Fall 2023-2024 NWEA MAP Data
Butler School District

Prepared by: Ryan Marron, Senior Data Strategist

NWEA DEFINITIONS
Growth vs. Attainment
Percentile vs. Percentage

Growth = Measured by calculating the student's difference in scores between **<u>two</u>** 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 **<u>one</u>** point in time. It does not take into account any previous scores.

Percentile (%tile)= Describes a **<u>relative performance measure</u> (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 **<u>absolute measure</u>** 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.
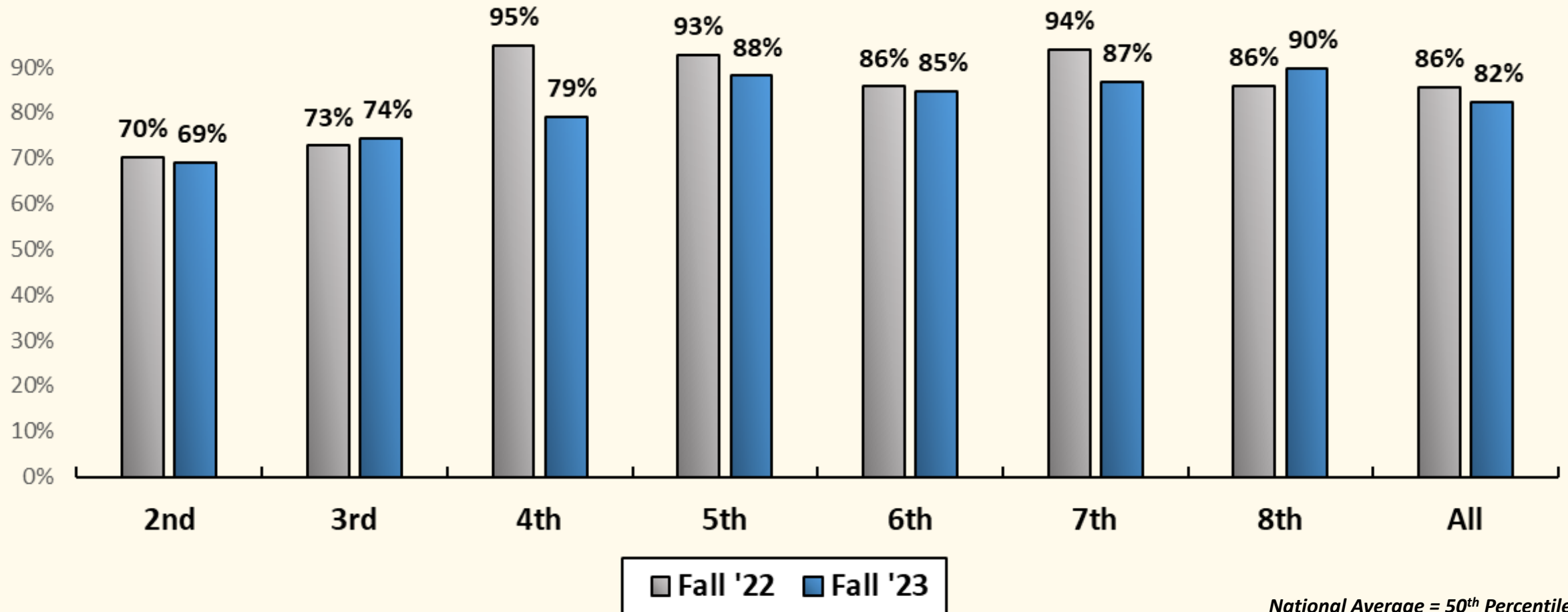
Percent of Growth Target Met

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)

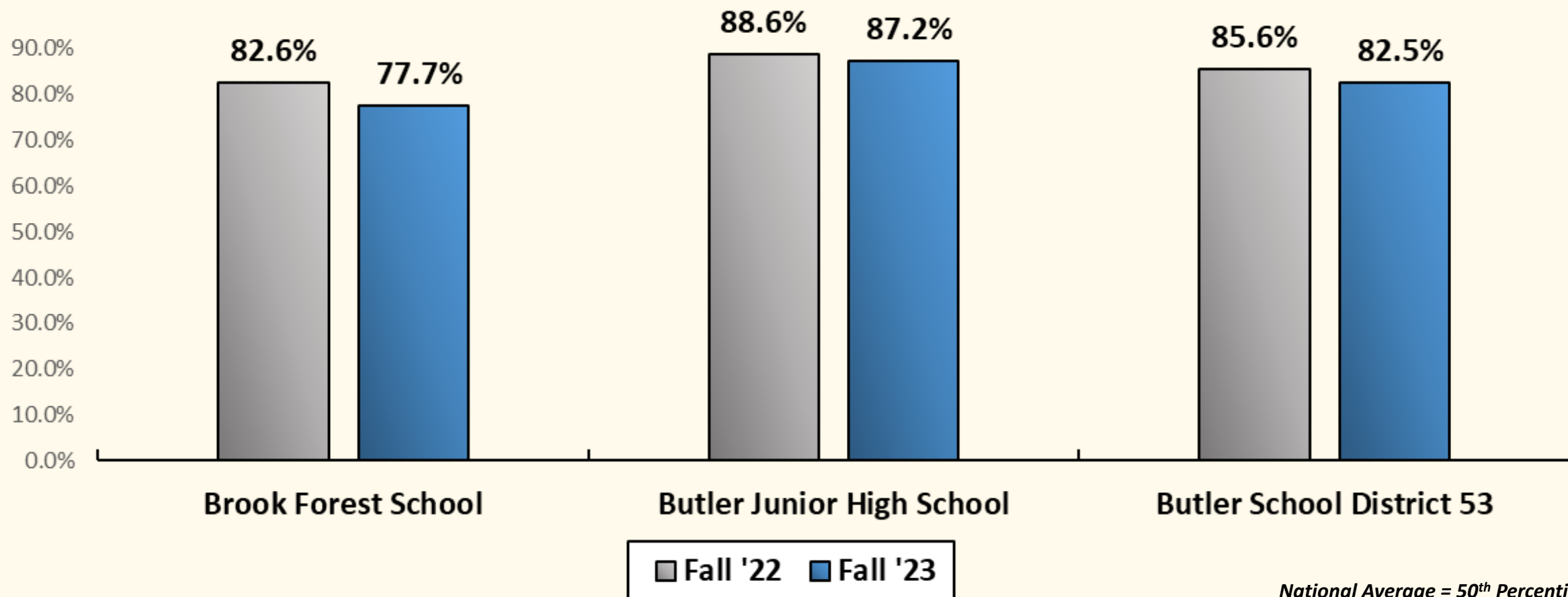| % of Growth Target Met Color Key (approx.)	
130%+	Well Above Average Growth
110% to 129%	Above Average Growth
95% to 109%	Average Growth
75% to 94%	Below Average Growth
Below 75%	Well Below Average Growth

Reading Attainment - % At/Above National Average

Grade	Fall '22	Fall '23
2nd	70%	69%
3rd	73%	74%
4th	95%	79%
5th	93%	88%
6th	86%	85%
7th	94%	87%
8th	86%	90%
All	86%	82%

National Average = 50th Percentile

# 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

	Fall '22	Fall '23
Brook Forest School	82.6%	77.7%
Butler Junior High School	88.6%	87.2%
Butler School District 53	85.6%	82.5%

National Average = 50th Percentile

# 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

READING GOAL STRANDS BY GRADE - Avg RIT Score

Fall 2022-2023 to Fall 2023-2024	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**
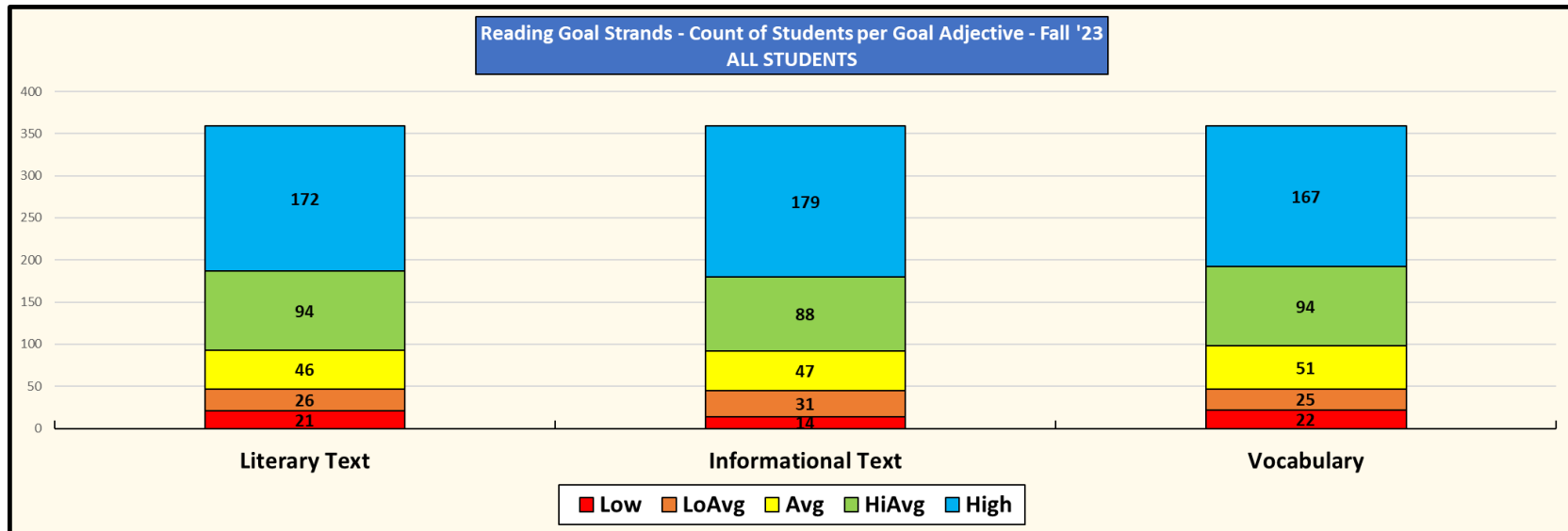
Reading Goal Strands - Count of Students per Goal Adjective - Fall '23 ALL STUDENTS
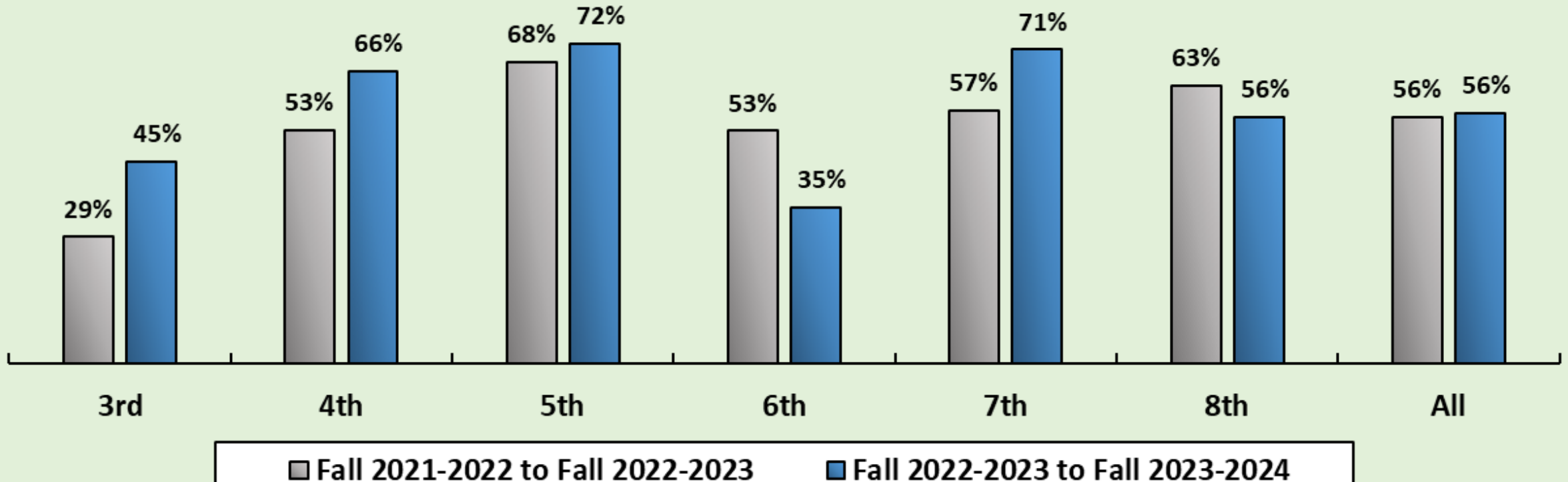
	Literary Text	Informational Text	Vocabulary
High	172	179	167
HiAvg	94	88	94
Avg	46	47	51
LoAvg	26	31	25
Low	21	14	22

Legend: ■ Low ■ LoAvg ■ Avg ■ HiAvg ■ High

Reading Growth - % Met Growth Target

Bar chart legend:
- Fall 2021-2022 to Fall 2022-2023 (gray)
- Fall 2022-2023 to Fall 2023-2024 (blue)

Grade	Fall 2021-2022 to Fall 2022-2023	Fall 2022-2023 to Fall 2023-2024
3rd	29%	45%
4th	53%	66%
5th	68%	72%
6th	53%	35%
7th	57%	71%
8th	63%	56%
All	56%	56%

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
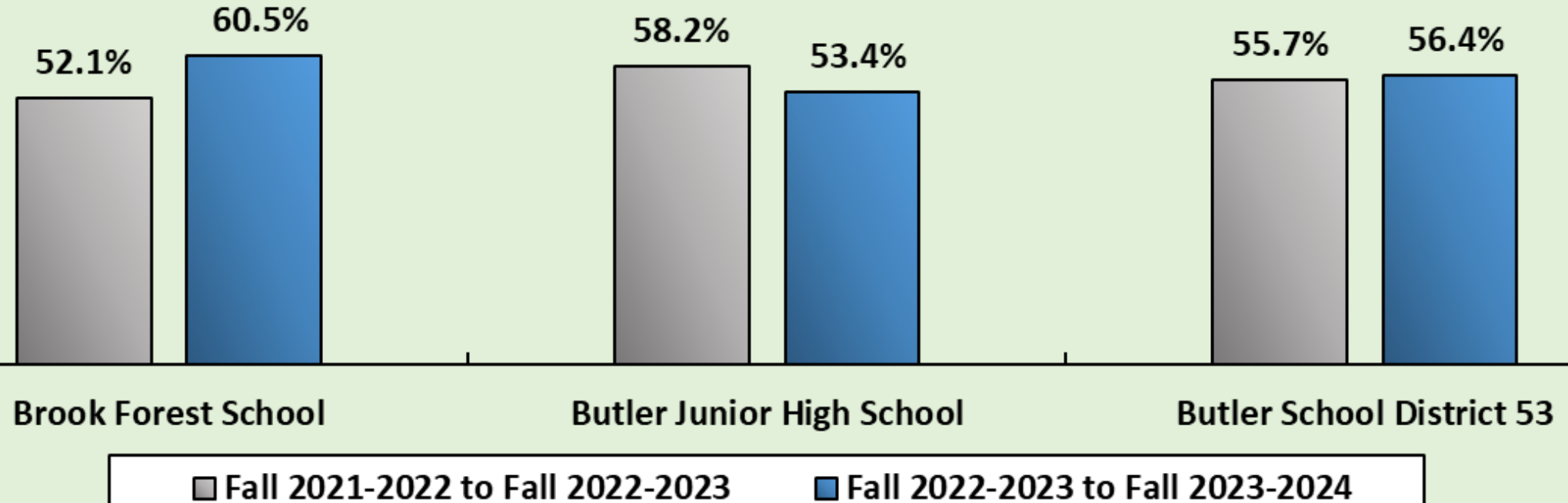
	Brook Forest School	Butler Junior High School	Butler School District 53
Fall 2021-2022 to Fall 2022-2023	52.1%	58.2%	55.7%
Fall 2022-2023 to Fall 2023-2024	60.5%	53.4%	56.4%

# 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

	3rd	4th	5th	6th	7th	8th	All
Fall 2021-2022 to Fall 2022-2023	61%	123%	122%	107%	106%	166%	106%
Fall 2022-2023 to Fall 2023-2024	91%	128%	121%	69%	154%	102%	106%

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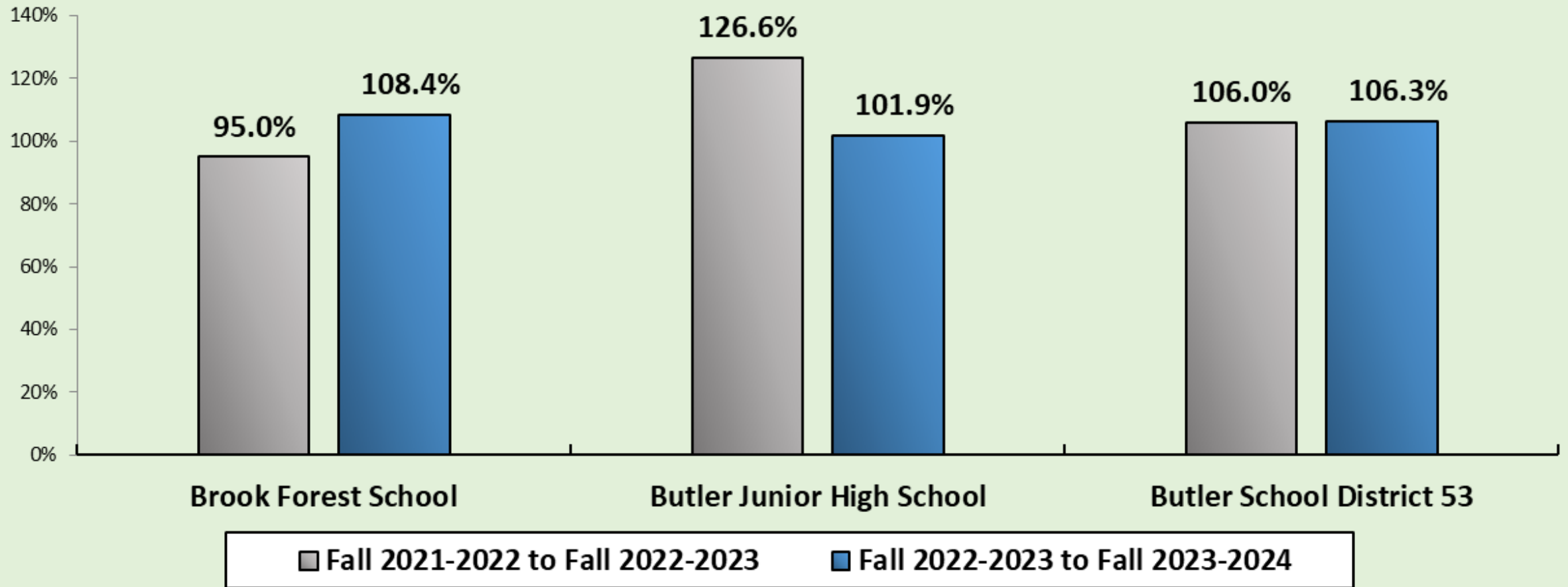
% of Growth Target Met Key	
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110% to 129%	Above Average Growth
95% to 109%	Average Growth
75% to 94%	Below Average Growth
Below 75%	Well Below Average Growth

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

READING - Growth by Attainment Level

Fall 2022-2023 to Fall 2023-2024

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

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

Math Attainment - % At/Above National Average

National Average = 50th Percentile
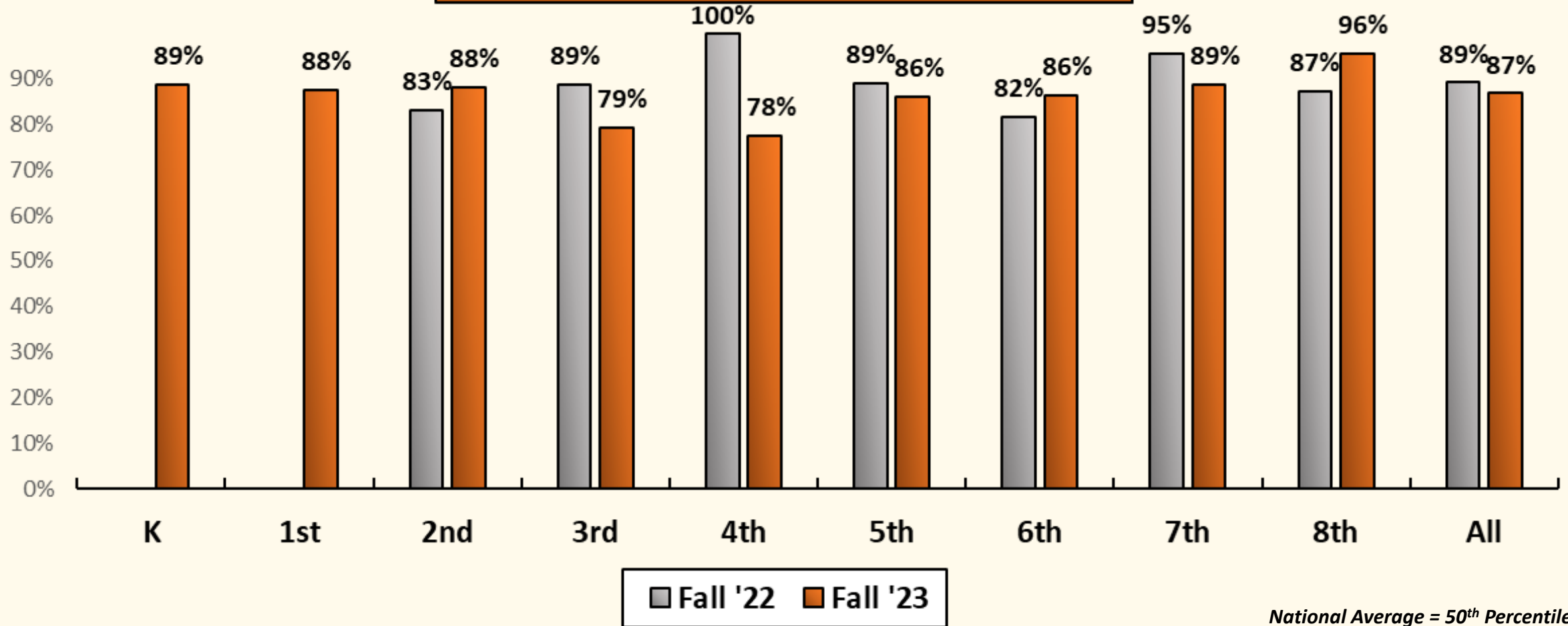
# of Students Tested - Mathematics									
Year	Kindergarten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade	Overall
Fall '22	--	--	47	44	38	55	49	65	71	369
Fall '23	44	48	42	48	49	43	59	53	67	453

Math Attainment - % At/Above National Average
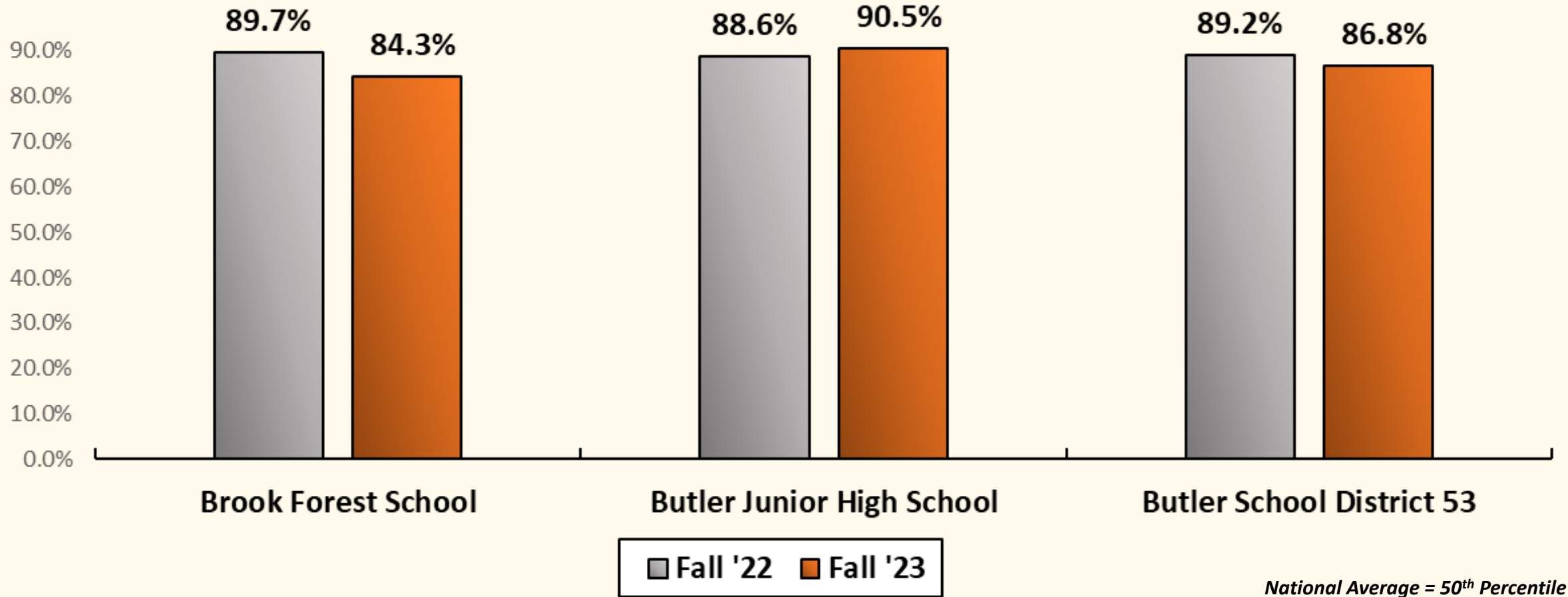
Brook Forest School	Butler Junior High School	Butler School District 53
89.7% / 84.3%	88.6% / 90.5%	89.2% / 86.8%

Fall '22 ▫ Fall '23

National Average = 50th Percentile

# 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	Fall '22	Fall '23	Fall '22	Fall '23	Fall '22	Fall '23	Fall '22	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

Mathematics Goal Strands - Count of Students per Goal Adjective - Fall '23
ALL K-5TH GRADE

Operations & Algebraic Thinking: High 161, HiAvg 38, Avg 38, LoAvg 23, Low 14
Number & Operations: High 144, HiAvg 46, Avg 41, LoAvg 26, Low 17
Measurement & Data: High 163, HiAvg 39, Avg 32, LoAvg 26, Low 14
Geometry: High 154, HiAvg 51, Avg 31, LoAvg 28, Low 9

Low   LoAvg   Avg   HiAvg   High

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**

Mathematics Goal Strands - Count of Students per Goal Adjective - Fall '23
ALL 6TH-8TH GRADE
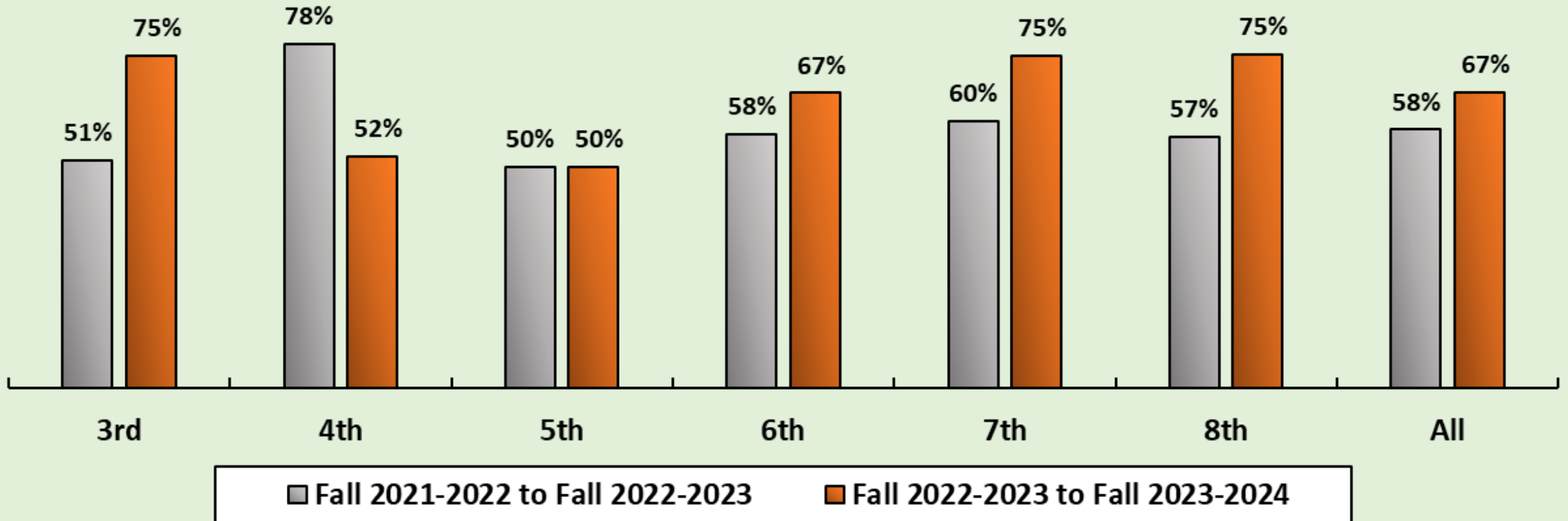
Operations & Algebraic Thinking: 118, 21, 24, 11, 5
The Real & Complex Number Systems: 128, 19, 22, 5, 5
Geometry: 113, 29, 16, 17, 4
Statistics & Probability: 124, 20, 13, 14, 8

Legend: ■ Low ■ LoAvg ■ Avg ■ HiAvg ■ High

Math Growth - % Met Growth Target

Grade	Fall 2021-2022 to Fall 2022-2023	Fall 2022-2023 to Fall 2023-2024
3rd	51%	75%
4th	78%	52%
5th	50%	50%
6th	58%	67%
7th	60%	75%
8th	57%	75%
All	58%	67%

# of Students Pre & Post Tested - Mathematics							
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

Math Growth - % Met Growth Target
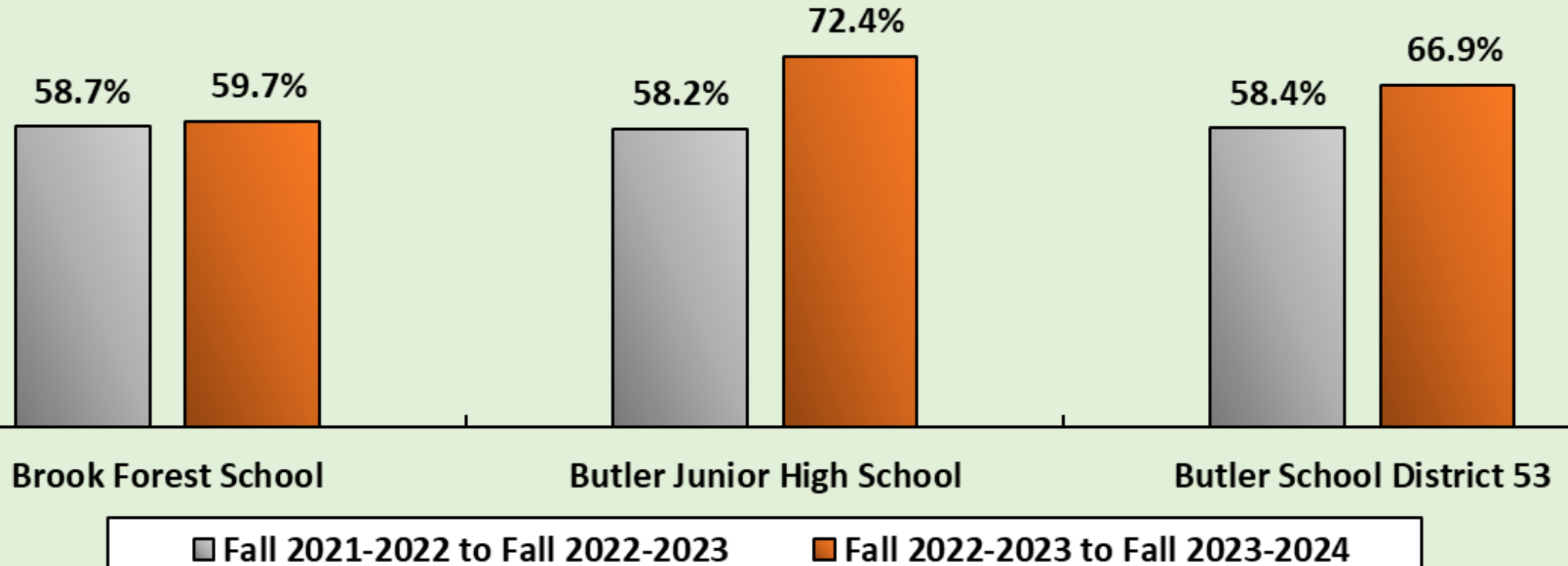
	Brook Forest School	Butler Junior High School	Butler School District 53
Fall 2021-2022 to Fall 2022-2023	58.7%	58.2%	58.4%
Fall 2022-2023 to Fall 2023-2024	59.7%	72.4%	66.9%

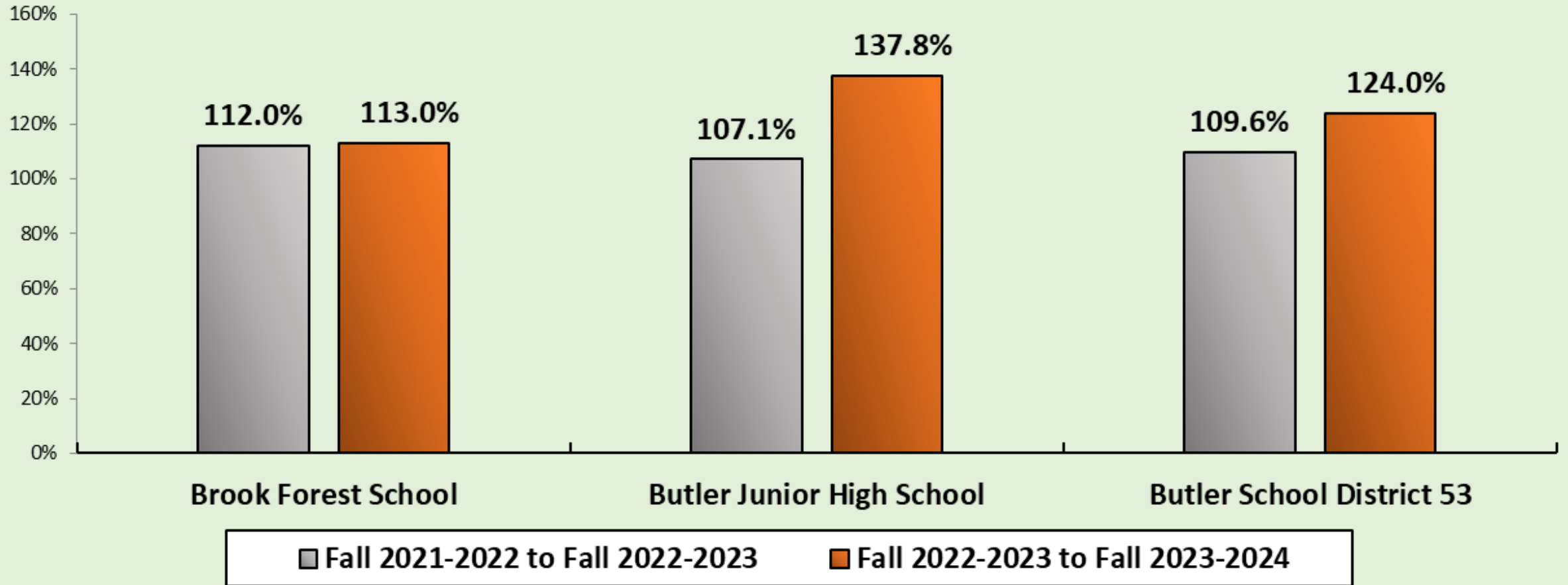**# of Students Pre & Post Tested - Mathematics**

Year	Brook Forest School	Butler Junior High School	Butler School District 53
Fall '22	121	170	291
Fall '23	124	163	287

Math 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

Math Growth - % of Growth Target Met

	Fall 2021-2022 to Fall 2022-2023	Fall 2022-2023 to Fall 2023-2024
Brook Forest School	112.0%	113.0%
Butler Junior High School	107.1%	137.8%
Butler School District 53	109.6%	124.0%

% 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	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%

% 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
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MATHEMATICS - Growth by Attainment Level

Fall 2022-2023 to Fall 2023-2024

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
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
110% to 129%	Above Average Growth
95% to 109%	Average Growth
75% to 94%	Below Average Growth
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Spring 2021-2022 to Spring 2022-2023 NWEA MAP Data
Butler School District

Prepared by: Ryan Marron, Senior Data Strategist

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Growth vs. Attainment
Percentile vs. Percentage

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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.

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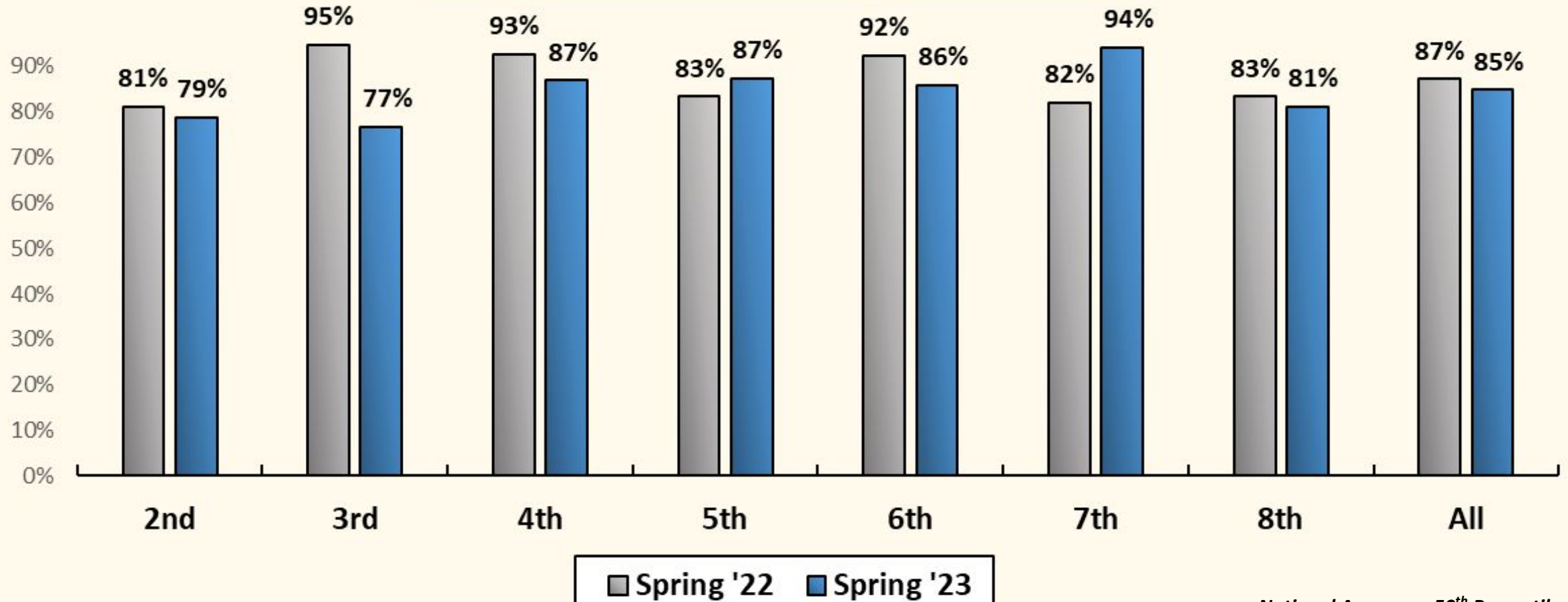
Percent of Growth Target Met
The percentage of the Target RIT Score met based on actual RIT Growth. It is calculated by dividing the students' actual RIT growth by their RIT Growth Target (Projected) Score. It indicates the **degree** of growth a student or student group had.

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

Chart showing % At/Above National Average by grade:

Grade	Spring '22	Spring '23
2nd	81%	79%
3rd	95%	77%
4th	93%	87%
5th	83%	87%
6th	92%	86%
7th	82%	94%
8th	83%	81%
All	87%	85%

Legend: ☐ Spring '22 ☐ Spring '23

National Average = 50th Percentile

# of Students Tested - Reading								
Year	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade	Overall
Spring '22	37	38	54	42	66	67	54	358
Spring '23	47	43	38	55	49	67	69	368

Reading Attainment - % At/Above National Average
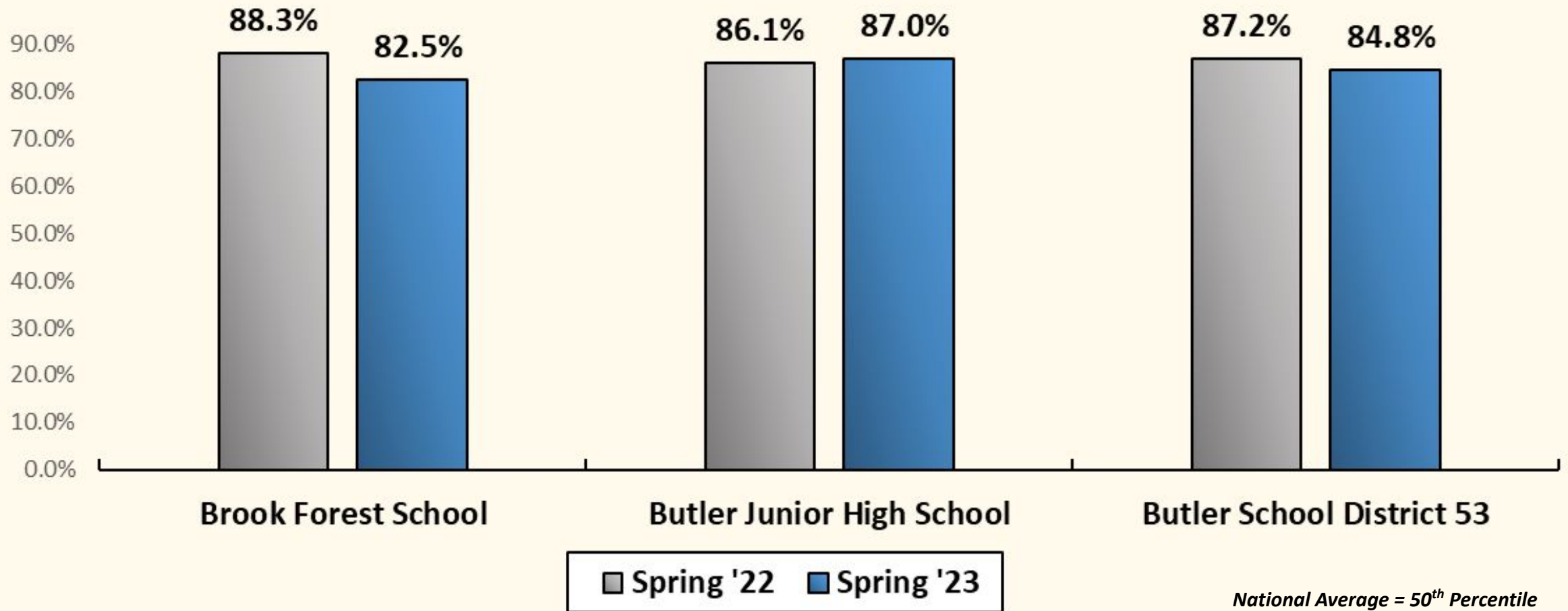
	Brook Forest School		Butler Junior High School		Butler School District 53	
	Spring '22	Spring '23	Spring '22	Spring '23	Spring '22	Spring '23
	88.3%	82.5%	86.1%	87.0%	87.2%	84.8%

Legend: ■ Spring '22 ■ Spring '23

National Average = 50th Percentile

# of Students Tested - Reading			
Year	Brook Forest School	Butler Junior High School	Butler School District 53
Spring '22	171	187	358
Spring '23	183	185	368

Spring 2021-2022 to Spring 2022-2023	READING GOAL STRANDS BY GRADE - Avg RIT Score					
	Literary Text	Literary Text	Informational Text	Informational Text	Vocabulary	Vocabulary
Grade Level	Spring '22	Spring '23	Spring '22	Spring '23	Spring '22	Spring '23
2nd Grade	198.2	196.1	194.8	195.0	196.6	196.7
3rd Grade	215.2	205.8	216.1	207.6	215.1	207.5
4th Grade	219.6	218.0	220.4	222.4	220.6	221.8
5th Grade	224.8	223.7	225.2	225.8	223.4	227.0
6th Grade	228.1	229.9	229.3	228.6	228.4	228.3
7th Grade	228.9	230.2	232.1	231.8	231.4	230.7
8th Grade	231.6	232.0	233.9	233.4	234.4	233.3
Overall	222.6	221.0	223.7	222.3	223.4	222.4
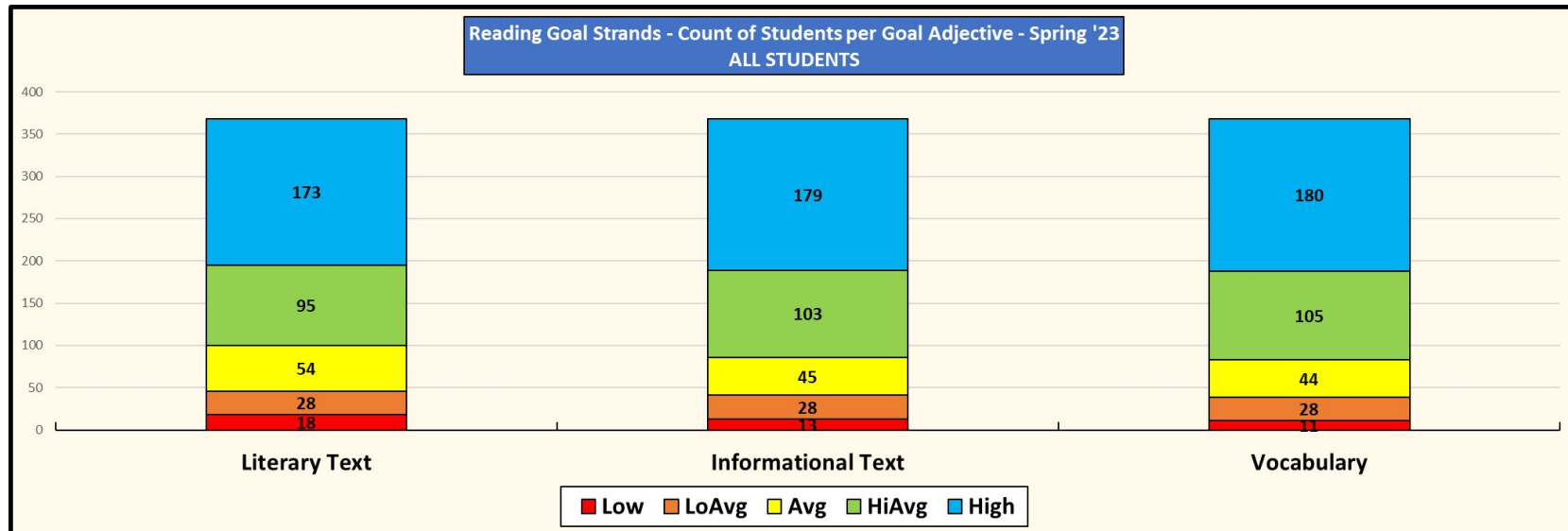
Reading Goal Strands - Count of Students per Goal Adjective - Spring '23
ALL STUDENTS
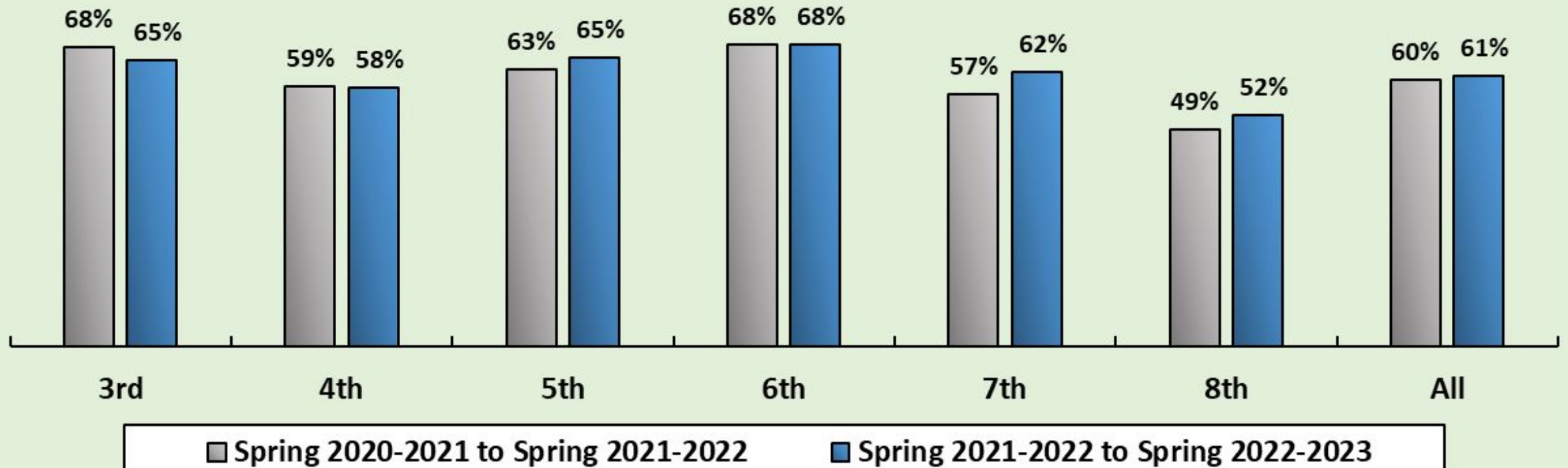
Literary Text: High 173, HiAvg 95, Avg 54, LoAvg 28, Low 18
Informational Text: High 179, HiAvg 103, Avg 45, LoAvg 28, Low 13
Vocabulary: High 180, HiAvg 105, Avg 44, LoAvg 28, Low 11

■ Low ■ LoAvg ■ Avg ■ HiAvg ■ High

Reading Growth - % Met Growth Target

Grade	Spring 2020-2021 to Spring 2021-2022	Spring 2021-2022 to Spring 2022-2023
3rd	68%	65%
4th	59%	58%
5th	63%	65%
6th	68%	68%
7th	57%	62%
8th	49%	52%
All	60%	61%

Legend: ☐ Spring 2020-2021 to Spring 2021-2022 ☐ Spring 2021-2022 to Spring 2022-2023

of Students Pre & Post Tested - Reading

Year	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade	Overall
Spring '22	37	51	40	63	65	53	309
Spring '23	34	36	49	41	63	65	288

Reading Growth - % Met Growth Target
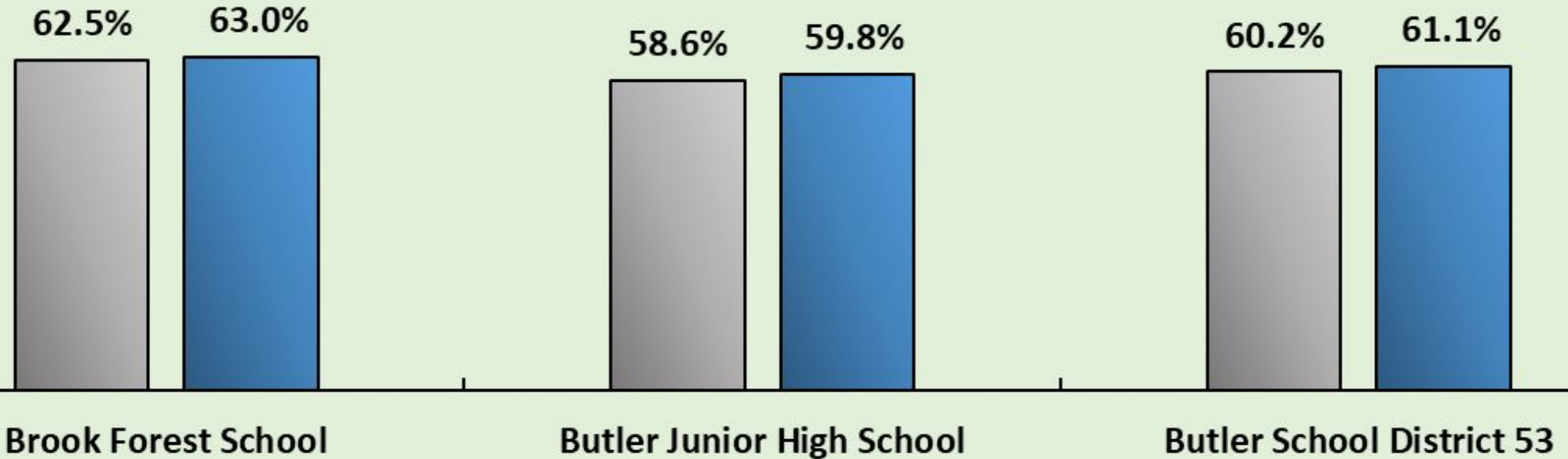
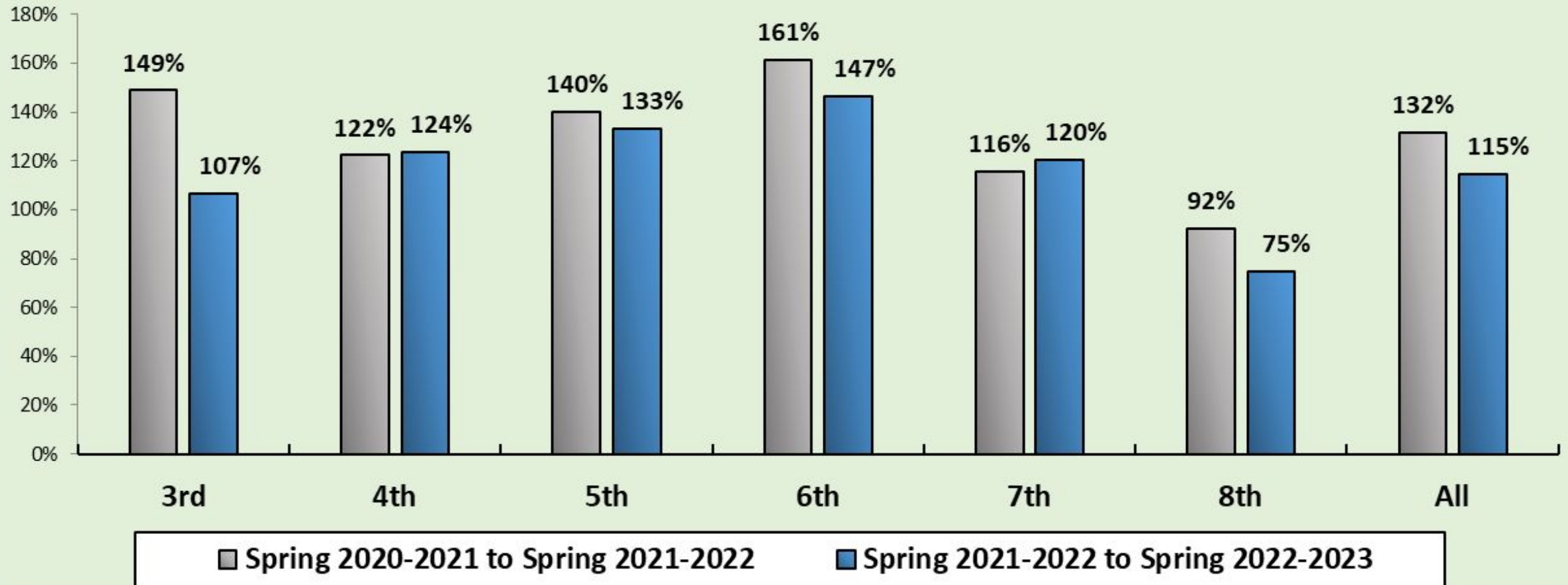|	Brook Forest School	Butler Junior High School	Butler School District 53
Spring 2020-2021 to Spring 2021-2022	62.5%	58.6%	60.2%
Spring 2021-2022 to Spring 2022-2023	63.0%	59.8%	61.1%

Legend: ▢ Spring 2020-2021 to Spring 2021-2022   ▢ Spring 2021-2022 to Spring 2022-2023

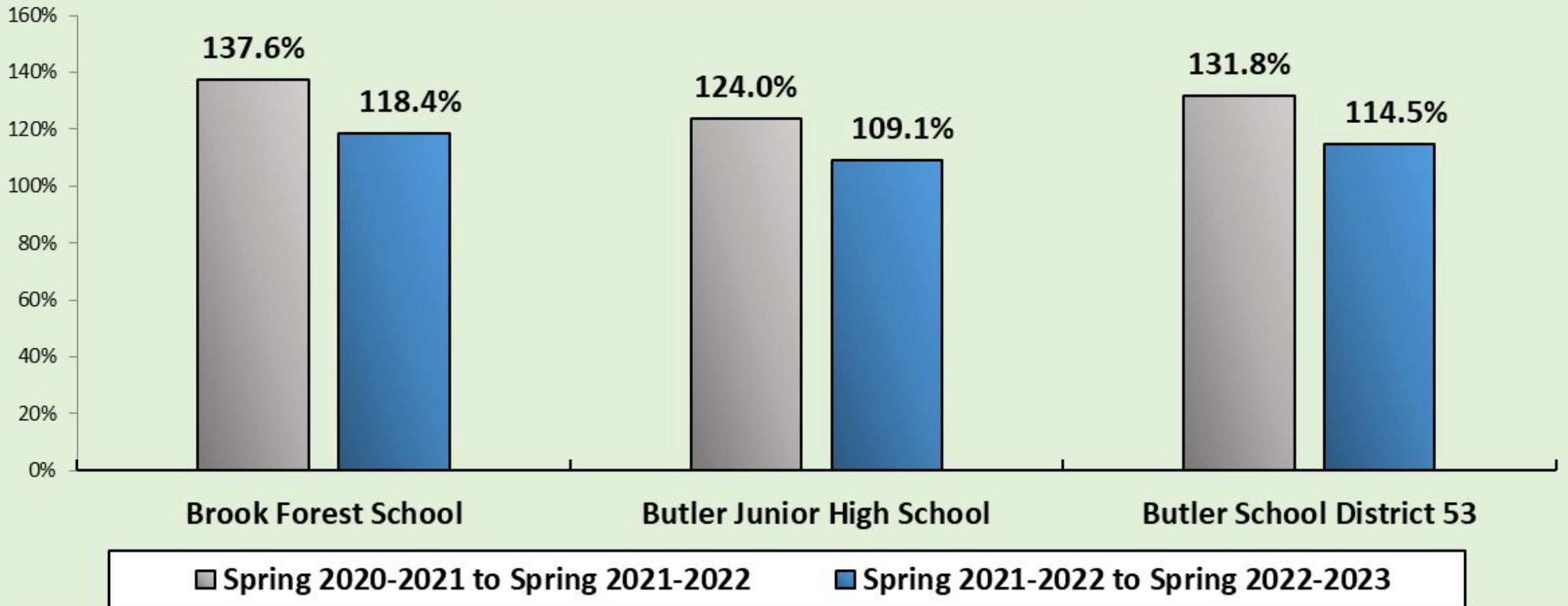## # of Students Pre & Post Tested - Reading

Year	Brook Forest School	Butler Junior High School	Butler School District 53
Spring '22	128	181	309
Spring '23	119	169	288

Reading Growth - % of Growth Target Met

	3rd	4th	5th	6th	7th	8th	All
Spring 2020-2021 to Spring 2021-2022	149%	122%	140%	161%	116%	92%	132%
Spring 2021-2022 to Spring 2022-2023	107%	124%	133%	147%	120%	75%	115%

% 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

School	Spring 2020-2021 to Spring 2021-2022	Spring 2021-2022 to Spring 2022-2023
Brook Forest School	137.6%	118.4%
Butler Junior High School	124.0%	109.1%
Butler School District 53	131.8%	114.5%

% 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

Spring 2021-2022 to Spring 2022-2023	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	34	196.7	206.9	10.2	64.7%	106.8%	12	132.7%	16	92.5%	22	98.5%	12	121.0%
4th Grade	36	216.0	221.8	5.8	58.3%	123.7%	18	149.4%	15	120.7%	18	125.8%	18	120.8%
5th Grade	49	220.8	226.1	5.2	65.3%	133.3%	22	175.0%	25	98.1%	27	123.5%	22	143.6%
6th Grade	41	224.2	228.5	4.4	68.3%	146.7%	24	113.8%	14	200.0%	19	153.2%	22	140.0%
7th Grade	63	228.5	231.8	3.3	61.9%	120.3%	32	132.1%	31	110.6%	37	114.9%	26	128.2%
8th Grade	65	230.8	233.0	2.2	52.3%	74.7%	35	141.7%	23	0.0%	28	20.3%	37	113.5%
Overall	288	221.8	226.4	4.6	61.1%	114.5%	143	141.1%	124	98.6%	151	104.7%	137	126.6%

% 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

READING - Growth by Attainment Level

Spring 2021-2022 to Spring 2022-2023

Spring '22 Attainment Range: Grade Level	Less than 10th # Pre & Post Tested	% of Growth Target Met	10th-39th # Pre & Post Tested	% of Growth Target Met	40th-69th # Pre & Post Tested	% of Growth Target Met	70th-89th # Pre & Post Tested	% of Growth Target Met	90th+ # Pre & Post Tested	% of Growth Target Met	ALL STUDENTS # Pre & Post Tested	% of Growth Target Met
2ND GRADE												
3RD GRADE	<5	175.0%	<5	97.4%	6	101.5%	15	115.1%	9	82.5%	34	106.8%
4TH GRADE					6	91.1%	12	131.3%	18	140.0%	36	123.7%
5TH GRADE			<5	142.9%	10	158.9%	22	78.4%	16	214.6%	49	133.3%
6TH GRADE	<5	-100.0%	<5	0.0%	12	142.0%	14	228.1%	13	165.4%	41	146.7%
7TH GRADE			<5	238.9%	16	186.9%	27	69.5%	17	26.5%	63	120.3%
8TH GRADE	<5	6.7%	6	183.9%	13	77.1%	23	70.4%	21	21.4%	65	74.7%
Overall	<5	53.8%	14	146.5%	63	128.4%	113	106.7%	94	107.1%	288	114.5%

% 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

Math Attainment - % At/Above National Average

	2nd	3rd	4th	5th	6th	7th	8th	All
Spring '22	84%	92%	89%	83%	89%	88%	87%	88%
Spring '23	89%	91%	87%	85%	86%	90%	83%	87%

National Average = 50th Percentile
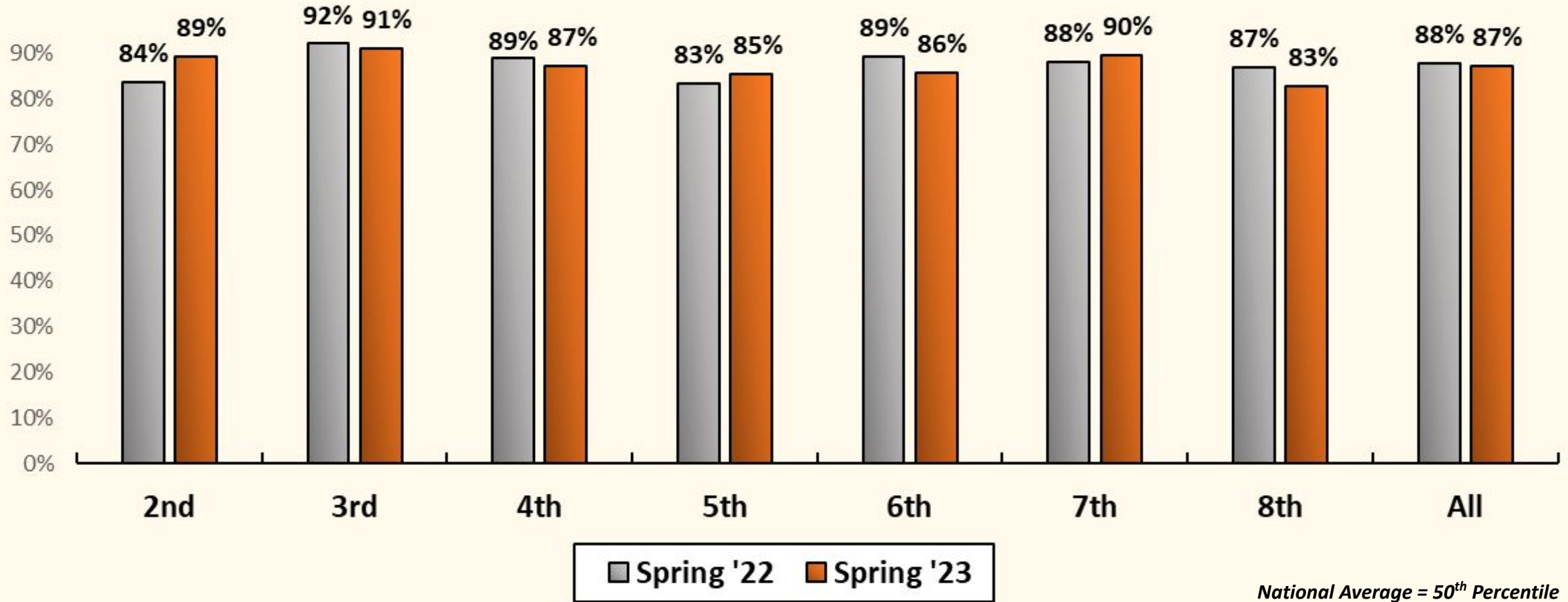
# of Students Tested - Mathematics								
Year	2nd Grade	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade	Overall
Spring '22	37	38	54	42	66	67	54	358
Spring '23	47	44	39	55	49	67	70	371

Math Attainment - % At/Above National Average
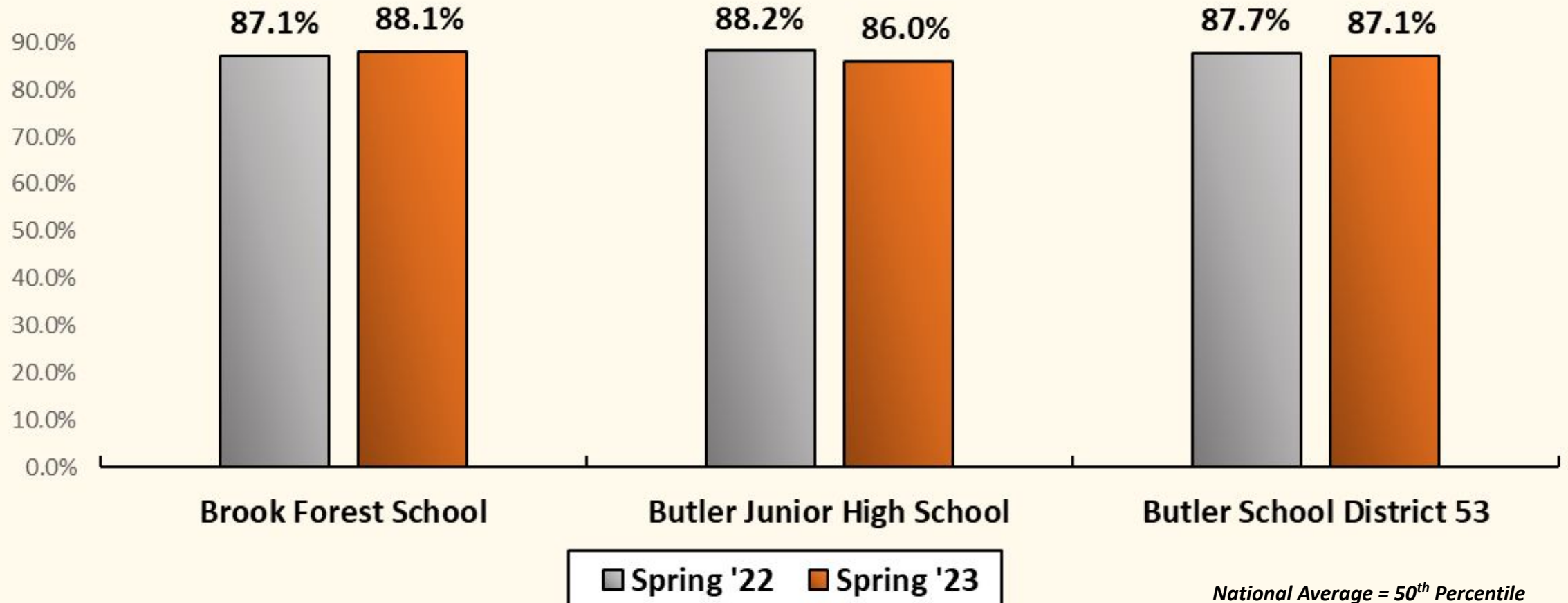
	Spring '22	Spring '23
Brook Forest School	87.1%	88.1%
Butler Junior High School	88.2%	86.0%
Butler School District 53	87.7%	87.1%

National Average = 50th Percentile

# of Students Tested - Mathematics			
Year	Brook Forest School	Butler Junior High School	Butler School District 53
Spring '22	171	187	358
Spring '23	185	186	371

Spring 2021-2022 to Spring 2022-2023	MATHEMATICS GOAL STRANDS BY GRADE - Avg RIT Score (2nd-5th Grade)							
	Operations & Algebraic Thinking	Operations & Algebraic Thinking	Number & Operations	Number & Operations	Measurement & Data	Measurement & Data	Geometry	Geometry
Grade Level	*Spring '22*	Spring '23	*Spring '22*	Spring '23	*Spring '22*	Spring '23	*Spring '22*	Spring '23
2nd Grade	*206.2*	**203.1**	*206.0*	**203.2**	*208.6*	**204.6**	*206.1*	**203.4**
3rd Grade	*223.0*	**215.3**	*230.6*	**217.4**	*226.1*	**217.8**	*221.1*	**213.3**
4th Grade	*228.9*	**229.4**	*235.5*	**233.2**	*230.9*	**234.9**	*227.7*	**232.0**
5th Grade	*241.3*	**235.5**	*248.0*	**239.5**	*245.0*	**240.0**	*244.2*	**239.3**
All 2nd-5th Grade	*225.7*	**221.2**	*231.1*	**223.7**	*228.5*	**224.7**	*225.6*	**222.4**

Mathematics Goal Strands - Count of Students per Goal Adjective - Spring '23
ALL 2ND-5TH GRADE

Spring 2021-2022 to Spring 2022-2023	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	Spring '22	Spring '23	Spring '22	Spring '23	Spring '22	Spring '23	Spring '22	Spring '23
6th Grade	243.9	247.8	244.1	246.8	243.7	241.9	244.6	242.2
7th Grade	247.6	252.4	248.2	251.8	248.3	253.6	245.8	249.1
8th Grade	256.2	257.0	252.2	251.3	254.9	253.9	253.2	253.3
All 6th-8th Grade	248.8	252.9	247.9	250.3	248.6	250.6	247.5	248.9
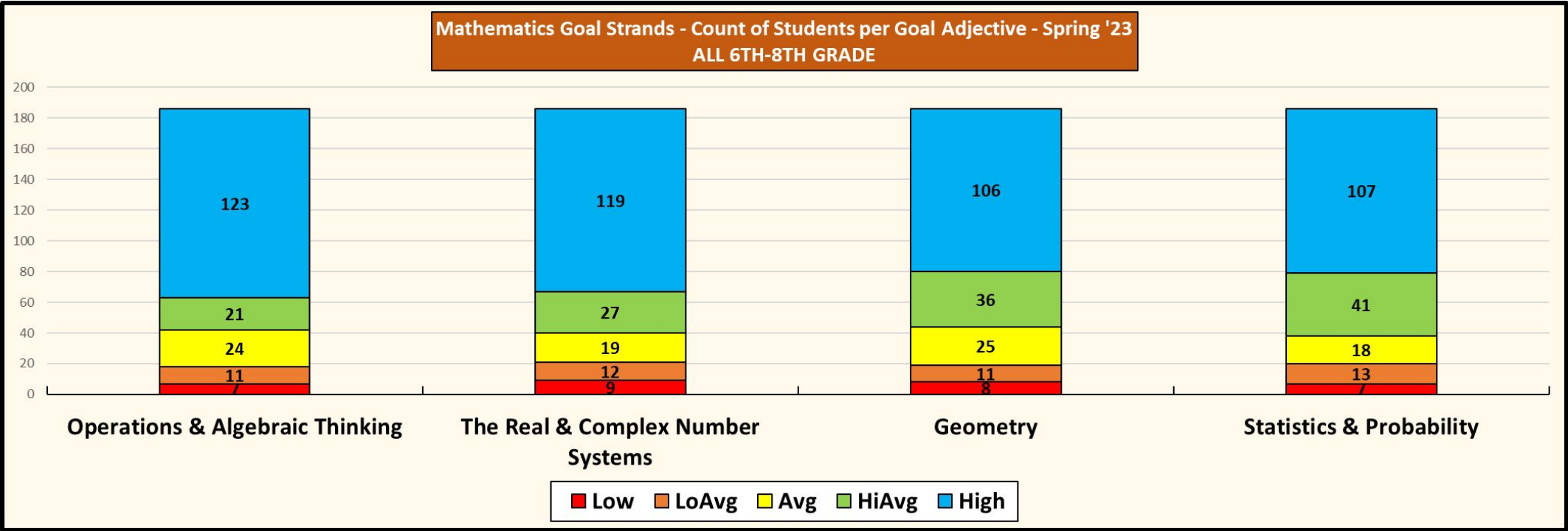
Mathematics Goal Strands - Count of Students per Goal Adjective - Spring '23
ALL 6TH-8TH GRADE
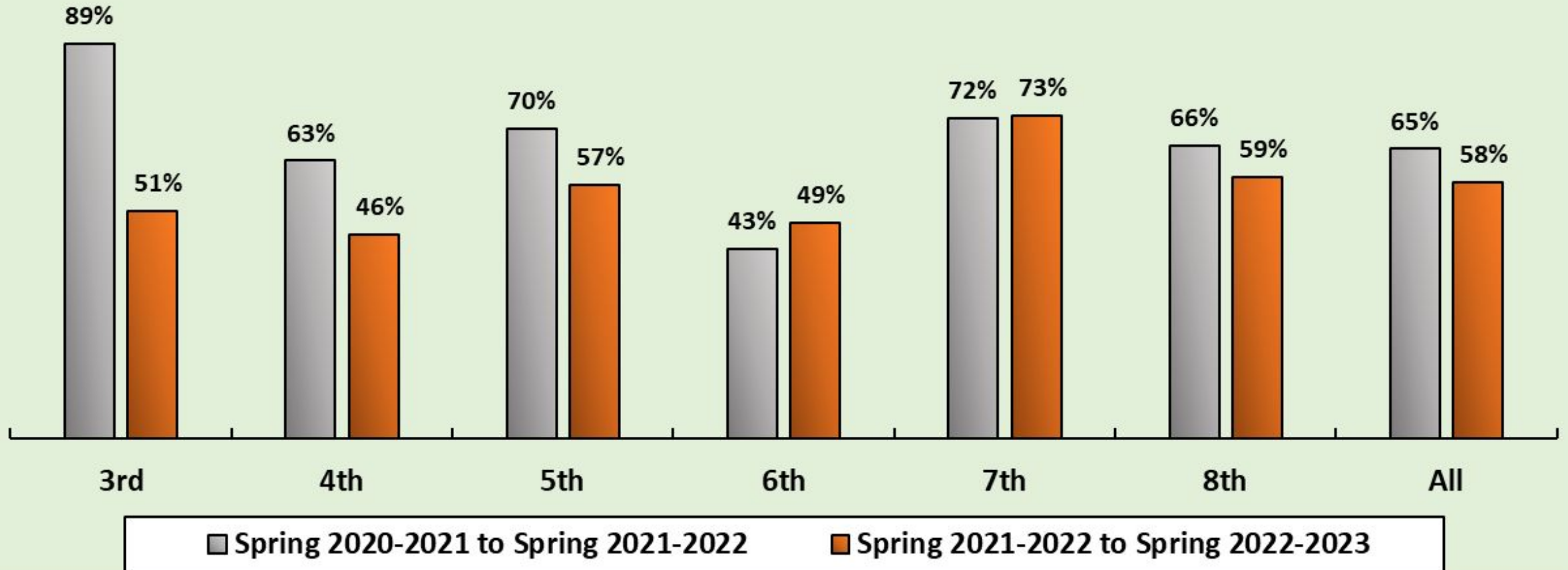
Math Growth - % Met Growth Target

Grade	Spring 2020-2021 to Spring 2021-2022	Spring 2021-2022 to Spring 2022-2023
3rd	89%	51%
4th	63%	46%
5th	70%	57%
6th	43%	49%
7th	72%	73%
8th	66%	59%
All	65%	58%

# of Students Pre & Post Tested - Mathematics							
Year	3rd Grade	4th Grade	5th Grade	6th Grade	7th Grade	8th Grade	Overall
Spring '22	37	51	40	63	65	53	**309**
Spring '23	35	37	49	41	63	66	**291**

Math Growth - % Met Growth Target
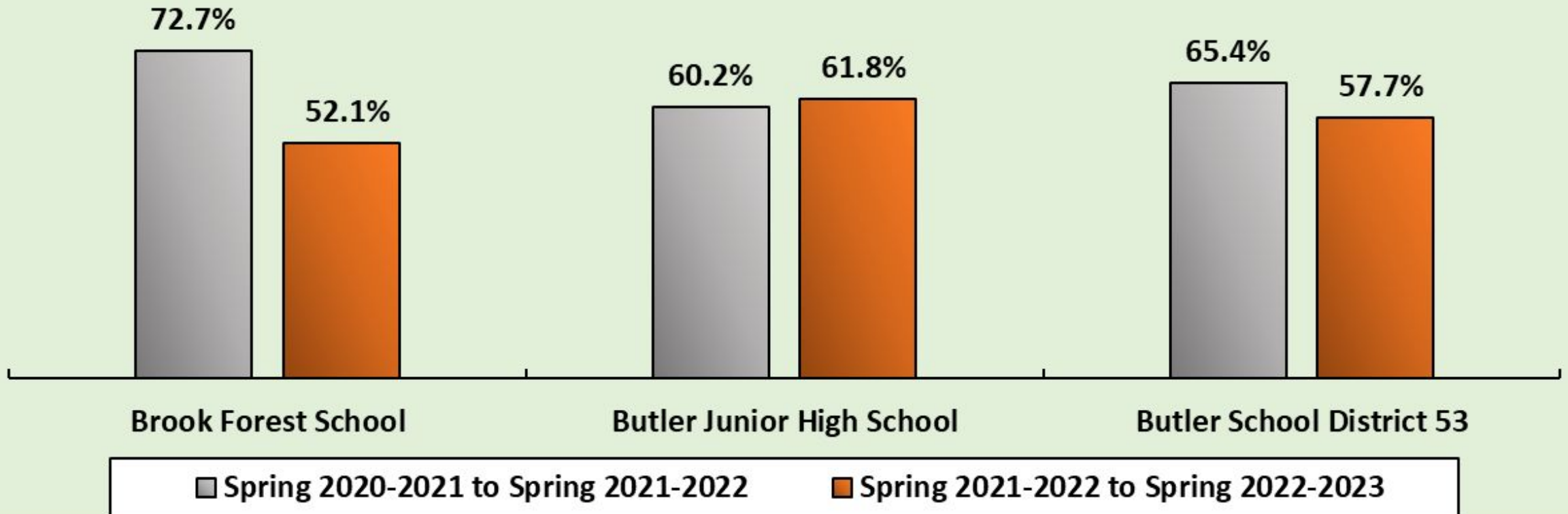
	Brook Forest School	Butler Junior High School	Butler School District 53
Spring 2020-2021 to Spring 2021-2022	72.7%	60.2%	65.4%
Spring 2021-2022 to Spring 2022-2023	52.1%	61.8%	57.7%

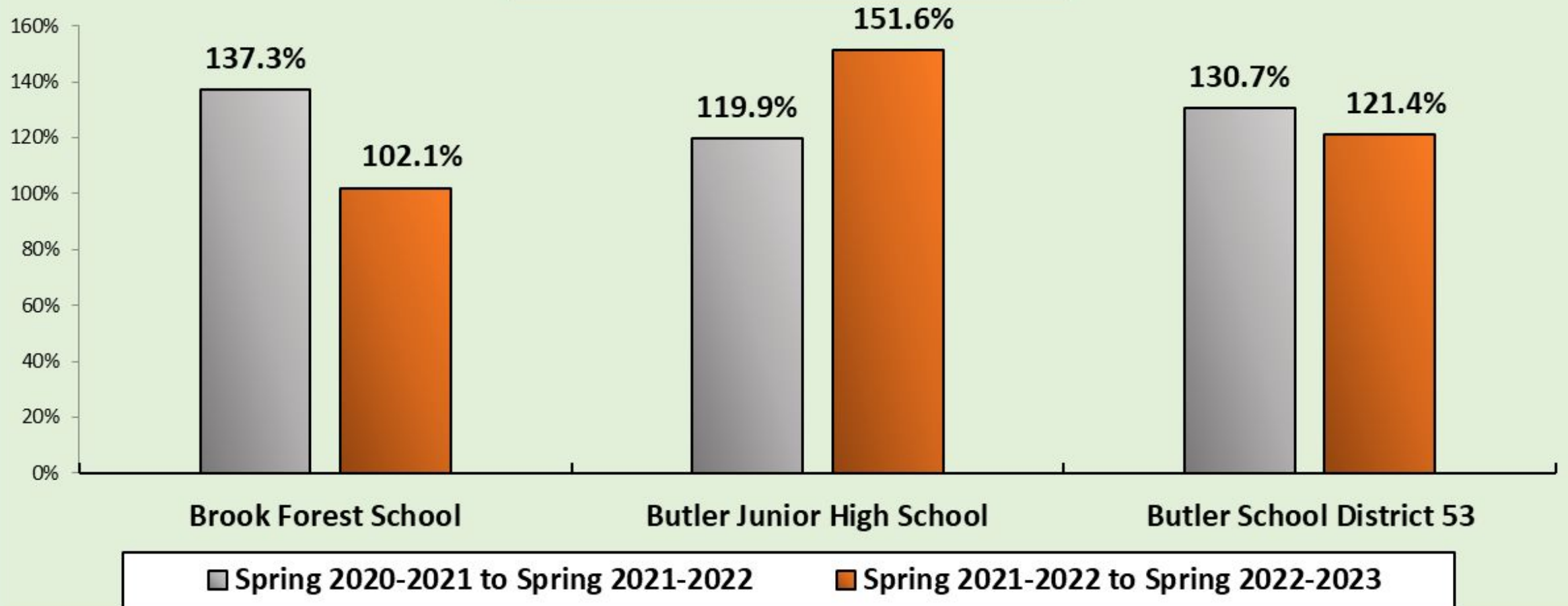**# of Students Pre & Post Tested - Mathematics**

Year	Brook Forest School	Butler Junior High School	Butler School District 53
Spring '22	128	181	309
Spring '23	121	170	291

Math Growth - % of Growth Target Met

Grade	Spring 2020-2021 to Spring 2021-2022	Spring 2021-2022 to Spring 2022-2023
3rd	171%	99%
4th	111%	91%
5th	138%	114%
6th	11%	70%
7th	143%	188%
8th	166%	145%
All	131%	121%

% 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

Math Growth - % of Growth Target Met

	Brook Forest School	Butler Junior High School	Butler School District 53
Spring 2020-2021 to Spring 2021-2022	137.3%	119.9%	130.7%
Spring 2021-2022 to Spring 2022-2023	102.1%	151.6%	121.4%

Legend: □ Spring 2020-2021 to Spring 2021-2022   ■ Spring 2021-2022 to Spring 2022-2023

% 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

	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	35	207.7	217.6	9.9	51.4%	99.1%	12	81.6%	16	109.3%	22	93.8%	13	107.2%
4th Grade	37	225.3	233.6	8.3	45.9%	91.3%	18	89.5%	16	98.6%	19	99.4%	18	82.9%
5th Grade	49	231.1	239.9	8.7	57.1%	114.4%	22	127.3%	25	99.5%	28	127.4%	21	97.5%
6th Grade	41	244.8	246.5	1.7	48.8%	69.6%	24	57.1%	14	60.5%	19	45.1%	22	94.1%
7th Grade	63	244.5	253.0	8.5	73.0%	187.7%	32	219.4%	31	157.5%	37	194.6%	26	178.2%
8th Grade	66	247.6	253.9	6.4	59.1%	144.8%	36	192.4%	23	70.3%	28	170.2%	38	126.6%
Overall	291	236.1	243.3	7.2	57.7%	121.4%	144	137.1%	125	106.5%	153	127.7%	138	114.1%

% 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

Spring 2021-2022 to Spring 2022-2023	MATHEMATICS - Growth by Attainment Level											
Spring '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	192.0%	9	121.6%	8	85.5%	16	74.3%	35	99.1%
4TH GRADE			<5	210.0%	5	89.4%	7	69.8%	23	86.8%	37	91.3%
5TH GRADE			<5	194.1%	10	73.8%	14	125.9%	23	118.2%	49	114.4%
6TH GRADE			<5	-27.8%	5	-22.2%	5	133.3%	27	118.5%	41	69.6%
7TH GRADE			<5	131.3%	16	173.8%	10	162.0%	34	211.5%	63	187.7%
8TH GRADE			<5	120.0%	18	33.3%	12	125.0%	32	235.2%	66	144.8%
Overall			17	140.5%	63	93.5%	56	112.4%	155	136.7%	291	121.4%

% 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