

# Assessments of Aggregate Multi-year Redistricting Plan

Overall Summary		Current	Aggregate Plan	Assessment Criteria
Balance FARMS %		Per-school Average StdDev	18.1% 14.79	18.2% 15.08 <b>NEGLIGIBLE</b>
Balance MSA Reading Pass Rate		Per-school Average StdDev	93.0% 4.63	91.7% 11.73 <b>WEAKNESS</b>
Balance MSA Math Pass Rate		Per-school Average StdDev	91.2% 7.29	90.0% 12.82 <b>WEAKNESS</b>
Consecutive Years Under 110%		# of Schools Strengthened # of Schools Weakened Mean	NA NA 7.3	11 8 7.9 <b>NEGLIGIBLE</b>
Target Utilization Changed Schools 2013		# of Schools Strengthened # of Schools Weakened	NA NA	16 7 <b>STRENGTH</b>
Target Utilization Changed Schools 2023		# of Schools Strengthened # of Schools Weakened	NA NA	11 12 <b>WEAKNESS</b>
Proximity to School		# of Schools Strengthened # of Schools Weakened Mean	NA NA 7340 (smaller # = closer set of polygons)	9 13 7197 <b>STRENGTH</b>
Non-Contiguous Attendance Areas		Number of "Islands"	5	4 <b>STRENGTH</b>
Transportation Costs		(Avg Rating = 0.00) (pos=savings; neg=cost)	NA	0.00 <b>NEGLIGIBLE</b>
Students Moved		Number % of Enrollment	NA NA	2598 5.2% <b>MODERATE MOVEMENT</b>
Students moved too soon after last move		Number % of Enrollment	NA NA	0 0.0% <b>NO MOVEMENT</b>
Small ES-to-MS Feeds (under 15%)		# of Small Feeds	18	21 <b>WEAKNESS</b>
Small MS-to-HS Feeds (under 15%)		# of Small Feeds	6	6 <b>NEGLIGIBLE</b>
Double Small Feeds		# of Double Small Feeds	3	2 <b>STRENGTH</b>
Low Utilization (Under 90%) 2012-2023		Per-school Average Years	3.8	3.1 <b>STRENGTH</b>
High Utilization (Over 110%) 2012-2023		Per-school Average Years	4.6	4.1 <b>STRENGTH</b>

Strength      Moderate      Weakness

# Assessments of Aggregate Multi-year Redistricting Plan

High School Summary		Current	Aggregate Plan	Assessment Criteria
<b>Balance FARMS %</b>		(HS Average = 15%) StdDev <b>10.85</b>	<b>15.2%</b> 10.85 <b>NEGLIGIBLE</b>	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
<b>Balance MSA Reading Pass Rate</b>		(HS Average = 93%) StdDev <b>4.58</b>	<b>92.8%</b> 4.58 <b>NEGLIGIBLE</b>	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
<b>Balance MSA Math Pass Rate</b>		(HS Average = 85%) StdDev <b>9.31</b>	<b>84.6%</b> 9.31 <b>NEGLIGIBLE</b>	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
<b>Consecutive Years Under 110%</b>		# of Schools Strengthened # of Schools Weakened Mean <b>7.7</b>	<b>NA</b> <b>NA</b> <b>7.7</b> <b>NEGLIGIBLE</b>	Mean increased by 1.0 or more = Strength; reduced by 1.0 or more = Weakness; otherwise Negligible
<b>Target Utilization Changed Schools 2013</b>		# of Schools Strengthened # of Schools Weakened	<b>NA</b> <b>NA</b> <b>NEGLIGIBLE</b>	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
<b>Target Utilization Changed Schools 2023</b>		# of Schools Strengthened # of Schools Weakened	<b>NA</b> <b>NA</b> <b>NEGLIGIBLE</b>	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
<b>Proximity to School</b>		# of Schools Strengthened # of Schools Weakened Mean <b>11852</b> (smaller # = closer set of polygons)	<b>NA</b> <b>NA</b> <b>11852</b> <b>NEGLIGIBLE</b>	Mean reduced by 100 or more = Strength; increased by 100 or more = Weakness; otherwise Negligible
<b>Non-Contiguous Attendance Areas</b>		Number of "Islands" <b>0</b>	<b>0</b> <b>NEGLIGIBLE</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Transportation Costs</b>		(HS Avg Rating = 0.00) (pos=savings; neg=cost)	<b>NA</b> <b>NEGLIGIBLE</b>	Mean increased = Strength; mean reduced = Weakness; otherwise Negligible
<b>Students Moved</b>		Number % of Enrollment <b>NA</b> <b>NA</b>	<b>0</b> 0.0% <b>LOW MOVEMENT</b>	% of enrollment greater than 10% = High Movement, 5% to 10% = Moderate Movement, less than 5% = Low Movement
<b>Students moved too soon after last move</b>		Number % of Enrollment <b>NA</b> <b>NA</b>	<b>0</b> 0.0% <b>NO MOVEMENT</b>	% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement
<b>Small MS-to-HS Feeds (under 15%)</b>		# of Small Feeds <b>6</b>	<b>6</b> <b>NEGLIGIBLE</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Double Small Feeds</b>		# of Double Small Feeds <b>3</b>	<b>2</b> <b>STRENGTH</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Low Utilization (Under 90%) 2012-2023</b>		Per-school Average Years <b>3.5</b>	<b>3.5</b> <b>NEGLIGIBLE</b>	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible
<b>High Utilization (Over 110%) 2012-2023</b>		Per-school Average Years <b>4.3</b>	<b>4.3</b> <b>NEGLIGIBLE</b>	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible

Strength      Moderate      Weakness

# Assessments of Aggregate Multi-year Redistricting Plan

Middle School Summary		Current	Aggregate Plan	Assessment Criteria
<b>Balance FARMS %</b>		(MS Average = 17%) StdDev <b>13.37</b>	<b>17.4%</b> 13.57 <b>NEGLIGIBLE</b>	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
<b>Balance MSA Reading Pass Rate</b>		(MS Average = 93%) StdDev <b>4.17</b>	<b>93.3%</b> 20.73 <b>WEAKNESS</b>	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
<b>Balance MSA Math Pass Rate</b>		(MS Average = 90%) StdDev <b>7.33</b>	<b>89.6%</b> 20.80 <b>WEAKNESS</b>	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
<b>Consecutive Years Under 110%</b>	# of Schools Strengthened # of Schools Weakened Mean	<b>NA</b> <b>NA</b> <b>6.3</b>	<b>1</b> 0 6.6 <b>NEGLIGIBLE</b>	Mean increased by 1.0 or more = Strength; reduced by 1.0 or more = Weakness; otherwise Negligible
<b>Target Utilization Changed Schools 2013</b>	# of Schools Strengthened # of Schools Weakened	<b>NA</b> <b>NA</b>	0 0 <b>NEGLIGIBLE</b>	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
<b>Target Utilization Changed Schools 2023</b>	# of Schools Strengthened # of Schools Weakened	<b>NA</b> <b>NA</b>	0 0 <b>NEGLIGIBLE</b>	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
<b>Proximity to School</b>	# of Schools Strengthened # of Schools Weakened Mean	<b>NA</b> <b>NA</b> <b>7896</b> (smaller # = closer set of polygons)	0 0 7501 <b>STRENGTH</b>	Mean reduced by 100 or more = Strength; increased by 100 or more = Weakness; otherwise Negligible
<b>Non-Contiguous Attendance Areas</b>	Number of "Islands"	<b>1</b>	<b>1</b> <b>NEGLIGIBLE</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Transportation Costs</b>	(MS Avg Rating = 0.00) (pos=savings; neg=cost)	<b>NA</b>	0.00 <b>NEGLIGIBLE</b>	Mean increased = Strength; mean reduced = Weakness; otherwise Negligible
<b>Students Moved</b>	Number % of Enrollment	<b>NA</b> <b>NA</b>	0 0.0% <b>LOW MOVEMENT</b>	% of enrollment greater than 10% = High Movement, 5% to 10% = Moderate Movement, less than 5% = Low Movement
<b>Students moved too soon after last move</b>	Number % of Enrollment	<b>NA</b> <b>NA</b>	0 0.0% <b>NO MOVEMENT</b>	% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement
<b>Small ES-to-MS Feeds (under 15%)</b>	# of Small Feeds	<b>18</b>	<b>21</b> <b>WEAKNESS</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Small MS-to-HS Feeds (under 15%)</b>	# of Small Feeds	<b>6</b>	<b>6</b> <b>NEGLIGIBLE</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Double Small Feeds</b>	# of Double Small Feeds	<b>3</b>	<b>3</b> <b>NEGLIGIBLE</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Low Utilization (Under 90%) 2012-2023</b>	Per-school Average Years	<b>3.7</b>	<b>4.3</b> <b>WEAKNESS</b>	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible
<b>High Utilization (Over 110%) 2012-2023</b>	Per-school Average Years	<b>5.6</b>	<b>5.6</b> <b>NEGLIGIBLE</b>	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible

Strength

Moderate

Weakness

# Assessments of Aggregate Multi-year Redistricting Plan

Elementary School Summary		Current	Aggregate Plan	Assessment Criteria
<b>Balance FARMS %</b>		(ES Average = 19%) StdDev 16.24  <b>19.4%</b>	20.0% 16.54 <b>NEGLIGIBLE</b>	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
<b>Balance MSA Reading Pass Rate</b>		(ES Average = 93%) StdDev 4.83  <b>93.0%</b>	92.9% 4.79 <b>NEGLIGIBLE</b>	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
<b>Balance MSA Math Pass Rate</b>		(ES Average = 94%) StdDev 4.56  <b>94.0%</b>	93.9% 4.59 <b>NEGLIGIBLE</b>	Standard Deviation reduced by 25% or more = Strength; increased by 25% or more = Weakness; otherwise Negligible
<b>Consecutive Years Under 110%</b>		# of Schools Strengthened # of Schools Weakened Mean  <b>NA</b> <b>NA</b> <b>7.6</b>	10 8 8.5  <b>NEGLIGIBLE</b>	Mean increased by 1.0 or more = Strength; reduced by 1.0 or more = Weakness; otherwise Negligible
<b>Target Utilization Changed Schools 2013</b>		# of Schools Strengthened # of Schools Weakened  <b>NA</b> <b>NA</b>	16 7  <b>STRENGTH</b>	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
<b>Target Utilization Changed Schools 2023</b>		# of Schools Strengthened # of Schools Weakened  <b>NA</b> <b>NA</b>	11 12  <b>WEAKNESS</b>	Changes result in schools 90-110% = Strength; Changes result in schools outside of 90-110% = Weakness; otherwise Negligible
<b>Proximity to School</b>		# of Schools Strengthened # of Schools Weakened Mean (smaller # = closer set of polygons)  <b>NA</b> <b>NA</b> <b>5722</b> <b>NEGLIGIBLE</b>	9 13 5686  <b>NEGLIGIBLE</b>	Mean reduced by 100 or more = Strength; increased by 100 or more = Weakness; otherwise Negligible
<b>Non-Contiguous Attendance Areas</b>		Number of "Islands"  <b>4</b>	3  <b>STRENGTH</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Transportation Costs</b>		(ES Avg Rating = 0.00) (pos=savings; neg=cost)  <b>NA</b>	0.00  <b>NEGLIGIBLE</b>	Mean increased = Strength; mean reduced = Weakness; otherwise Negligible
<b>Students Moved</b>		Number % of Enrollment  <b>NA</b> <b>NA</b>	2598 11.3%  <b>HIGH MOVEMENT</b>	% of enrollment greater than 10% = High Movement, 5% to 10% = Moderate Movement, less than 5% = Low Movement
<b>Students moved too soon after last move</b>		Number % of Enrollment  <b>NA</b> <b>NA</b>	0 0.0%  <b>NO MOVEMENT</b>	% of enrollment greater than 3% = High Movement, greater than 0% to 3% = Moderate Movement, 0% = No Movement
<b>Small ES-to-MS Feeds (under 15%)</b>		# of Small Feeds  <b>18</b>	21  <b>WEAKNESS</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Double Small Feeds</b>		# of Double Small Feeds  <b>3</b>	2  <b>STRENGTH</b>	"After" count lower than "Before" = Strength; "After" higher = Weakness; otherwise Negligible
<b>Low Utilization (Under 90%) 2012-2023</b>		Per-school Average Years  <b>3.9</b>	2.4  <b>STRENGTH</b>	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible
<b>High Utilization (Over 110%) 2012-2023</b>		Per-school Average Years  <b>4.3</b>	3.3  <b>STRENGTH</b>	Mean reduced by 0.1 or more = Strength; increased by 0.1 or more = Weakness; otherwise Negligible

Strength

Moderate

Weakness











## Assessments of Aggregate Multi-year Redistricting Plan

Middle School	Before		After		Middle School	Before		After	
	Feeding Schools	Feed	Feeding Schools	Feed		Feeding Schools	Feed	Feeding Schools	Feed
<b>Bonnie Branch MS</b>	Bellows Spring ES Ilchester ES Jeffers Hill ES Phelps Luck ES Rockburn ES	12.6% 41.4% 2.5% 28.9% 14.5%	Ilchester ES Jeffers Hill ES Phelps Luck ES Rockburn ES Waterloo ES	41.4% 4.8% 26.7% 20.8% 6.3%	<b>Lake Elkhorn MS</b>	Cradlerock ES Guilford ES Jeffers Hill ES Talbott Springs ES	51.3% 18.0% 20.1% 10.6%	Cradlerock ES Guilford ES Jeffers Hill ES Talbott Springs ES	51.3% 18.0% 20.1% 10.6%
<b>Burleigh Manor MS</b>	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%	<b>Lime Kiln MS</b>	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%
<b>Clarksville MS</b>	Clarksville ES Pointers Run ES	52.1% 47.9%	Clarksville ES Pointers Run ES	52.1% 47.9%	<b>Mayfield Woods MS</b>	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 Phelps Luck ES Waterloo ES	39.2% 14.2% 11.3% 9.9% 4.8% 20.6%
<b>Dunloggin MS</b>	Northfield ES Thunder Hill ES Veterans ES	38.8% 13.1% 48.1%	Hollifield Station ES Northfield ES St Johns Lane ES Thunder Hill ES Veterans ES	3.6% 44.0% 22.5% 7.9% 22.0%	<b>Mount View MS</b>	Manor Woods ES Waverly ES West Friendship ES	32.1% 40.6% 27.3%	Manor Woods ES Waverly ES West Friendship ES	29.5% 40.0% 30.5%
<b>Elkridge Landing MS</b>	Elkridge ES Rockburn ES	63.3% 36.7%	Elkridge ES New ES #41 Rockburn ES	52.2% 22.9% 24.9%	<b>Murray Hill MS</b>	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%
<b>Ellicott Mills MS</b>	Phelps Luck ES Thunder Hill ES Veterans ES Waterloo ES Worthington ES	13.6% 5.1% 26.0% 23.6% 31.8%	Ilchester ES Northfield ES Phelps Luck ES Thunder Hill ES Veterans ES Waterloo ES Worthington ES	1.3% 3.2% 7.2% 19.2% 32.9% 4.4% 31.8%	<b>New Middle School #20</b>				
<b>Folly Quarter MS</b>	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%	<b>Oakland Mills MS</b>	Atholton ES Stevens Forest ES Talbott Springs ES Thunder Hill ES	10.2% 32.6% 44.0% 13.2%	Atholton ES Stevens Forest ES Talbott Springs ES Thunder Hill ES	10.2% 43.3% 33.3% 13.2%
<b>Glenwood MS</b>	Bushy Park ES Lisbon ES	52.5% 47.5%	Bushy Park ES Lisbon ES	52.5% 47.5%	<b>Patapsco MS</b>	Hollifield Station ES St Johns Lane ES	47.2% 52.8%	Hollifield Station ES St Johns Lane ES Waverly ES	47.2% 25.7% 27.1%
<b>Hammond MS</b>	Atholton ES Fulton ES Hammond ES	30.7% 37.3% 32.0%	Atholton ES Fulton ES Hammond ES	30.7% 37.3% 32.0%	<b>Patuxent Valley MS</b>	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% 12.3% 20.7% 18.3% 12.1%
<b>Harpers Choice MS</b>	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%	<b>Wilde Lake MS</b>	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%

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High School	Before		After		High School	Before		After	
	Feeding Schools	Feed	Feeding Schools	Feed		Feeding Schools	Feed	Feeding Schools	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%	Marriots 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%