



DISTRICT 90 STUDENT GROWTH AND ACHIEVEMENT

NOVEMBER 20, 2023

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**River Forest
Public Schools**

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River Forest Public Schools

D90 Assessment Philosophy

“District 90 is committed to a balanced approach to assessment to ensure educational excellence for every child. This careful balance of instruction and assessment facilitates instructional decision-making to support the growth and achievement for all learners.”

“ To inspire a love of learning and ensure educational excellence for every child ”



River Forest
Public Schools

Student Growth and Achievement Presentation Topics

- What is student growth versus achievement?
- Overview of Illinois Assessment of Readiness (IAR)
 - D90 versus State performance 2022-2023
 - ECRA Group District Percentile Report
 - Student Growth Percentile (SGP) in English language arts and math
 - Summary observations
- Measures of Academic Progress (MAP)
 - Cohort achievement for reading and math 2019-2023
 - Cohort Student Growth Percentiles (SGP) for reading and math 2019-2023
 - Summary Observations
- Conclusions



What is Student Growth Versus Student Achievement?



Growth measures how students progress over time



Achievement measures a single point in time that evaluates how well a student performs against a standard or set of standards

Illinois Assessment of Readiness

Aligned to Illinois Learning Standards incorporating Common Core

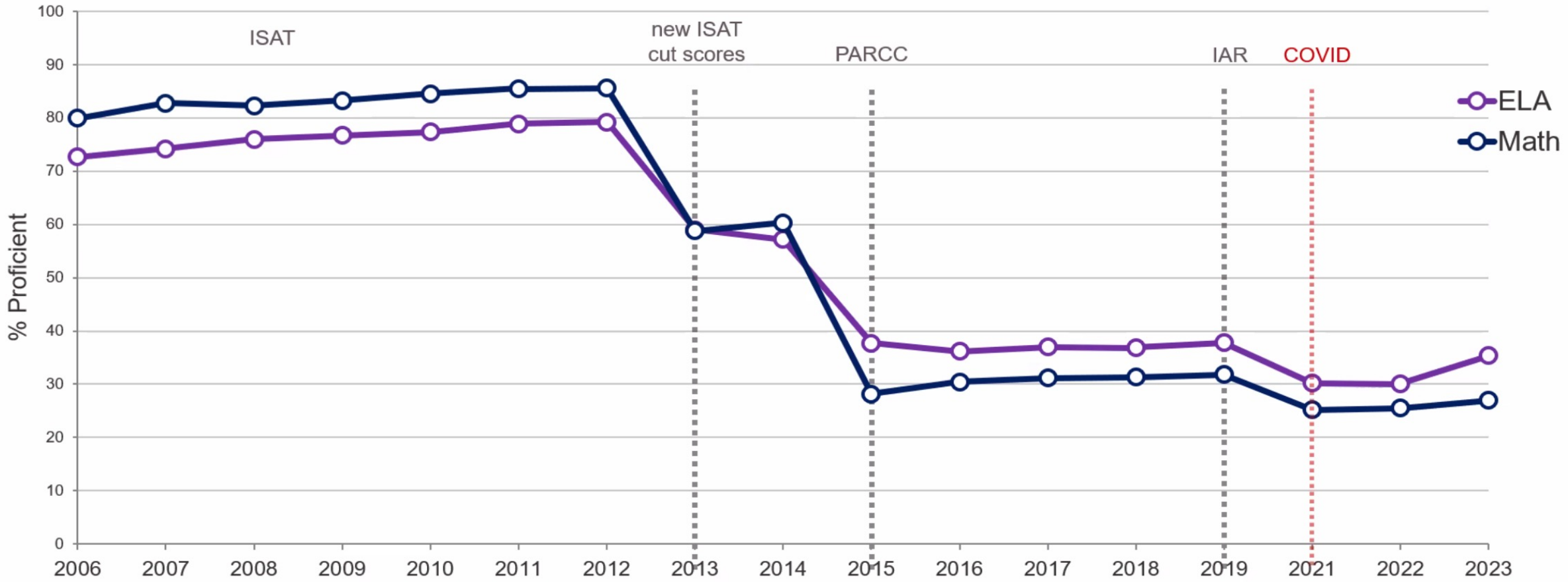
Provides student academic proficiency and growth data in English language arts and mathematics

Administered to all students in grades 3 – 8

Replaced the Partnership for Assessment of Readiness for College and Careers (PARCC) in 2015

Illinois State Proficiency Over Time

*NOTE: Illinois received a federal waiver and did not administer IAR in 2020.



Math	80.0	82.8	82.3	83.3	84.6	85.5	85.6	58.8	60.3	28.2	30.4	31.2	31.3	31.8	25.2	25.4	27.0
ELA	72.7	74.2	76	76.7	77.4	78.9	79.2	59	57.2	37.7	36.2	37	36.9	37.8	30.2	30.1	35.4

Illinois Assessment of Readiness: English Language Arts 2022-23

Percent Meets/Exceeds D90 Versus State Performance

Grade Level	District 90 2022	State 2022	District 90 2023	State 2023
3	64%	27.4%	65.6%	28.8%
4	75.6%	32.6%	80.5%	35.4%
5	57.4%	30.1%	63%	35.2%
6	57%	28.4%	61.6%	34.2%
7	60.6%	32%	65%	37.9%
8	57.1%	30.3%	67.7%	40.5%

Illinois Assessment of Readiness: Mathematics 2022-23

Percent Meets/Exceeds D90 Versus State Performance

Grade Level	District 90 2022	State 2022	District 90 2023	State 2023
3	72.9%	33.8%	59%	33%
4	56.5%	26.2%	68.8%	27.7%
5	47.7%	23.8%	58.4%	25.6%
6	50.9%	20.4%	50%	23.4%
7	64.2%	25.8%	64.4%	26.9%
8	57.7%	23.1%	60.9%	25.7%

Table 1. Student Achievement

* The state value columns report values at the 50th percentile across all districts in the state.

Indicator	State Value*	2022		State Value*	2023		Change 2022 to 2023	
		District Value	District Percentile		District Value	District Percentile	District Value	District Percentile
ELA Proficiency	28.5%	61.6%	96	33.8%	65.9%	96	+4.3%	0
Math Proficiency	22.9%	57.0%	96	23.8%	59.2%	96	+2.2%	0
ISA Science Proficiency	53.9%	73.1%	88	54.9%	78.8%	94	+5.7%	+6
ELA Participation	98.9%	98.4%	36	99.1%	98.7%	35	+0.3%	-1
Math Participation	98.7%	98.4%	40	99.0%	98.5%	32	+0.1%	-8
ELA Growth Percentile	49.1	56.1	82	48.6	55.0	79	-1.1	-3
Math Growth Percentile	48.6	50.5	62	48.4	58.0	95	+7.5	+33
8th Grade Students Passing Algebra I	20.9%	94.1%	97	22.7%	94.5%	97	+0.4%	0

Figure 1. Proficiency Distribution of Illinois Districts - ELA

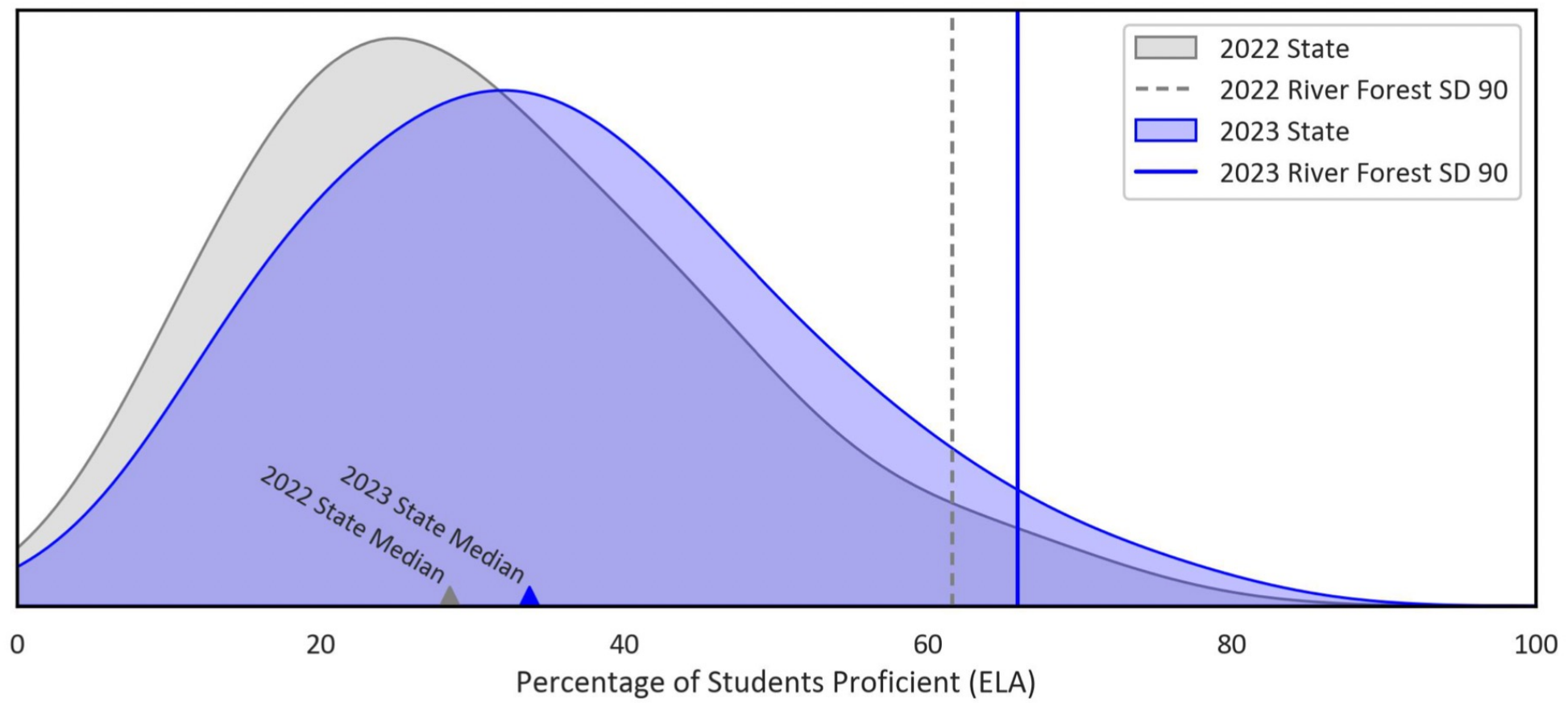
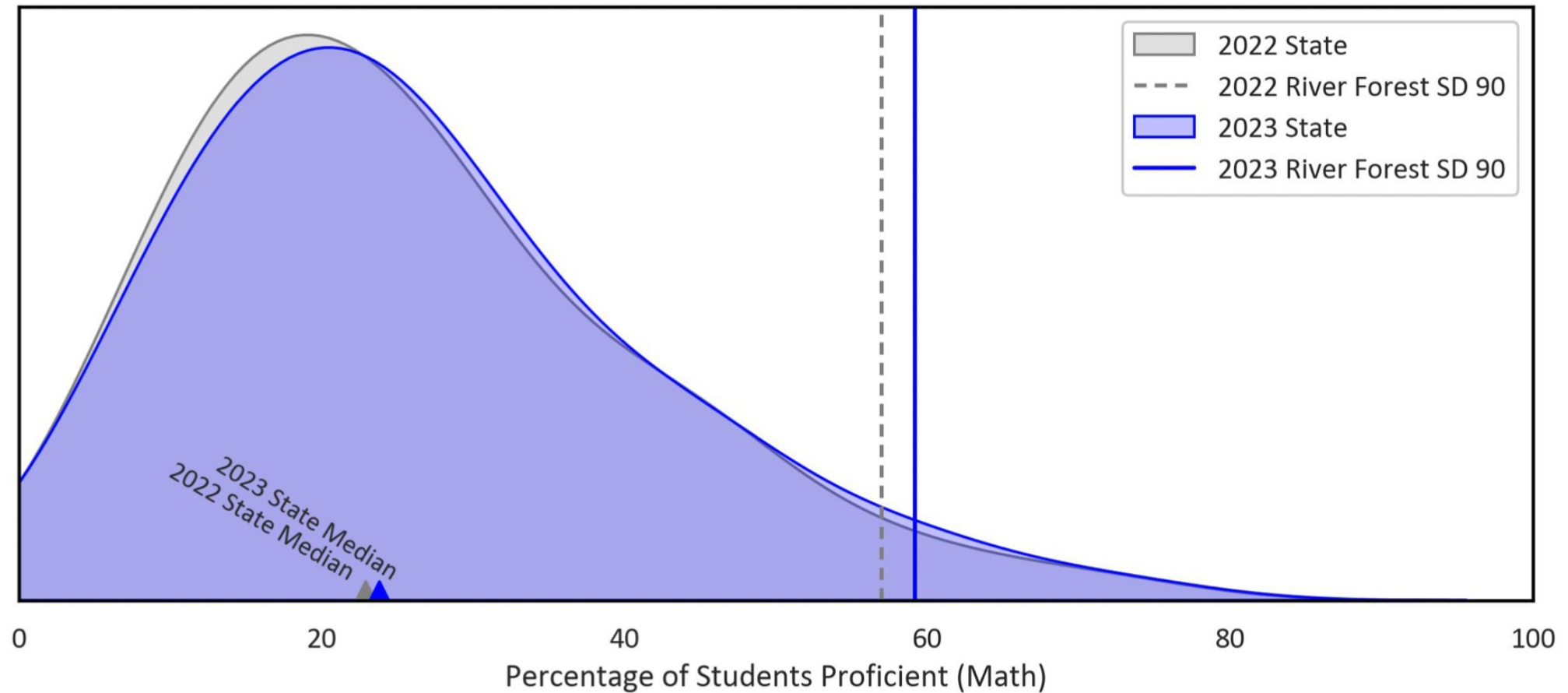


Figure 2. Proficiency Distribution of Illinois Districts - Math



What is a “good” student growth percentile?

23

For Schools & Groups

- 60 and above is excellent
- 54 to 60 is above average
- 50 ± 3 is average
- 44 to 40 has room for improvement but is not immediately concerning
- Below 40 is cause for concern

A mean SGP is like your average mph. You might have been speeding & crawling or keeping a steady pace over time, but the average is the same.

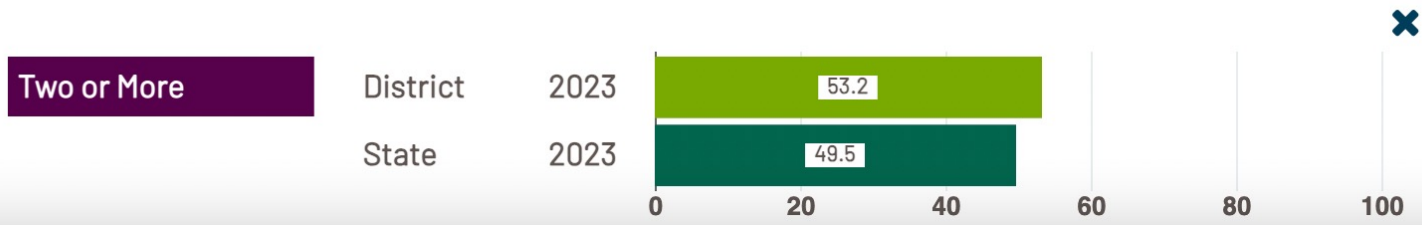
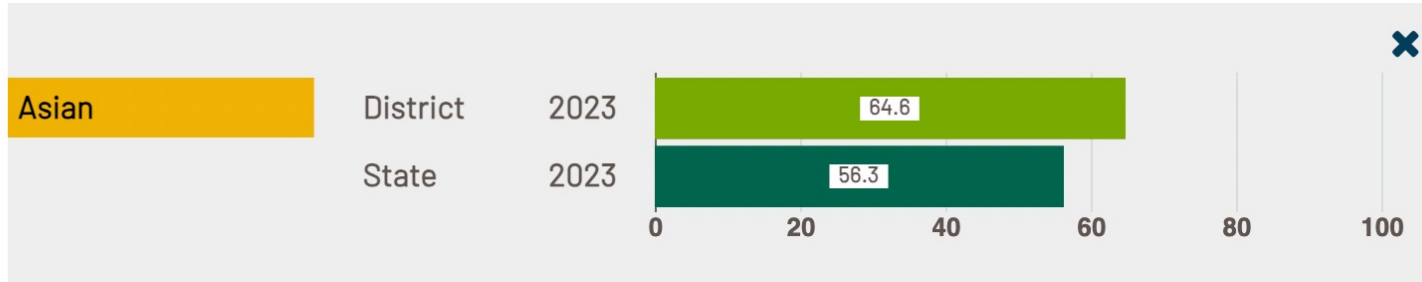
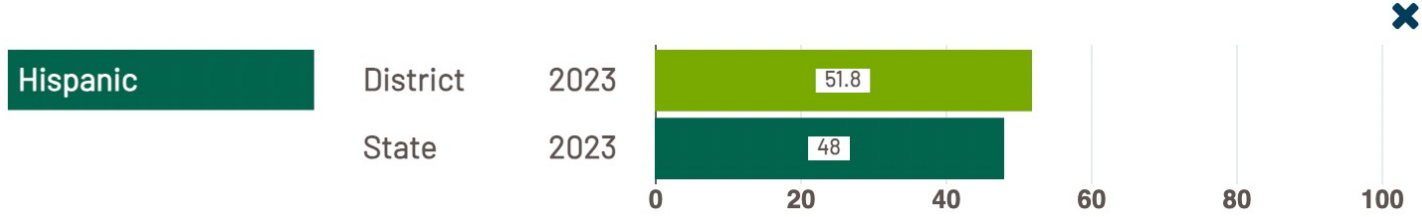
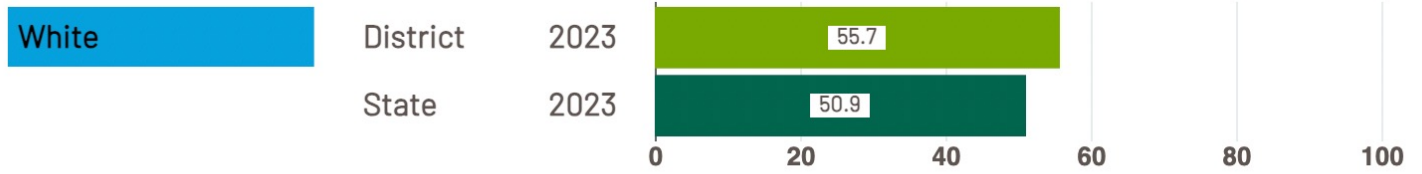
For Students

- 85 and above is excellent
- 58 to 84 is above average
- 50 ± 8 is average
- 42 to 35 has room for improvement
- 34 and below is cause for concern
 - Interpretive ranges at the bottom are larger, because it's better to intervene sooner

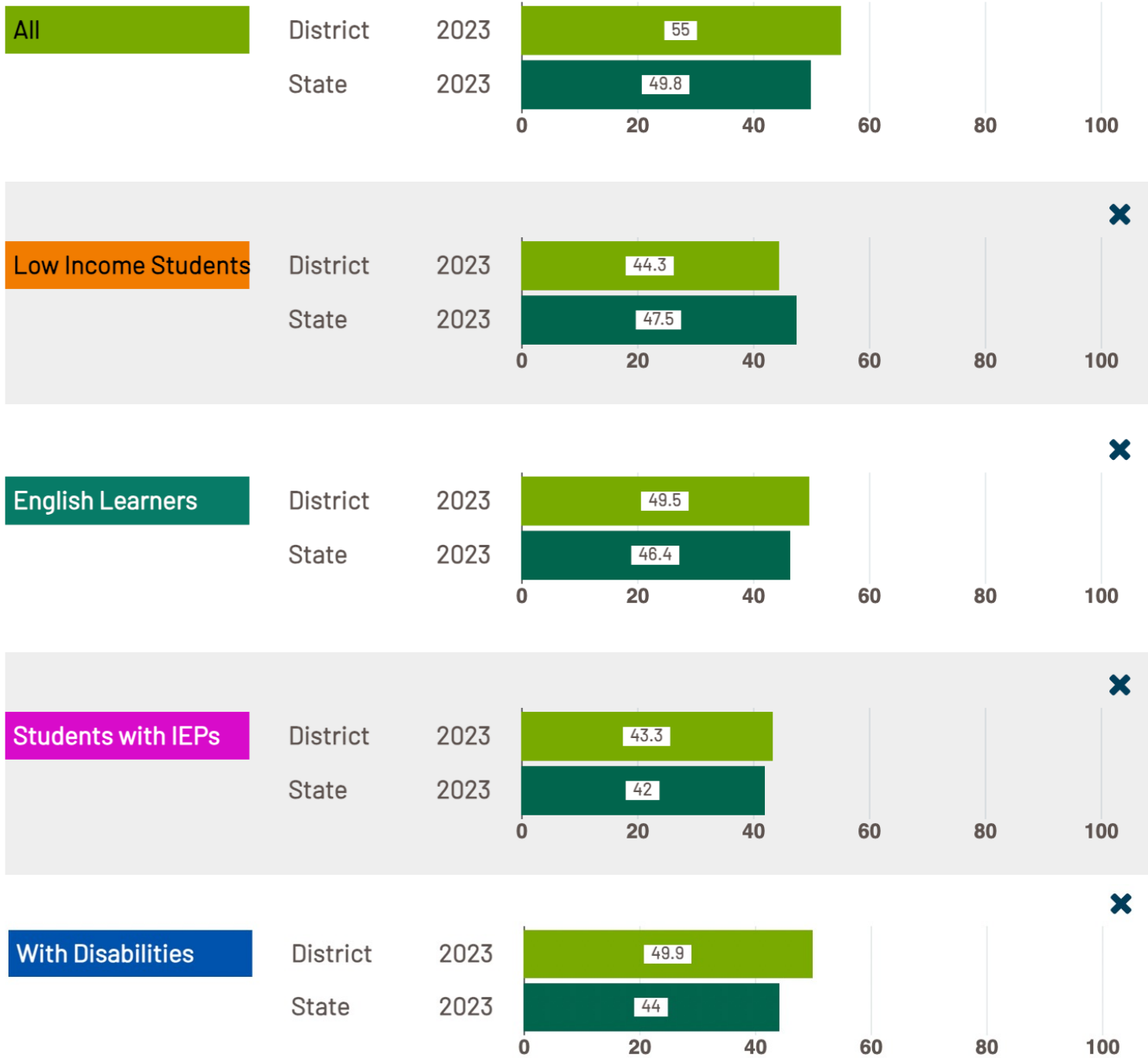


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Illinois Assessment of Readiness 2023 Student Growth Percentiles: English Language Arts

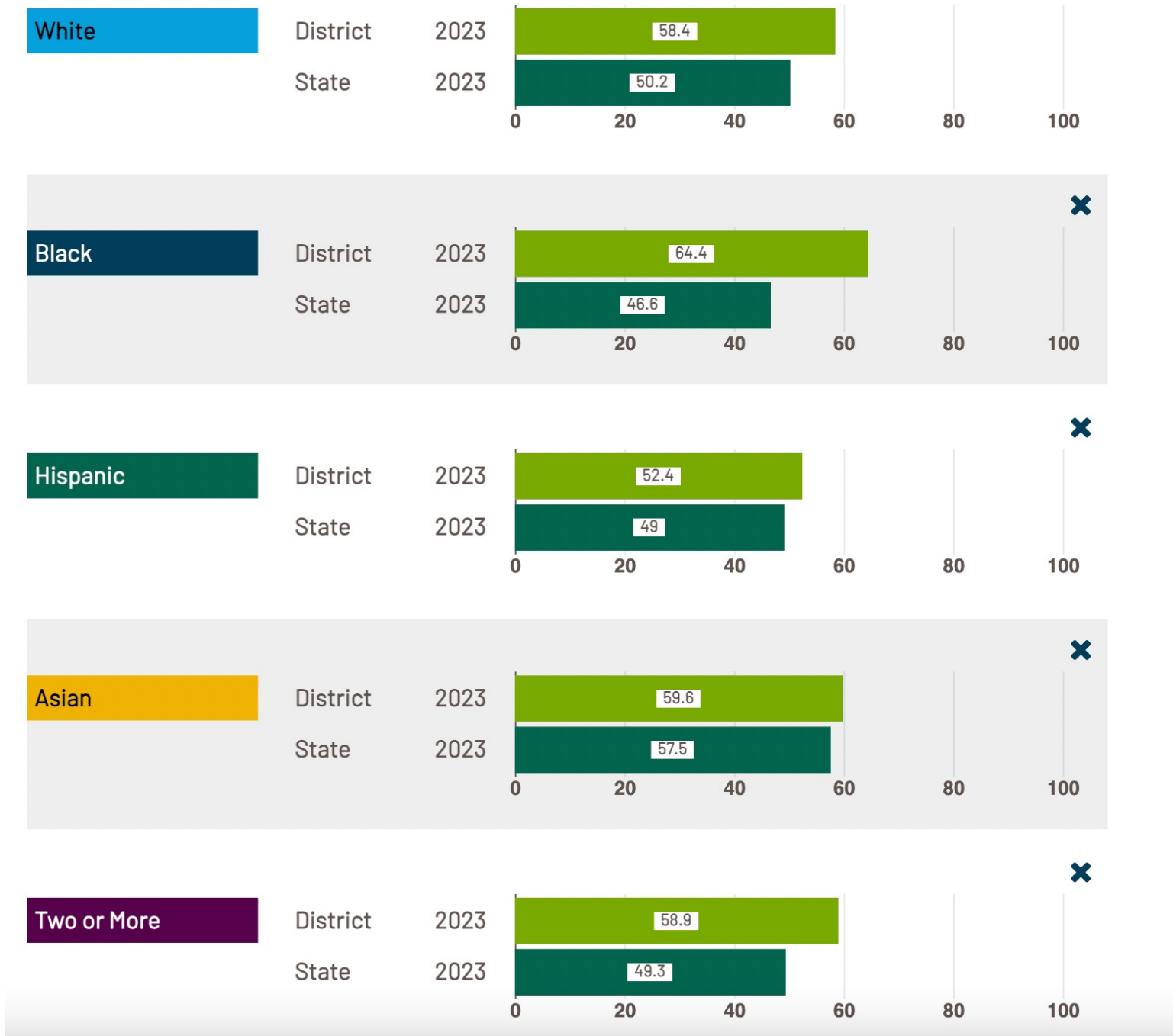


Illinois Assessment of Readiness 2023 Student Growth Percentiles: English Language Arts



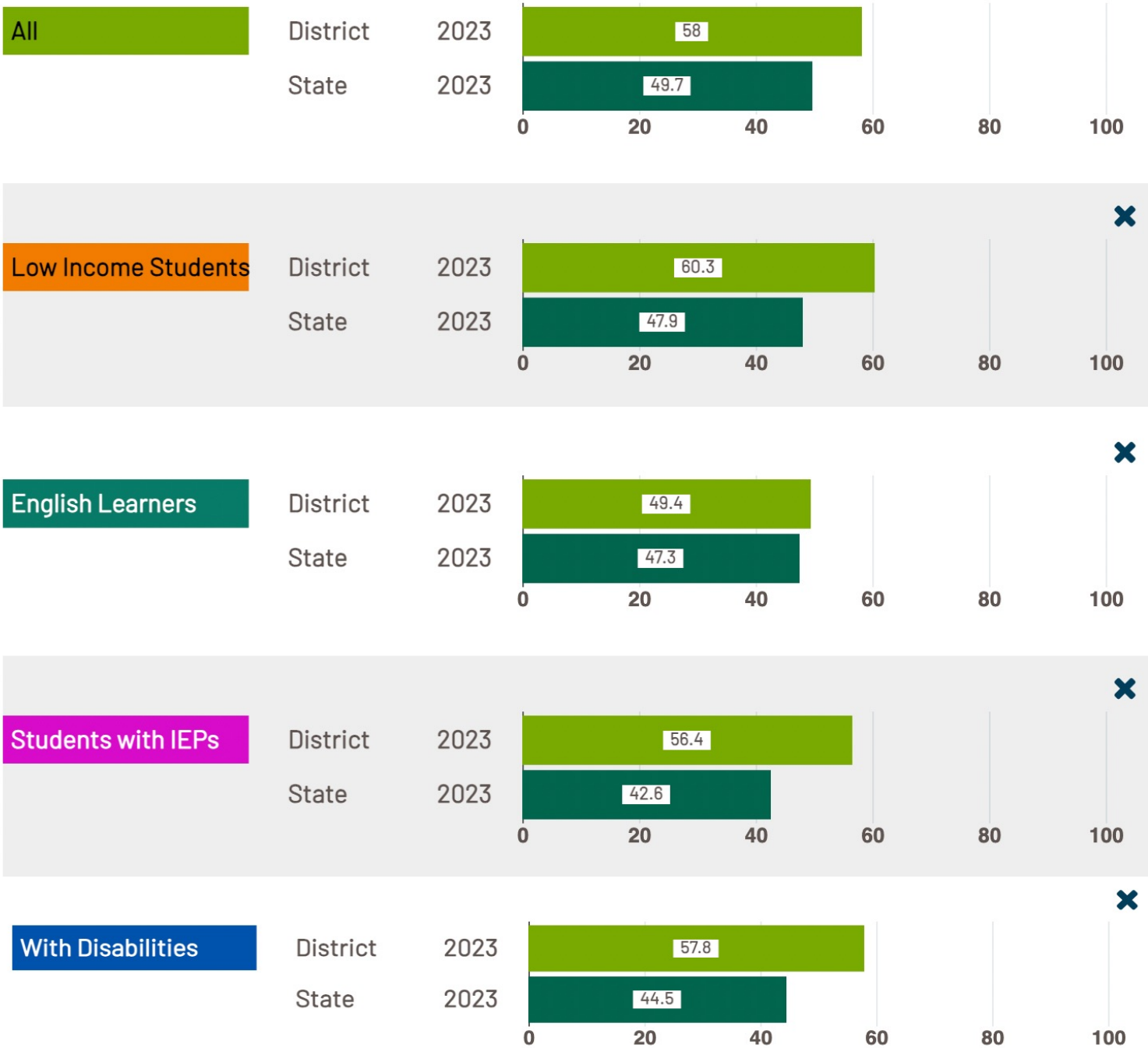
Source: Illinois Report Card 2022-23

Illinois Assessment of Readiness 2023 Student Growth Percentiles: Math



Source: Illinois Report Card 2022-23

Illinois Assessment of Readiness 2023 Student Growth Percentiles: Math



Source: Illinois Report Card 2022-23

Illinois Assessment of Readiness Student Growth Percentile By Stakeholder Groups

English Language Arts

Growth Metric		Stakeholder Group
60+	Excellent	Asian
54 – 60	Above Average	White
50 +/- 3	Average	Hispanic, Students with Disabilities, Two or more Races, English Learners
44 – 40	Room for Improvement	Black, Low Income, IEP

Mathematics

Growth Metric		Stakeholder Group
60+	Excellent	Black, Low Income
54 – 60	Above Average	White, Asian, Two or More Races, IEP, Students with Disabilities
50 +/- 3	Average	Hispanic, English Learners
44 – 40	Room for Improvement	N/A

Summary Observations: Illinois Assessment of Readiness (IAR)

- Percentage of students meeting or exceeding standards is significantly higher than the state in English language arts and mathematics
- D90 is the 96th percentile of all Districts in Illinois for proficiency in English language arts
- D90 is in the 79th percentile of all Districts in Illinois for growth in English language arts
- D90 is in the 96th percentile of all Districts in Illinois for mathematics proficiency
- D90 is in the 95th percentile of all Districts in Illinois for growth in mathematics
- All stakeholder groups were within the average to excellent range for growth in mathematics
- English language arts highlights room for improvement for IEP, Black, and Low Income students
- Significant differences in achievement by race/ethnicity with the exception of ELA grades 3 & 6; math grade 3
- Significant difference in growth in grade 8 ELA between Asian students and other stakeholder groups with the exception of Two or More Races

Measures of Academic Progress (MAP)

- Utilizes adaptive platform to adjust to the individual student
- Aligned to the Illinois Learning Standards for reading and mathematics
- Designed to track student growth over time
- Assessment enhanced for Fall 2023 to increase focus on grade-level content
- Adaptive test items are more "grade level adjacent" than previous assessments to better measure core content as a universal screener
- Comparisons with data from previous administrations should be done with caution

NWEA Research: *Education's Long COVID: 2022-23 Achievement Data Reveal Stalled Progress Toward Pandemic Recovery*

- Overall, achievement gains in 2022-23 lagged pre-pandemic trends in all but the youngest cohort of students
- Achievement falls short by 1-19% in reading and 6-15% in math
- Most notable departure from pre-pandemic trends is in the upper grades for reading
- 2022-23 gains for nearly all stakeholder groups lagged pre-COVID national averages, especially middle school reading
- Math gains were more disparate across groups in the pre-COVID samples

Source: Center for School and Student Progress, July 2023.

MAP Reading: Grades 3-8 National Percentile Rank Cohort Data Spring 2019 - 2023

Grade Level	2019	2020*	2021	2022	2023
3	96	-	94**	90	91
4	96	-	87**	94	94
5	93	-	89	78	86
6	95	-	96	89	85
7	92	-	96	92	90
8	92	-	93	90	86

*NWEA-MAP not given Spring 2020 due to COVID-19

**NWEA-MAP Winter to Spring measure

MAP Math : Grades 3-8 National Percentile Rank Cohort Data Spring 2019 - 2023

Grade Level	2019	2020*	2021	2022	2023
3	93	-	87**	82	91
4	96	-	82**	92	91
5	93	-	81	87	85
6	94	-	89	87	85
7	95	-	91	92	89
8	90	-	91	91	91

*NWEA-MAP not given Spring 2020 due to COVID-19

**NWEA-MAP Winter to Spring measure

MAP Reading: Grades 3-8 Student Conditional Growth Percentile(CGP)* Spring 2019 - 2023

Grade Level	2019	2020**	2021	2022	2023
3	49	-	59***	47	47.5
4	53	-	53***	45	57
5	42	-	42	43	40
6	54	-	53	50	46
7	51	-	50	49	51
8	55	-	44	49	41.5

*CGP Target is 55 or greater

**NWEA-MAP not given Spring 2020 due to COVID-19

***NWEA-MAP Winter to Spring measure

MAP Math : Grades 3-8 Student Conditional Growth Percentile (CGP)* Spring 2019 - 2023

Grade Level	2019	2020**	2021	2022	2023
3	49	-	77***	64	50
4	53	-	55***	58	50
5	42	-	33	60	24
6	54	-	43	61	58
7	51	-	33	65	53
8	55	-	24	48	38.5

*CGP Target is 55 or greater

**NWEA-MAP not given Spring 2020 due to COVID-19

***NWEA-MAP Winter to Spring measure

MAP Reading: Grades 3-8 National Percentile Rank Cohort Data Fall 2019 - 2023

Grade Level	2019	2020*	2021**	2022	2023
3	93	-	-	-	-
4	96	-	-	96	91
5	95	97	-	95	95
6	96	97	92	89	90
7	96	98	95	94	84
8	96	96	95	94	89

*NWEA-MAP not given due to COV*ID-19

**NWEA-MAP not administered to grades 3-4 in Fall due to remote learning

MAP Math: Grades 3-8 National Percentile Rank Cohort Data Fall 2019 - 2023

Grade Level	2019	2020*	2021**	2022	2023
3	91	-	-	-	-
4	94	-	-	93	87
5	96	95	-	96	88
6	95	94	85	85	85
7	96	96	92	91	89
8	97	97	95	95	94

*NWEA-MAP not given Spring 2020 due to *COVID-19

*NWEA-MAP not administered to grades 3-4 in Fall due to remote learning

MAP Reading: Grades 3-8 Student Conditional Growth Percentile (CGP)* Fall 2019 - 2023

Grade Level	2019	2020**	2021***	2022	2023
3	33	-	-	-	-
4	43	-	-	54	52
5	41	51	-	42	49.5
6	50	62	39	57	38
7	55	63	44	61	39
8	56	59	41	56	44

*CGP Target is 55 or greater

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MAP Math: Grades 3-8 Student Conditional Growth Percentile (CGP)* Fall 2019 - 2023

Grade Level	2019	2020**	2021***	2022	2023
3	52	-	-	-	-
4	58	-	-	68	50
5	56	51	-	63	40
6	42	44	30	53	24
7	54	53	41	60	53
8	54	56	37	67	64

*CGP Target is 55 or greater

**NWEA-MAP not given Spring 2020 due to COVID-19

***NWEA-MAP not administered to grades 3-4 in Fall due to remote learning

MAP Reading : Grades 3-8 Student Conditional Growth Percentile* by Gender Fall 2023

Grade Level	Boys	Girls
3	-	-
4	54	47
5	61	40
6	34	41
7	37	42
8	48	41

*Conditional Growth Percentile target is 55 or greater

MAP Math : Grades 3-8 Student Conditional Growth Percentile* by Gender Fall 2023

Grade Level	Boys	Girls
3	-	-
4	50	46
5	41	39
6	17.5	37.5
7	49	57.5
8	63	65

*Conditional Growth Percentile target is 55 or greater

Total Number of D90 Students in Each Race/Ethnicity Stakeholder Group 2023

Grade Level	Asian	African American or Black	Hispanic or Latino	Two or More Races	White
3	13	4	16	23	98
4	9	7	9	12	88
5	14	12	17	18	116
6	10	10	24	14	93
7	9	7	13	16	118
8	13	12	24	16	96

MAP Reading: Grades 3-8 Student Conditional Growth Percentile* by Race/Ethnicity Spring 2023

Grade Level	Asian	African American or Black	Hispanic or Latino	Two or More Races	White
3	49	90	48	37	50
4	49	73.5	30	71.5	56
5	37.5	42	44	40	41.5
6	29	31	56	39.5	49
7	45	22	52	46.5	51
8	52	29.5	29.5	52	37.5

*Conditional Growth Percentile target is 55 or greater

MAP Math: Grades 3-8 Student Conditional Growth Percentile* by Race/Ethnicity Spring 2023

Grade Level	Asian	African American or Black	Hispanic or Latino	Two or More Races	White
3	50	66.5	37.5	36	50.5
4	46	27.5	51	68.5	47.5
5	12	43.5	29	24	24
6	72	43	55	52	57.5
7	64	10	40	69.5	53
8	62	23.5	28	39.5	41.5

*Conditional Growth Percentile target is 55 or greater

Summary Observations: Measures of Academic Progress (MAP)

Reading

- Spring achievement in grades 3 & 5 reflect increases in reading
- Spring achievement in grades 6-8 reflect continued decrease in reading
- Spring reading growth increased in grades 3, 4 & 7 and declined in grades 5, 6, & 8
- Fall reading achievement in grades 5, 6, & 8 benchmark higher than in the Spring
- Fall reading growth increased in grade 5 and declined in grades 4, 6, 7 & 8

Math

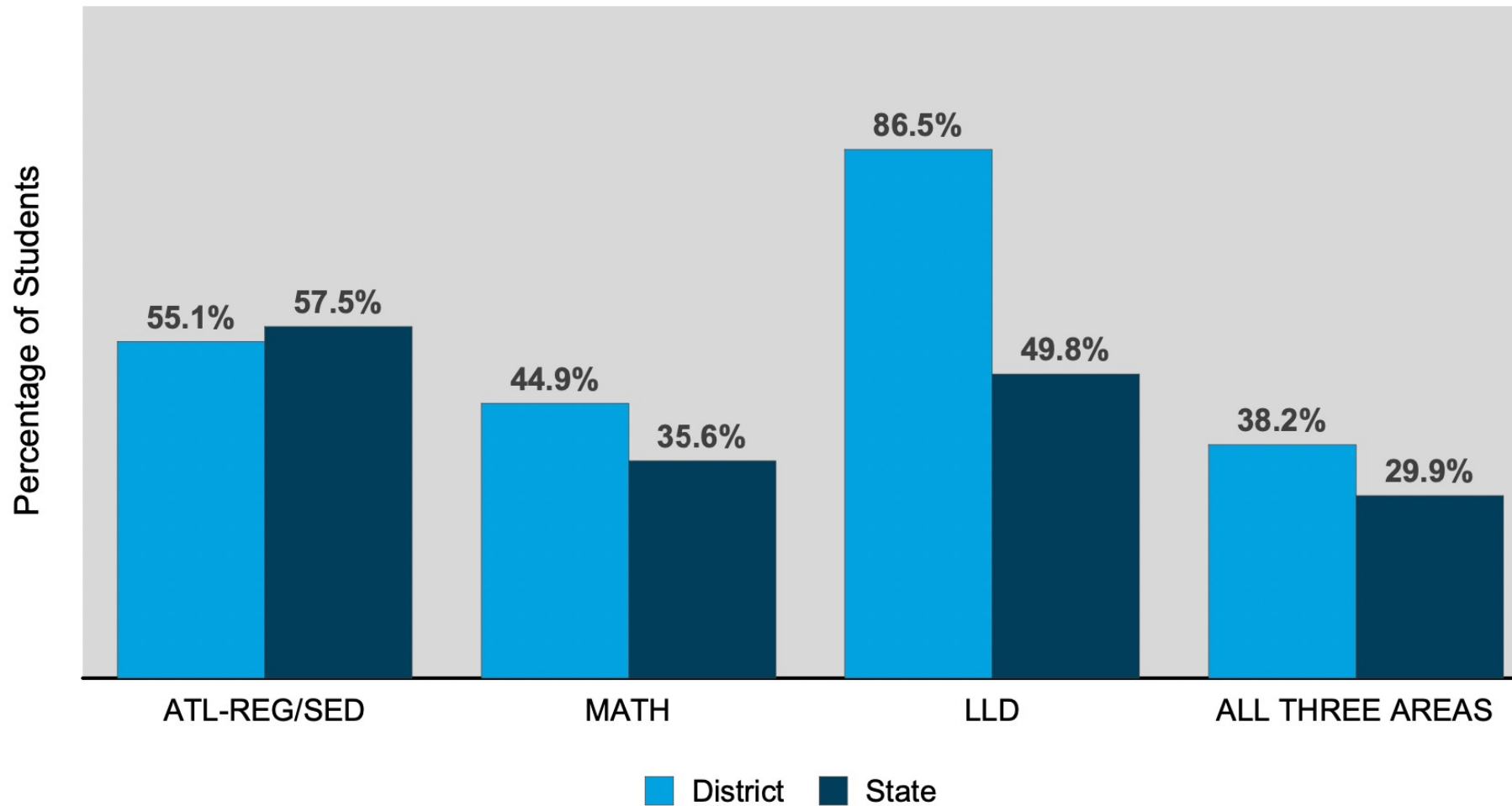
- Spring achievement increased for grade 3
- Spring growth met or exceeded 50 for grades 3, 4, 6 & 7
- Spring significant growth differences by race/ethnicity in grade 7
- Fall achievement decrease in grades 4 & 5
- Fall significant difference by gender in grade 6 math (girls>boys)
- Fall growth met or exceeded 50 in grades 4, 7 & 8

Kindergarten Individual Development Survey (KIDS) 2023

- Assesses developmental readiness of children entering kindergarten in the areas of language and literacy development, math, and regulation/social emotional development
- Composed of 14 State Readiness Measures
- Observational assessment administered by teacher
- Completed by the 40th day of school

Kindergarten Individual Development Survey (KIDS) 2023

Percentage of Students Demonstrating Kindergarten Readiness in Each Developmental Area



	Developmental Area									
	ATL-REG/SED		MATH		LLD		ALTERNATE LLD		ALL THREE AREAS	
	Count	Count	Count	Count	Count	Count	Count	Count	Count	Count
Demonstrating Kindergarten Readiness	55.1%	49	44.9%	40	86.5%	77		0	38.2%	34
Need Additional Support	44.9%	40	55.1%	49	13.5%	12		0	13.5%	12
Observed in All Three Developmental Areas		89		89		89		0		

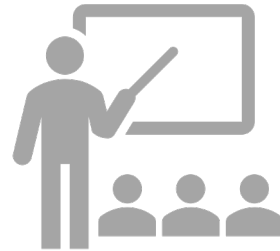
The above summary data grid displays the percentage of those children who have not yet met the Illinois Early Learning Standards and are growing into kindergarten readiness and those students who have met the Illinois Early Learning Standards and are ready to learn kindergarten curriculum as measured by the 14 State Readiness Measures.

Kindergarten Individual Development Survey (KIDS) 2023

Conclusions



D90 MAP results mirror NWEA research findings of stalled progress toward recovery, especially with middle school reading in grades 7 & 8



MAP data for grade five continues to be an outlier that requires deeper investigation of student needs



Review of lower MAP achievement and growth by grade level should be looked at more intensively by content area and stakeholder groups



Questions?