

Overall and Component Rating Technical Documentation



Traditional District and School
Report Cards

2023-2024 School Year



**Department of
Education &
Workforce**

Revision History

The revision history section provides a means for readers to easily navigate to the places where updates have occurred from prior years. Significant changes and updates are indicated through underlined blue text for additions and red text with strikethroughs for deletions. Minor changes- such as typos, formatting and grammar corrections are updates- are not marked.

Date	Effective	Description

[OHIO REVISED CODE](#) and [OHIO ADMINISTRATIVE CODE](#) require districts to report data to EMIS and to verify and approve all EMIS data. Data should be reviewed and verified prior to the close of the [DIFFERENT DATA COLLECTIONS](#). This verification should include all relevant reports, including those in the Secure Data Center (SDC).

The Secure Data Center (SDC) is an interactive tool that allows districts to review data well before the data is final and the Report Cards are released. ***The SDC is the main resource districts should use to review Report Card Data but not inclusive please verify all relevant reports from EMIS.***

Table 1: Breadcrumb Trail to Secure Data Center Reports for Districts to Review

Overall	Component	SDC Breadcrumb Trail
Overall		Report Portal > Secure Data Center > Local Report Card > District (or School) Local Report Card > Overall
	Achievement	Report Portal > Secure Data Center > Local Report Card > District (or School) Local Report Card > Achievement
	Progress	Report Portal > Secure Data Center > Local Report Card > District (or School) Local Report Card > Progress
	Gap Closing	Report Portal > Secure Data Center > Local Report Card > District (or School) Local Report Card > Gap Closing
	Graduation	Report Portal > Secure Data Center > Local Report Card > District (or School) Local Report Card > Graduation
	Early Literacy	Report Portal > Secure Data Center > Local Report Card > District (or School) Local Report Card > Early Literacy

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Introduction

The Department continues its commitment to assessing and evaluating schools and districts through a comprehensive framework. As part of this framework, the Department issues five component ratings to schools and districts, providing a holistic view of educational performance. These components include Achievement, Progress, Gap Closing, Graduation Rate, and Early Literacy. The aggregation of these component ratings culminates in an Overall Rating, reflecting the overall effectiveness of educational institutions across Ohio. In this document, we delve into the methodology behind the overall rating, emphasizing the importance of performance metrics and their impact on the overall assessment. Additionally, we explore potential future enhancements, such as the inclusion of the College, Career, Workforce, and Military Readiness Component.

Achievement Component

Measures student performance on state assessments in English language arts, mathematics, science, and social studies. Points are awarded based on performance levels, with higher levels earning more points.

MEASURES INCLUDED

Performance Index Percentage
Performance Indicators

WEIGHTS

Performance Index Score contributes **100%** to the Achievement Component Rating
Performance Indicators contributes **0%** to the Achievement Component Rating

Figure 1: Visual of Achievement Component Calculation

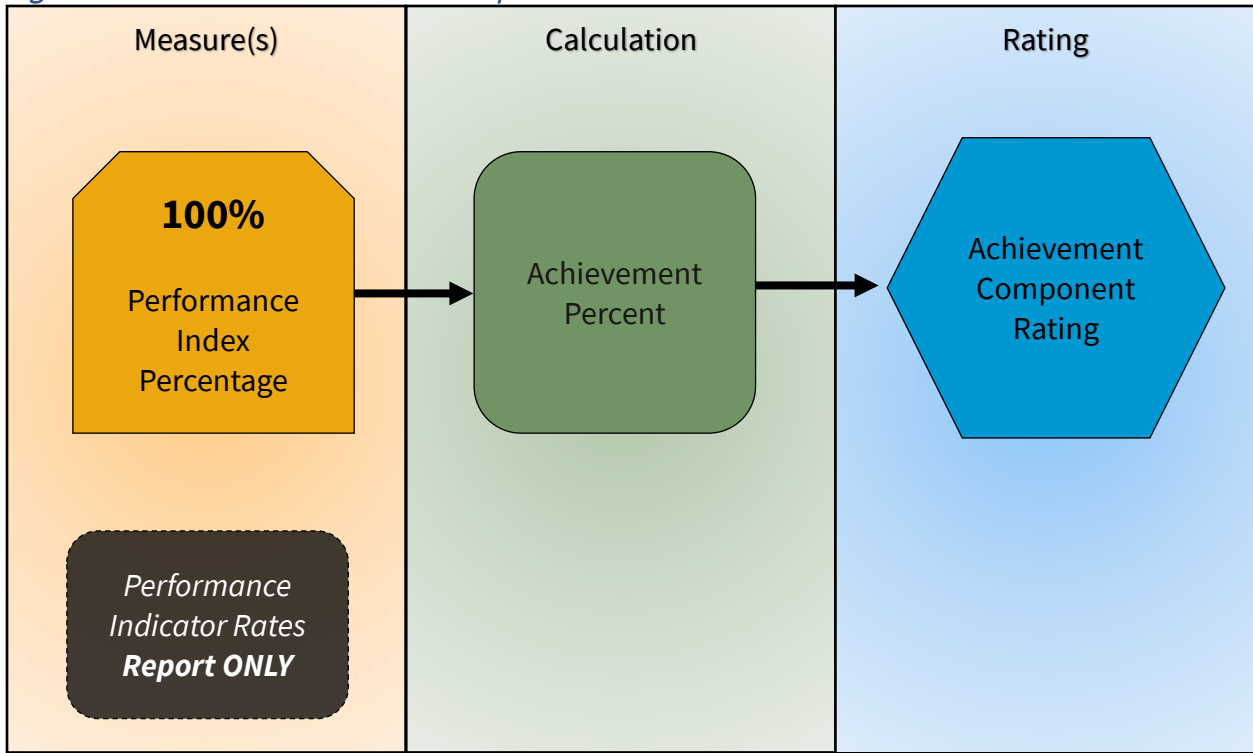


Table 2: Achievement Component Percentage to Points Conversion Chart

Component Rating	Percentage	Points
5 Star ≥90%	≥95% of Max Score	5
	≥92.5% to <95% of Max Score	4.75
	≥91 to <92.5% of Max Score	4.5
	≥90% to <91% of Max Score	4.25
4 Star ≥80% to <90%	≥87.5% to <90% of Max Score	4
	≥85 to <87.5% of Max Score	3.75
	≥82.5% to <85% of Max Score	3.5
	≥80% to <82.5% of Max Score	3.25
3 Star ≥70% to <80%	≥77.5% to <80% of Max Score	3
	≥75% to <77.5% of Max Score	2.75
	≥72.5% to <75% of Max Score	2.5
	≥70% to <72.5% of Max Score	2.25
2 Star ≥50% to <70%	≥65% to <70% of Max Score	2
	≥60% to <65% of Max Score	1.75
	≥55% to <60% of Max Score	1.5
	≥50% to <55% of Max Score	1.25
1 Star <50%	≥40% to <50% of Max Score	1
	≥30% to <40% of Max Score	0.75
	≥15% to <30% of Max Score	0.5
	≥0% to <15% of Max Score	0

Progress Component

Evaluates student growth over time, regardless of their initial achievement level. Compares students' actual progress to expected progress. Points are awarded based on how well students meet or exceed expected growth.

MEASURES INCLUDED

Value-Added Measure

WEIGHTS

For each school and district, the growth index will be used to reflect the reliability of data and the effect size will be used to indicate the amount of growth. Both are part of the value-added measure, which is weighted at **100%**. There are different cut scores for rating districts and schools.

Table 3: School Growth Index and Effect Size to Points Scale

Rating	Growth Index	Effect Size	Points
5 Star	≥ 2	≥ 0.2	5
4 Star	≥ 2	< 0.2	4
3 Star	≥ -2 to < 2	--	3
2 Star	< -2	≥ -0.2	2
1 Star	< -2	< -0.2	1

Table 4: District Growth Index and Effect Size to Points Scale

Rating	Growth Index	Effect Size	Points
5 Star	≥ 2	≥ 0.1	5
4 Star	≥ 2	< 0.1	4
3 Star	≥ -2 to < 2	--	3
2 Star	< -2	≥ -0.1	2
1 Star	< -2	< -0.1	1

Gap Closing Component

Focuses on closing achievement gaps among various student groups (e.g., economically disadvantaged, students with disabilities, English learners). Measures progress toward closing gaps in achievement and graduation rates. Points are awarded based on gap-closing performance.

MEASURES INCLUDED

Table 5: Gap Closing Measures and Possible Points

Measure/Indicator	Detail	Points Earned	Possible Points
English Language Arts Achievement	Met annual goal/individual student group level		10

Math Achievement	Met annual goal/individual student group level		10
English Language Arts Growth	Met annual goal/individual student group level		10
Math Growth	Met annual goal/individual student group level		10
Graduation	Met annual goal/individual student group level		10
English Learners	Meet annual goal or show improvement for prior year; English learners' performance on OELPA		5
Chronic Absenteeism	Met annual goal or show improvement from prior year		5
Gifted Performance Indicator	Gifted Progress		5
	Gifted Performance Index		5
	Gifted Identification and Services		5
Preliminary Points			75
Demotion Required		Yes/No	
Final Points			

WEIGHTS

There is a total of 75 possible points. The weight of each measure depends on the number of measures applicable based on student enrollment or assessments. The points earned are divided by the points possible to find the preliminary percentage. The school/district may also receive a demotion for failing to meet the 95% participation rate and receive a proportional deduction to their percentage. If a school/district has no rated measures, then there is no Gap Closing component rating.

Figure 6: Visual of Gap Closing Component Calculation

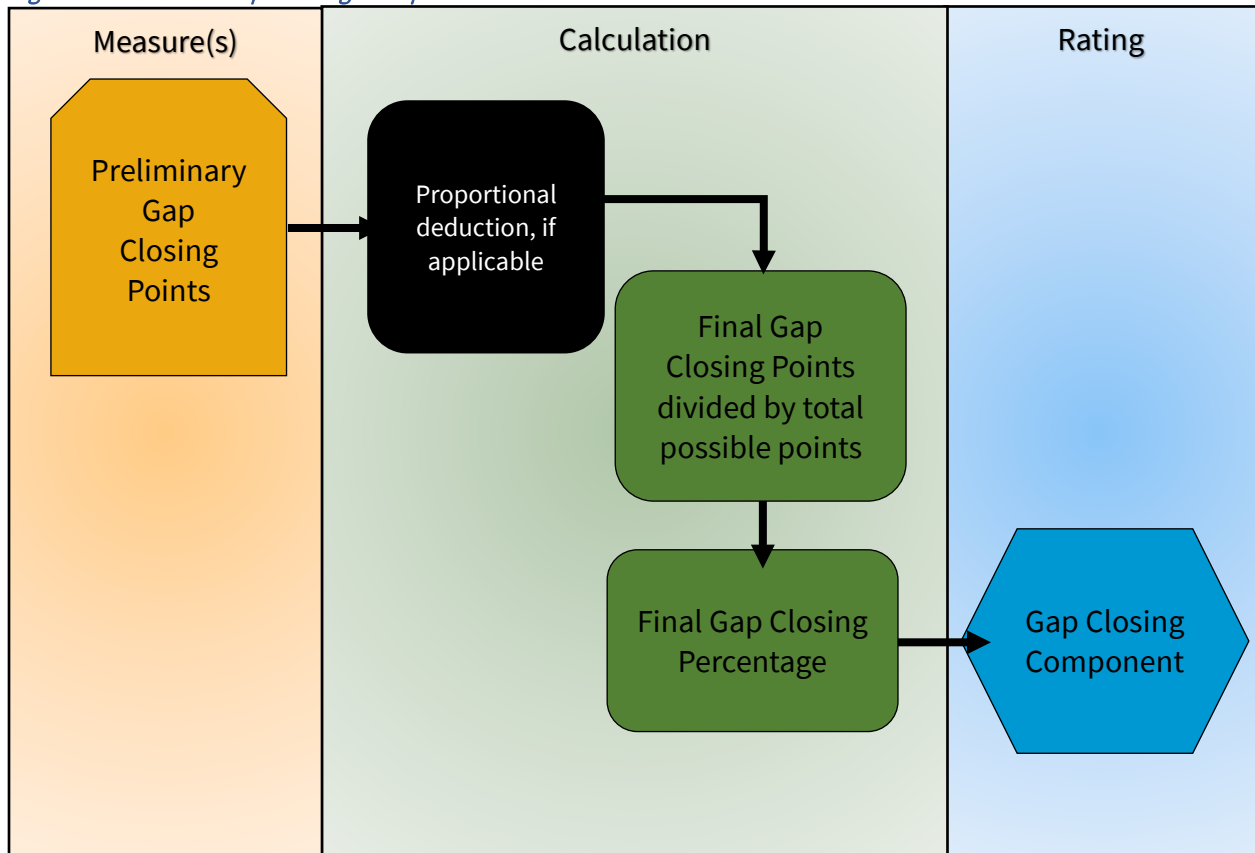


Table 6: Gap Closing Component Percentage to Points Conversion Chart

Component Rating	Percentage	Points
5 Star ≥60% to 100%	≥90% to 100%	5
	≥80% to <90%	4.75
	≥70% to <80%	4.5
	≥60% to <70%	4.25
4 Star ≥45% to <60%	≥56.25% to <60%	4
	≥52.5% to <56.25%	3.75
	≥48.75% to <52.5%	3.5
	≥45% to <48.75%	3.25
3 Star ≥30% to <45%	≥41.25% to <45%	3
	≥37.5% to <41.25%	2.75
	≥33.75% to <37.5%	2.5
	≥30% to <33.75%	2.25
2 Star ≥10% to <30%	≥25% to <30%	2
	≥20% to <25%	1.75
	≥15% to <20%	1.5
	≥10 to <15%	1.25
1 Star	≥7.5% to <10%	1

<10%	>=5% to <7.5%	0.75
	>=2.5% to <5%	0.5
	>=0% to <2.5%	0

Graduation Component

Assesses the percentage of students who graduate within four or five years. Includes both standard and extended graduation rates. Points are awarded based on graduation rate performance.

MEASURES INCLUDED

- 4-Year Graduation Rate
- 5-Year Graduation Rate

WEIGHTS

- 4-Year Graduation Rate contributes **60%** to the Graduation Component Rating
- 5-Year Graduation Rate contributes **40%** to the Graduation Component Rating

If a school/district has only one measure, then that one measure is used for the component. If neither measure is available, the component is not rated.

Figure 3: Visual of Graduation Component Calculation

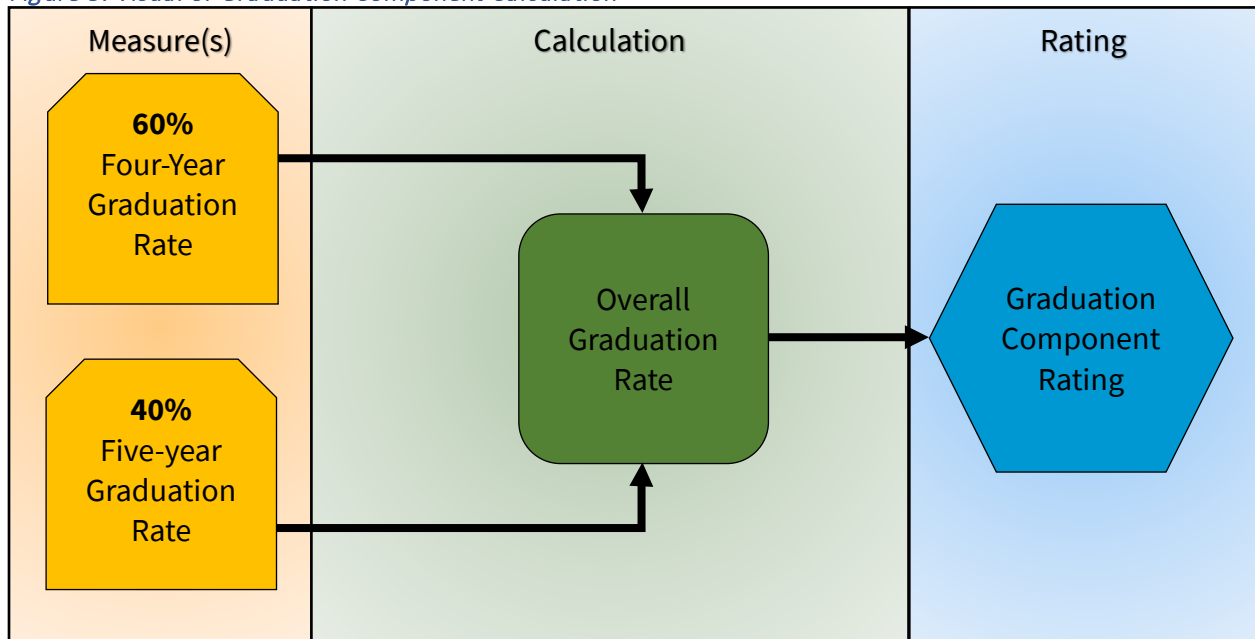


Table 7: Graduation Component Percentage to Points Conversion Chart

Component Rating	Percentage	Points
5 Star >=96.5% to 100%	>=99.125% to 100%	5
	>=98.25% to <99.125%	4.75
	>=97.375% to <98.25%	4.5

	>= 96.5% to <97.375%	4.25
4 Star >=93.5% to <96.5%	>=95.75% to <=96.5%	4
	>=95% to <95.75%	3.75
	>=94.25% to <95%	3.5
	>=93.5% to <94.25%	3.25
3 Star >=90% to <93.5%	>=92.625% to <93.5%	3
	>=91.75% to <92.625%	2.75
	>=90.875% to <91.75%	2.5
	>=90% to <90.875%	2.25
2 Star >=84% to <90%	>=88.5% to <90%	2
	>=87% to <88.5%	1.75
	>=85.5% to <87%	1.5
	>=84% to <85.5%	1.25
1 Star <84%	>=63% to <84%	1
	>=42% to <63%	0.75
	>=21% to <42%	0.5
	>=0% to < 21%	0

Early Literacy Component

Evaluates students' reading skills in grades K-3. Measures progress toward achieving early literacy benchmarks. Points are awarded based on early literacy performance.

MEASURES INCLUDED

Third Grade Reading Proficiency
Promotion to Fourth Grade
Improving K-3 Reading

WEIGHTS

Third Grade Reading Proficiency contributes **40%** to the Early Literacy Component Rating
Promotion to Fourth Grade contributes **35%** to the Early Literacy Component Rating
Improving K-3 Reading contributes **25%** to the Early Literacy Component Rating

If a school/district has no rated measures, then the component is not rated.

Figure 9: Visual of Early Literacy Component Calculation

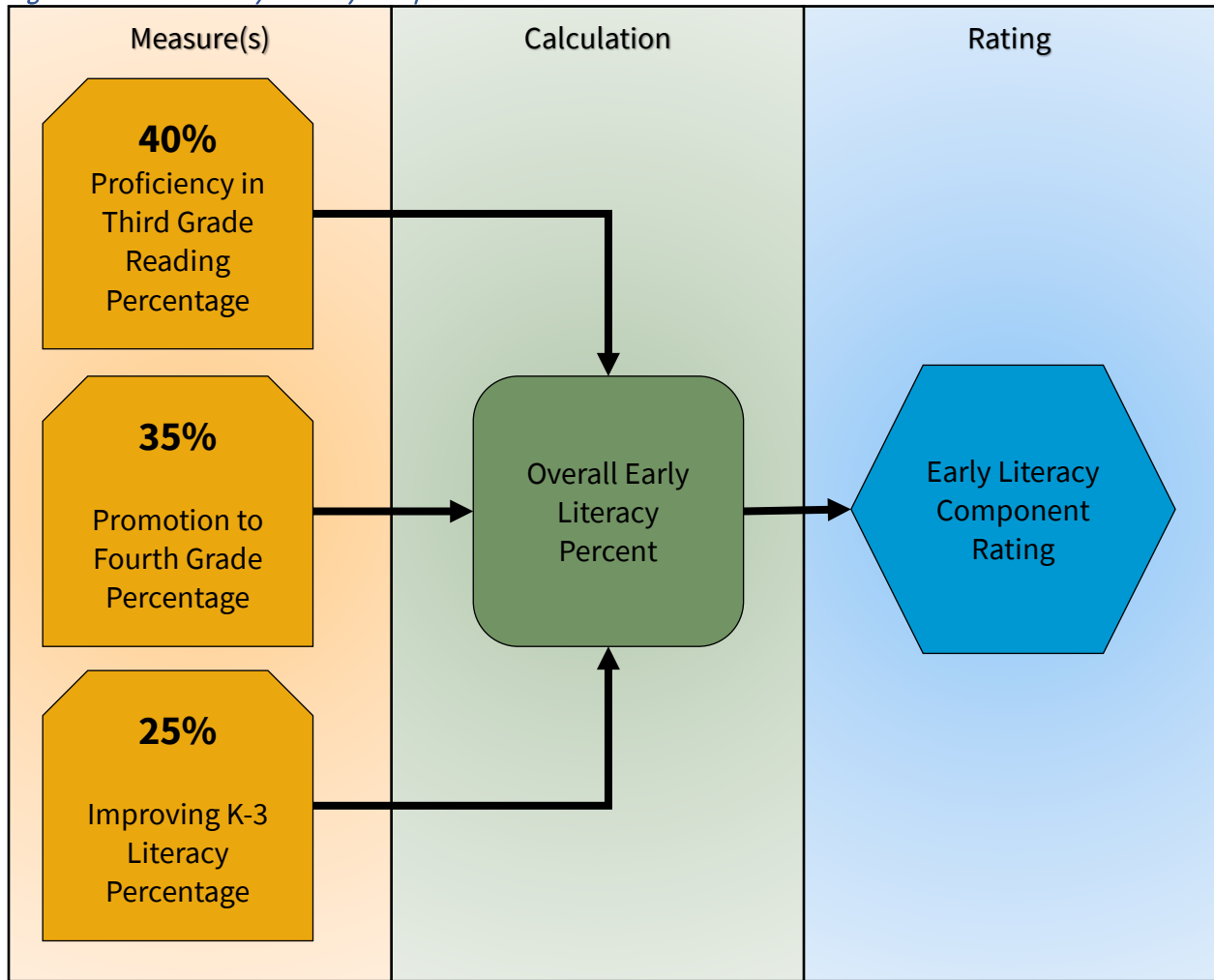


Table 8: Early Literacy Component Percentage to Points Conversion Chart

Component Rating Scale	Percentage	Points
5 Star ≥88% to 100%	≥97% to 100%	5
	≥94% to <97%	4.75
	≥91% to <94%	4.5
	≥88% to <91%	4.25
4 Star ≥78% to <88%	≥85.5% to <88%	4
	≥83% to <85.5%	3.75
	≥80.5% to <83%	3.5
	≥78% to <80.5%	3.25
3 Star ≥68% to <78%	≥75.5% to <78%	3
	≥73% to <75.5%	2.75
	≥70.5% to <73%	2.5
	≥68% to <70.5%	2.25

2 Star ≥58% to <68%	≥65.5% to <68%	2
	≥63% to <65.5%	1.75
	≥60.5% to <63%	1.5
	≥58% to <60.5%	1.25
1 Star <58%	≥43.5% to <58%	1
	≥29% to <43.5%	0.75
	≥14.5% to <29%	0.5
	<14.5%	0

Overall Rating

The Overall Rating provides a comprehensive view of school and district effectiveness. Each of the rated components has an established weight which contributes to the overall rating calculation.

Table 9: Component Weight Distribution for Overall Rating

Component	Weight Towards Overall Rating
Achievement	28.601%
Progress	28.601%
Graduation Rate	14.266%
Gap Closing	14.266%
Early Literacy	14.266%

When one or more components are not rated (e.g. – an elementary school that has no Graduation Component or a high school that has no Early Literacy Component), the remaining components contribute proportionally to the overall rating.

There are numerous combinations of components that a school or district can have when looking at the five components. The table below outlines the weights for each possible combination.

Table 10 Possible Weight Combinations for Overall Rating

Component Combinations	Percent Contributed by Achievement Component	Percent Contributed by Progress Component	Percent Contributed by All Other Components
Achievement AND Progress AND 3 Other Components	28.601%	28.601%	14.266% Each
Achievement AND Progress AND 2 Other Components	33.3333%	33.3333%	16.6667% Each
Achievement and 3 Other Components	40%		20% Each

Progress and 3 Other Components		40%	20% Each
Achievement AND Progress AND 1 Other Component	40%	40%	20%
Achievement and 2 Other Components	50%		25% Each
Progress and 2 Other Components		50%	25% Each
Achievement AND Progress AND no Other Components	50%	50%	
Achievement AND No Other Components	100%		
Progress AND No Other Components		100%	
Achievement and 1 Other Component	66.6667%		33.3333%
Progress and 1 Other Component		66.6667%	33.3333%
No Achievement or Progress, 3 Other Components			33.33% Each
No Achievement or Progress, 2 Other Components			50% Each
No Achievement or Progress, 1 Other Component			100%
No Rated Components	No Overall Rating is Calculated		

Once the component ratings are assigned points, the points are weighted based on the percent that each component contributes to the overall rating using the weights in the tables above. The weighted points then are summed to determine the overall rating.

The table below shows the percentage that each measure contributes to its respective component (e.g. – the Performance Index contributes 100% to the Achievement component) and it visualizes the hierarchy that leads to the overall rating.

NOTE: that this table reflects the calculation of when all measures and all components have ratings. When one or more measures or components are not rated, the weights are adjusted proportionally.

Table 11: Measure contribution to Component points and Component points contribution to Overall Rating

Measure and Percent Contributed to Component Points	Component and Percent Contributed to Overall Rating Points	Overall Rating
Performance Indicators = 0%	Achievement Component = 28.601%	
Performance Index Score = 100%		
Overall Value-Added = 100%	Progress Component = 28.601%	
4-Year Graduation Rate = 60%	Graduation Component = 14.266%	
5-Year Graduation Rate = 40%		
Third Grade Reading Proficiency = 40% Fourth Grade Promotion = 35% Improving K-3 Literacy = 25%	Early Literacy Component = 14.266%	
Subgroup ELA Performance = 13.33% Subgroup Math Performance = 13.33% Subgroup ELA Progress = 13.33% Subgroup Math Progress = 13.33% Subgroup Graduation Rate = 13.33% EL Proficiency Improvement = 6.67% Chronic Absenteeism Indicator = 6.67% Gifted Performance Index Element = 6.67% Gifted Progress Element = 6.67% Gifted Identification and Services Element = 6.67%	Gap Closing Component = 14.266%	

For each applicable component, the total weighted component points will be calculated by taking the initial component value and multiplying by the weight assigned to the component per the business rules outlined above. The total weighted component points are summed to arrive at the total points, which are rounded to the thousandths for ease of display. The resulting total will be a number between 0 and 5.

Below are examples of schools and a district with various combinations of component ratings. In each case, the Total Points are converted to a star rating as provided in the following table.

Table 12: Total Points to Overall Rating with Descriptions

OVERALL RATING SCALE AND DESCRIPTIONS		
Points Earned	Rating	Rating Description
Greater than or equal to 4.125	5 Stars	Significantly exceeds state standards

Greater than or equal to 3.625 but less than 4.125	4.5 Stars	Exceeds state standards
Greater than or equal to 3.125 but less than 3.625	4 Stars	Exceeds state standards
Greater than or equal to 2.625 but less than 3.125	3.5 Stars	Meets state standards
Greater than or equal to 2.125 but less than 2.625	3 Stars	Meets state standards
Greater than or equal to 1.625 but less than 2.125	2.5 Stars	Needs support to meet state standards
Greater than or equal to 1.125 but less than 1.625	2 Stars	Needs support to meet state standards
Greater than or equal to 0.563 but less than 1.125	1.5 Stars	Needs significant support to meet state standards
Less than 0.563	1 Star	Needs significant support to meet state standards

EXAMPLE COMPONENT CALCULATIONS

Example 1: District with All Five Component Ratings

Component	Points Earned	Weight	Report Card Component Weighted Points*
Achievement	3.75	0.28601	1.07253750
Progress	4.0	0.28601	1.14404000
Graduation	4.75	0.14266	0.67763500
Gap Closing	3.5	0.14266	0.49931000
Early Literacy	2.75	0.14266	0.39231500
TOTAL WEIGHTED POINTS			3.786 = “ 4.5 Star ”

*Note that when calculating the weighted points, each component is calculated to an unrounded number and those real numbers are summed to get the Total Weighted Points. As a last step, the Total Weighted Points are rounded for display.

Example 2: K-2 School with Early Literacy Component Only

Component	Points Earned	Weight	Report Card Component Weighted Points
Achievement			
Progress			
Graduation			
Gap Closing			
Early Literacy	2.75	1.00	2.750
TOTAL WEIGHTED POINTS			2.750 = “ 3.5 Star ”

Example 3: High School with 4 Components

Component	Points Earned	Weight	Report Card Component Weighted Points
Achievement	1.25	.333333	0.416666250
Progress	4.75	.333333	1.583331750
Graduation	1.50	.166667	0.250000500
Gap Closing	0.75	.166667	0.125000250
Early Literacy	---	---	
TOTAL WEIGHTED POINTS			2.375 = “3 Star”

Example 4: Middle School with 3 Components

Component	Points Earned	Weight	Report Card Component Weighted Points
Achievement	2.5	.4	1.000000
Progress	3.25	.4	1.300000
Graduation	---	---	
Gap Closing	3.0	.2	0.600000
Early Literacy	---	---	
TOTAL WEIGHTED POINTS			2.900 = “3.5 Star”