

## Packet for Regional Attendance Area Meetings

**GROUP #** 12

### **General Information:**

Middle school redistricting is under consideration for the 2014-15 school year. At regional meetings the public has an opportunity to learn more about the redistricting process and to provide feedback to staff about the plans being considered. Please note that the primary focus of the meeting will be middle school redistricting to open the New Middle School #20 at 7000 Banbury Drive in Hanover, and relieve overcrowding. Redistricting would take effect in August 2014 if approved this November.

Tuesday, September 10, 2013 at 7:30pm Regional Meeting:  
Howard High School Cafeteria  
8700 Old Annapolis Road, Ellicott City, MD 21043

Wednesday, September 11, 2013 at 7:30pm Regional Meeting:  
Centennial High School Cafeteria  
4300 Centennial Lane, Ellicott City, MD 21042

### **Data and Feedback:**

The data in this packet compares the staff plan presented in the June 2013 Feasibility Study to the last plan that the Attendance Area Committee developed in August 2013. Plans are still under discussion and your input is valuable to staff. The Superintendent's final recommendation will be presented to the Board of Education on October 24<sup>th</sup>.

Staff is accepting further input via online survey that can be found on our website:  
<http://www.hcpss.org/schoolplanning/>

During the 9/10/13 regional meeting, Today's Meet Forum will be available for input at:  
<http://today.io/fdd3>

The Board of Education accepts feedback at [BOE@hcpss.org](mailto:BOE@hcpss.org) and via testimony at their Public Hearings.

### **Resources online:**

The attendance area adjustment timeline, maps, reports and other information are available online at <http://www.hcpss.org/schoolplanning/>

### **For additional information:**

Please call 410.313.1554 or send an email to [jennifer\\_bubenko@hcpss.org](mailto:jennifer_bubenko@hcpss.org).

Comparison of Feasibility Study Plan and AAC Plan

Middle School Summary		Current	FS Plan	AAC Plan	Assessment Criteria
Balance FARMS %	(MS Average = 17%) StdDev	14.36	14.30 NEGLIGIBLE	14.24 NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Balance MSA Reading Pass Rate	(MS Average = 93%) StdDev	5.46	5.20 NEGLIGIBLE	5.06 NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Balance MSA Math Pass Rate	(MS Average = 92%) StdDev	5.86	5.68 NEGLIGIBLE	5.71 NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Consecutive Years Under 110%	# of Schools Strengthened	NA	5	6	Mean increased by 1.0 or more = Strength; reduced by 1.0 or more = Weakness; otherwise Negligible
	# of Schools Weakened	NA	2	1	
	Mean	6.2	7.2 NEGLIGIBLE	7.7 STRENGTH	
Target Utilization Changed Schools 2014	# of Schools Strengthened	NA	3	7	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
	# of Schools Weakened	NA	2	4	
			STRENGTH	STRENGTH	
Target Utilization Changed Schools 2024	# of Schools Strengthened	NA	3	3	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
	# of Schools Weakened	NA	4	8	
			WEAKNESS	WEAKNESS	
Proximity to School	# of Schools Strengthened	NA	5	6	Mean reduced by 100 or more = Strength; increased by 100 or more = Weakness; otherwise Negligible
	# of Schools Weakened	NA	5	6	
	Mean (smaller # = closer set of polygons)	7896	8331 WEAKNESS	8266 WEAKNESS	
Non-Contiguous Attendance Areas	Number of "Islands"	1	0 STRENGTH	0 STRENGTH	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Transportation Costs	(MS Avg Rating = 0.00) (pos=savings; neg=cost)	NA	-0.20 WEAKNESS	0.00 NEGLIGIBLE	Mean increased = Strength; mean reduced = Weakness; otherwise Negligible
Students Moved	Number	NA	1181	1256	% of enrollment greater than 20% = High Movement, 10% to 20% = Moderate Movement, less than 10% = Low Movement
	% of Enrollment	NA	10.2% MODERATE MOVEMENT	10.9% MODERATE MOVEMENT	
Students moved too soon after last move	Number	NA	0	0	% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement
	% of Enrollment	NA	0.0% NO MOVEMENT	0.0% NO MOVEMENT	
Small ES-to-MS Feeds (under 15%)	# of Small Feeds	19	15 STRENGTH	17 STRENGTH	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Small MS-to-HS Feeds (under 15%)	# of Small Feeds	6	7 WEAKNESS	7 WEAKNESS	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Double Small Feeds	# of Double Small Feeds	5	2 STRENGTH	2 STRENGTH	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Low Utilization (Under 90%) 2014-2025	Per-school Average Years	3.3	3.4 WEAKNESS	2.8 STRENGTH	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible
High Utilization (Over 110%) 2014-2025	Per-school Average Years	5.6	4.8 STRENGTH	4.1 STRENGTH	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible
Strength		Moderate	Weakness		

Comparison of Feasibility Study Plan and AAC Plan

	Feasibility Study			AAC Plan		
Middle Schools	Balanced Farm %			Balanced Farm %		
	Before	After	Chg	Before	After	Chg
Bonnie Branch MS	17%	19%	-	17%	19%	-
Clarksville MS	0%	0%	=	0%	2%	+
Elkridge Landing MS	14%	9%	-	14%	9%	-
Ellicott Mills MS	10%	10%	=	10%	9%	=
Folly Quarter MS	2%	2%	=	2%	2%	=
Hammond MS	9%	20%	+	9%	17%	+
Lime Kiln MS	4%	4%	=	4%	4%	=
Mayfield Woods MS	27%	24%	+	27%	25%	+
Murray Hill MS	34%	34%	=	34%	34%	=
New MS #20		37%	=		36%	=
Patuxent Valley MS	32%	27%	+	32%	27%	+
Wilde Lake MS	35%	35%	=	35%	39%	-
Overall MS	17%	17%		17%	17%	
Strengthened		+	3		+	5
Weakened		-	2		-	3
Negligible		=	15		=	12
Mean						
StdDev	14.4	14.3		14.4	14.2	
	NEGLIGIBLE			NEGLIGIBLE		
	Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise Negligible			Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise Negligible		

**Individual School Assessment:**

1. If the **resulting** FARM% is less than 1% +/- the **existing** FARM%, assessed as an "="

2. If the **resulting** FARM% is greater than 1% +/- the **existing** FARM% AND

- a. The resulting FARM% is closer to the overall **average** FARM%, assessed as "+"
- OR
- b. The resulting FARM% is further from the overall **average** FARM%, assessed as "-"

	Feasibility Study			AAC Plan		
	Balanced MSA Reading Pass Rate			Balanced MSA Reading Pass Rate		
	Before	After	Chg	Before	After	Chg
	91%	90%	=	91%	91%	=
	98%	98%	=	98%	97%	=
	92%	93%	=	92%	93%	=
	98%	98%	=	98%	98%	=
	97%	97%	=	97%	97%	=
	96%	92%	+	96%	94%	=
	97%	97%	=	97%	97%	=
	91%	92%	=	91%	92%	=
	91%	92%	=	91%	92%	=
	87%		=	86%		=
	84%	87%	=	84%	87%	=
	85%	85%	=	85%	84%	=
	93%	93%		93%	93%	
	+	1		+	0	
	-	0		-	0	
	=	19		=	20	
	5.5	5.2		5.5	5.1	
	NEGLIGIBLE			NEGLIGIBLE		
	Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise Negligible			Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise Negligible		

**Individual School Assessment:**

1. If the **resulting** MSA% pass is less than 3% +/- the **existing** MSA% pass, assessed as an "="

2. If the **resulting** MSA% pass is greater than 1% +/- the **existing** MSA% pass AND

- a. The resulting MSA% pass is closer to the overall **average** MSA% pass, assessed as "+"
- OR
- b. The resulting MSA% pass is further from the overall **average** MSA% pass, assessed as "-"

	Feasibility Study			AAC Plan		
	Balanced MSA Math Pass Rate			Balanced MSA Math Pass Rate		
	Before	After	Chg	Before	After	Chg
	90%	89%	=	90%	90%	=
	98%	98%	=	98%	98%	=
	88%	89%	=	88%	89%	=
	96%	96%	=	96%	96%	=
	98%	98%	=	98%	98%	=
	95%	92%	=	95%	93%	=
	96%	96%	=	96%	95%	=
	90%	90%	=	90%	90%	=
	93%	93%	=	93%	93%	=
	85%		=	85%		=
	84%	87%	=	84%	87%	=
	83%	83%	=	83%	81%	=
	92%	92%		92%	92%	
	+	0		+	0	
	-	0		-	0	
	=	20		=	20	
	5.9	5.7		5.9	5.7	
	NEGLIGIBLE			NEGLIGIBLE		
	Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise Negligible			Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise Negligible		

Comparison of Feasibility Study Plan and AAC Plan

	Feasibility Study			AAC Plan		
Middle Schools	Consecutive Yrs Under 110%			Consecutive Yrs Under 110%		
	Before	After	Chg	Before	After	Chg
Bonnie Branch MS	0	12	+	0	6	+
Clarksville MS	12	12	=	12	12	=
Elkridge Landing MS	7	12	+	7	12	+
Ellicott Mills MS	0	0	=	0	1	+
Folly Quarter MS	12	12	=	12	12	=
Hammond MS	8	12	+	8	8	=
Lime Kiln MS	12	2	-	12	12	=
Mayfield Woods MS	3	4	+	3	8	+
Murray Hill MS	0	3	+	0	3	+
New MS #20		12	=		10	=
Patuxent Valley MS	8	7	-	8	7	-
Wilde Lake MS	1	1	=	1	7	+
Overall MS						
Strengthened		+	5		+	6
Weakened		-	2		-	1
Negligible		=	13		=	13
Mean	6.2	7.2		6.2	7.7	
StdDev						
	NEGLIGIBLE			STRENGTH		
	Mean increased by 1.0 or more = STRENGTH; reduced by 1.0 or more = WEAKNESS; otherwise Negligible			Mean increased by 1.0 or more = STRENGTH; reduced by 1.0 or more = WEAKNESS; otherwise Negligible		

Individual School Assessment:

1. If the **resulting** count equals the **existing** count, assessed as an "="
2. If the **resulting** count is greater than the **existing** count, assessed as an "+"
3. If the **resulting** count is less than the **existing** count, assessed as an "-"

	Feasibility Study			AAC Plan		
Target Utilization Changed Schools 2014	Target Utilization Changed Schools 2014			Target Utilization Changed Schools 2014		
	Before	After	Chg	Before	After	Chg
115%	89%	=		115%	95%	+
92%	92%	=		92%	105%	+
102%	90%	+		102%	90%	+
114%	114%	=		114%	108%	+
82%	82%	=		82%	82%	=
91%	78%	=		91%	94%	+
87%	111%	-		87%	97%	+
96%	90%	+		96%	84%	-
131%	94%	+		131%	94%	+
	76%	=			77%	=
89%	84%	-		89%	84%	-
128%	128%	=		128%	112%	-
94%	94%			94%	94%	
	+	3			+	7
	-	2			-	4
	=	15			=	9
	STRENGTH			STRENGTH		
	Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise			Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise		

	Feasibility Study			AAC Plan		
Target Utilization Changed Schools 2019	Target Utilization Changed Schools 2019			Target Utilization Changed Schools 2019		
	Before	After	Chg	Before	After	Chg
134%	104%	+		134%	111%	-
70%	70%	=		70%	84%	-
109%	95%	+		109%	95%	+
136%	136%	=		136%	129%	-
89%	89%	=		89%	89%	=
99%	84%	=		99%	103%	+
85%	113%	-		85%	97%	+
125%	114%	-		125%	106%	+
167%	117%	-		167%	117%	-
	92%	=			95%	=
104%	105%	+		104%	105%	+
118%	118%	=		118%	104%	+
102%	102%			102%	102%	
	+	3			+	6
	-	3			-	5
	=	14			=	9
	NEGLIGIBLE			STRENGTH		
	Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise			Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise		

Individual School Assessment:

1. If the **resulting** %utilization equals the **existing** %utilization, assessed as an "="
2. If the **resulting** %utilization is within 90-110%, assessed as an "+"
3. If the **resulting** %utilization is outside of 90-110%, assessed as an "-"

	Feasibility Study			AAC Plan		
Target Utilization Changed Schools 2024	Target Utilization Changed Schools 2024			Target Utilization Changed Schools 2024		
	Before	After	Chg	Before	After	Chg
123%	94%	+		123%	101%	+
54%	54%	=		54%	70%	-
116%	100%	+		116%	100%	+
144%	144%	=		144%	137%	-
83%	83%	=		83%	83%	=
118%	102%	+		118%	125%	-
84%	117%	-		84%	97%	+
146%	130%	-		146%	121%	-
179%	122%	-		179%	122%	-
	107%	=			111%	=
133%	131%	-		133%	131%	-
139%	139%	=		139%	124%	-
108%	108%			108%	108%	
	+	3			+	3
	-	4			-	8
	=	13			=	9
	WEAKNESS			WEAKNESS		
	Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise			Standard Deviation reduced by 25% or more = STRENGTH; increased by 25% or more = WEAKNESS; otherwise		

### Comparison of Feasibility Study Plan and AAC Plan

Feasibility Study				AAC Plan		
Middle Schools	Proximity to school			Proximity to school		
	Before	After	Chg	Before	After	Chg
Bonnie Branch MS	8341	8614	-	8341	8612	-
Clarksville MS	5828	6008	-	5828	7058	-
Elkridge Landing MS	5548	5948	-	5548	5948	-
Ellicott Mills MS	5906	5826	+	5906	5742	+
Folly Quarter MS	11608	11381	+	11608	11381	+
Hammond MS	6883	7987	-	6883	7533	-
Lime Kiln MS	12670	12363	+	12670	12354	+
Mayfield Woods MS	6024	5416	+	6024	5492	+
Murray Hill MS	8966	8074	+	8966	8074	+
New MS #20		16147	=		14299	=
Patuxent Valley MS	6364	6982	-	6364	6982	-
Wilde Lake MS	5827	5827	=	5827	5124	+
Overall MS						
Strengthened		+	5		+	6
Weakened		-	5		-	6
Negligible		=	10		=	8
Mean	7895.7	8331.2		7895.7	8266.2	
StdDev						
	WEAKNESS			WEAKNESS		
	Mean reduced by 100 or more = STRENGTH; increased by 100 or more = WEAKNESS; otherwise Negligible			Mean reduced by 100 or more = STRENGTH; increased by 100 or more = WEAKNESS; otherwise Negligible		

**Individual School Assessment:**

1. If the **resulting** distance equals the **existing** distance assessed as an "="
2. If the **resulting** distance is less than the **existing** distance assessed as an "+"
3. If the **resulting** distance is greater than the **existing** distance assessed as an "-"

[illegible]

**Individual School Assessment:**

1. If the **resulting** count equals the **existing** count, assessed as an "="
2. If the **resulting** count is greater than the **existing** count, assessed as an "+"
3. If the **resulting** count is less than the **existing** count, assessed as an "-"

Feasibility Study		AAC Plan	
Transportation Cost Change		Transportation Cost Change	
After	Chg	After	Chg
0	==	0	==
0	==	0	==
-1	==	0	==
0	==	0	==
0	==	0	==
-1	==	0	==
0	==	0	==
0	==	0	==
0	==	0	==
0	==	0	==
-1	==	0	==
0	==	0	==
0	==	0	==
+	0	+	0
-	3	-	0
=	17	=	20
-0.2		0.0	
WEAKNESS		NEGLIGIBLE	
Mean increased = STRENGTH; mean reduced = WEAKNESS; otherwise Negligible		Mean increased = STRENGTH; mean reduced = WEAKNESS; otherwise Negligible	

**Individual School Assessment:**

1. If the **resulting** estimated cost equals the **existing** cost, assessed as an "="
2. If the **resulting** estimated cost is greater than the **existing** cost, assessed as an "+"
3. If the **resulting** estimated cost is less than the **existing** cost, assessed as an "-"

## Comparison of Feasibility Study Plan and AAC Plan

	Feasibility Study		AAC Plan	
Middle Schools	Students Moved		Students Moved	
	Gained	Lost	Gained	Lost
Bonnie Branch MS	0	171	40	171
Clarksville MS	0	0	79	0
Elkridge Landing MS	65	155	65	155
Ellicott Mills MS	0	0	0	40
Folly Quarter MS	0	0	0	0
Hammond MS	92	170	92	72
Lime Kiln MS	170	0	72	0
Mayfield Woods MS	106	151	106	205
Murray Hill MS	0	247	0	247
New MS #20	501	0	513	0
Patuxent Valley MS	247	287	247	287
Wilde Lake MS	0	0	0	79
Overall MS	1181	10%	1256	10%
Strengthened				
Weakened				
Negligible				
Mean	59.1	10%	62.8	11%
StdDev				
	MODERATE MOVEMENT		MODERATE MOVEMENT	
	% of enrollment greater than 20% = High Movement, 10% to 20% = Moderate Movement, less than 10% = Low Movement		% of enrollment greater than 20% = High Movement, 10% to 20% = Moderate Movement, less than 10% = Low Movement	

<b>Feasibility Study</b>		<b>AAC Plan</b>	
Students moved within 2 yrs of last MS move		Students moved within 2 yrs of last MS move	
<b>Number</b>	<b>% Enrollment</b>	<b>Number</b>	<b>% Enrollment</b>
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0	0%	0	0%
0.0	0%	0.0	0%
<b>NO MOVEMENT</b>		<b>NO MOVEMENT</b>	
% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement		% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement	

# Comparison of Feasibility Study Plan and AAC Plan

	Feasibility Study			AAC Plan		
Middle Schools	Double Small Feed			Double Small Feed		
	Before	After	Chg	Before	After	Chg
Bonnie Branch MS	2	1	+	2	1	+
Clarksville MS	0	0	=	0	0	=
Elkridge Landing MS	1	1	=	1	1	=
Ellicott Mills MS	0	0	=	0	0	=
Folly Quarter MS	0	0	=	0	0	=
Hammond MS	0	0	=	0	0	=
Lime Kiln MS	0	0	=	0	0	=
Mayfield Woods MS	1	0	+	1	0	+
Murray Hill MS	1	0	+	1	0	+
New MS #20	0	0	=	0	0	=
Patuxent Valley MS	0	0	=	0	0	=
Wilde Lake MS	0	0	=	0	0	=
Overall MS	5	2		5	2	
Strengthened		+	3		+	3
Weakened		-	0		-	0
Negligible		=	17		=	17
Mean						
StdDev						
	STRENGTH			STRENGTH		
	"After" count lower than "Before" = STRENGTH; "After" higher = WEAKNESS; otherwise Negligible			"After" count lower than "Before" = STRENGTH; "After" higher = WEAKNESS; otherwise Negligible		

	Feasibility Study			AAC Plan		
	ES Feeds Under 10%			ES Feeds Under 10%		
	Before	After	Chg	Before	After	Chg
	3	2	+	3	3	=
	0	0	=	0	0	=
	0	0	=	0	0	=
	0	0	=	0	0	=
	0	0	=	0	0	=
	0	0	=	0	0	=
	1	1	=	1	1	=
	1	1	=	1	1	=
	1	0	+	1	0	+
	3		+	2		+
	2	0	+	2	0	+
	0	0	=	0	0	=
	12	11		12	11	
		+	3		+	2
		-	0		-	0
		=	17		=	18
Minimums	2.0%	0.5%		2.0%	2.2%	
	STRENGTH			STRENGTH		
	"After" count lower than "Before" = STRENGTH; "After" higher = WEAKNESS; otherwise Negligible			"After" count lower than "Before" = STRENGTH; "After" higher = WEAKNESS; otherwise Negligible		

	Feasibility Study			AAC Plan		
	ES Feeds 10% - 15%			ES Feeds 10% - 15%		
	Before	After	Chg	Before	After	Chg
	1	0	+	1	0	+
	0	0	=	0	1	-
	0	0	=	0	0	=
	0	0	=	0	0	=
	0	0	=	0	0	=
	0	0	=	0	0	=
	0	0	=	0	0	=
	2	1	+	2	1	+
	0	0	=	0	0	=
	0		+	1		+
	1	0	+	1	0	+
	0	0	=	0	0	=
	7	4		7	6	
		+	3		+	3
		-	0		-	1
		=	17		=	16
	STRENGTH			STRENGTH		
	"After" count lower than "Before" = STRENGTH; "After" higher = WEAKNESS; otherwise Negligible			"After" count lower than "Before" = STRENGTH; "After" higher = WEAKNESS; otherwise Negligible		

## Individual School Assessment:

1. If the **resulting** count equals the **existing** count, assessed as an "="
2. If the **resulting** count is greater than the **existing** count, assessed as an "+"
3. If the **resulting** count is less than the **existing** count, assessed as an "-"

Comparison of Feasibility Study Plan and AAC Plan

Feasibility Study			AAC Plan			Feasibility Study			AAC Plan			Feasibility Study			AAC Plan			Feasibility Study			AAC Plan			
Middle Schools	2014-2016 Low Util (<90%)			2014-2016 Low Util (<90%)			2014-2016 High Util (>110%)			2014-2016 High Util (>110%)			2017-2019 Low Util (<90%)			2017-2019 Low Util (<90%)			2017-2019 High Util (>110%)			2017-2019 High Util (>110%)		
	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg
	0	1	-	0	0	=	3	0	+	3	0	+	0	0	=	0	0	=	3	0	+	3	1	+
	2	2	=	2	0	+	0	0	=	0	0	=	3	3	=	3	2	+	0	0	=	0	0	=
	0	0	=	0	0	=	0	0	=	0	0	=	0	0	=	0	0	=	0	0	=	0	0	=
	0	0	=	0	0	=	3	3	=	3	2	+	0	0	=	0	0	=	3	3	=	3	3	=
	3	3	=	3	3	=	0	0	=	0	0	=	1	1	=	1	1	=	0	0	=	0	0	=
	0	3	-	0	0	=	0	0	=	0	0	=	0	3	-	0	0	=	0	0	=	0	0	=
	3	0	+	3	0	+	0	3	-	0	0	=	3	0	+	3	0	+	0	3	-	0	0	=
	0	0	=	0	2	-	0	0	=	0	0	=	0	0	=	0	0	=	3	2	+	3	0	+
Murray Hill MS	0	0	=	0	0	=	3	0	+	3	0	+	0	0	=	0	0	=	3	3	=	3	3	=
New MS #20	3			3			0			0			1			0			0			0		
Patuxent Valley MS	1	2	-	1	2	-	0	0	=	0	0	=	0	0	=	0	0	=	0	0	=	0	0	=
Wilde Lake MS	0	0	=	0	0	=	2	2	=	2	2	=	0	0	=	0	0	=	3	3	=	3	0	+
Overall MS	14	19		14	15		18	15		18	11		14	15		14	10		25	24		25	17	
Strengthened	+	1		+	2		+	2		+	3		+	1		+	2		+	2		+	3	
Weakened	-	3		-	2		-	1		-	0		-	1		-	0		-	1		-	0	
Negligible	=	16		=	16		=	17		=	17		=	18		=	18		=	17		=	17	
Mean	0.7	1.0		0.7	0.8		0.9	0.8		0.9	0.6		0.7	0.8		0.7	0.5		1.3	1.2		1.3	0.9	
StdDev																								
	WEAKNESS			NEGLIGIBLE			STRENGTH			STRENGTH			NEGLIGIBLE			STRENGTH			STRENGTH			STRENGTH		
	Mean reduced by 0.1 or more = STRENGTH;			Mean reduced by 0.1 or more = STRENGTH;			Mean reduced by 0.1 or more = STRENGTH;			Mean reduced by 0.1 or more = STRENGTH;			Mean reduced by 0.1 or more = STRENGTH;			Mean reduced by 0.1 or more = STRENGTH;			Mean reduced by 0.1 or more = STRENGTH;			Mean reduced by 0.1 or more = STRENGTH;		
	increased by 0.1 or more = WEAKNESS;			increased by 0.1 or more = WEAKNESS;			increased by 0.1 or more = WEAKNESS;			increased by 0.1 or more = WEAKNESS;			increased by 0.1 or more = WEAKNESS;			increased by 0.1 or more = WEAKNESS;			increased by 0.1 or more = WEAKNESS;			increased by 0.1 or more = WEAKNESS;		
	otherwise Negligible			otherwise Negligible			otherwise Negligible			otherwise Negligible			otherwise Negligible			otherwise Negligible			otherwise Negligible			otherwise Negligible		

Individual School Assessment:

1. If the **resulting** count equals the **existing** count, assessed as an "="

2. If the **resulting** count is greater than the **existing** count, assessed as an "+"

3. If the **resulting** count is less than the **existing** count, assessed as an "-"



Comparison of Feasibility Study Plan and AAC Plan

Feasibility Study			AAC Plan			Feasibility Study			AAC Plan			Feasibility Study			AAC Plan			Feasibility Study			AAC Plan				
Middle Schools	2020-2022 Low Util (<90%)			2020-2022 Low Util (<90%)			2020-2022 High Util (>110%)			2020-2022 High Util (>110%)			2023-2025 Low Util (<90%)			2023-2025 Low Util (<90%)			2023-2025 High Util (>110%)			2023-2025 High Util (>110%)			
	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg	Before	After	Chg	
	Bonnie Branch MS	0	1	-	0	0	=	3	0	+	3	0	+	0	0	=	0	0	=	3	0	+	3	0	+
	Clarksville MS	3	3	=	3	3	=	0	0	=	0	0	=	3	3	=	3	3	=	0	0	=	0	0	=
	Elkridge Landing MS	0	0	=	0	0	=	2	0	+	2	0	+	0	0	=	0	0	=	3	0	+	3	0	+
	Ellicott Mills MS	0	0	=	0	0	=	3	3	=	3	3	=	0	0	=	0	0	=	3	3	=	3	3	=
	Folly Quarter MS	3	3	=	3	3	=	0	0	=	0	0	=	3	3	=	3	3	=	0	0	=	0	0	=
	Hammond MS	0	2	-	0	0	=	1	0	+	1	1	=	0	0	=	0	0	=	3	0	+	3	3	=
	Lime Kiln MS	3	0	+	3	0	+	0	1	-	0	0	=	3	0	+	3	0	+	0	3	-	0	0	=
	Mayfield Woods MS	0	0	=	0	0	=	3	3	=	3	1	+	0	0	=	0	0	=	3	3	=	3	3	=
Murray Hill MS	0	0	=	0	0	=	3	3	=	3	3	=	0	0	=	0	0	=	3	3	=	3	3	=	
New MS #20	0		=	0		=	0		=	0		=	0		=	0		=	0		=	2		=	
Patuxent Valley MS	0	0	=	0	0	=	1	2	-	1	2	-	0	0	=	0	0	=	3	3	=	3	3	=	
Wilde Lake MS	0	0	=	0	0	=	3	3	=	3	0	+	0	0	=	0	0	=	3	3	=	3	3	=	
Overall MS	18	18		18	15		26	22		26	17		16	13		16	13		37	31		37	33		
Strengthened	+		1	+		1	+		3	+		4	+		1	+		1	+		3	+		2	
Weakened	-		2	-		0	-		2	-		1	-		0	-		0	-		1	-		0	
Negligible	=		17	=		19	=		15	=		15	=		19	=		19	=		16	=		18	
Mean	0.9	0.9		0.9	0.8		1.4	1.1		1.4	0.9		0.8	0.7		0.8	0.7		1.9	1.6		1.9	1.7		
StdDev																									
	NEGLIGIBLE			STRENGTH			STRENGTH			STRENGTH			STRENGTH			STRENGTH			STRENGTH			STRENGTH			

Individual School Assessment:

1. If the **resulting** count equals the **existing** count, assessed as an "="

2. If the **resulting** count is greater than the **existing** count, assessed as an "+"

3. If the **resulting** count is less than the **existing** count, assessed as a "-"

Assesments of Feasibility Study Plan  
(Feeds compared to existing attendance areas)

Middle School	Before Feeding Schools	Feed	After Feeding Schools	Feed	Middle School	Before Feeding Schools	Feed	After Feeding Schools	Feed
<b>Bonnie Branch MS</b>	Bellows Spring ES Ilchester ES Jeffers Hill ES Phelps Luck ES Rockburn ES Waterloo ES	4.2% 44.6% 2.0% 31.8% 12.5% 5.0%	Ilchester ES Jeffers Hill ES Phelps Luck ES Rockburn ES Waterloo ES	55.5% 2.5% 39.6% 2.3% 0.0%	<b>Lake Elkhorn MS</b>	Cradlerock ES Guilford ES Jeffers Hill ES Talbot Springs ES	51.6% 18.7% 20.6% 9.1%	Cradlerock ES Guilford ES Jeffers Hill ES Talbot Springs ES	51.6% 18.7% 20.6% 9.1%
<b>Burleigh Manor MS</b>	Centennial Lane ES Manor Woods ES Northfield ES	55.3% 24.7% 20.0%	Centennial Lane ES Manor Woods ES Northfield ES	55.3% 24.7% 20.0%	<b>Lime Kiln MS</b>	Clemens Crossing ES Dayton Oaks ES Fulton ES Pointers Run ES	9.7% 22.9% 27.6% 39.8%	Clemens Crossing ES Dayton Oaks ES Fulton ES Pointers Run ES	7.6% 17.9% 43.3% 31.1%
<b>Clarksville MS</b>	Clarksville ES Pointers Run ES	51.3% 48.7%	Clarksville ES Pointers Run ES	51.3% 48.7%	<b>Mayfield Woods MS</b>	Bellows Spring ES Deep Run ES Jeffers Hill ES New ES #41 Phelps Luck ES Waterloo ES	24.9% 30.6% 11.5% 17.4% 4.4% 11.3%	Bellows Spring ES Deep Run ES Jeffers Hill ES Phelps Luck ES Waterloo ES	31.4% 33.5% 12.6% 4.9% 17.7%
<b>Dunloggin MS</b>	Hollifield Station ES Northfield ES St Johns Lane ES Thunder Hill ES Veterans ES	8.5% 46.8% 12.3% 4.6% 27.8%	Hollifield Station ES Northfield ES St Johns Lane ES Thunder Hill ES Veterans ES	8.5% 46.8% 12.3% 4.6% 27.8%	<b>Mount View MS</b>	Manor Woods ES Waverly ES West Friendship ES	32.9% 40.8% 26.4%	Manor Woods ES Waverly ES West Friendship ES	32.9% 40.8% 26.4%
<b>Elkridge Landing MS</b>	Elkridge ES New ES #41 Rockburn ES	59.9% 16.9% 23.2%	Elkridge ES Rockburn ES	63.7% 36.3%	<b>Murray Hill MS</b>	Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Hammond ES Laurel Woods ES	5.2% 20.3% 37.1% 0.0% 37.5%	Gorman Crossing ES Laurel Woods ES	49.7% 50.3%
<b>Ellicott Mills MS</b>	Thunder Hill ES Veterans ES Waterloo ES Worthington ES	17.3% 25.9% 22.6% 34.2%	Thunder Hill ES Veterans ES Waterloo ES Worthington ES	17.3% 25.9% 22.6% 34.2%	<b>New MS #20</b>			Bellows Spring ES Deep Run ES Guilford ES New ES #41 Rockburn ES	0.5% 7.8% 27.5% 54.9% 9.4%
<b>Folly Quarter MS</b>	Bushy Park ES Clarksville ES Dayton Oaks ES Triadelphia Ridge ES	16.7% 0.0% 37.7% 45.6%	Bushy Park ES Dayton Oaks ES Triadelphia Ridge ES	16.7% 37.7% 45.6%	<b>Oakland Mills MS</b>	Atholton ES Stevens Forest ES Talbot Springs ES Thunder Hill ES	10.0% 46.6% 33.4% 10.0%	Atholton ES Stevens Forest ES Talbot Springs ES Thunder Hill ES	10.0% 46.6% 33.4% 10.0%
<b>Glenwood MS</b>	Bushy Park ES Lisbon ES	51.9% 48.1%	Bushy Park ES Lisbon ES	51.9% 48.1%	<b>Patapsco MS</b>	Hollifield Station ES St Johns Lane ES Waverly ES	43.2% 36.1% 20.7%	Hollifield Station ES St Johns Lane ES Waverly ES	43.2% 36.1% 20.7%
<b>Hammond MS</b>	Atholton ES Fulton ES Hammond ES	33.5% 32.5% 33.9%	Atholton ES Guilford ES Hammond ES	39.8% 0.0% 60.2%	<b>Patuxent Valley MS</b>	Bollman Bridge ES Deep Run ES Forest Ridge ES Guilford ES Hammond ES Rockburn ES	36.6% 5.2% 20.7% 18.4% 12.9% 6.3%	Bollman Bridge ES Forest Ridge ES	49.6% 50.4%
<b>Harpers Choice MS</b>	Clemens Crossing ES Longfellow ES Swansfield ES	9.2% 39.9% 50.9%	Clemens Crossing ES Longfellow ES Swansfield ES	9.2% 39.9% 50.9%	<b>Wilde Lake MS</b>	Bryant Woods ES Clemens Crossing ES Running Brook ES	33.2% 28.6% 38.2%	Bryant Woods ES Clemens Crossing ES Running Brook ES	33.2% 28.6% 38.2%

Assesments of Feasibility Study Plan  
(Feeds compared to existing attendance areas)

High School	Before Feeding Schools	Feed	After Feeding Schools	Feed	High School	Before Feeding Schools	Feed	After Feeding Schools	Feed
<a href="#">Atholton HS</a>	Clarksville MS Hammond MS Lime Kiln MS Murray Hill MS Wilde Lake MS	26.1% 15.6% 19.1% 12.1% 27.2%	Clarksville MS Hammond MS Lime Kiln MS Murray Hill MS Wilde Lake MS	26.1% 15.6% 19.1% 12.1% 27.2%	<a href="#">Marriotts Ridge HS</a>	Burleigh Manor MS Mount View MS	15.5% 84.5%	Burleigh Manor MS Mount View MS	15.5% 84.5%
<a href="#">Centennial HS</a>	Burleigh Manor MS Dunloggin MS Ellicott Mills MS	52.5% 19.0% 28.6%	Burleigh Manor MS Dunloggin MS Ellicott Mills MS	52.5% 19.0% 28.6%	<a href="#">Mt Hebron HS</a>	Dunloggin MS Ellicott Mills MS Patapsco MS	17.6% 21.7% 60.7%	Dunloggin MS Ellicott Mills MS Patapsco MS	17.6% 21.7% 60.7%
<a href="#">Glenelg HS</a>	Folly Quarter MS Glenwood MS	33.5% 66.5%	Folly Quarter MS Glenwood MS	33.5% 66.5%	<a href="#">Oakland Mills HS</a>	Lake Elkhorn MS Oakland Mills MS	48.6% 51.4%	Lake Elkhorn MS Oakland Mills MS	48.6% 51.4%
<a href="#">Hammond HS</a>	Hammond MS Lake Elkhorn MS Murray Hill MS Patuxent Valley MS	17.4% 7.6% 1.9% 73.1%	Hammond MS Lake Elkhorn MS New MS #20 Patuxent Valley MS	27.3% 7.6% 20.5% 44.6%	<a href="#">Reservoir HS</a>	Hammond MS Lime Kiln MS Murray Hill MS	22.0% 21.4% 56.6%	Hammond MS Lime Kiln MS Murray Hill MS Patuxent Valley MS	3.6% 39.8% 39.1% 17.5%
<a href="#">Howard HS</a>	Bonnie Branch MS Elkridge Landing MS Ellicott Mills MS Mayfield Woods MS	43.3% 40.5% 15.8% 0.4%	Bonnie Branch MS Elkridge Landing MS Ellicott Mills MS Mayfield Woods MS	36.4% 47.4% 15.8% 0.4%	<a href="#">River Hill HS</a>	Clarksville MS Folly Quarter MS Lime Kiln MS	47.4% 28.0% 24.6%	Clarksville MS Folly Quarter MS Lime Kiln MS	47.4% 28.0% 24.6%
<a href="#">Long Reach HS</a>	Bonnie Branch MS Elkridge Landing MS Mayfield Woods MS	12.7% 18.2% 69.1%	Bonnie Branch MS Elkridge Landing MS Mayfield Woods MS New MS #20	7.8% 7.2% 62.1% 22.9%	<a href="#">Wilde Lake HS</a>	Dunloggin MS Harpers Choice MS Wilde Lake MS	12.4% 57.6% 30.1%	Dunloggin MS Harpers Choice MS Wilde Lake MS	12.4% 57.6% 30.1%

Assessments of AAC Plan  
(Feeds compared to existing attendance areas)

Middle School	Before Feeding Schools	Feed	After Feeding Schools	Feed	Middle School	Before Feeding Schools	Feed	After Feeding Schools	Feed
<b>Bonnie Branch MS</b>	Bellows Spring ES Ilchester ES Jeffers Hill ES Phelps Luck ES Rockburn ES Waterloo ES	4.2% 44.6% 2.0% 31.8% 12.5% 5.0%	Ilchester ES Jeffers Hill ES Phelps Luck ES Rockburn ES Waterloo ES	51.7% 2.3% 36.9% 2.2% 6.8%	<b>Lake Elkhorn MS</b>	Cradlerock ES Guilford ES Jeffers Hill ES Talbot Springs ES	51.6% 18.7% 20.6% 9.1%	Cradlerock ES Guilford ES Jeffers Hill ES Talbot Springs ES	47.2% 25.6% 18.8% 8.3%
<b>Burleigh Manor MS</b>	Centennial Lane ES Manor Woods ES Northfield ES	55.3% 24.7% 20.0%	Centennial Lane ES Manor Woods ES Northfield ES	55.3% 24.7% 20.0%	<b>Lime Kiln MS</b>	Clemens Crossing ES Dayton Oaks ES Fulton ES Pointers Run ES	9.7% 22.9% 27.6% 39.8%	Clemens Crossing ES Dayton Oaks ES Fulton ES Pointers Run ES	8.8% 20.6% 34.7% 35.9%
<b>Clarksville MS</b>	Clarksville ES Pointers Run ES	51.3% 48.7%	Clarksville ES Clemens Crossing ES Pointers Run ES	45.7% 11.1% 43.3%	<b>Mayfield Woods MS</b>	Bellows Spring ES Deep Run ES Jeffers Hill ES New ES #41 Phelps Luck ES Waterloo ES	24.9% 30.6% 11.5% 17.4% 4.4% 11.3%	Bellows Spring ES Deep Run ES Jeffers Hill ES Phelps Luck ES Waterloo ES	26.2% 36.0% 13.6% 5.2% 19.0%
<b>Dunloggin MS</b>	Hollifield Station ES Northfield ES St Johns Lane ES Thunder Hill ES Veterans ES	8.5% 46.8% 12.3% 4.6% 27.8%	Hollifield Station ES Northfield ES St Johns Lane ES Thunder Hill ES Veterans ES	8.5% 46.8% 12.3% 4.6% 27.8%	<b>Mount View MS</b>	Manor Woods ES Waverly ES West Friendship ES	32.9% 40.8% 26.4%	Manor Woods ES Waverly ES West Friendship ES	32.9% 40.8% 26.4%
<b>Elkridge Landing MS</b>	Elkridge ES New ES #41 Rockburn ES	59.9% 16.9% 23.2%	Elkridge ES Rockburn ES	63.7% 36.3%	<b>Murray Hill MS</b>	Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Hammond ES Laurel Woods ES	5.2% 20.3% 37.1% 0.0% 37.5%	Gorman Crossing ES Laurel Woods ES	49.7% 50.3%
<b>Ellicott Mills MS</b>	Thunder Hill ES Veterans ES Waterloo ES Worthington ES	17.3% 25.9% 22.6% 34.2%	Thunder Hill ES Veterans ES Waterloo ES Worthington ES	18.4% 27.5% 17.9% 36.3%	<b>New MS #20</b>			Bellows Spring ES Deep Run ES Guilford ES New ES #41 Rockburn ES	10.9% 7.7% 17.3% 54.7% 9.3%
<b>Folly Quarter MS</b>	Bushy Park ES Clarksville ES Dayton Oaks ES Triadelphia Ridge ES	16.7% 0.0% 37.7% 45.6%	Bushy Park ES Dayton Oaks ES Triadelphia Ridge ES	16.7% 37.7% 45.6%	<b>Oakland Mills MS</b>	Atholton ES Stevens Forest ES Talbot Springs ES Thunder Hill ES	10.0% 46.6% 33.4% 10.0%	Atholton ES Stevens Forest ES Talbot Springs ES Thunder Hill ES	10.0% 46.6% 33.4% 10.0%
<b>Glenwood MS</b>	Bushy Park ES Lisbon ES	51.9% 48.1%	Bushy Park ES Lisbon ES	51.9% 48.1%	<b>Patapsco MS</b>	Hollifield Station ES St Johns Lane ES Waverly ES	43.2% 36.1% 20.7%	Hollifield Station ES St Johns Lane ES Waverly ES	43.2% 36.1% 20.7%
<b>Hammond MS</b>	Atholton ES Fulton ES Hammond ES	33.5% 32.5% 33.9%	Atholton ES Fulton ES Guilford ES Hammond ES	32.2% 19.1% 0.0% 48.7%	<b>Patuxent Valley MS</b>	Bollman Bridge ES Deep Run ES Forest Ridge ES Guilford ES Hammond ES Rockburn ES	36.6% 5.2% 20.7% 18.4% 12.9% 6.3%	Bollman Bridge ES Forest Ridge ES	49.6% 50.4%
<b>Harpers Choice MS</b>	Clemens Crossing ES Longfellow ES Swansfield ES	9.2% 39.9% 50.9%	Clemens Crossing ES Longfellow ES Swansfield ES	9.2% 39.9% 50.9%	<b>Wilde Lake MS</b>	Bryant Woods ES Clemens Crossing ES Running Brook ES	33.2% 28.6% 38.2%	Bryant Woods ES Clemens Crossing ES Running Brook ES	38.7% 16.7% 44.6%

Assessments of AAC Plan  
(Feeds compared to existing attendance areas)

High School	Before Feeding Schools	Feed	After Feeding Schools	Feed	High School	Before Feeding Schools	Feed	After Feeding Schools	Feed
<a href="#">Atholton HS</a>	Clarksville MS Hammond MS Lime Kiln MS Murray Hill MS Wilde Lake MS	26.1% 15.6% 19.1% 12.1% 27.2%	Clarksville MS Hammond MS Lime Kiln MS Murray Hill MS Wilde Lake MS	33.9% 15.6% 19.1% 12.1% 19.4%	<a href="#">Marriotts Ridge HS</a>	Burleigh Manor MS Mount View MS	15.5% 84.5%	Burleigh Manor MS Mount View MS	15.5% 84.5%
<a href="#">Centennial HS</a>	Burleigh Manor MS Dunloggin MS Ellicott Mills MS	52.5% 19.0% 28.6%	Burleigh Manor MS Dunloggin MS Ellicott Mills MS	52.5% 19.0% 28.6%	<a href="#">Mt Hebron HS</a>	Dunloggin MS Ellicott Mills MS Patapsco MS	17.6% 21.7% 60.7%	Dunloggin MS Ellicott Mills MS Patapsco MS	17.6% 21.7% 60.7%
<a href="#">Glenelg HS</a>	Folly Quarter MS Glenwood MS	33.5% 66.5%	Folly Quarter MS Glenwood MS	33.5% 66.5%	<a href="#">Oakland Mills HS</a>	Lake Elkhorn MS Oakland Mills MS	48.6% 51.4%	Lake Elkhorn MS Oakland Mills MS	48.6% 51.4%
<a href="#">Hammond HS</a>	Hammond MS Lake Elkhorn MS Murray Hill MS Patuxent Valley MS	17.4% 7.6% 1.9% 73.1%	Hammond MS Lake Elkhorn MS New MS #20 Patuxent Valley MS	27.3% 13.2% 15.0% 44.6%	<a href="#">Reservoir HS</a>	Hammond MS Lime Kiln MS Murray Hill MS	22.0% 21.4% 56.6%	Hammond MS Lime Kiln MS Murray Hill MS Patuxent Valley MS	15.6% 27.8% 39.1% 17.5%
<a href="#">Howard HS</a>	Bonnie Branch MS Elkridge Landing MS Ellicott Mills MS Mayfield Woods MS	43.3% 40.5% 15.8% 0.4%	Bonnie Branch MS Elkridge Landing MS Ellicott Mills MS Mayfield Woods MS	39.1% 47.4% 13.1% 0.4%	<a href="#">River Hill HS</a>	Clarksville MS Folly Quarter MS Lime Kiln MS	47.4% 28.0% 24.6%	Clarksville MS Folly Quarter MS Lime Kiln MS	47.4% 28.0% 24.6%
<a href="#">Long Reach HS</a>	Bonnie Branch MS Elkridge Landing MS Mayfield Woods MS	12.7% 18.2% 69.1%	Bonnie Branch MS Elkridge Landing MS Mayfield Woods MS New MS #20	7.8% 7.2% 57.1% 27.9%	<a href="#">Wilde Lake HS</a>	Dunloggin MS Harpers Choice MS Wilde Lake MS	12.4% 57.6% 30.1%	Dunloggin MS Harpers Choice MS Wilde Lake MS	12.4% 57.6% 30.1%