

Albemarle County Public Schools
2010 – 2011
School Board Budget Work Session

Middle & High School Staffing
Tuesday, January 25, 2011

Overview of Presentation

1. 2009 – 2010 Budget Initiatives
2. Total Number of Students Per Teacher
3. Average Class Size
4. Staffing & Percentage of Teaching Time
5. Course Request & Scheduling Process Map
6. Summary
7. Principals and Teachers Available for Questions

For the 2010 – 2011 school year two Board initiatives
impacted scheduling and staffing in Albemarle County
Public Schools

- Class Size Increase (+1 @ 4 – 12 : -2.87 for Elementary, -5.73 for Middle, -8.26 for High)

{-16.86 FTE – (\$1,113,957)}

- 8 Period Day for MS & HS (-3.44 FTE for MS, -9.24 FTE for HS)

{-12.68 FTE – (\$837,780)}

*Total FTEs eliminated: -2.87 Elementary, -9.17 Middle,
and -17.5 High*

Albemarle High School

Total Number of Students Per Full-Time Teacher

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 100	21	
100 – 109	20	
110 – 119	12	
120 – 129	8	
130 – 139	1	
140 – 149	0	
150 – 159	0	
160 – 169	0	
170 – 179	0	
	Data for teachers who were teaching 5 out of 7 sections	

Albemarle High School

Total Number of Students Per Full-Time Teacher

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 100	21	4
100 – 109	20	3
110 – 119	12	4
120 – 129	8	14
130 – 139	1	22
140 – 149	0	6
150 – 159	0	3
160 – 169	0	4
170 – 179	0	0
	Mean number of total students = 103.7	Mean number of total students = 130.4
	<i>Data for teachers who were teaching 5 out of 7 sections</i>	<i>Data for teachers who are teaching 6 out of 8 sections</i>

Monticello High School

Total Number of Students Per Full-Time Teacher

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 100	13	
100 – 109	10	
110 – 119	7	
120 – 129	5	
130 – 139	0	
140 – 149	0	
150 – 159	0	
160 – 169	1	
170 – 179	0	
	Data for teachers who were teaching 5 out of 7 sections	

Monticello High School

Total Number of Students Per Full-Time Teacher

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 100	13	4
100 – 109	10	1
110 – 119	7	4
120 – 129	5	11
130 – 139	0	14
140 – 149	0	1
150 – 159	0	3
160 – 169	1	1
170 – 179	0	0
	Mean number of total students = 104.1	Mean number of total students = 125.5
	<i>Data for teachers who were teaching 5 out of 7 sections</i>	<i>Data for teachers who are teaching 6 out of 8 sections</i>

Western Albemarle High School

Total Number of Students Per Full-Time Teacher

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 100	13	
100 – 109	7	
110 – 119	9	
120 – 129	7	
130 – 139	0	
140 – 149	0	
150 – 159	0	
160 – 169	0	
170 – 179	0	
	Data for teachers who were teaching 5 out of 7 sections	

Western Albemarle High School

Total Number of Students Per Full-Time Teacher

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 100	13	2
100 – 109	7	2
110 – 119	9	1
120 – 129	7	7
130 – 139	0	8
140 – 149	0	3
150 – 159	0	4
160 – 169	0	2
170 – 179	0	1
	Mean number of total students = 106.4	Mean number of total students = 134.2
	Data for teachers who were teaching 5 out of 7 sections	Data for teachers who are teaching 6 out of 8 sections

Middle Schools

Total Number of Students Per Full-Time Teacher

(Science & Social Studies)

	Burley		Henley		Jouett		Sutherland		Walton	
	2009-2010	2010-2011	2009-2010	2010-2011	2009-2010	2010-2011	2009-2010	2010-2011	2009-2010	2010-2011
< 100	0		0		0		0		0	
100 – 109	0		0		0		0		0	
110 – 119	0		1		1		1		2	
120 – 129	0		0		4		0		2	
130 – 139	0		2		1		2		0	
140 – 149	1		1		0		0		0	
150 – 159	1		1		0		3		0	
160 – 169	3		0		0		0		0	
170 – 179	1		1		0		0		0	

11 teachers with class size of 129 or less & 17 teachers with class size of 130 or greater

Middle Schools

Total Number of Students Per Full-Time Teacher

(Science & Social Studies)

	Burley		Henley		Jouett		Sutherland		Walton	
	2009-2010	2010-2011	2009-2010	2010-2011	2009-2010	2010-2011	2009-2010	2010-2011	2009-2010	2010-2011
< 100	0	0	0	0	0	0	0	0	0	0
100 – 109	0	0	0	0	0	0	0	0	0	0
110 – 119	0	0	1	0	1	0	1	0	2	0
120 – 129	0	0	0	0	4	2	0	0	2	0
130 – 139	0	1	2	0	1	0	2	0	0	2
140 – 149	1	1	1	0	0	2	0	1	0	2
150 – 159	1	2	1	4	0	2	3	3	0	0
160 – 169	3	1	0	1	0	0	0	2	0	0
170 – 179	1	1	1	0	0	0	0	0	0	0

2 teachers with class size of 129 or less & 25 teachers with class size of 130 or greater

Albemarle High School

Average Class Size Per Teacher – Full & Part-Time

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 20	29	
20 – 22	31	
23 - 25	18	
26 - 28	2	
29 - 31	0	
32 - 34	0	
	78 out of 80 teachers, 97.5% had an average of 25 or less students	

Albemarle High School

Average Class Size Per Teacher – Full & Part-Time

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 20	29	13
20 – 22	31	32
23 - 25	18	20
26 - 28	2	9
29 - 31	0	0
32 - 34	0	0
	78 out of 80 teachers, 97.5% had an average of 25 or less students	65 out of 74 teachers, 87.8% have an average of 25 or less students

Monticello High School

Average Class Size Per Teacher – Full & Part-Time

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 20	23	
20 – 22	18	
23 - 25	11	
26 - 28	0	
29 - 31	0	
32 - 34	0	
	All 52 teachers, 100% had an average of 25 or less	

Monticello High School

Average Class Size Per Teacher – Full & Part-Time

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 20	23	13
20 – 22	18	24
23 - 25	11	10
26 - 28	0	3
29 - 31	0	0
32 - 34	0	1
	All 52 teachers, 100% had an average of 25 or less	47 out of 51 teachers, 92% have an average of 25 or less students

Western Albemarle High School

Average Class Size Per Teacher – Full & Part-Time

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 20	22	
20 – 22	15	
23 - 25	16	
26 - 28	0	
29 - 31	0	
32 - 34	0	
	All 53 teachers, 100% had an average of 25 or less	

Western Albemarle High School

Average Class Size Per Teacher – Full & Part-Time

(Math, Science , Social Studies, English, & World Languages)

Total Number of Students	2009 - 2010	2010 - 2011
< 20	22	8
20 – 22	15	19
23 - 25	16	10
26 - 28	0	8
29 - 31	0	1
32 - 34	0	0
	All 53 teachers, 100% had an average of 25 or less	37 out of 46 teachers, 80.4% have 25 or less students

Middle Schools

Average Class Size Per Teacher – Full & Part-Time

(Language Arts, Math, Science & Social Studies)

[illegible]

Middle Schools

Average Class Size Per Teacher – Full & Part-Time

(Language Arts, Math, Science & Social Studies)

[illegible]

Staffing

Teaching 5 out of 8 vs. 6 out of 8

(Math, Science, Social Studies, English, & World Languages)

The number of teachers who are teaching 6 out of 8 sections:

Albemarle	60
Monticello	39
<u>Western Albemarle</u>	<u>30</u>
Total	129

129 teachers (FTE) x 6 periods = 774 teaching periods

774 teaching periods ÷ 5 periods = 154.8 teachers (FTE)

154.8 (FTE) - 129 (FTE) = 25.8 (FTE) difference

25.8 (FTE) x \$65,000 = \$1,677,000

**This does not include CTE, Fine Arts, or Health/PE teachers*

Decreased teaching loads by 1 period for all middle and high schools would = 60.72 FTEs = \$3,946,800

Staffing

Percent of Teaching Time

High School Teachers

- 5 out of 7 periods = 71.4% (2009 – 2010)
- 6 out of 8 periods = 75% (Currently)
- 5 out of 8 periods = 62.5%

Middle School Teachers

- 6 out of 8 periods = 75% (Currently)

Elementary Teachers

- 305 minutes out of 395 minutes = 77.2% (Currently)

Course Request and Scheduling Process Map



[Click \(HERE\)](#)



Summary

1. 2010 – 2011 budget eliminated -2.87 FTE at Elementary, -9.17 FTE at Middle, & -17.5 FTE High School
2. At the high school level, in 2009 – 2010, 2 teachers had class size ≥ 130 total students and 1 teacher had ≥ 150 . In current school year, 72 teachers have ≥ 130 and 18 teachers have ≥ 150 .
3. In our middle schools (science & social studies teachers), there were 11 teachers with ≤ 129 students and 17 ≥ 130 in 2009 – 2010. In the current school year, there are 2 ≤ 129 students and 25 ≥ 130 , with 16 of those having numbers ≥ 150 .

4. For average class size, our high schools moved from 98.9% of the teachers having average class sizes ≤ 25 in 2009 – 2010 to 87.1% in the current school year.
5. Middle schools moved from 81.4% of the teachers having average class sizes ≤ 25 in 2009 – 2010 to 69.8% in 2010 – 2011.
6. Decreasing teaching loads by 1 period for all middle & high school teachers would require 60.72 FTEs, \$3,946,800.
7. Currently, elementary teachers are teaching 77.2% of the school day, middle & high teachers are teaching 6 out of 8 periods, which is 75%. Last year, high school teachers taught 71.4% (5 out of 7). Teaching 5 out of 8 would be 62.5%.