Every Student Succeeds Act (ESSA) Accountability *Rebuild* Phase

Rebuild Phase Information Webinars:

Weighted Average Achievement and Core Subject Performance (Elementary/Middle Level)

2023-24 School Year (SY) Based on 2022-23 Results and
2024-25 SY Based on 2023-24 SY Results

In This Webinar

Restart Accountability Indicators

Indicators Calculated in the 2022-23 SY (using 2021-22 SY Results)	
Elementary/Middle	High School
Weighted Average Achievement	Weighted Average Achievement
Core Subject Performance	Core Subject Performance
ELP	ELP
Chronic Absenteeism	Chronic Absenteeism
~~Student Growth~~	Graduation Rate

Overview

Restart

- 2022-23 SY based on 2021-22 SY results
- United States Department of Education (USDE) approved one-year state plan addendum to ESSA plan

Rebuild

- 2023-24 SY based on 2022-23 SY results and 2024-25 SY based on 2023-24 SY results
- USDE approved amendments to ESSA plan in Sept. 2023

Reimagine

- 2025-26 SY and beyond

Rebuild Accountability Indicators

Indicators Calculated in the 2023-24 and 2024-25 SYs (using 2022-23 and 2023-24 SY results, respectively)	
Elementary/Middle	High School
Weighted Average Achievement	Weighted Average Achievement
Core Subject Performance	Core Subject Performance
ELP	ELP
Chronic Absenteeism	Chronic Absenteeism
Student Growth (Informational)	Graduation Rate
	CCCR (Informational)

Academic Performance Indicators

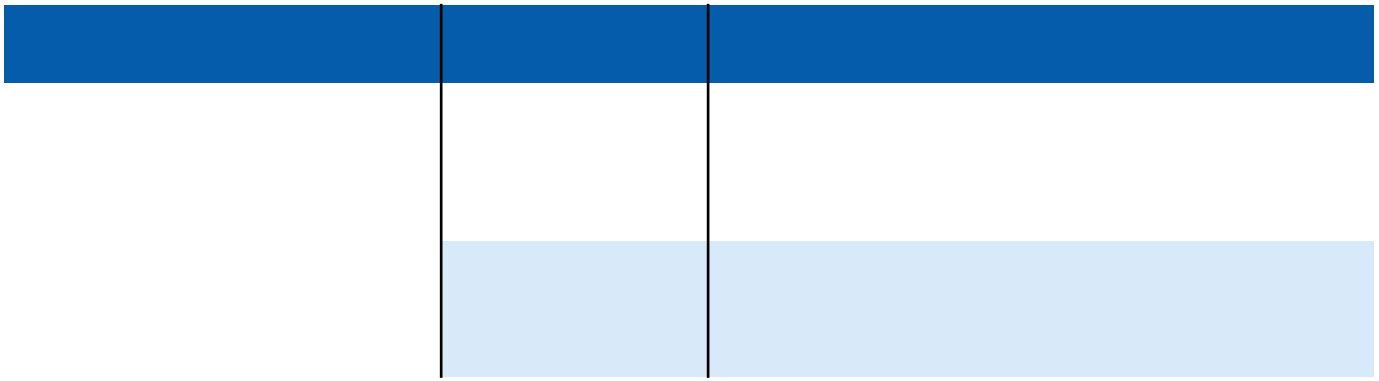
Weighted Average Achievement

Step 2:

Calculate a Weighted Average of the ELA and Math Indices

1. Sum the ELA and Math Indices' calculated numerators from Step 1
2. Sum the ELA and Math Indices' denominators from Step 1
3. Divide the resulting numerator by the resulting denominator
4. Multiply that result by 100

n-size = 30 or more continuously enrolled student results, combined for ELA and Math



Weighted Average Achievement

Step 4:
Assign a Level based on where the school fell in the rank

Weighted Average Achievement Levels

Rank	Level
10% or less	1
10.1 to 50%	2
50.1 to 75%	3
Greater than 75%	4

School	Weighted Average Achievement Index	Rank	Rank Range	Weighted Average Achievement Level
School A	45	1	10% or less	1
School J	60	2	10.1 to 50%	2
School G	75	3	10.1 to 50%	2
School D	82	4	10.1 to 50%	2
School B	118	5	10.1 to 50%	2
School F	127	6	50.1 to 75%	3
School H	148	7	50.1 to 75%	3
School I	153	8	Greater than 75%	4
School C	167	9	Greater than 75%	4
School E	175	10	Greater than 75%	4

Core Subject Performance

Step 2:

Calculate a Core Subject Performance Index

1. Sum the ELA and Math Performance Indices' calculated numerators from Step 1
2. Sum the ELA and Math Performance Indices' denominators from Step 1
3. Divide the resulting numerator by the resulting denominator
4. Multiply that result by 100

n-size = 30 or more continuously enrolled tested student results, combined for ELA and Math

Note: Special rules apply if the Weighted Average Achievement Index n-size ≥ 30 and Core

Example #1: Weighted Average Achievement

Step 1: Calculate ELA and Math Indices

School G – All Students Subgroup

Subject	# of Continuously Enrolled Students	# of Continuously Enrolled Tested Students	95% of Continuously Enrolled Students	# Level 1	# Level 2	# Level 3	# Level 4	Numerator	Denominator	Index
ELA	100	60	95	20	25	13	2			
Math	100	58	95	21	26	10	1			

Formula: $100 \frac{z}{\text{ض ص ض ذ ص س س ش ص ص ز ت}}$

Subject	# of Continuously									

Example #1: Weighted Average Achievement

Step 3: Rank order schools by Weighted Average Achievement Index

School	Weighted Average Achievement Index
School A	147.9
School B	119.5
School C	98.7
School D	128.4
School E	172.7
School F	185.3
School G	55
School H	89
School I	159
School J	138.1

School	Weighted Average Achievement Index	Rank
School G	55	1
School H	89	2
School C	98.7	3
School B	119.5	4
School D	128.4	5
School J	138.1	6
School A	147.9	7
School I	159	8
School E	172.7	9
School F	185.3	10

Example #1: Weighted Average Achievement

School	Weighted Average Achievement Index	Rank	Rank Range	Weighted Average Achievement Level
School G	55	1	10% or less	1
School H	89	2	10.1 to 50%	2
School C	98.7	3	10.1 to 50%	2
School B	119.5	4	10.1 to 50%	2
School D	128.4	5	10.1 to 50%	2
School J	138.1	6	50.1 to 75709 Td[(S)-0.7 (c)-5.3 (ho(/P	
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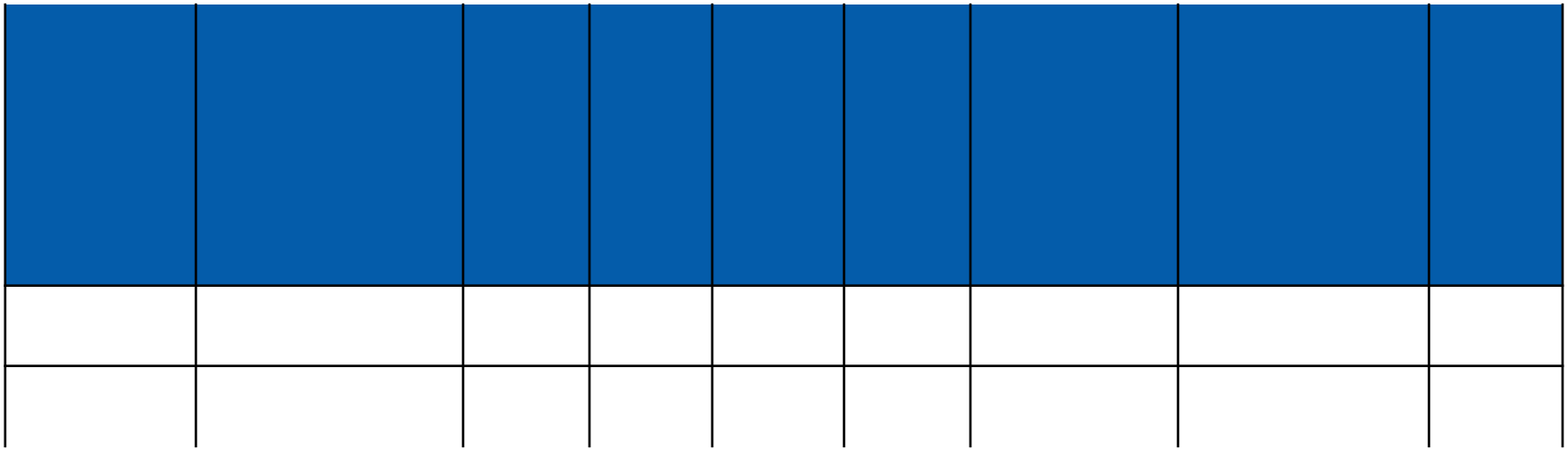


Example #1: Core Subject Performance

Step 1: Calculate ELA and Math Performance Indices

ELA PI: $100 \times \frac{\text{ELA}}{\text{ELA}_{\text{Proficiency}}} = 93.3$

Math PI: $100 \times \frac{\text{Math}}{\text{Math}_{\text{Proficiency}}} = 83.6$

Example #1: Core Subject Performance

Step 3: Rank order schools by their Core Subject Performance Index

School	Core Subject Performance Index
School A	155.7
School B	119.5
School C	101.3
School D	130.9
School E	194.8
School F	215.4
School G	88.6
School H	83.1
School I	178.3
School J	149.1

School	Core Subject Performance Index	Rank
School H	83.1	1

Example #1: Core Subject Performance

Step 4: Assign a Level based on where the school fell in the rank

Core Subject Performance Levels

Rank	Level
10% or less	1
10.1 to 50%	2
50.1 to 75%	3
Greater than 75%	4

School	Core Subject Performance Index	Rank	Rank Range	Core Subject Performance Level
School H	83.1	1	10% or less	1
School G	88.6	2	10.1 to 50%	2
School C	101.3	3	10.1 to 50%	2
School B	119.5	4	10.1 to 50%	2
School D	130.9	5	10.1 to 50%	2
School J	149.1	6	50.1 to 75%	3
School A	155.7	7	50.1 to 75%	3
School I	178.3	8	Greater than 75%	4
School E	194.8	9	Greater than 75%	4
School F	215.4	10	Greater than 75%	4

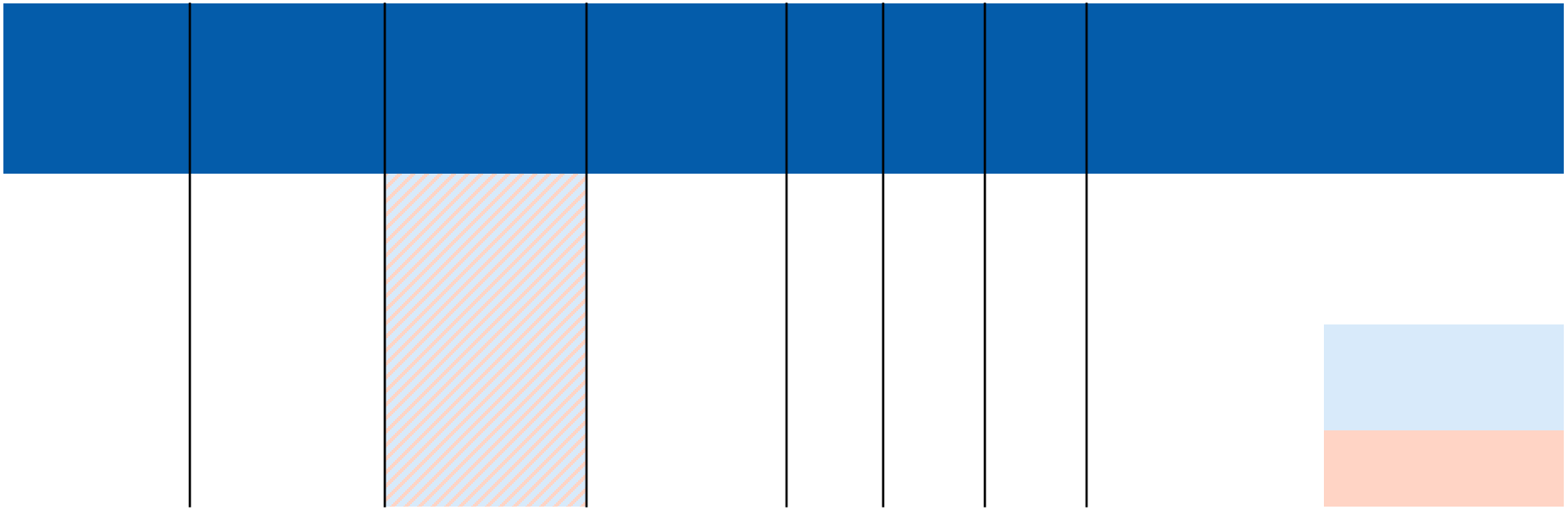
Weighted Average Achievement Index and Core Subject Performance Index, Compared

	# of Continuously Enrolled Students	# of Continuously Enrolled Tested Students	95% of Continuously Enrolled Students	# Level 1	# Level 2	# Level 3	# Level 4	Numerator	Denominator	Index
ELA	100	60	95	20	25	13	2	56		
Math	100	58	95	21	26	10	1	48.5		
Weighted Average Achievement	200	118	190	41	51	23	3	104.5	190	55
Core Subject Performance	200	118	190	41	51	23	3	104.5	118	88.6

Weighted Average Achievement Index and Core Subject Performance Index Numerators:
ELA PI Numerator + Math PI Numerator

Weighted Average Achievement Index Denominator:
(Greater of # of continuously enrolled tested students in ELA *or* 95% of continuously enrolled students) + (Greater of # of continuously enrolled tested students in Math *or* 95% of continuously enrolled students)

Core Subject Performance Index Denominator:
(# of continuously enrolled tested students in ELA) + (# of continuously enrolled tested students in Math)



Subject	# of Continuously Enrolled Students	# of Continuously Enrolled Tested Students	95% of Continuously Enrolled Students	# Level 1	# Level 2	# Level 3	# Level 4	Numerator	Denominator	Index
ELA	273	232	259.4	51	26	60	95	383.5		

Example #2: Weighted Average Achievement

Step 2: Calculate Weighted Average Achievement Index

School H – All Students Subgroup

Subject	# of Continuously Enrolled Students	# of Continuously Enrolled Tested Students	95% of Continuously Enrolled Students	# Level 1	# Level 2	# Level 3	# Level 4	Numerator	Denominator	Index
ELA	273	232	259.4	51	26	60	95	383.5	259.4	147.9
Math	273	228	259.4	57	22	58	91	365.5	259.4	140.9
Weighted Average Achievement								749	518.8	144.4

Weighted Average Achievement Index : $100 \times \frac{\text{ز}}{\text{ن}} = 144.4$

Example #2: Weighted Average Achievement

School	Weighted Average Achievement Index	Rank
School C	62.2	1
School E	88.9	2

Example #2: Weighted Average Achievement

Step 4: Assign a Level based on where the school fell in the rank

Weighted Average Achievement Levels

Rank	Level
10% or less	1
10.1 to 50%	2
50.1 to 75%	3
Greater than 75%	4

School	Weighted Average Achievement Index	Rank	Rank Range	Weighted Average Achievement Level
School C	62.2	1	10% or less	1
School E	88.9	2	10.1 to 50%	2
School I	90.8	3	10.1 to 50%	2
School A	103.5	4	10.1 to 50%	2
School G	110.6	5	10.1 to 50%	2
School F	124.2	6	50.1 to 75%	3
School H	144.4	7	50.1 to 75%	3
School D	153.7	8	Greater than 75%	4
School B	171.2	9	Greater than 75%	4
School J	192.3	10	Greater than 75%	4

Example #2: Core Subject Performance

Step 1: Calculate ELA and Math Performance Indices

School H – AG

Subject	# of Continuously Enrolled Tested Students	# Level 1	# Level 2	# Level 3	# Level 4	Numerator	Denominator	Index
ELA	232	51	26	60	95	383.5	232	165.3
Math	228	57	22	58	91	365.5	228	160.3

$$\text{ELA: } 100 \times \frac{(\text{ين}) \text{ ت ي}(\text{ن}) \text{ ت ي.ن}(\text{ن})}{\text{ي ي ي}} = 165.3$$

$$\text{Math: } 100 \times \frac{(\text{ي ي}) \text{ ت ي}(\text{ن}) \text{ ت ي.ن}(\text{ي})}{\text{ي ي ن}} = 160.3$$

Example #2: Core Subject Performance

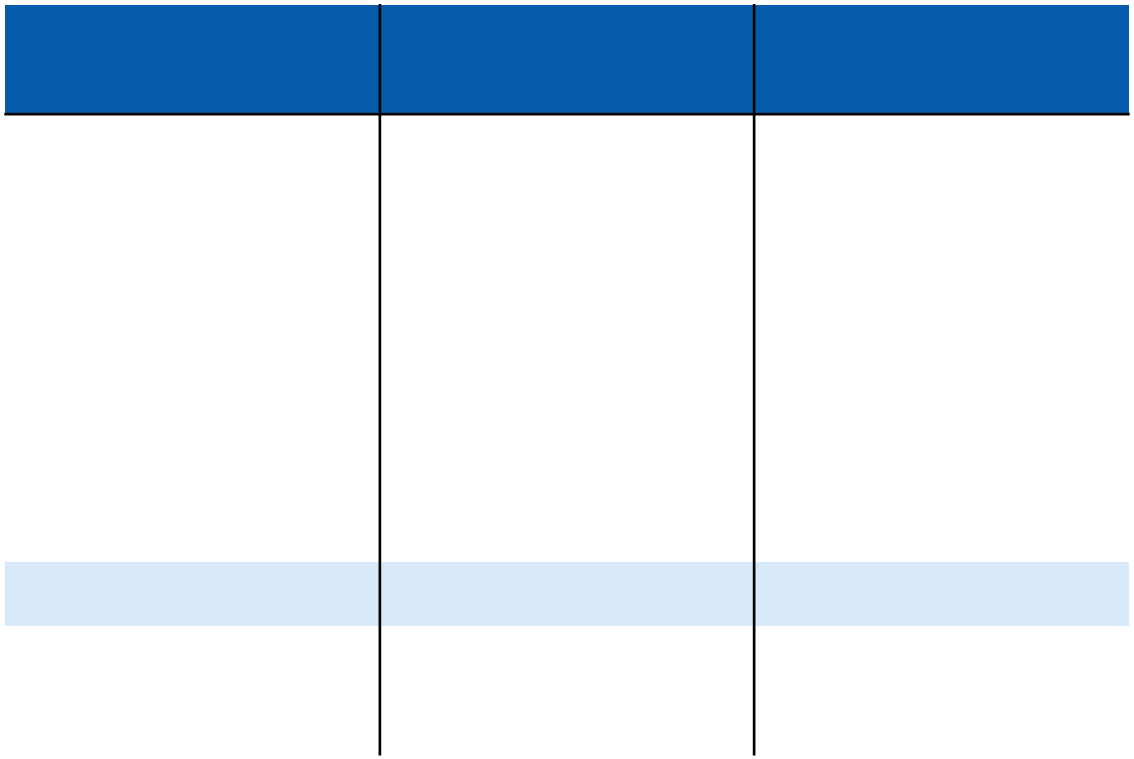
Step 2: Calculate Core Subject Performance Index

School H – All Students Subgroup

Subject	# of Continuously Enrolled Tested Students	# Level 1	# Level 2	# Level 3	# Level 4	Numerator	Denominator	Index
ELA	232	51	26	60	95	383.5	232	165.3
Math	228	57	22	58	91	365.5	228	160.3
Core Subject Performance						749	460	162.8

Core Subject Performance Index : $100 \times \frac{\text{Numerator}}{\text{Denominator}} = 162.8$

Example #2: Core Subject Performance



Example #2: Core Subject Performance

Step 4: Assign a Level based on where the school fell in the rank

Core Subject Performance Levels

Rank	Level
10% or less	1
10.1 to 50%	2
50.1 to 75%	3
Greater than 75%	4

School	Core Subject Performance Index	Rank	Rank Range	Core Subject Performance Level
School C	73.9	1	10% or less	1
School E	92.5	2	10.1 to 50%	2
School I	99.6	3	10.1 to 50%	2
School A	103.5	4	10.1 to 50%	2
School G	121.3	5	10.1 to 50%	2
School F	137.2	6	50.1 to 75%	3
School D	153.7	7	50.1 to 75%	3
School H	162.8	8	Greater than 75%	4
School B	187.6	9	Greater than 75%	4
School J	210.9	10	Greater than 75%	4

Additional Resources

- “Understanding the New York State Accountability System under the Every Student Succeeds Act (ESSA) for 2023-2024 Accountability Statuses Based on 2022-2023 Results”
- The One-Year Restart Webinar
- Rebuild Phase Webinar
- 2022-23 Indicator Info Sessions
- PowerPoint slides of this webinar

Found here:

www.nysed.gov/accountability/school-and-district-accountability

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