

Fall 2023-2024 NWEA MAP Data

Butler School District

NWEA DEFINITIONS

Growth vs. Attainment

Percentile vs. Percentage

Growth = Measured by calculating the student's difference in scores between two points in time (Post-Test Score *MINUS* Pre-Test Score = Amount of Growth). It helps determine how much a student improved in a certain period of time.

Attainment = Student's achievement score measured from one point in time. It does not take into account any previous scores.

Percentile (%tile)= Describes a relative performance measure (it is a RANKING) in comparison with the sample. *Example: 70th Growth Percentile (School's growth is as good or better than 70% of schools nationally).* This number should never be divided, averaged, multiplied, etc.

Percentage (%)= Describes an absolute measure of how many (i.e. students) meet certain criteria. *Example: 70% of students met or exceeded their growth target (70 out of 100 students met or exceeded their growth target).*

NWEA DEFINITIONS

% Met Growth Target vs. % of Growth Target Met

Percent Met Growth Target

The percentage of students that Met or Exceeded their Growth Target RIT score on the Test.

Percent of Growth Target Met

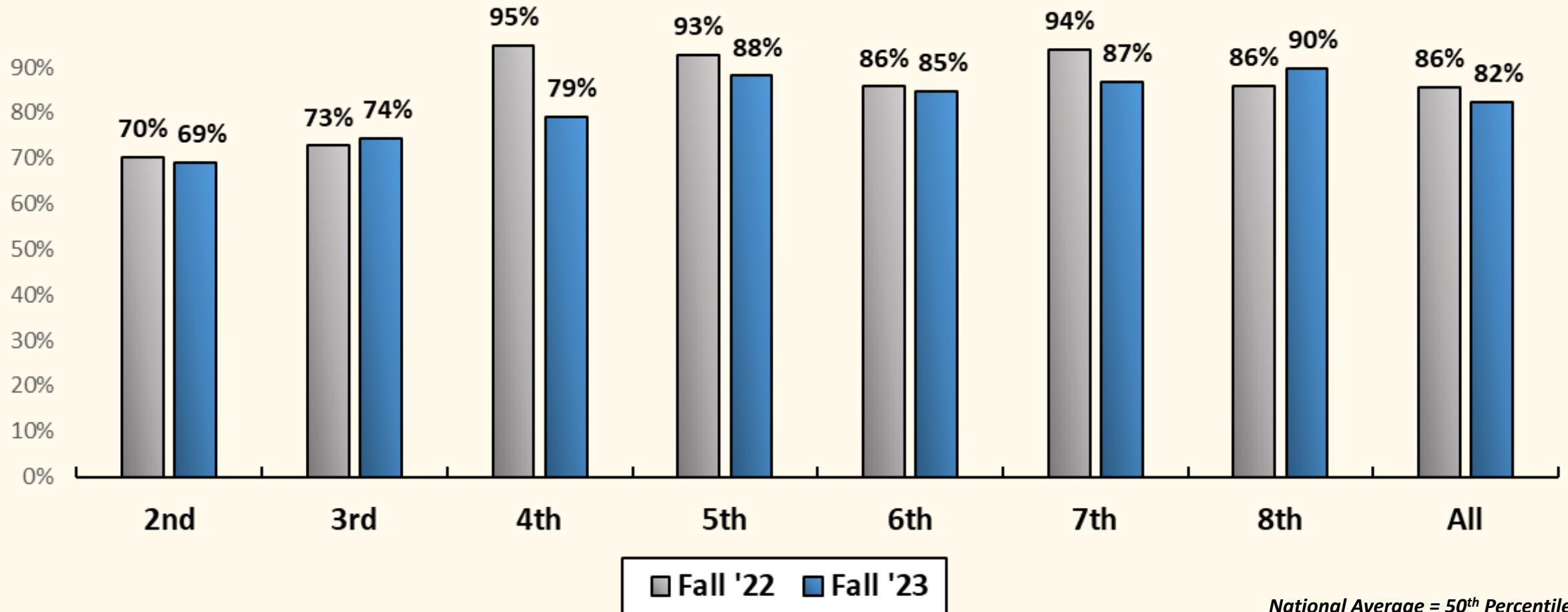
The percentage of the Target RIT Score met based on actual RIT Growth. It is calculated by dividing the students' actual RIT growth by their RIT Growth Target (Projected) Score. It indicates the **degree** of growth a student or student group had.

EXAMPLE: If a student "grew" 9 RIT points and the student's Growth Target Score was 6 RIT points, you would calculate $9/6=150\%$ of Growth Target Met.

Therefore, any percentage above 100% indicates growth targets/projections have been exceeded. A percentage exactly at 100% indicates growth target/projection was met exactly. Any percentage under 100% indicates growth targets/projections were not met. (see key to the right)

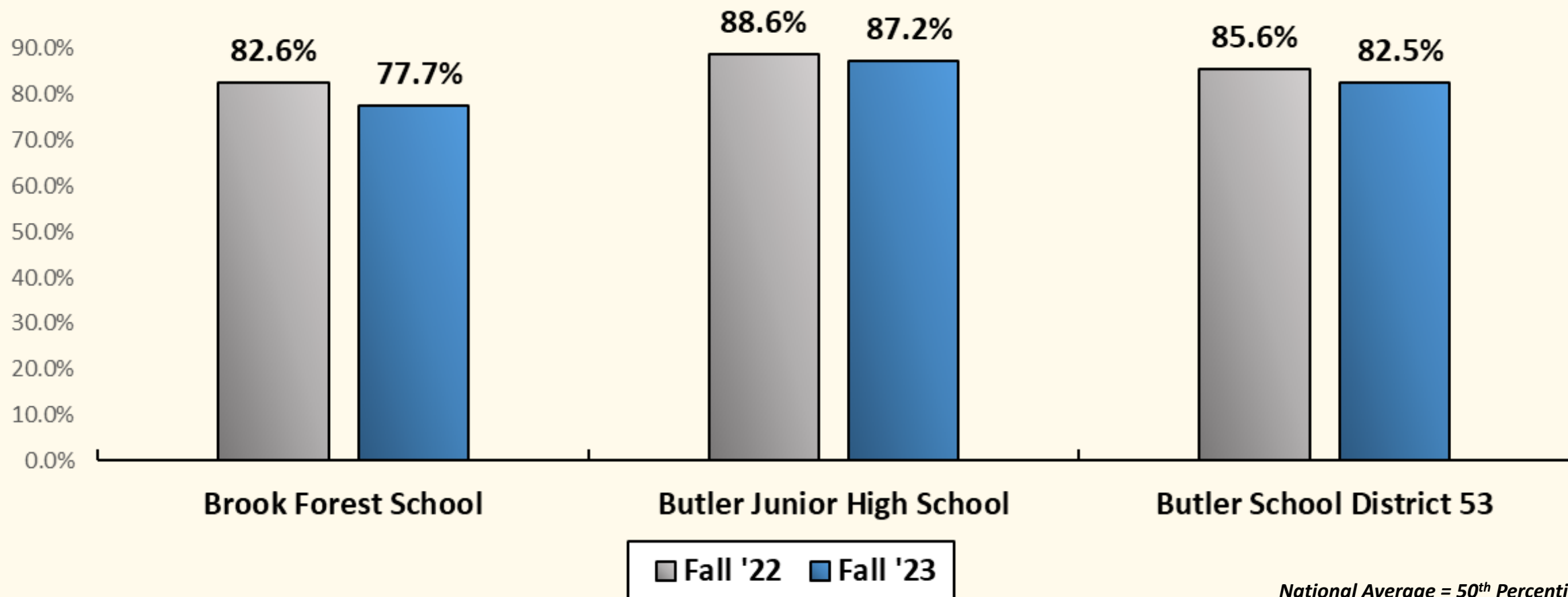
% of Growth Target Met Color Key (approx.)	
130%+	Well Above Average Growth
110% to 129%	Above Average Growth
95% to 109%	Average Growth
75% to 94%	Below Average Growth
Below 75%	Well Below Average Growth

Reading Attainment - % At/Above National Average



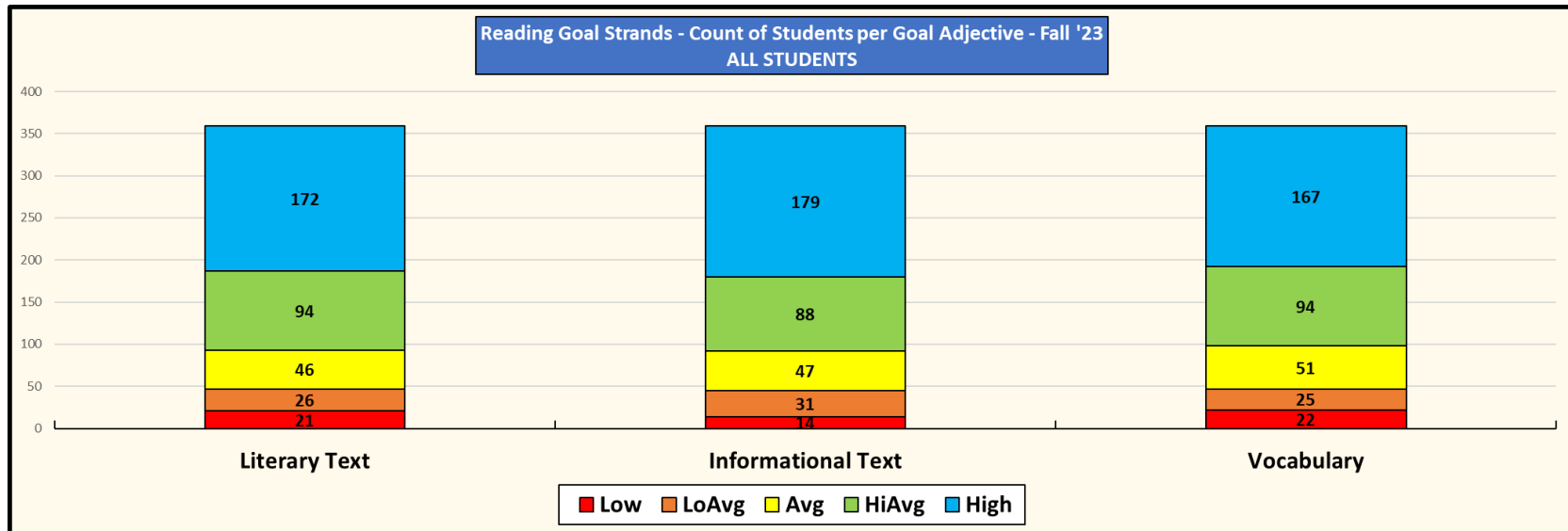
# of Students Tested - Reading								
Year	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade	Overall
Fall '22	47	44	38	55	49	65	71	369
Fall '23	42	47	48	42	59	53	68	359

Reading Attainment - % At/Above National Average

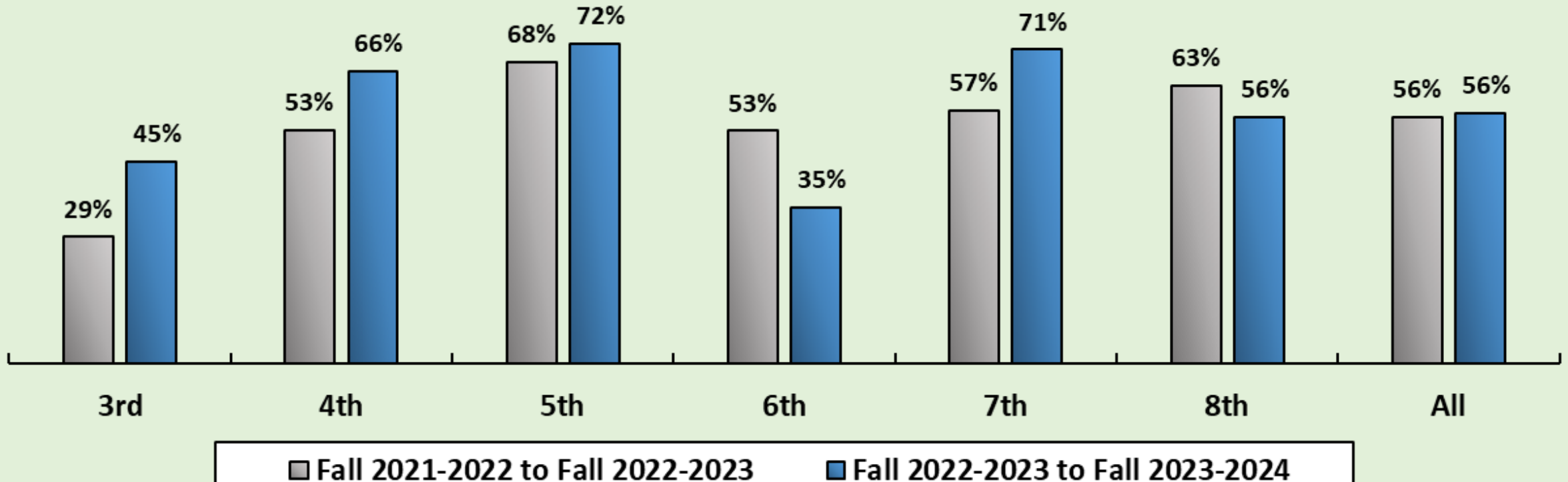


# of Students Tested - Reading			
Year	Brook Forest School	Butler Junior High School	Butler School District 53
Fall '22	184	185	369
Fall '23	179	180	359

Fall 2022-2023 to Fall 2023-2024	READING GOAL STRANDS BY GRADE - Avg RIT Score					
	Literary Text	Literary Text	Informational Text	Informational Text	Vocabulary	Vocabulary
Grade Level	Fall '22	Fall '23	Fall '22	Fall '23	Fall '22	Fall '23
2nd Grade	183.1	188.5	180.9	185.2	182.0	183.8
3rd Grade	197.0	195.8	195.3	197.7	199.1	195.1
4th Grade	215.2	208.6	214.8	207.3	214.9	206.6
5th Grade	222.0	220.8	221.3	219.3	220.6	217.0
6th Grade	223.1	221.0	224.2	223.5	225.1	224.0
7th Grade	228.5	228.3	230.5	230.6	228.6	228.6
8th Grade	232.8	231.7	235.1	231.3	232.3	231.4
Overall	216.7	215.3	217.0	215.5	216.8	214.5

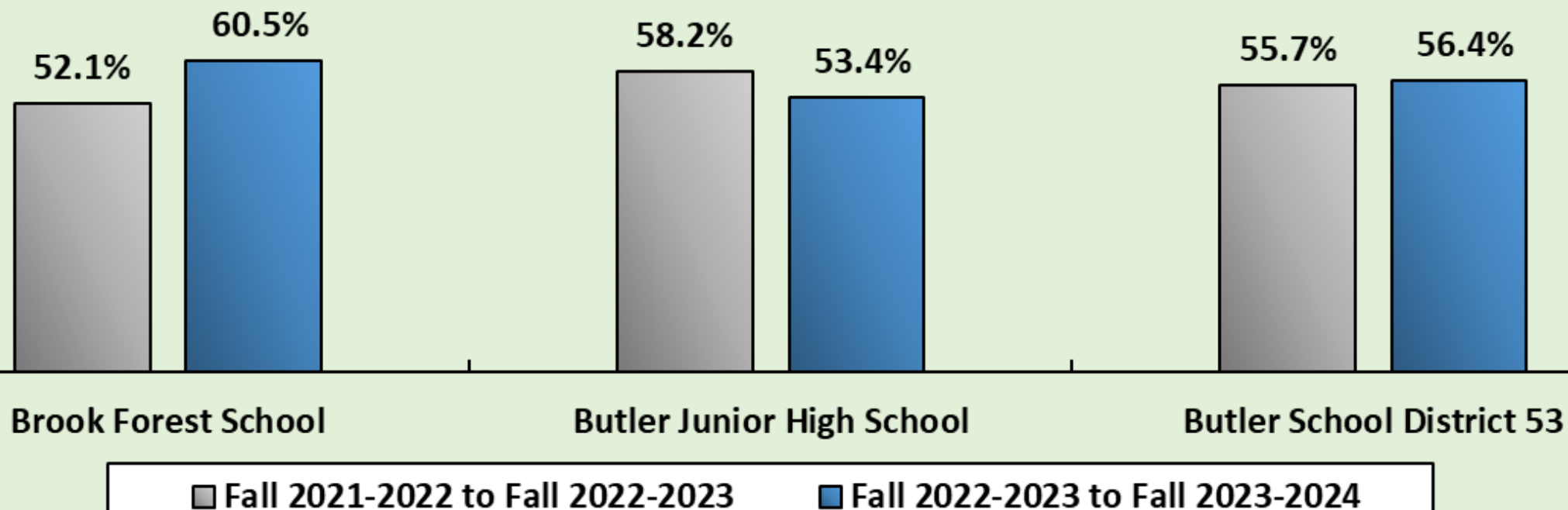


Reading Growth - % Met Growth Target



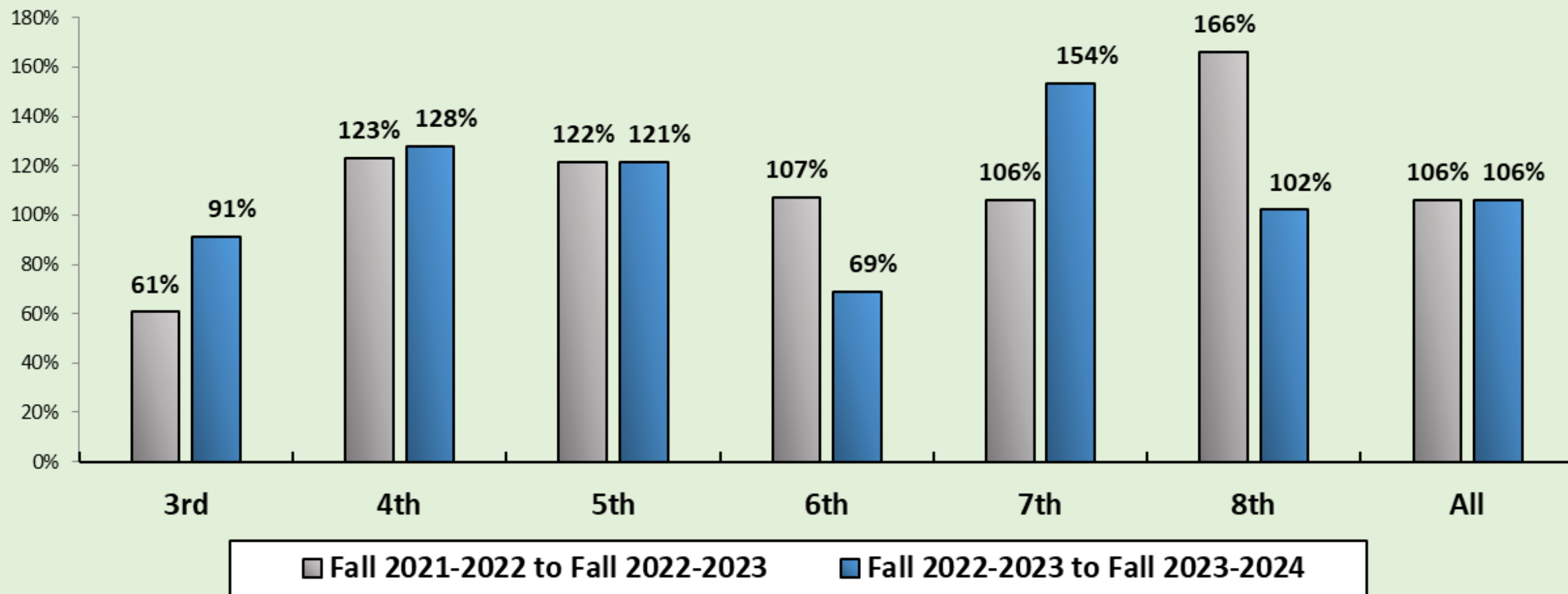
# of Students Pre & Post Tested - Reading							
Year	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade	Overall
Fall '22	35	36	50	40	63	67	291
Fall '23	44	44	36	54	48	61	287

Reading Growth - % Met Growth Target



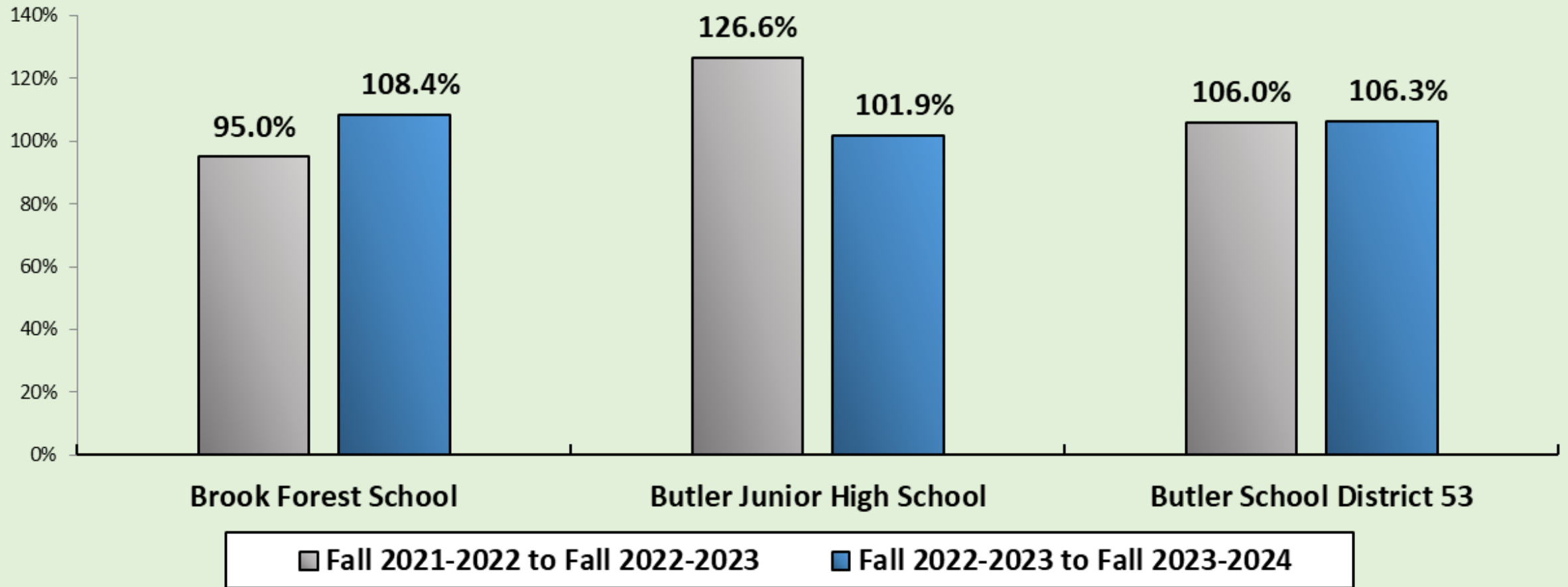
# of Students Pre & Post Tested - Reading			
Year	Brook Forest School	Butler Junior High School	Butler School District 53
Fall '22	121	170	291
Fall '23	124	163	287

Reading Growth - % of Growth Target Met



% of Growth Target Met Key	
130%+	Well Above Average Growth
110% to 129%	Above Average Growth
95% to 109%	Average Growth
75% to 94%	Below Average Growth
Below 75%	Well Below Average Growth

Reading Growth - % of Growth Target Met



% of Growth Target Met Key	
130%+	Well Above Average Growth
110% to 129%	Above Average Growth
95% to 109%	Average Growth
75% to 94%	Below Average Growth
Below 75%	Well Below Average Growth

Fall 2022-2023 to Fall 2023-2024	READING ATTAINMENT & GROWTH - ALL STUDENTS (2020 Norms)						READING GROWTH - By Group (2020 Norms)							
	Reading Growth - ALL						Asian		White		Male		Female	
Grade Level	# Pre & Post Tested	Average Pre-Score RIT	Average Post-Score RIT	Average RIT Gain	% Met Growth Target	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met
3rd Grade	44	182.6	196.2	13.6	45.5%	91.2%	25	93.3%	11	113.7%	26	84.8%	18	100.4%
4th Grade	44	197.0	209.3	12.3	65.9%	128.1%	16	115.0%	17	149.4%	28	123.4%	16	136.1%
5th Grade	36	214.4	222.3	7.9	72.2%	121.5%	17	127.4%	16	99.1%	19	122.0%	17	120.8%
6th Grade	54	221.3	224.7	3.4	35.2%	68.9%	25	58.8%	25	72.9%	31	67.5%	23	70.7%
7th Grade	48	223.9	229.3	5.4	70.8%	153.5%	29	127.6%	14	163.6%	23	157.8%	25	149.4%
8th Grade	61	229.3	232.4	3.1	55.7%	102.2%	30	93.0%	30	109.3%	35	103.7%	26	100.0%
Overall	287	212.9	220.1	7.2	56.4%	106.3%	142	99.9%	113	115.8%	162	103.1%	125	110.8%

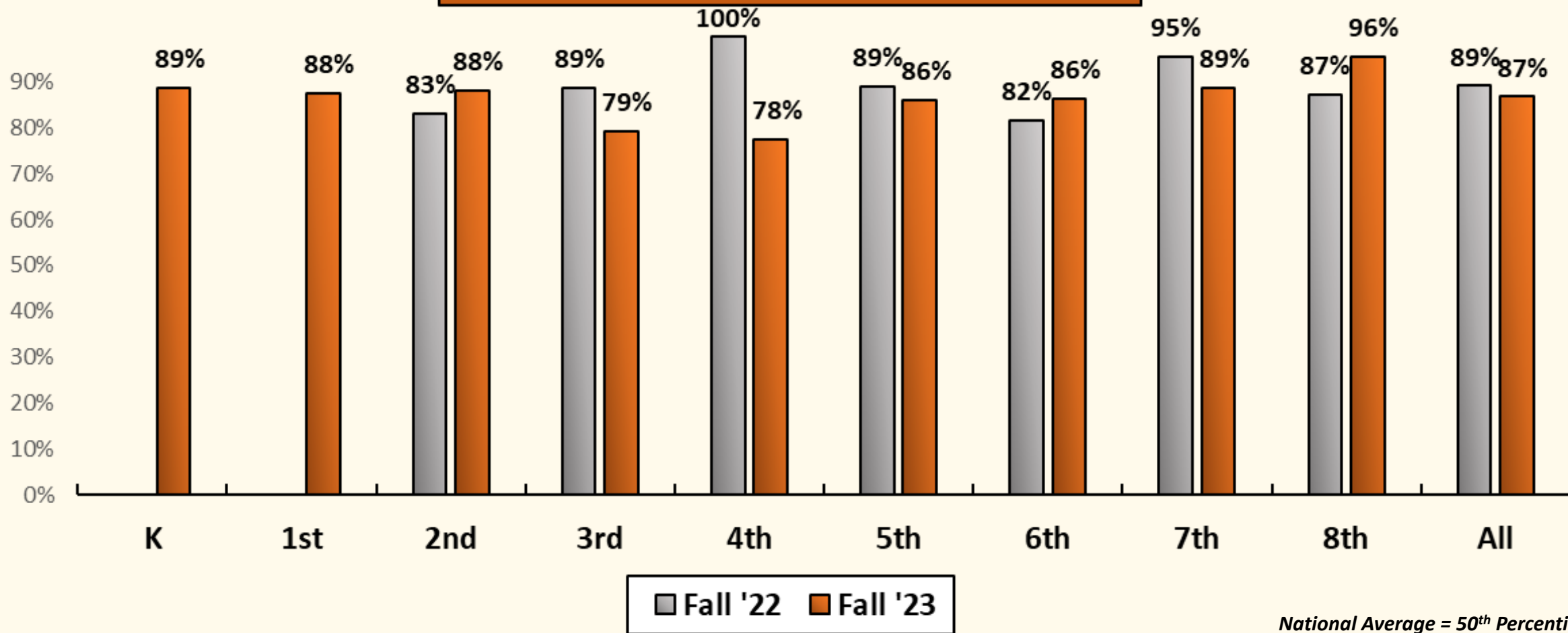
% Met Growth Target Key
70%+
60% to 69%
50% to 59%
40% to 49%
Below 40%

% of Growth Target Met Color Key	
130%+	Well Above Average Growth
110% to 129%	Above Average Growth
95% to 109%	Average Growth
75% to 94%	Below Average Growth
Below 75%	Well Below Average Growth

Fall 2022-2023 to Fall 2023-2024	READING - Growth by Attainment Level											
Fall '22 Attainment Range:	Less than 10th		10th-39th		40th-69th		70th-89th		90th+		ALL STUDENTS	
Grade Level	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met
2ND GRADE												
3RD GRADE	<5	135.7%	11	114.9%	6	122.5%	10	81.3%	16	68.9%	44	91.2%
4TH GRADE	<5	187.5%	<5	153.5%	10	126.0%	15	137.1%	13	96.5%	44	128.1%
5TH GRADE			<5	175.0%	6	104.7%	10	101.5%	18	132.7%	36	121.5%
6TH GRADE			<5	138.9%	7	70.7%	25	76.0%	19	42.2%	54	68.9%
7TH GRADE	<5	206.7%	<5	177.3%	8	242.4%	16	143.6%	18	71.1%	48	153.5%
8TH GRADE			<5	100.0%	12	118.8%	26	121.3%	21	55.1%	61	102.2%
Overall	5	179.2%	26	131.3%	49	126.0%	102	106.0%	105	80.0%	287	106.3%

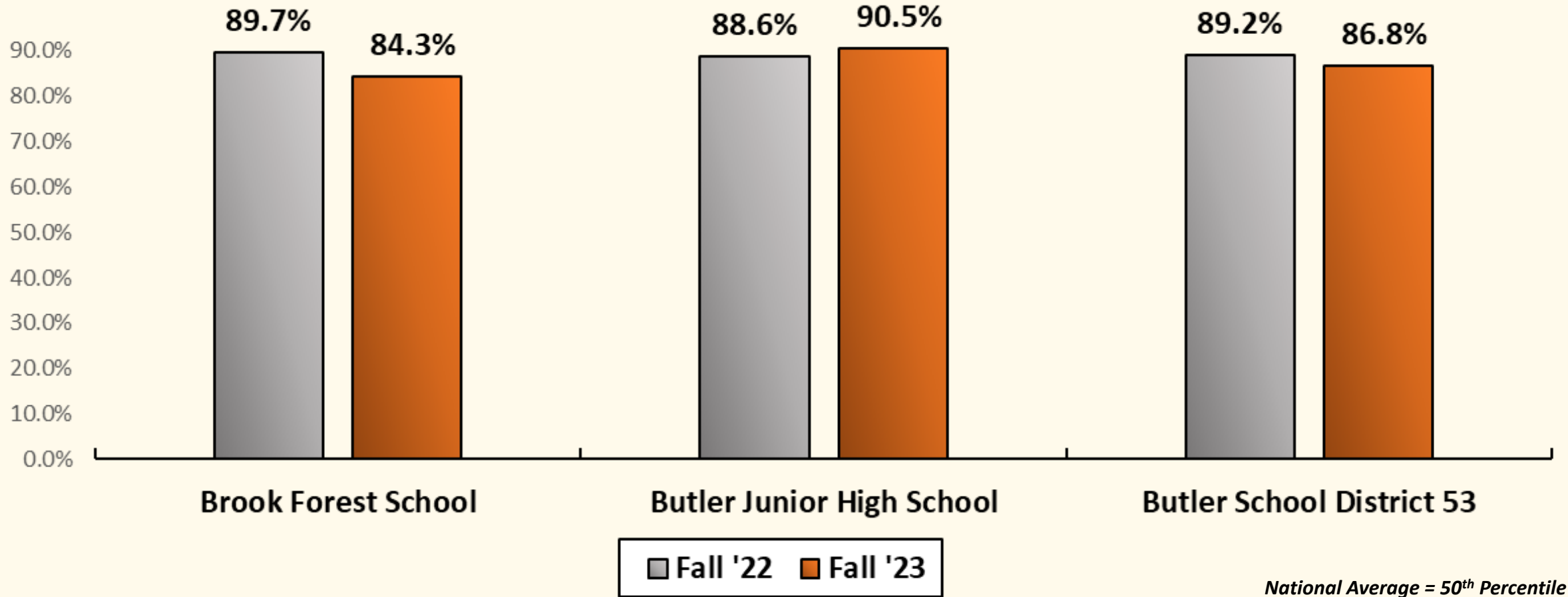
% of Growth Target Met Color Key	
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Math Attainment - % At/Above National Average



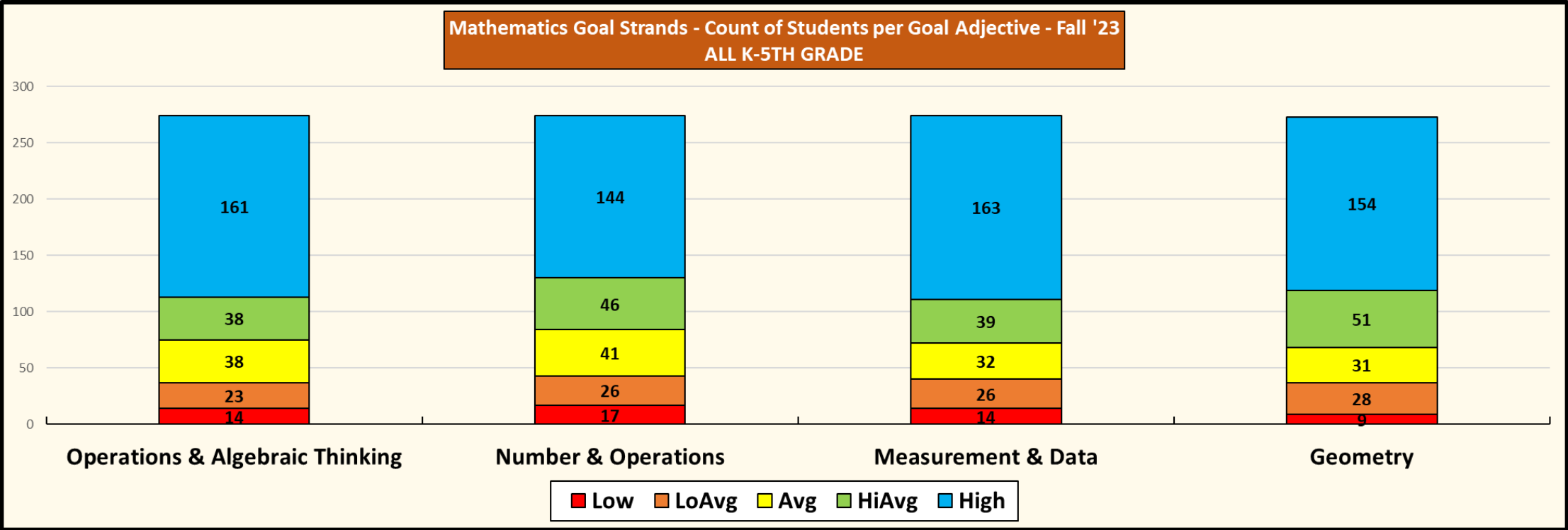
# of Students Tested - Mathematics										
Year	Kindergarten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade	Overall
Fall '22	--	--	47	44	38	55	49	65	71	369
Fall '23	44	48	42	48	49	43	59	53	67	453

Math Attainment - % At/Above National Average

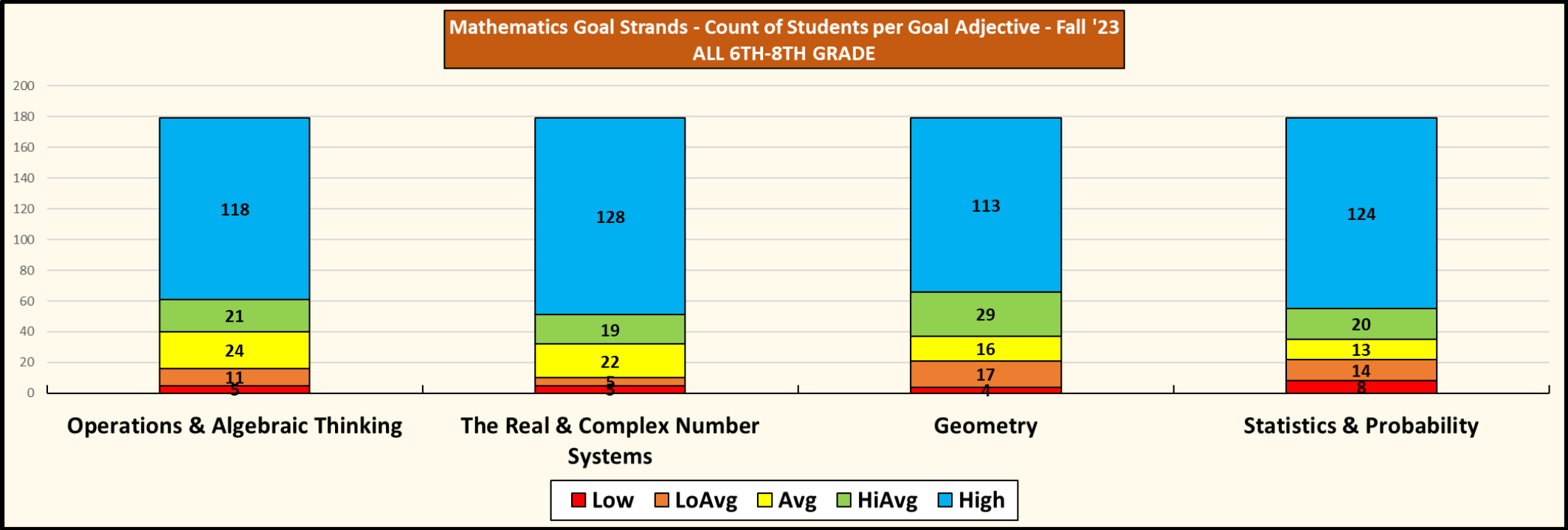


# of Students Tested - Mathematics			
Year	Brook Forest School	Butler Junior High School	Butler School District 53
Fall '22	184	185	369
Fall '23	274	179	453

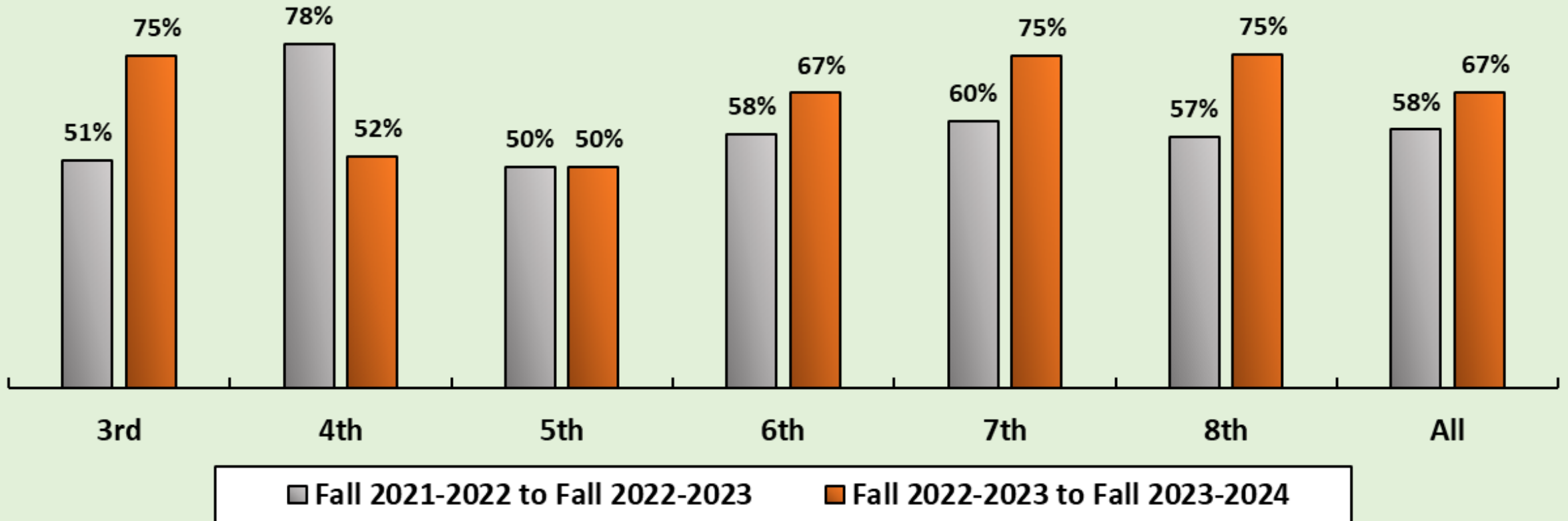
Fall 2022-2023 to Fall 2023-2024	MATHEMATICS GOAL STRANDS BY GRADE - Avg RIT Score (K-5th Grade)							
	Operations & Algebraic Thinking	Operations & Algebraic Thinking	Number & Operations	Number & Operations	Measurement & Data	Measurement & Data	Geometry	Geometry
Grade Level	<i>Fall '22</i>	Fall '23	<i>Fall '22</i>	Fall '23	<i>Fall '22</i>	Fall '23	<i>Fall '22</i>	Fall '23
Kindergarten		155.7		153.9		154.6		157.5
1st Grade		175.8		178.0		174.7		179.0
2nd Grade	187.2	195.2	184.2	186.2	186.1	188.8	189.6	195.9
3rd Grade	204.6	201.6	203.9	202.4	204.5	206.1	204.2	204.2
4th Grade	225.3	211.7	228.0	214.1	226.2	216.3	225.2	212.8
5th Grade	229.4	228.4	233.6	232.3	230.2	234.3	226.9	229.0
All K-5th Grade	211.8	194.7	212.7	194.6	212.0	195.9	211.6	196.6



Fall 2022-2023 to Fall 2023-2024	MATHEMATICS GOAL STRANDS BY GRADE - Avg RIT Score (6th-8th Grade)							
	Operations & Algebraic Thinking	Operations & Algebraic Thinking	The Real & Complex Number Systems	The Real & Complex Number Systems	Geometry	Geometry	Statistics & Probability	Statistics & Probability
Grade Level	Fall '22	Fall '23	Fall '22	Fall '23	Fall '22	Fall '23	Fall '22	Fall '23
6th Grade	236.8	233.6	241.2	239.5	238.1	236.1	234.4	233.0
7th Grade	245.9	247.8	247.4	250.6	243.5	248.4	245.4	245.9
8th Grade	248.9	252.5	249.0	255.0	250.7	255.2	247.5	253.0
All 6th-8th Grade	244.6	244.9	246.4	248.6	244.8	246.9	243.3	244.3

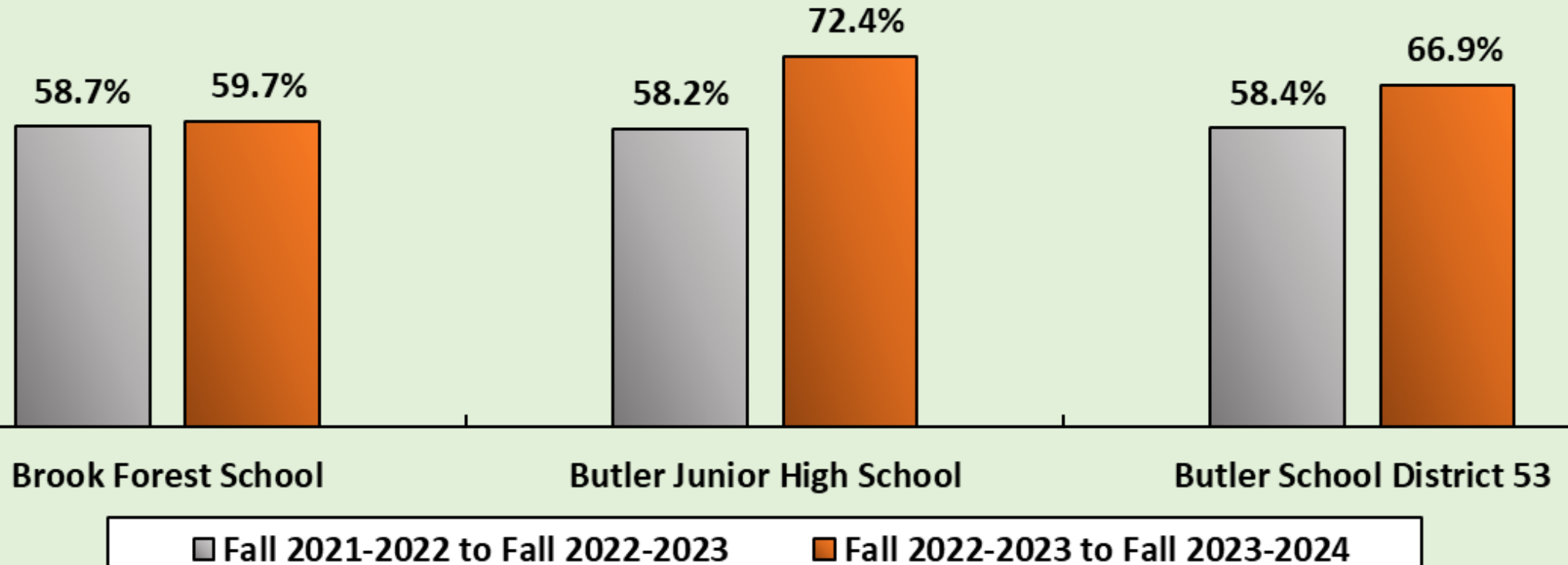


Math Growth - % Met Growth Target



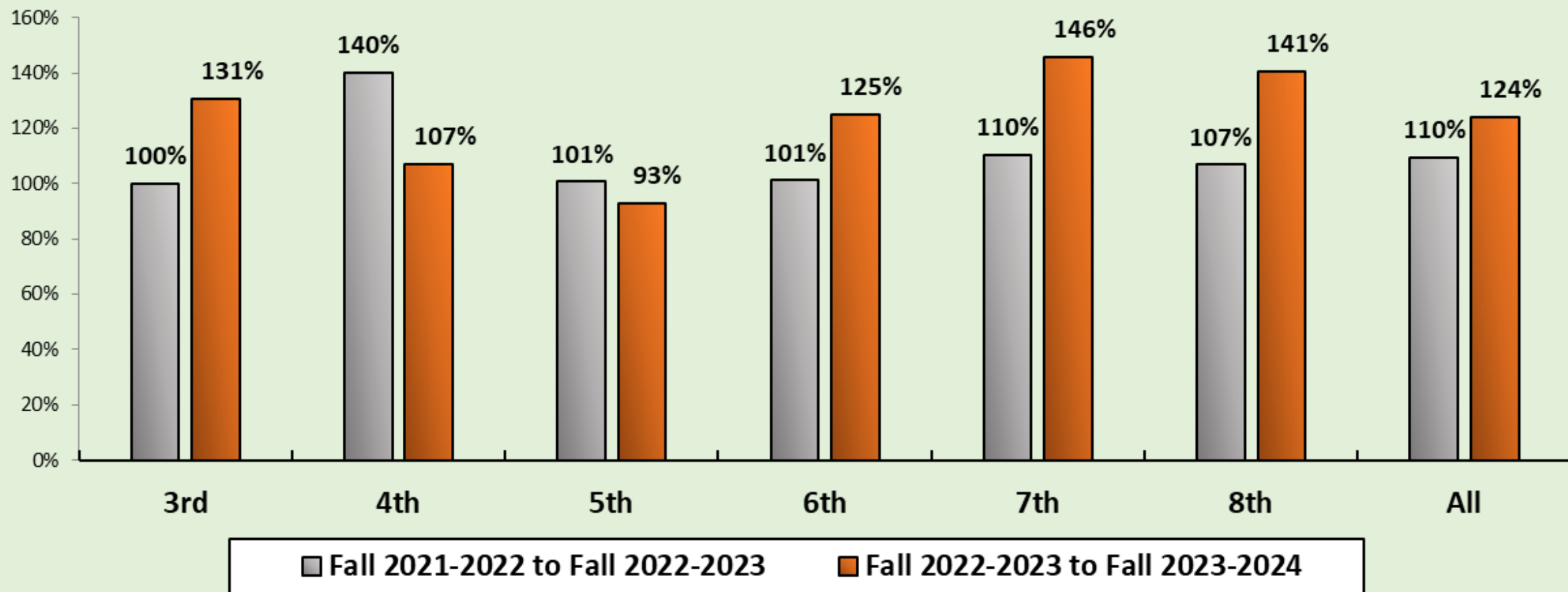
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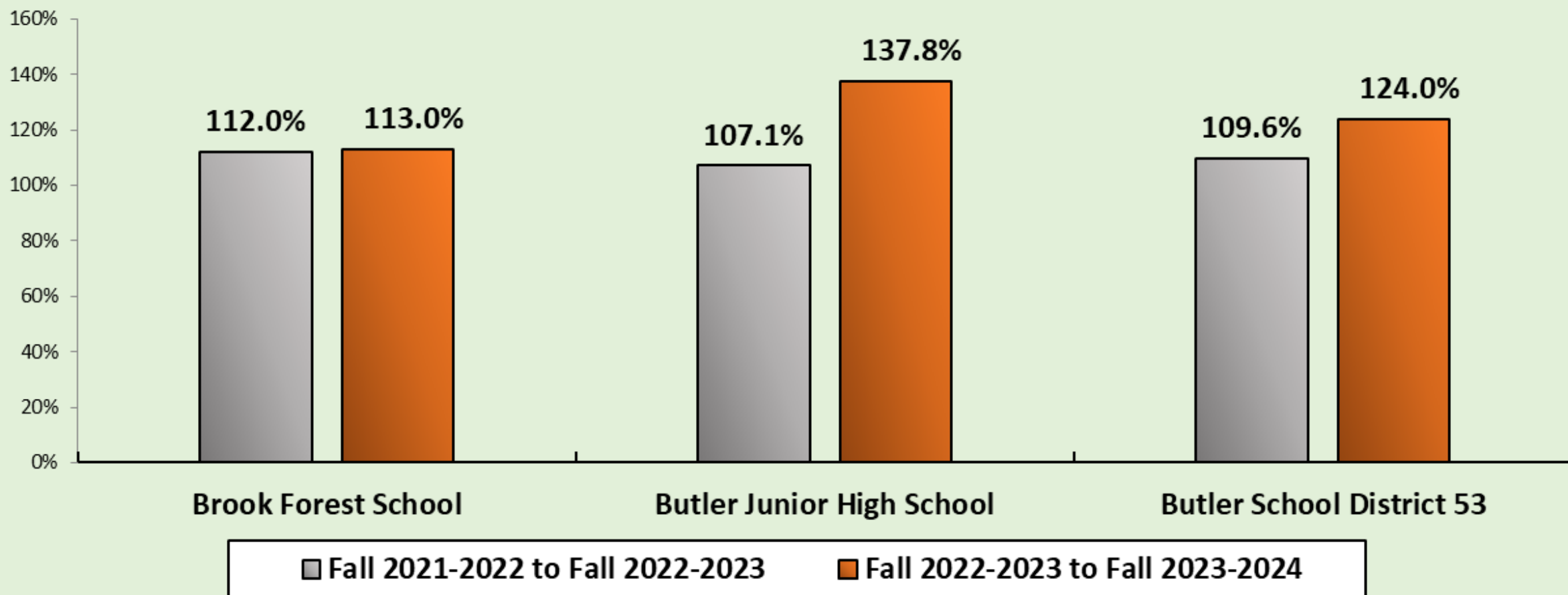
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Fall 2022-2023 to Fall 2023-2024	MATHEMATICS ATTAINMENT & GROWTH - ALL STUDENTS (2020 Norms)						Mathematics GROWTH - By Group (2020 Norms)							
	Mathematics Growth - ALL						Asian		White		Male		Female	
Grade Level	# Pre & Post Tested	Average Pre-Score RIT	Average Post-Score RIT	Average RIT Gain	% Met Growth Target	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met
3rd Grade	44	187.8	204.3	16.6	75.0%	130.9%	25	140.1%	11	103.5%	26	131.1%	18	130.6%
4th Grade	44	204.3	215.8	11.5	52.3%	107.2%	16	129.6%	17	63.2%	28	111.5%	16	100.0%
5th Grade	36	226.5	235.8	9.3	50.0%	92.8%	17	104.1%	16	82.5%	19	85.3%	17	101.2%
6th Grade	54	230.2	237.7	7.5	66.7%	124.8%	25	139.5%	25	111.7%	31	116.3%	23	136.8%
7th Grade	48	237.5	248.6	11.1	75.0%	145.8%	29	164.3%	14	126.2%	23	138.5%	25	152.4%
8th Grade	61	246.2	256.0	9.8	75.4%	140.8%	30	152.6%	30	132.5%	35	129.1%	26	157.1%
Overall	287	223.9	234.7	10.8	66.9%	124.0%	142	140.2%	113	101.8%	162	119.5%	125	129.9%

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Grade Level	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met	# Pre & Post Tested	% of Growth Target Met
3RD GRADE	<5	206.3%	<5	100.0%	11	95.1%	12	117.9%	18	162.6%	44	130.9%
4TH GRADE	<5	7.1%	<5	95.8%	12	73.7%	11	123.1%	18	130.6%	44	107.2%
5TH GRADE					<5	112.5%	8	58.8%	24	100.8%	36	92.8%
6TH GRADE			<5	110.0%	8	153.3%	12	86.1%	30	134.4%	54	124.8%
7TH GRADE	<5	50.0%	<5	150.0%	6	164.3%	7	108.2%	29	155.6%	48	145.8%
8TH GRADE			<5	33.3%	10	196.7%	12	116.7%	38	137.9%	61	140.8%
Overall	<5	93.2%	13	110.4%	51	115.6%	62	105.4%	157	136.8%	287	124.0%

% of Growth Target Met Color Key	
130%+	Well Above Average Growth
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