

Assessments of AAC2_B Redistricting Plan

Overall Summary		Current		Aggregate Plan		Assessment Criteria
Balance FARMS %		StdDev	14.79	14.92	NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Balance MSA Reading Pass Rate		StdDev	6.54	6.53	NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Balance MSA Math Pass Rate		StdDev	6.78	6.65	NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Consecutive Years Under 110%		# of Schools Strengthened # of Schools Weakened Mean	NA NA 7.1	10 5 7.6	NEGLIGIBLE	Mean increased by 1.0 or more = Strength; reduced by 1.0 or more = Weakness; otherwise Negligible
Target Utilization Changed Schools 2013		# of Schools Strengthened # of Schools Weakened	NA NA	18 3	STRENGTH	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
Target Utilization Changed Schools 2023		# of Schools Strengthened # of Schools Weakened	NA NA	9 12	WEAKNESS	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
Proximity to School		# of Schools Strengthened # of Schools Weakened Mean	NA NA 7340 (smaller # = closer set of polygons)	8 13 7372	NEGLIGIBLE	Mean reduced by 100 or more = Strength; increased by 100 or more = Weakness; otherwise Negligible
Non-Contiguous Attendance Areas		Number of "Islands"	5	8	WEAKNESS	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Transportation Costs		(Avg Rating = 0.00) (pos=savings; neg=cost)	NA	0.00	NEGLIGIBLE	Mean increased = Strength; mean reduced = Weakness; otherwise Negligible
Students Moved		Number % of Enrollment	NA NA	1703 3.4%	LOW MOVEMENT	% of enrollment greater than 10% = High Movement, 5% to 10% = Moderate Movement, less than 5% = Low Movement
Students moved too soon after last move		Number % of Enrollment	NA NA	0 0.0%	NO MOVEMENT	% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement
Small ES-to-MS Feeds (under 15%)		# of Small Feeds	18	22	WEAKNESS	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Small MS-to-HS Feeds (under 15%)		# of Small Feeds	6	6	NEGLIGIBLE	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Double Small Feeds		# of Double Small Feeds	3	3	NEGLIGIBLE	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Low Utilization (Under 90%) 2012-2023		Per-school Average Years	3.6	3.0	STRENGTH	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible
High Utilization (Over 110%) 2012-2023		Per-school Average Years	4.8	4.3	STRENGTH	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible

Strength Moderate Weakness

Assessments of AAC2_B Redistricting Plan

High School Summary		Current		Aggregate Plan		Assessment Criteria
Balance FARMS %		(HS Average = 15%) StdDev	10.85	10.85 NEGLIGIBLE		Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Balance MSA Reading Pass Rate		(HS Average = 91%) StdDev	5.46	5.46 NEGLIGIBLE		Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Balance MSA Math Pass Rate		(HS Average = 87%) StdDev	7.27	7.27 NEGLIGIBLE		Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Consecutive Years Under 110%		# of Schools Strengthened # of Schools Weakened Mean	NA NA 7.7	0 0 7.7 NEGLIGIBLE		Mean increased by 1.0 or more = Strength; reduced by 1.0 or more = Weakness; otherwise Negligible
Target Utilization Changed Schools 2013		# of Schools Strengthened # of Schools Weakened	NA NA	0 0 NEGLIGIBLE		Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
Target Utilization Changed Schools 2023		# of Schools Strengthened # of Schools Weakened	NA NA	0 0 NEGLIGIBLE		Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
Proximity to School		# of Schools Strengthened # of Schools Weakened Mean (smaller # = closer set of polygons)	NA NA 11852	0 0 11852 NEGLIGIBLE		Mean reduced by 100 or more = Strength; increased by 100 or more = Weakness; otherwise Negligible
Non-Contiguous Attendance Areas		Number of "Islands"	0	0 NEGLIGIBLE		"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Transportation Costs		(HS Avg Rating = 0.00) (pos=savings; neg=cost)	NA	0.00 NEGLIGIBLE		Mean increased = Strength; mean reduced = Weakness; otherwise Negligible
Students Moved		Number % of Enrollment	NA NA	0 0.0% LOW MOVEMENT		% of enrollment greater than 10% = High Movement, 5% to 10% = Moderate Movement, less than 5% = Low Movement
Students moved too soon after last move		Number % of Enrollment	NA NA	0 0.0% NO MOVEMENT		% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement
Small MS-to-HS Feeds (under 15%)		# of Small Feeds	6	6 NEGLIGIBLE		"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Double Small Feeds		# of Double Small Feeds	3	3 NEGLIGIBLE		"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Low Utilization (Under 90%) 2012-2023		Per-school Average Years	3.5	3.5 NEGLIGIBLE		Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible
High Utilization (Over 110%) 2012-2023		Per-school Average Years	4.3	4.3 NEGLIGIBLE		Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible

Strength Moderate Weakness

Assessments of AAC2_B Redistricting Plan

Middle School Summary		Current	Aggregate Plan	Assessment Criteria
Balance FARMS %	(MS Average = 17%) StdDev	13.37	13.37 NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Balance MSA Reading Pass Rate	(MS Average = 94%) StdDev	4.12	4.12 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	5.86 NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Consecutive Years Under 110%	# of Schools Strengthened # of Schools Weakened Mean	NA NA 5.7	0 0 5.7 NEGLIGIBLE	Mean increased by 1.0 or more = Strength; reduced by 1.0 or more = Weakness; otherwise Negligible
Target Utilization Changed Schools 2013	# of Schools Strengthened # of Schools Weakened	NA NA	0 0 NEGLIGIBLE	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
Target Utilization Changed Schools 2023	# of Schools Strengthened # of Schools Weakened	NA NA	0 0 NEGLIGIBLE	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
Proximity to School	# of Schools Strengthened # of Schools Weakened Mean	NA NA 7896 (smaller # = closer set of polygons)	0 0 7896 NEGLIGIBLE	Mean reduced by 100 or more = Strength; increased by 100 or more = Weakness; otherwise Negligible
Non-Contiguous Attendance Areas	Number of "Islands"	1	1 NEGLIGIBLE	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Transportation Costs	(MS Avg Rating = 0.00) (pos=savings; neg=cost)	NA	0.00 NEGLIGIBLE	Mean increased = Strength; mean reduced = Weakness; otherwise Negligible
Students Moved	Number % of Enrollment	NA NA	0 0.0% LOW MOVEMENT	% of enrollment greater than 10% = High Movement, 5% to 10% = Moderate Movement, less than 5% = Low Movement
Students moved too soon after last move	Number % of Enrollment	NA NA	0 0.0% NO MOVEMENT	% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement
Small ES-to-MS Feeds (under 15%)	# of Small Feeds	18	22 WEAKNESS	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Small MS-to-HS Feeds (under 15%)	# of Small Feeds	6	6 NEGLIGIBLE	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Double Small Feeds	# of Double Small Feeds	3	3 NEGLIGIBLE	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Low Utilization (Under 90%) 2012-2023	Per-school Average Years	3.1	3.1 NEGLIGIBLE	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible
High Utilization (Over 110%) 2012-2023	Per-school Average Years	6.2	6.2 NEGLIGIBLE	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible

Strength Moderate Weakness

Assessments of AAC2_B Redistricting Plan

Elementary School Summary		Current	Aggregate Plan	Assessment Criteria
Balance FARMS %	(ES Average = 19%) StdDev 16.24		16.37 NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Balance MSA Reading Pass Rate	(ES Average = 91%) StdDev 7.43		7.37 NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Balance MSA Math Pass Rate	(ES Average = 92%) StdDev 6.64		6.43 NEGLIGIBLE	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
Consecutive Years Under 110%	# of Schools Strengthened # of Schools Weakened Mean 7.6	NA NA 7.6	10 5 8.5 NEGLIGIBLE	Mean increased by 1.0 or more = Strength; reduced by 1.0 or more = Weakness; otherwise Negligible
Target Utilization Changed Schools 2013	# of Schools Strengthened # of Schools Weakened	NA NA	18 3 STRENGTH	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
Target Utilization Changed Schools 2023	# of Schools Strengthened # of Schools Weakened	NA NA	9 12 WEAKNESS	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
Proximity to School	# of Schools Strengthened # of Schools Weakened Mean 5722 (smaller # = closer set of polygons)	NA NA 5722 Number of "Islands" 4	8 13 5819 NEGLIGIBLE 7 WEAKNESS	Mean reduced by 100 or more = Strength; increased by 100 or more = Weakness; otherwise Negligible
Non-Contiguous Attendance Areas	Number of "Islands"	4	7 WEAKNESS	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Transportation Costs	(ES Avg Rating = 0.00) (pos=savings; neg=cost)	NA	0.00 NEGLIGIBLE	Mean increased = Strength; mean reduced = Weakness; otherwise Negligible
Students Moved	Number % of Enrollment	NA NA	1703 7.4% MODERATE MOVEMENT	% of enrollment greater than 10% = High Movement, 5% to 10% = Moderate Movement, less than 5% = Low Movement
Students moved too soon after last move	Number % of Enrollment	NA NA	0 0.0% NO MOVEMENT	% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement
Small ES-to-MS Feeds (under 15%)	# of Small Feeds	18	22 WEAKNESS	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Double Small Feeds	# of Double Small Feeds	3	3 NEGLIGIBLE	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
Low Utilization (Under 90%) 2012-2023	Per-school Average Years	3.9	2.8 STRENGTH	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible
High Utilization (Over 110%) 2012-2023	Per-school Average Years	4.3	3.4 STRENGTH	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible

Strength Moderate Weakness

Assessments of AAC2_B Redistricting Plan

Middle School	Before			After			Middle School	Before			After		
	Feeding Schools	Feed	Feeding Schools	Feed	Feeding Schools	Feed		Feeding Schools	Feed	Feeding Schools	Feed	Feeding Schools	Feed
Bonnie Branch MS	Bellows Spring ES Ilchester ES Jeffers Hill ES Phelps Luck ES Rockburn ES	12.6% 41.4% 2.5% 28.9% 14.5%	Bellows Spring ES Ilchester ES Jeffers Hill ES Phelps Luck ES Rockburn ES	6.3% 41.4% 4.8% 26.7% 20.8%	Lake Elkhorn MS	Cradlerock ES Guilford ES Jeffers Hill ES Talbot Springs ES	51.3% 18.0% 20.1% 10.6%	Cradlerock ES Guilford ES Jeffers Hill ES Talbot Springs ES	51.3% 18.0% 20.1% 10.6%				
Burleigh Manor MS	Centennial Lane ES Manor Woods ES Northfield ES	55.5% 24.8% 19.7%	Centennial Lane ES Manor Woods ES Northfield ES	55.5% 24.8% 19.7%	Lime Kiln MS	Clemens Crossing ES Dayton Oaks ES Fulton ES Pointers Run ES	7.5% 25.6% 25.0% 41.9%	Dayton Oaks ES Fulton ES Pointers Run ES	25.6% 25.0% 49.4%				
Clarksville MS	Clarksville ES Pointers Run ES	52.1% 47.9%	Clarksville ES Pointers Run ES	61.7% 38.3%	Mayfield Woods MS	Bellows Spring ES Deep Run ES Jeffers Hill ES Phelps Luck ES Waterloo ES	32.4% 30.5% 9.4% 4.8% 22.9%	Bellows Spring ES Deep Run ES Jeffers Hill ES New ES #41 Waterloo ES	26.2% 28.1% 9.4% 9.9% 4.8%				
Dunloggin MS	Northfield ES Thunder Hill ES Veterans ES	38.8% 13.1% 48.1%	Northfield ES St Johns Lane ES Thunder Hill ES Veterans ES Waverly ES	38.8% 8.4% 13.1% 27.2% 12.5%	Mount View MS	Manor Woods ES Waverly ES West Friendship ES	32.1% 40.6% 27.3%	Manor Woods ES Waverly ES West Friendship ES	29.5% 40.6% 29.9%				
Elkridge Landing MS	Elkridge ES Rockburn ES	63.3% 36.7%	Elkridge ES New ES #41 Rockburn ES	55.8% 19.3% 24.9%	Murray Hill MS	Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Hammond ES Laurel Woods ES	4.1% 20.5% 35.0% 0.0% 40.4%	Bollman Bridge ES Forest Ridge ES Gorman Crossing ES Hammond ES Laurel Woods ES	4.1% 20.5% 35.0% 0.0% 40.4%				
Ellicott Mills MS	Phelps Luck ES Thunder Hill ES Veterans ES Waterloo ES Worthington ES	13.6% 5.1% 26.0% 23.6% 31.8%	Ilchester ES Phelps Luck ES Thunder Hill ES Veterans ES Worthington ES	5.6% 7.2% 11.4% 26.0% 31.8%		0							
Folly Quarter MS	Bushy Park ES Clarksville ES Dayton Oaks ES Triadelphia Ridge ES	17.3% 0.0% 37.2% 45.5%	Bushy Park ES Clarksville ES Dayton Oaks ES Triadelphia Ridge ES	17.3% 0.0% 37.2% 45.5%	Oakland Mills MS	Atholton ES Stevens Forest ES Talbot Springs ES Thunder Hill ES	10.2% 32.6% 44.0% 13.2%	Atholton ES Stevens Forest ES Talbot Springs ES Thunder Hill ES	10.2% 43.3% 33.3% 13.2%				
Glenwood MS	Bushy Park ES Lisbon ES	52.5% 47.5%	Bushy Park ES Lisbon ES	52.5% 47.5%	Patapsco MS	Hollifield Station ES St Johns Lane ES	47.2% 52.8%	Hollifield Station ES St Johns Lane ES	47.2% 52.8%				
Hammond MS	Atholton ES Fulton ES Hammond ES	30.7% 37.3% 32.0%	Atholton ES Fulton ES Hammond ES	30.7% 37.3% 32.0%	Patuxent Valley MS	Bollman Bridge ES Deep Run ES Forest Ridge ES Guilford ES Hammond ES	36.7% 12.3% 20.7% 18.3% 12.1%	Bollman Bridge ES Deep Run ES Forest Ridge ES Guilford ES Hammond ES	36.7% 4.2% 20.7% 18.3% 5.7%				
Harpers Choice MS	Clemens Crossing ES Longfellow ES Swansfield ES	7.7% 37.4% 54.9%	Clemens Crossing ES Longfellow ES Swansfield ES	13.5% 37.4% 49.1%	Wilde Lake MS	Bryant Woods ES Clemens Crossing ES Running Brook ES	32.4% 31.1% 36.6%	Bryant Woods ES Clemens Crossing ES Running Brook ES	32.4% 31.1% 36.6%				

Assessments of AAC2_B Redistricting Plan

High School	Before Feeding Schools		After Feeding Schools		High School	Before Feeding Schools		After Feeding Schools	
	Feed	Feed	Feed	Feed		Feed	Feed	Feed	Feed
Atholton HS	Clarksville MS Hammond MS Lime Kiln MS Murray Hill MS Wilde Lake MS	26.5% 15.8% 20.0% 10.2% 27.5%	Clarksville MS Hammond MS Lime Kiln MS Murray Hill MS Wilde Lake MS	26.5% 15.8% 20.0% 10.2% 27.5%	Marriotts Ridge HS	Burleigh Manor MS Mount View MS	16.1% 83.9%	Burleigh Manor MS Mount View MS	16.1% 83.9%
Centennial HS	Burleigh Manor MS Dunloggin MS Ellicott Mills MS	51.7% 21.3% 27.1%	Burleigh Manor MS Dunloggin MS Ellicott Mills MS	51.7% 21.3% 27.1%	Mt Hebron HS	Dunloggin MS Ellicott Mills MS Patapsco MS	18.2% 20.7% 61.1%	Dunloggin MS Ellicott Mills MS Patapsco MS	18.2% 20.7% 61.1%
Glenelg HS	Folly Quarter MS Glenwood MS	32.9% 67.1%	Folly Quarter MS Glenwood MS	32.9% 67.1%	Oakland Mills HS	Lake Elkhorn MS Oakland Mills MS	48.7% 51.3%	Lake Elkhorn MS Oakland Mills MS	48.7% 51.3%
Hammond HS	Hammond MS Lake Elkhorn MS Murray Hill MS Patuxent Valley MS	17.5% 6.3% 1.6% 74.6%	Hammond MS Lake Elkhorn MS Murray Hill MS Patuxent Valley MS	17.5% 6.3% 1.6% 74.6%	Reservoir HS	Hammond MS Lime Kiln MS Murray Hill MS	23.7% 19.9% 56.4%	Hammond MS Lime Kiln MS Murray Hill MS	23.7% 19.9% 56.4%
Howard HS	Bonnie Branch MS Elkridge Landing MS Ellicott Mills MS Mayfield Woods MS	43.5% 38.0% 17.8% 0.7%	Bonnie Branch MS Elkridge Landing MS Ellicott Mills MS Mayfield Woods MS	43.5% 38.0% 17.8% 0.7%	River Hill HS	Clarksville MS Folly Quarter MS Lime Kiln MS	47.5% 27.4% 25.1%	Clarksville MS Folly Quarter MS Lime Kiln MS	47.5% 27.4% 25.1%
Long Reach HS	Bonnie Branch MS Elkridge Landing MS Mayfield Woods MS	12.5% 19.2% 68.2%	Bonnie Branch MS Elkridge Landing MS Mayfield Woods MS	12.5% 19.2% 68.2%	Wilde Lake HS	Dunloggin MS Harpers Choice MS Wilde Lake MS	11.1% 58.4% 30.5%	Dunloggin MS Harpers Choice MS Wilde Lake MS	11.1% 58.4% 30.5%