



INDICATOR INFO SESSION 1: WEIGHTED AVERAGE ACHIEVEMENT & CORE SUBJECT PERFORMANCE (ELEMENTARY/MIDDLE LEVEL)

New York State Education Department (NYSED)
Wednesday, January 11, 2023

Welcome

Indicator Info Session 1:
 Weighted Average Achievement and
 Core Subject Performance
 (Elementary/Middle Level)



Overview

The purpose of these sessions is to provide information about how accountability determinations were calculated using 2021-22 school year results.

- United States Department of Education (USDE) approved 1-year ESSA Accountability State Plan Addendum
- PDF version and recording available on:

<http://www.nysed.gov/accountability/school-and-district-accountability>

All mics have been muted and videos have been turned off



QUESTIONS?

Please submit your questions in the chat box.

Include:
 name, title, district



Questions and Answers

Questions can be submitted through the chat function.
All further questions after this session can be submitted to accountinfo@nysed.gov.





Weighted Average Achievement

How is this indicator calculated at the Elementary/Middle Level?

One



Core Subject Performance

How is this indicator calculated at the Elementary/Middle Level?

Two



Preliminary Determinations

How are accountability indicators used to determine supports for the 2022-23 school year?

Three

1

Weighted Average Achievement

Calculate the English Language Arts (ELA), Math, and Science Achievement Indices:

$$\text{Formula: } 100 \times \frac{(\text{Level 2}) + 2(\text{Level 3}) + 2.5 (\text{Level 4})}{\text{Denominator}}$$

The Denominator is the greater of:

1) continuously enrolled students who have valid test scores

OR

2) 95% of continuously enrolled students with or without valid test scores.

2

Weighted Average Achievement

Weighted Average Achievement Index: $\left(\frac{\text{Combined Numerators}}{\text{Combined Denominators}} \right) \times 100$

Example of Elementary/Middle Level Achievement Index Calculations

Subject	# of Continuously Enrolled Students	# of Continuously Enrolled Tested Students	95% of Continuously Enrolled Students	# of Level 1	# of Level 2	# of Level 3	# of Level 4	Numerator	Denominator	Index
ELA	120	90	114	20	20	30	20	130	114	114
Math	120	100	114	10	30	40	20	160	114	140
Science	40	40	38	0	10	14	16	78	40	195
Weighted Average Achievement Index								368	268	137

3

Weighted Average Achievement

Rank order schools by their Weighted Average Achievement Index from Step 2.
The higher the rank, the better the performance.

School	Weighted Average Achievement Index	Rank
School H	25	1
School A	55	2
School J	70	3
School G	85	4
School D	92	5
School E	105	6
School I	114	7
School B	128	8
School F	137	9
School C	149	10
School K	158	11
School N	163	12
School O	172	13
School M	177	14
School L	185	15

4

Weighted Average Achievement

Weighted Average Achievement Level Assignment

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

Example of Elementary/Middle-Level Weighted Average Achievement Levels

School	Weighted Average Achievement Index	Rank	Rank Range	Weighted Average Achievement Level
School H	25	1	10% or Less	1
School A	55	2	10.1 to 50%	2
School J	70	3	10.1 to 50%	2
School G	85	4	10.1 to 50%	2
School D	92	5	10.1 to 50%	2
School E	105	6	10.1 to 50%	2
School I	114	7	10.1 to 50%	2
School B	128	8	50.1 to 75%	3
School F	137	9	50.1 to 75%	3
School C	149	10	50.1 to 75%	3
School K	158	11	50.1 to 75%	3
School N	163	12	Greater than 75%	4
School O	172	13	Greater than 75%	4
School M	177	14	Greater than 75%	4
School L	185	15	Greater than 75%	4

1

Core Subject Performance

Calculate the English Language Arts (ELA), Math, and Science Achievement Indices:

$$\text{Formula: } 100 \times \frac{(\text{Level 2}) + 2(\text{Level 3}) + 2.5 (\text{Level 4})}{\text{Denominator}}$$

The Denominator is the number of continuously enrolled students who have valid test scores.

2

Core Subject Performance

Core Subject Performance Index: $\left(\frac{\text{Combined Numerators}}{\text{Combined Denominators}} \right) \times 100$

Example of Elementary/Middle Level Core Subject Performance Index Calculations

Subject	# of Continuously Enrolled Tested Students	# of Level 1	# of Level 2	# of Level 3	# of Level 4	Numerator	Denominator	Index
ELA	90	20	20	30	20	130	90	144
Math	100	10	30	40	20	160	100	160
Science	40	0	10	14	16	78	40	195
Core Subject Index						368	230	160

3

Core Subject Performance

Rank order schools by their Core Subject Performance Index from Step 2.
The higher the rank, the better the performance.

School	Core Subject Performance Index	Rank
School H	48	1
School J	76	2
School A	79	3
School G	95	4
School D	110	5
School I	121	6
School K	142	7
School E	152	8
School F	160	9
School B	165	10
School N	179	11
School C	180	12
School L	185	13
School O	188	14
School M	190	15

Example of Elementary/Middle-Level Core Subject Performance Levels

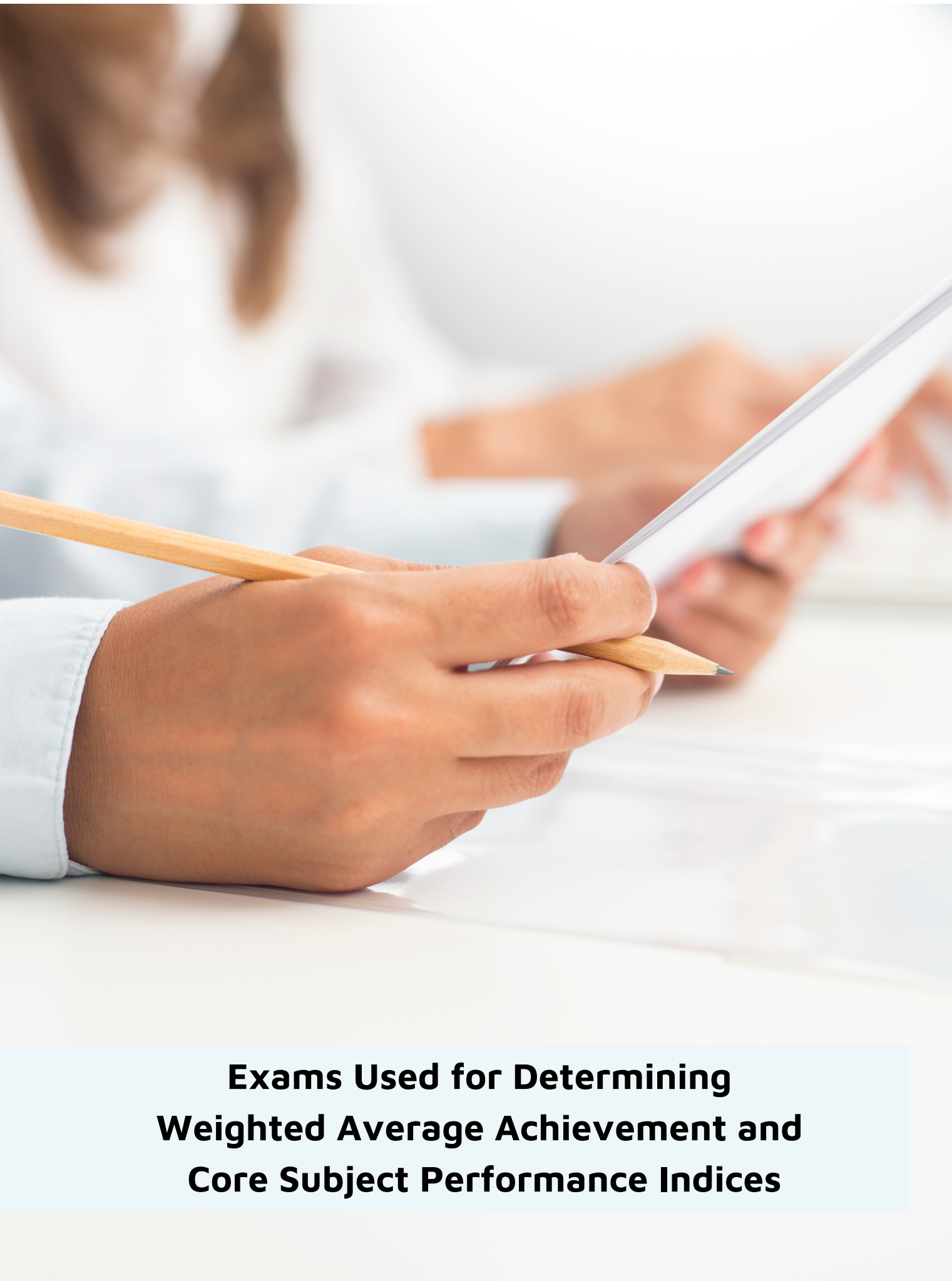


Core Subject Performance

Core Subject Performance Level Assignment

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	48	1	10% or Less	1
School J	76	2	10.1 to 50%	2
School A	79	3	10.1 to 50%	2
School G	95	4	10.1 to 50%	2
School D	110	5	10.1 to 50%	2
School I	121	6	10.1 to 50%	2
School K	142	7	10.1 to 50%	2
School E	152	8	50.1 to 75%	3
School F	160	9	50.1 to 75%	3
School B	165	10	50.1 to 75%	3
School N	179	11	50.1 to 75%	3
School C	180	12	Greater than 75%	4
School L	185	13	Greater than 75%	4
School O	188	14	Greater than 75%	4
School M	190	15	Greater than 75%	4



**Exams Used for Determining
Weighted Average Achievement and
Core Subject Performance Indices**

Elementary/Middle Level Exams	High School Level Exams
New York State Testing Program (NYSTP) assessment in ELA and math in Grades 3-8	Regents examination in ELA, math, science, and social studies
New York State Alternative Assessment (NYSAA) in ELA and math when the student is age equivalent to Grades 3-8 and the NYSAA in science when the student is age equivalent to Grades 4 and 8, if the student's Committee on Special Education (CSE) determines that the student is eligible to take the NYSAA in lieu of the NYSTP	Approved alternative to Regents examination in ELA, math, science, and social studies
Grade 4 Elementary-Level Science Test	NYSAA in ELA, math, and science, if the student's CSE determines that the student is eligible to take the NYSAA in lieu of a Regents examination
Grade 8 Intermediate-Level Science Test	
Regents mathematics examination in lieu of the NYSTP assessment in Grades 6, 7, and 8; and Regents science examination in lieu of the Grade 8 Intermediate-Level Science Test	



Preliminary Determinations

Elementary/Middle School CSI Identification Scenarios

Scenarios	Weighted	Core	English Language Proficiency	Chronic Absenteeism
1	Both Level 1		Any Level (None, 1-4)	
2	Level 2	Level 1	Both Not Level 3 or 4	
3	Level 1	None	Both Not Level 3 or 4	
4	Level 1	Level 2	Both Not Level 3 or 4	
5	Level 3	Level 1	Both Not Level 3 or 4	
6	Level 1	Level 3	Both Not Level 3 or 4	

High School CSI Identification Scenarios

Scenarios	Weighted	Core	Grad Rate	English Language Proficiency	Chronic Absenteeism
1	Both Level 1		Level 1	Any Level (None, 1-4)	
2	Level 2	Level 1	Level 1	Both Not Level 3 or 4	
3	Level 1	None	Level 1	Both Not Level 3 or 4	
4	Level 1	Level 2	Level 1	Both Not Level 3 or 4	
5	Both Level 1		Level 2	Both Not Level 3 or 4	
6	Level 1	Level 2	Level 2	Both Not Level 3 or 4	
7	Level 2	Level 1	Level 2	Both Not Level 3 or 4	

Further Resources

<http://www.nysed.gov/accountability/school-and-district-accountability>

<https://www.p12.nysed.gov/irs/>



Webinar:

Preparing for the Every Student Succeeds Act (ESSA) Accountability System Restart for the 2022-23 School Year



Document:

Understanding the New York State Accountability System under the Every Student Succeeds Act (ESSA) for 2022-2023 Accountability Statuses Based on 2021-2022 Results



Data Reports:

Schools and districts can view data submitted via the Student Information Repository System (SIRS) used for making accountability determinations

Questions and Answers

Questions can be submitted through the chat function.

Please include your name, work title if applicable, and district represented in your question.

All further questions after this session can be submitted to accountinfo@nysed.gov.



THANK YOU

—
accountinfo@nysed.gov

**NEXT SESSION:
THURSDAY, JANUARY 12TH
TOPIC: WEIGHTED AVERAGE
ACHIEVEMENT/CORE SUBJECT
PERFORMANCE (HIGH SCHOOL)**

All recordings/slides posted:
www.nysed.gov/accountability/school-and-district-accountability

