



Descriptive Statistics – Elementary

Table 1

	# of Classrooms	Min Student	Max Students	Avg .Class Size
Agnor-Hurt	24	17	25	21.04
Broadus Wood	16	16	25	20.00
Brownsville	28	18	26	20.75
Baker-Butler	23	16	22	19.35
Cale	30	17	22	18.40
Crozet	17	15	24	18.47
Greer	24	16	22	18.45
Hollymead	26	19	24	21.19
Meriwether Lewis	21	18	24	20.67
Murray	12	18	26	22.42
Red Hill	9	15	23	17.33
Scottsville	10	12	25	19.20
Stone Robinson	23	17	21	19.91
Stony Point	15	17	27	20.33
Woodbrook	17	15	22	17.00
Yancey	12	12	18	16.00
Division	307	12	27	19.56

* This chart only includes non-specialty sections of core courses

Descriptive Statistics – Elementary

Mean Size by Level, School, and Division

Table 2

School Name	Kindergarten	K/1	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
Agnor-Hurt	20.75		20.50	20.75	20.75	21.00	22.50
Broadus Wood	17.33		16.00	17.00	25.00	23.00	24.33
Brownsville	21.00		21.00	19.20	19.00	20.60	25.67
Baker-Butler	17.33		19.00	16.50	21.50	20.25	21.00
Cale	17.33		17.33	18.20	20.75	19.40	18.25
Crozet	23.50		18.00	18.33	16.33	17.33	19.00
Greer	20.00		19.25	17.50	17.50	16.50	20.00
Hollymead	22.25		20.80	19.00	22.00	22.00	21.75
Meriwether Lewis	19.50		21.33	21.33	24.00	18.00	21.00
Murray	19.50		20.50	22.50	26.00	20.00	26.00
Red Hill		17.67		16.00	16.50	15.50	23.00
Scottsville	20.50		13.00	23.00	22.50	16.00	25.00
Stone Robinson		20.14		18.25	21.00	19.00	21.00
Stony Point	19.33		22.50	17.33	20.50	26.50	18.67
Woodbrook	16.00		18.00	16.67	15.67	21.50	15.67
Yancey	16.00		13.50	12.00	18.00	18.00	17.50
Division	18.90	18.35	20.28	19.58	20.96	19.40	19.39



Descriptive Statistics – Elementary Frequency

Table 3

Class Sizes	Frequency	Cumulative Percent
12	3	1.0
13	1	1.3
14	2	2.0
15	4	3.3
16	24	11.1
17	36	22.8
18	44	37.1
19	37	49.2
20	41	62.5
21	55	80.5
22	25	88.6
23	10	91.9
24	11	95.4
25	6	97.4
26	7	99.7
27	1	100.0
Total Classes	318	

Elementary

Descriptive Statistics – Elementary Longitudinal Frequency

Table 4

Number of Classrooms K-3					
	< 20 Students	20-24 Students	25-27 Students	28 + students	Total
2010	114	88	4	0	206
2009	104	95	5	0	204
2008	102	90	8	0	200
2007	116	82	3	0	201
2006	122	73	4	0	199

Descriptive Statistics – Elementary Longitudinal Frequency

Table 5

Number of Classrooms 4-5					
	< 20 Students	20-24 Students	25-27 Students	28 + students	Total
2010	43	47	10	1	101
2009	37	58	2	0	97
2008	35	52	5	0	92
2007	35	55	2	0	92
2006	50	36	6	0	92

**Descriptive Statistics – Elementary
Longitudinal Frequency Class Size****Table 6**

Elementary

School	Classes - 25 Students
Agnor-Hurt	1 – Grade 5
Broadus Wood	2 – Grade 3, 1 – Grade 5
Brownsville	3 – Grade 5
Baker-Butler	
Cale	
Crozet	
Greer	
Hollymead	
Meriwether Lewis	
Murray	2 – Grade 3, 2 – Grade 5
Red Hill	
Scottsville	1 – Grade 5
Stone Robinson	
Stony Point	2 – Grade 4
Woodbrook	
Yancey	



Actions/Rationale Large Class Sizes – by School [Elementary]

Elementary

Agnor-Hurt

In order to address the larger class sizes, content support teachers were hired for Third, Fourth, and Fifth grade. This allowed specific support for language arts and math resulting in a smaller group size.

In order to maintain consistency, one teacher was looped up to Fifth grade with students from the prior school year. The goal was to maintain the student/teacher relationship which had been previously established. This classroom has only 26 students in the homeroom class for 20 minutes in the morning.

This does not affect our class numbers in key instructional areas.

Broadus Wood

Broadus Wood has two Third grade classrooms with 25 students each. One of our teachers is a .6 (FTE) from Broadus Wood allotment and .4 (FTE) intervention/special education allotment. During reading and math, this teacher serves as a third teacher for Third grade lowering the class sizes during those times.

Broadus Wood has one Fifth grade class with 25 students. One of our SPED teachers provides support by pushing in during the Math block and another SPED teacher assistant provides additional support by pushing in during the language arts block.

Brownsville

In order to address the larger class sizes, a part-time Fifth grade teacher has been hired. In Fifth grade, the part-time teacher is responsible for teaching components of Language Arts and Mathematics. By staffing in this manner, students in Fifth grade are able to stay in their assigned homeroom, but go to smaller classes (approximately 16-20 students) for these subject areas.

Murray

Virginia L. Murray has two Fifth grade classrooms with 26 students each. An additional .4 (FTE) was added to each classroom providing a third instructional group for both the literacy and math blocks. The third grade classrooms have 25 and 26 students in each classroom. A teaching assistant was added to each classroom for 5.5 hours a day (covering all direct instructional group time). The decision to add instructional assistants at third grade was in part due to the learning centers/station structure of those classrooms. Having an extra adult to help monitor independent learning centers/stations during language arts and math blocks reduces the size of the instructional groups meeting with the teacher on a daily basis.

**Scottsville**

Scottsville has a Fifth grade class with 25 students. That class has extra support during reading, word-study and math in the form of GRT, reading support teacher, intervention/prevention teacher and collaboration of 4/5 team during reading and word-study.

Stony Point

The larger class size in Fourth grade is due to staff cuts. The 4/5 enrollment increased by 1 student. 1 TA was hired to offset the larger classrooms (26, 27) in Fourth grade.



Descriptive Statistics – Middle Mean Class Size

Table 7

School Name	Number of Classrooms	Mean	Number of Classrooms	Mean
Burley	74	22.62	74	22.61
CPCS	15	8.8	15	9.13
Henley	134	24.66	135	24.64
Jouett	84	22.1	84	22.07
Sutherland	84	23.95	85	24.01
Walton	70	18.96	63	18.60
Division	461	22.35	455	22.37
		Semester 1	Semester 2	

Middle

* This chart only includes non-specialty sections of core courses

Descriptive Statistics – Middle Mean Class Size Comparison/Course Levels

Table 8

Math Level	Mean	Language Arts Level	Mean	World Languages	Mean
All courses	21.4	All courses	21.93	All courses	20.73
Math 6 Hon	24.36	Language Arts 7 Adv/Hon	24.5	Adv French 1	19.75
Math 6 Adv	22.94	Language Arts 7 St	21.13	Adv Spanish I	24.62
Math 6 St	18.21				



Descriptive Statistics – Middle Frequency

Table 9

Middle

Class Sizes	Frequency	Cumulative Percent	Frequency	Cumulative Percent
10 or fewer	19	4.1	18	4.0
11	4	5.0	4	4.8
12	6	6.3	6	6.2
13	11	8.7	10	8.4
14	11	11.1	11	10.8
15	12	13.7	12	13.4
16	14	16.7	13	16.3
17	11	19.1	12	18.9
18	21	23.6	17	22.6
19	30	30.2	31	29.5
20	24	35.4	26	35.2
21	23	40.3	23	40.2
22	24	45.6	23	45.3
23	26	51.2	26	51.0
24	28	57.3	31	57.8
25	31	64.0	27	63.7
26	31	70.7	38	72.1
27	45	80.5	37	80.2
28	33	87.6	34	87.7
29	31	94.4	31	94.5
30	14	97.4	12	97.1
31	3	98.0	4	98.0
32	4	98.9	4	98.9
33	5	100.0	5	100.0
Total	461		455	
	Semester 1		Semester 2	

* This chart only includes non-specialty sections of core courses



Descriptive Statistics – Middle Longitudinal Frequency

Table 10

Middle

		Burley	CPCS	Henley	Jouett	Sutherland	Walton	Total
20 or fewer	2010	25	15	28	29	20	47	164
	2009	32		38	58	27	57	212
	2008	19		33	34	21	44	151
	2007	44		53	30	19	31	177
	2006	40		55	55	26	34	210
21-27	2010	33	0	61	51	44	19	208
	2009	43		87	56	55	23	264
	2008	41		74	44	31	19	209
	2007	30		71	36	50	31	218
	2006	38		87	50	43	40	258
Over 27	2010	16	0	45	5	20	4	90
	2009	23		20	5	24	13	85
	2008	6		27	3	23	2	61
	2007	5		20	12	8	2	47
	2006	1		9	3	13	1	27

* This chart only includes non-specialty sections of core courses



Actions/Rationale Large Class Sizes – by School [Middle]

Middle

Burley

Classes

- **Honors Algebra** - Several students were moved up a level, and several students moved into the school and were added to these classes. Currently there is only one Algebra teacher on staff.
- **Civics & Econ Adv/Honors** - There was higher enrollment due to singleton sections of Geometry (2nd Block) and 1st block Adv/Honors Spanish.
- **Civics & Econ Grade 8** – This class size is due to a co-taught class with a higher enrollment which accommodates a singleton section of Math 8 with Pre-Algebra first block.
- **U. S. History I Grade 6** - Several sections of US History Grade 6 experienced an increased class size due to new enrollments. These levels were somewhat alleviated by adding a .5 Social Studies teacher with one 6th grade section.
- **U. S. History II Grade 7** - Several sections of US History 7 experienced an increased class size. These levels were somewhat alleviated by adding a .5 Social Studies teacher with one 7th grade section. An effort was made to place collaborative students and lower performing students in smaller sections.
- **Lang. Arts Grade 7 Adv/Honors** - This section has increased levels due to several students taking Algebra during blocks 1 and 4.
- **Lang. Arts Grade 8 Adv/Honors** - This section saw an increase due to singleton sections of Math 8 with Pre-Algebra (1st block) and Geometry (2nd block).
- **Math Grade 6 Adv** – An increase of students in Adv. Math 6 edged this class size a bit higher.
- **Math Grade 7 Adv/Honors** – Increase due to a higher number of students in Adv/Honors Math 7 and balancing issues with Social Studies and Science courses.
- **Science** - One science teacher for each grade. An effort was made to hire a .5 FTE science teacher. Since none were available for hire, an attempt was made to keep standard sections smaller than advanced.

Henley Middle School

Classes

- **Spanish I** - Scheduling conflicts forced many students into these sections and prevented them from being in the two other sections of Spanish I.
- **Spanish Grade 7** - Scheduling restrictions caused some Spanish 7 classes to be large.
- **French Grade 7** - Scheduling conflicts forced many students into these sections and prevented them from being in our two other sections of French.
- **Honors Algebra I** – There are six total sections of Algebra I and 151 students enrolled. Scheduling conflicts prevented an equal distribution of 25 per class.
- **Civics & Econ Adv/Honors** – There are fewer sections of Civics this year due to reduced FTE. Average class size is 26 and schedule conflicts created some sections over 27.
- **Civics & Econ** - Schedule restrictions made this class large. Class average for Standard level is 25
- **U. S. History I Grade 6** – There are fewer sections this year due to reduced FTE. Average class size is 24 and schedule conflicts created some sections over 27.
- **U. S. History II Grade 7** – There are fewer sections this year due to reduced FTE. Average class size is 27 and schedule conflicts created some sections over 27.
- **Lang. Arts Grade 6 Adv/Honors** - Advanced Language Arts classes were made larger so as to keep the Standard level at a smaller size.



Henley Middle School (Continued)

Classes

- **Lang. Arts Grade 7** - Scheduling conflicts prevented this class from remaining below 24, which is the intent for the standard level language arts.
- **Lang. Arts Grade 7 & 8 Adv/Honors** - Advanced Language Arts classes were made larger so as to keep the Standard level at a smaller size.
- **Math Grade 6 Adv** - Advanced and Honors level math classes were made larger so that standard level classes could be kept at smaller sizes.
- **Science Grade 6** – There are fewer sections this year due to reduced FTE. Average class size is 24 and schedule conflicts created some sections over 27.
- **Science Grade 7 /Life Science** – There are fewer sections this year due to reduced FTE. Average class size is 27 and schedule conflicts created some sections over 27.
- **Science Grade 8 /Physical Adv** – There are fewer sections this year due to reduced FTE. Average class size is 26 and schedule conflicts created some sections over 27.
- **Science Grade 8 /Physical** – Scheduling conflicts and an influx of students enrolling in standard level science caused this class to be larger than anticipated.

Jouett Middle School

- Jouett has 17 sections with class size of 27 or more students enrolled.
- The class size increased this year which is an average class size so some classes will be larger than the average.
- In all but 2 sections, this larger class size involved Adv/Honors level classes so that a smaller class size ratio for the Standard classes may be maintained.

Sutherland Middle School

Classes

- **Spanish I** – Increased class size numbers were caused by limited sections; connected alternate days with Lang Arts Grade 8 Adv/Honors and must share with one French section.
- **Honors Algebra I, Math Grade 6 Honors, Math Grade 7, Adv/Honors, & Lang. Arts Grade 7** - Specific student singleton needs scheduling needs caused an increase in size for this period.
- **Civics & Econ Adv/Honors** - Student load for this course level is very high; the choice was made to keep Standard level size numbers low.
- **U.S. History I & II** – These courses are connected to the Lang. Arts Grade 6 Adv/Honors level driving section choices; desire to keep standard level class size numbers low.
- **Lang. Arts Grades 6 & 7 Adv/Honors** – In order to meet the goal of keeping Standard level Lang. Arts class sizes numbers low Adv/Honors size numbers saw an increase.
- **Science Grade 6** - These courses are connected to Lang. Arts Grade 6 Adv/Honors level which drives section choices. The choice was made to keep Standard level size numbers low.
- **Life Science Grade 7, Physical Science Grade 8 Adv/Honors** – Consideration of current Math levels combined with the desire to maintain low size Standard Math levels.



Walton Middle School

Classes

- **Honors Algebra I** - This number is high due to a combination of increasing Algebra I population and schedule conflicts for some students.
- **Civics & Econ** - This class size reflects scheduling conflicts as well as lower numbers in the collaborative sections.
- **U. S. History I Collab & Grade 6, Lang. Arts Grade 6, Honors Math Grade 6, & Science Grade 6** - These courses are ones which have experienced a high 6th Grade enrollment rate, which increases class size.

Middle



Descriptive Statistics – High School Mean Class Size

Table 11

School	Number of Classrooms	Mean Size	Number of Classrooms	Mean Size
Albemarle HS	203	22.7	208	22.15
Murray HS	37	6.51	30	6.87
Monticello HS	134	21.61	139	22.07
Western Albemarle HS Division	158	22.75	159	22.72
	536	21.32	536	21.45
	Semester 1		Semester 2	

* This chart only includes non-specialty sections of core courses

Descriptive Statistics – High School Frequency

Table 12

	Frequency	Cumulative Percent	Frequency	Cumulative Percent
10 or fewer	41	7.7	37	6.9
11	6	8.8	7	8.2
12	6	10.0	7	9.5
13	10	11.8	8	11.0
14	9	13.5	14	13.6
15	18	16.9	19	17.2
16	27	22.0	19	20.7
17	21	25.9	25	25.4
18	32	32.0	31	31.2
19	27	37.0	31	36.9
20	24	41.5	24	41.4
21	22	45.7	21	45.3
22	29	51.1	29	50.7
23	18	54.5	24	55.2
24	34	60.9	30	60.8
25	24	65.4	28	66.0
26	33	71.6	34	72.4
27	37	78.6	37	79.3
28	48	87.6	36	86.0
29	36	94.4	38	93.1
30	15	97.2	22	97.2
31	11	99.2	9	98.9
32	2	99.6	3	99.4
33	1	99.8	1	99.6
35	1	100.0	1	99.8
37			1	100.0
Total	532		536	



Descriptive Statistics – High School
Number of Classes/Core Courses over 27 Students

Table 13

	AHS	MoHS	WAHS
English	21	14	19
Math	17	13	10
Science	14	13	12
Social Studies	20	11	24
Languages	20	11	10
	92	62	75

High



Descriptive Statistics – High School Longitudinal Frequency

Table 14

		AHS	MoHS	WAHS	Total
20 or fewer	2010	78	55	60	193
	2009	106	74	69	249
	2008	120	84	80	284
	2007	103	109	98	310
	2006	121	117	114	352
21-27	2010	80	54	52	186
	2009	200	121	141	462
	2008	234	141	134	509
	2007	230	133	125	488
	2006	222	122	133	477
Over 27	2010	45	23	46	114
	2009	26	19	9	54
	2008	14	10	9	33
	2007	27	8	12	47
	2006	13	11	5	29

High



Actions/Rationale Large Class Sizes – by School [High School]

High

Albemarle High School

- **English/Literature** – Class size balancing issues caused some classes to be larger than others. Balancing refers to the addition of sections, or scheduling of teachers with the goal of achieving the most efficacious result.
- **History** – Similarly, class size balancing issues caused some classes to be larger than others.
- **AP Psychology** – An additional section was added, but there were still class size equalization issues.
- **Algebra/Geometry** – Class size balancing issues arose for these classes as well.
- **AP Calculus** – Class size equalization would have meant the addition of a section.
- **Science/Bio/Chem** – Class size balancing precluded equalization.
- **Spanish** – There were class size balancing issues in general with regard to Spanish.

Monticello High School

- **AP Lang. & AP U.S History** - Conflicts made these sections higher. This is also a yearlong class, so students must pair this subject with another. Average class sizes were 24 and 28 respectively.
- **Honors English** – Sections averaged 25 students per class and 2 sections are paired with AP World History I. Conflicts in Honors English 11 brought one section number higher.
- **Spanish I & III** - Numbers in these courses increased and subsequently a section with staffing will most likely be added in the second semester.
- **Honors Spanish IV** - Sections were created out of sequence to accommodate 28 students.
- Class Size averages in the following subject areas ranged from 17 to 28, however it is important to note that some classes are collaborative and others meet all year which is reflected in the average class sizes seen: Honors World History, English 12, Honors Algebra, Geometry, Math Analysis, Honors Calculus, Honors Biology, Chemistry, and Adv German.

Western Albemarle High School

- **AP Eng Literature, AP Statistics, French II, and Adv Latin** – Class size is the result of having only one teacher for the course subject.
- **PVCC Astronomy** – This course experienced an overage due to several factors including; instruction being restricted to course-certified teachers, the current teacher is the only one certified to teach the course, and the teacher is a part-time employee. Given these factors all efforts were made to accommodate student requests.
- The following courses best accommodated student schedules and therefore saw a slight increase: English, Honors English, Adv Algebra II, Honors Algebra II, Honors Physics, Spanish I-III, AP Art History, World History, Honors Earth Science, Honors Biology, and Honors Chemistry.
- The following courses are ones which have experienced a high enrollment rate, which increases class size: Honors English, US History, Honors World History, AP European History, AP US Govt, AP Psychology, Honors Geometry, Adv Ecology