-2
Comparative Class Size Data
Grades 1 and 2, 2013-14, 2014-15

Table E-3
Comparative Class Size Data
Grades 3, 4, and 5, 2013-14, 2014-15

**TABLE E-1
COMPARATIVE CLASS SIZE DATA
KINDERGARTEN**

School	Kindergarten			
	Total Number Of Classes		Comparative Class Size	
	2013-2014	2014-2015	2013-2014	2014-2015
Atholton	3	3	16.7	20.0
Bellows Spring	5	5	20.0	23.6
Bollman Bridge	6	6	19.0	19.7
Bryant Woods	3	3	16.0	19.7
Bushy Park	4	4	19.8	18.3
Centennial Lane	4	5	22.0	20.4
Clarksville	3	3	20.7	18.0
Clemens Crossing	4	4	19.3	17.0
Cradlerock School	5	3	19.2	18.0
Dayton Oaks	4	4	20.8	20.3
Deep Run	6	5	21.3	24.0
Ducketts Lane	6	6	20.3	20.7
Elkridge	6	6	19.3	20.0
Forest Ridge	5	5	24.0	21.2
Fulton	5	5	20.4	20.8
Gorman Crossing	5	5	21.2	20.4
Guilford	4	4	18.5	22.5
Hammond	4	5	23.0	21.8
Hollifield Station	5	6	22.2	20.2
Ilchester	5	5	21.8	19.4
Jeffers Hill	3	4	19.3	19.0
Laurel Woods	5	4	20.0	21.3
Lisbon	3	3	22.3	22.3
Longfellow	3	3	23.3	22.3
Manor Woods	5	4	19.8	21.0
Northfield	5	5	19.6	19.8
Phelps Luck	4	4	21.3	21.3
Pointers Run	6	5	20.2	22.6
Rockburn	5	5	20.6	18.6
Running Brook	4	4	21.0	19.0
St. John's Lane	5	5	23.4	23.0
Stevens Forest	4	3	19.0	19.7
Swansfield	5	4	20.0	21.0
Talbott Springs	3	4	21.3	18.3
Thunder Hill	4	5	19.5	20.2
Triadelphia Ridge	4	3	19.5	23.0
Veterans	6	6	21.5	19.3
Waterloo	5	4	21.4	20.0
Waverly	5	5	19.2	20.0
West Friendship	2	2	21.5	17.5
Worthington	4	4	19.8	19.8
Total Number of Classes	182	178		
HCPSS Average Class Size			20.5	20.4

**TABLE E-2
COMPARATIVE CLASS SIZE DATA
GRADE 1 AND 2
CLASS SIZE RANGE 19-24**

School	Classroom - Grade 1				Classroom - Grade 2			
	Total Number Of Classes		Comparative Class Size		Total Number Of Classes		Comparative Class Size	
	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015
Atholton	4	3	17.8	18.3	3	4.0	19.3	19.0
Bellows Spring	6	6	17.0	18.7	6	5	18.3	20.0
Bollman Bridge	7	6	17.9	18.7	5	6	19.8	20.2
Bryant Woods	3	3	18.3	17.0	3	3	18.0	19.3
Bushy Park	4	4	21.3	22.0	5	5	18.6	19.2
Centennial Lane	6	5	17.8	18.8	6	6	19.2	19.5
Clarksville	4	3	19.5	22.0	4	4	21.8	21.8
Clemens Crossing	4	4	20.5	20.3	5	4	19.2	21.3
Cradlerock School	4	5	15.8	18.0	3	3	22.7	20.7
Dayton Oaks	5	4	18.6	22.5	5	5	18.8	19.8
Deep Run	5	6	18.4	21.8	5	5	21.2	21.6
Ducketts Lane	5	6	19.8	23.2	5	6	21.4	18.5
Elkridge	6	7	18.3	18.4	7	6	19.7	20.2
Forest Ridge	7	7	21.1	17.6	6	7	18.5	20.3
Fulton	6	6	17.0	20.7	6	6	19.0	20.3
Gorman Crossing	6	5	17.5	21.4	6	6	19.5	17.2
Guilford	4	4	19.0	19.5	4	4	22.0	20.5
Hammond	5	5	21.0	20.4	5	5	19.2	22.0
Hollifield Station	6	6	18.3	19.3	6	6	19.3	18.7
Ilchester	6	6	20.5	18.8	6	6	20.7	21.5
Jeffers Hill	4	4	17.0	20.0	4	4	20.5	18.5
Laurel Woods	4	5	21.0	22.0	4	4	18.8	22.8
Lisbon	3	4	19.7	19.0	3	3	17.3	23.0
Longfellow	3	4	19.3	17.8	4	3	19.8	19.3
Manor Woods	5	6	20.2	19.2	5	6	21.0	18.2
Northfield	5	6	22.4	17.7	6	6	18.2	19.5
Phelps Luck	6	4	18.2	20.8	6	6	18.3	17.7
Pointers Run	5	6	21.2	21.7	6	6	19.8	18.3
Rockburn	5	5	18.6	19.2	6	5	18.7	19.2
Running Brook	4	4	20.8	20.3	4	4	20.8	19.3
St. John's Lane	5	6	21.4	19.7	6	6	18.3	18.7
Stevens Forest	4	4	19.5	20.3	4	4	19.0	19.8
Swansfield	5	5	18.2	20.2	5	4	21.4	21.0
Talbott Springs	4	4	17.5	18.8	4	4	18.0	18.5
Thunder Hill	5	4	17.8	22.0	4	5	22.3	19.4
Triadelphia Ridge	4	5	20.5	18.4	4	4	21.3	19.5
Veterans	7	7	17.6	20.9	6	6	20.0	22.3
Waterloo	5	5	17.4	22.0	5	5	18.4	17.6
Waverly	6	5	19.0	19.8	7	6	19.3	18.7
West Friendship	3	3	16.7	16.0	2	3	19.5	17.7
Worthington	5	4	19.0	21.8	4	5	21.8	20.4
Total Number of Classes	200	201			200	201		
HCPSS Average Class Size			19.0	19.9			19.7	19.8

**TABLE E-3
COMPARATIVE CLASS SIZE DATA
GRADE 3, 4, AND 5
CLASS SIZE RANGE 25-30**

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	
	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015
Atholton	3	3	19.0	17.7	3	3	24.0	18.7	3	3	25.7	22.7
Bellows Spring	4	5	26.5	22.4	5	5	21.6	23.8	4	4	25.3	29.0
Bollman Bridge	5	4	24.8	24.0	4	5	27.5	23.4	4	4	27.8	25.0
Bryant Woods	2	2	26.5	26.0	3	3	23.3	17.7	3	3	18.0	19.7
Bushy Park	4	4	23.3	26.0	5	4	24.0	27.5	4	5	28.0	27.2
Centennial Lane	5	5	22.8	23.8	6	5	23.5	24.0	5	6	26.8	22.2
Clarksville	3	4	27.3	22.5	4	3	24.3	28.3	5	4	23.4	25.8
Clemens Crossing	3	4	26.7	23.3	4	3	20.5	27.0	3	3	28.3	27.3
Cradlerock School	4	3	21.5	25.0	3	3	22.0	26.7	3	3	20.7	21.0
Dayton Oaks	4	4	24.5	25.8	5	4	23.8	25.8	4	5	27.3	25.0
Deep Run	4	4	24.3	25.8	4	4	22.8	24.3	4	4	21.5	23.3
Ducketts Lane	4	4	22.3	26.3	4	4	24.3	26.3	4	4	21.3	27.8
Elkridge	5	6	26.8	24.3	6	5	24.0	26.4	5	6	27.0	23.7
Forest Ridge	6	4	22.5	25.5	4	6	26.3	23.0	5	4	26.0	27.5
Fulton	4	5	24.8	25.0	4	5	27.5	21.6	6	5	24.3	24.4
Gorman Crossing	4	5	24.3	22.0	5	4	22.6	23.5	4	5	23.5	21.6
Guilford	3	3	24.0	26.0	3	3	26.0	24.7	4	3	20.5	26.7
Hammond	5	4	21.6	24.8	4	4	25.5	26.8	4	4	25.5	26.5
Hollifield Station	5	5	23.8	22.6	4	5	27.5	24.8	5	4	24.4	28.8
Ilchester	5	5	23.4	25.2	5	5	27.0	24.2	5	5	23.2	27.0
Jeffers Hill	3	4	25.3	20.3	3	3	21.7	28.3	2	3	29.0	22.7
Laurel Woods	5	3	18.8	26.0	4	4	23.3	25.5	4	4	23.5	24.0
Lisbon	3	2	20.0	28.0	4	3	22.0	20.7	3	4	24.7	23.0
Longfellow	3	3	24.7	26.3	3	3	24.7	25.7	3	3	22.0	22.7
Manor Woods	5	5	23.2	23.2	5	5	23.8	24.4	6	5	22.8	25.2
Northfield	5	5	25.4	22.4	5	5	27.0	24.2	6	6	23.7	22.5
Phelps Luck	4	5	22.8	21.4	3	4	22.0	22.3	4	3	20.5	23.7
Pointers Run	4	5	26.5	24.0	6	4	25.2	29.3	6	6	24.8	25.8
Rockburn	5	5	22.6	22.2	4	5	26.8	22.6	5	4	24.4	24.8
Running Brook	3	4	23.7	23.3	3	3	25.0	21.7	3	4	22.3	23.0
St. John's Lane	5	5	26.2	25.0	4	5	28.3	26.4	4	5	26.3	24.2
Stevens Forest	3	3	20.7	22.0	3	3	19.3	19.7	3	2	24.3	27.0
Swansfield	4	4	22.0	23.8	3	4	27.0	24.0	4	4	23.3	22.0
Talbott Springs	3	3	25.7	23.0	3	3	19.3	27.0	3	3	21.0	20.0
Thunder Hill	4	4	21.3	21.5	3	4	24.0	21.3	3	3	19.0	23.0
Triadelphia Ridge	3	4	24.3	25.0	4	3	21.8	24.0	3	4	26.7	24.5
Veterans	5	5	26.2	26.6	5	6	26.4	23.5	5	6	25.8	23.5
Waterloo	3	4	27.0	24.0	4	3	23.8	27.7	4	4	25.3	26.3
Waverly	5	6	24.4	22.2	5	5	26.4	25.8	5	5	25.2	26.6
West Friendship	2	2	26.0	22.5	2	2	24.5	27.0	2	2	27.0	26.0
Worthington	4	4	20.5	23.3	4	3	25.3	29.0	3	4	26.7	26.0
Total Number of Classes	163	168			165	163			165	168		
HCPSS Average Class Size			23.8	23.9			24.3	24.6			24.3	24.6

Middle School Class Size 2014 - 2015

The data for middle school class size reflect the average number of students in each classroom by individual school as of September 30, 2014. The data for middle school class size reflect the average class size in the areas of language arts, mathematics, social studies, science, and world languages.

Middle school enrollment projections determine the number of classroom teachers assigned to a school.

Average class size remains consistent across middle schools, with school averages ranging from 18.3 to 22.4 with a countywide average of 20.7.

- Average class size in World Language is 22.4
- Average class size in Language Arts is 18.4
- Average class size in Social Studies is 22.3.
- Average class size in Science is 22.2
- Average class size in Mathematics is 18.3

Overall the average class size in all core subjects is 20.7.

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

- A comparison of class size by academic area for 2013-2014 and 2014-2015.
- A comparison of average class size by school for 2013-2014 and 2014-2015.
- A comparison of countywide class size by academic area for 2013-2014 and 2014-2015.

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

School	Middle School Core Subjects											
	World Language		Language Arts		Social Studies		Science		Mathematics		School Averages	
	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015	2013 - 2014	2014 - 2015
Bonnie Branch	23.1	22.7	20.4	19.3	23.3	22.7	22.6	21.2	21.8	18.6	22.1	20.9
Burleigh Manor	23.2	23.7	21.7	20.3	23.2	21.9	24.1	23.9	20.7	19.0	22.4	21.8
Clarksville	21.6	24.1	21.7	22.6	22.5	21.9	23.4	21.7	23	19.0	22.5	21.9
Dunloggin	22.6	22.3	21.8	19.4	22	23.4	22.9	23.6	21.9	18.6	22.2	21.4
Elkridge Landing	20.1	23.7	23.2	20.0	24.5	23.8	24.4	23.6	24.3	20.3	23.4	22.3
Ellicott Mills	22.6	22.6	23.2	19.8	25	23.6	23.4	23.7	20.8	20.1	22.9	21.9
Folly Quarter	20.5	23.9	22.5	19.0	22.7	22.5	23.7	24.4	21.3	18.9	22.3	21.7
Glenwood	21.9	22.9	22.8	20.7	23.7	24.1	21.8	23.1	21.8	16.9	22.5	21.5
Hammond	20.4	24.5	21.5	22.6	22.6	25.2	22.6	24.5	22.5	22.3	22.1	23.8
Harper's Choice	19.5	21.2	21	15.3	21.7	20.9	21.7	20.9	20.7	18.2	21.1	19.3
Lake Elkhorn	21.6	25.6	19	13.4	17.5	19.8	22	20.4	18.6	15.2	19.3	18.9
Lime Kiln	23.1	25.7	22.5	19.8	22.6	23.1	21.8	21.1	23.4	18.6	22.7	21.7
Mayfield Woods	22.3	21.6	21.8	18.6	22.1	21.2	24.2	20.7	20.0	20.8	22	20.6
Mount View	24	21.9	25.2	20.7	24.4	25.0	24.4	24.4	24.2	19.9	24.5	22.4
Murray Hill	26.8	20.2	19.6	15.1	24.4	22.0	24.4	22.3	18.8	15.2	22.1	19.0
Oakland Mills	19.4	20.1	17.2	15.2	17.2	18.5	18.7	20.1	17.1	15.7	17.7	17.9
Patapsco	19.4	23.1	22.2	18.6	23.4	21.9	23.4	21.6	24	19.2	22.9	20.9
Patuxent Valley	19.4	16.9	18.8	16.5	19.4	21.0	22.6	20.5	19.1	17.4	19.8	18.5
Thomas Viaduct	N/A	23.0	N/A	17.9	N/A	22.8	N/A	21.8	N/A	16.9	N/A	20.5
Wilde Lake	20.5	20.6	20.1	17.8	21	20.9	20.2	20.9	18.7	16.6	20	19.3
HCPSS Average Class Size	22	22.4	21.4	18.4	22.3	22.3	22.9	22.2	21.1	18.3	21.9	20.7

High School Class Size 2014 - 2015

The data for high school class size reflect the average number of students in each classroom by individual school as of September 30, 2014. The data for high-school class size reflect the class size in the academic areas of English 9 and 10, Algebra I, Geometry and Algebra II, core classes over 33, and comparative data for core academic courses.

High school enrollment projections determine the number of classroom teachers assigned to a school.

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 core curriculum classes 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:

1. Average class size for English 9 is 22.5.
2. Average class size for English 10 is 22.0.
3. Average class size for Algebra I, Geometry and Algebra II students is 22.5.

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

District wide, there is one core class with more than 33 students. One section of world language at Long Reach High School was increased to 34 students due to an unavoidable schedule conflict. Prior to approval, alternatives were examined and student impact assessed.

Table H-5, *Comparative High School Class Size Data by Core Curricular Areas*

The application of the high school staffing process has enabled HCPSS to maintain a consistent class size in all core curricular areas, while maintaining class sizes at or below 33 students. The Office of School Administration 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**

	English 9 Review			English 9			English 9 Honors			English 9 GT			Humanities I GT (English)			All		
Course Number	1010			1015			101M			102M			181M					
School	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	2	24	12	4	82	20.50	6	153	25.50	4	100	25.00				16	359	20.75
Centennial				5	112	22.40	6	144	24.00	3	75	25.00	1	33	33.00	15	364	26.10
Glenelg				5	100	20.00	5	132	26.40	2	56	28.00				12	288	24.80
Hammond	2	32	16	7	128	18.29	3	86	28.67	2	58	29.00				14	304	22.99
Howard				10	174	17.40	7	189	27.00	4	92	23.00				21	455	22.47
Long Reach	3	54	18	9	167	18.56	5	108	21.60	2	49	24.50				19	378	20.67
Marriotts Ridge				4	74	18.50	5	99	19.80	5	116	23.20				14	289	20.50
Mt. Hebron				6	135	22.50	5	158	31.60	3	85	28.33				14	378	27.48
Oakland Mills	2	18	9	7	126	18.00	3	75	25.00	3	59	19.67				15	278	17.92
Reservoir				7	126	18.00	5	138	27.60	3	68	22.67				15	332	22.76
River Hill				5	80	16.00	5	127	25.40	4	101	25.25				14	308	22.22
Wilde Lake				8	173	21.63	4	80	20.00	2	48	24.00				14	301	21.88
TOTAL	9	128	13.75	77	1477	19.92	59	1489	25.21	37	907	24.80	1	33	33.00	183	4034	22.54

**TABLE H-2
CLASS SIZE – ENGLISH 10**

	English 10 Review			English 10			English 10 Honors			English 10 GT			Humanities			All		
Course Number	1110			1115			111M			112M			182M					
School	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				5	120	24.00	5	125	25.00	5	116	23.20				15	348	23.20
Centennial				4	80	20.00	5	131	26.20	5	114	22.80	1	22	22.00	15	347	22.75
Glenelg				6	106	17.67	6	160	26.67	2	59	29.50				14	325	24.61
Hammond	1	17	17	7	126	18.00	5	109	21.80	2	54	27.00				15	306	20.95
Howard				7	138	19.71	7	172	24.57	4	100	25.00				18	410	23.09
Long Reach				10	177	17.70	4	100	25.00	3	61	20.33				17	338	21.01
Marriotts Ridge				4	57	14.25	5	107	21.40	5	124	24.80				14	288	20.15
Mt. Hebron	1	13	13	5	101	20.20	7	162	23.14	3	91	30.33				16	367	21.67
Oakland Mills	1	9	9	6	111	18.50	4	102	25.50	2	52	26.00				13	274	19.75
Reservoir				7	136	19.43	6	127	21.17	5	122	24.40				18	385	21.67
River Hill				3	58	19.33	5	111	22.20	4	115	28.75				12	284	23.43
Wilde Lake				6	121	20.17	5	122	24.40	2	42	21.00				13	285	21.86
TOTAL	3	39	13	70	1318	18.86	64	1528	23.92	42	1050	25.26	1	22	22.00	180	3957	22.01

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

	Algebra I/Data Analysis			Geometry			Geometry GT			Algebra II			Algebra II GT			All		
Course Number	3041			3202			322M			330M			331M					
School	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	5	124	24.80	6	162	27.00	3	69	23.00	8	222	27.75	7	170	24.29	29	747	25.37
Centennial	5	118	23.60	7	175	25.00	2	55	27.50	8	206	25.75	6	180	30.00	28	734	26.37
Glenelg	5	111	22.20	7	158	22.57	3	91	30.33	8	158	19.75	6	161	26.83	29	679	24.34
Hammond	10	236	23.60	10	217	21.70	2	52	26.00	8	193	24.13	4	104	26.00	34	802	24.29
Howard	10	160	16.00	8	218	27.25	5	145	29.00	12	274	22.83	7	186	26.57	42	983	24.33
Long Reach	13	254	19.54	11	260	23.64	4	99	24.75	10	241	24.10	5	143	28.60	43	997	24.13
Marriotts Ridge	3	66	22.00	6	147	24.50	2	48	24.00	6	128	21.33	7	169	24.14	24	558	23.19
Mt. Hebron	8	147	18.38	7	177	25.29	3	90	30.00	8	187	23.38	7	171	24.43	33	772	24.30
Oakland Mills	10	205	20.50	9	190	21.11	3	82	27.33	9	168	18.67	3	83	27.67	34	728	23.06
Reservoir	8	184	23.00	9	226	25.11	4	96	24.00	11	226	20.55	6	128	21.33	38	860	22.80
River Hill	6	97	16.17	5	106	21.20	2	53	26.50	8	168	21.00	5	156	31.20	26	580	23.21
Wilde Lake	10	197	19.70	9	212	23.56	2	40	20.00	12	235	19.58	3	91	30.33	36	775	22.63
TOTAL	93	1899	20.79	94	2248	23.99	35	920	26.03	108	2406	22.40	66	1742	26.78	396	9215	24.00

**TABLE H-4
CLASSES OVER 33**

School	Core Classes	Non-Core Classes *
	2014 - 2015	2014 - 2015
Atholton	0	0
Centennial	0	0
Glenelg	0	0
Hammond	0	0
Howard	0	0
Long Reach	1	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	1	0

* Does not include music and dance classes.

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

Core Curricular Areas School	English		World Language		Mathematics		Science		Social Studies	
	2013 - 2014	2014 - 2015	2013-2014	2014-2015	2013-2014	2014-2015	2013-2014	2014-2015	2013-2014	2014-2015
Atholton	23	24	24	24	25	24	23	23	26	26
Centennial	25	25	23	22	26	25	25	25	26	25
Glenelg	24	24	22	23	25	23	22	23	25	24
Hammond	22	23	20	19	23	23	21	21	22	25
Howard	23	24	24	24	24	24	24	25	23	24
Long Reach	21	22	26	22	21	22	22	22	25	24
Marriotts Ridge	25	23	26	34	23	22	25	23	25	24
Mt. Hebron	25	25	21	23	24	24	24	24	23	24
Oakland Mills	21	21	19	21	22	19	21	23	23	23
Reservoir	23	22	26	24	23	23	23	23	24	25
River Hill	23	24	24	22	25	24	25	24	26	26
Wilde Lake	22	21	23	24	20	20	20	21	24	24
TOTAL	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	24.0	25.0

NEXT STEPS

For SY 2015-2016, procedures for staffing elementary schools will remain the same. Procedures used in staffing middle and high schools will be adjusted. As the data in this report indicate, average class sizes are within the recommended ranges in elementary, middle, and high schools. Currently in middle schools, the teacher to student ratio is 1:20.5. The high school ratio is 1.4:27. The Office of School Administration will modify the middle school ratio to 1:21 and the high school ratio to 1.4:28.

The Office of School Administration considered the following points in planning for the SY 2015-2016:

- The revised staffing procedures were applied to enrollment projections and result in minimal change from previous class size averages.
- Revision of staffing procedures enables the system to manage human resources efficiently and effectively.

Effective staffing is a year-long process. The Office of School Administration will monitor staffing and respond to fluctuating enrollment and the programmatic needs of schools.