Agenda

- Revised Timeline for 2018-2019 Capital Quality Rating and Designation Process
- Capital Quality Rating and Designation
- Next Steps
Revised Timeline for 2018-2019 Capital Quality Rating and Designation Process
OSSE will complete the 2018-2019 Capital Quality rating and designation process for all child development facilities participating in Capital Quality (i.e., Pilot, Group Two, Group Three and Group Four) according to the revised timeline shown in Table 1. For reference, the previous timeline is also shown in Table 1 marked with strikethrough.

Table 1. Revised Timeline

<table>
<thead>
<tr>
<th>Action</th>
<th>Pilot and Group Two</th>
<th>Group Three</th>
<th>Group Four</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital Quality designation determined</td>
<td></td>
<td>Spring/Summer 2019</td>
<td>Fall 2019</td>
</tr>
<tr>
<td>Tiered reimbursement changes only if facility designation is higher</td>
<td></td>
<td>Spring/Summer 2019</td>
<td>Fall 2019</td>
</tr>
<tr>
<td>Hold harmless policy ends; tiered reimbursement aligns to facility</td>
<td>Fall 2020</td>
<td>Fall 2021</td>
<td>Fall 2022</td>
</tr>
<tr>
<td>designation whether higher or lower</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Capital Quality Rating and Designation
Capital Quality Rating and Designation Definitions

**Framework**
- The Capital Quality category based on the type of setting (home or center) and the age groups of children served (birth-to-five). The framework is then used in combination with the metric and informs the way in which the rating is calculated to determine a Capital Quality designation.

**Metric**
- Instruments or indicators used to assess performance in each area defined, commonly known as measures.

**Floor**
- The minimum value for which any points are awarded (for all metrics), indicating the minimum level of performance acceptable for a program to receive points in the Capital Quality rating system.

**Target**
- The value at which the maximum points for a metric are awarded, indicating the desired level of performance in achieving the stated outcome in the Capital Quality rating system.

**Rating**
- Refers to the numeric score earned each year upon calculating the facility’s scores from each of their metrics according to the formula for their framework.

**Designation**
- A facility’s level of quality based on points earned – Developing, Progressing, Quality or High-Quality.
  - Note: Facilities can also be designated Preliminary when they are still in the process of being rated to determine their Capital Quality designation of Developing, Progressing, Quality or High-Quality.
Program Distribution by Framework

N = 237
Program Year: 2018-2019
Capital Quality Frameworks and Metrics

- **Infant and Toddler-Only**
  - Infant/Toddler Environment Rating Scale-Revised (ITERS-R)

- **Preschool Age/Pre-K Only**
  - Classroom Assessment Scoring System (CLASS™) Pre-K

- **Birth-to-Five**
  - Infant/Toddler Environment Rating Scale-Revised (ITERS-R)
  - Classroom Assessment Scoring System (CLASS™) Pre-K

- **Child Development Homes/Child Development Expanded Homes**
  - Family Child Care Environment Rating Scale-Revised (FCCERS-R)
Environment Rating Scales (ERS):
• Infant/Toddler Environment Rating Scale-Revised (ITERS-R)
• Family Child Care Environment Rating Scale-Revised (FCCERS-R)

Classroom Assessment Scoring System for Pre-K (CLASS™ Pre-K)

Floors and targets are research-based.
• **ITERS-R/FCCERS-R** items measure the extent to which the early care and education environments promote children’s health and safety and stimulate children through language and activities and warm, supportive interactions with providers

• The ITERS-R and FCCERS-R metrics utilize **six subscales**, which are then used in the calculation of the total score used in the rating:
  - Space and Furnishings
  - Personal Care Routines
  - Listening and Talking
  - Activities
  - Interaction
  - Program Structure

  **Note**: The Parents and Staff subscale scores are not included in overall scores

• Each item is scored on a scale of **1 to 7**
  - With higher scores indicating higher quality
What do the ERS floors and targets represent?

FCCERS-R and ITERS-R capture indicators of children’s safety, health, stimulation in activities and interactions with the provider.

<table>
<thead>
<tr>
<th>How do they differ?</th>
<th>What does the Floor Score represent?</th>
<th>What does the Target Score represent?</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCCERS-R</td>
<td>Indicates <em>minimal</em> quality</td>
<td>Indicates <em>good to excellent</em> quality</td>
</tr>
<tr>
<td></td>
<td>• Books are in good repair</td>
<td>• Books are set-up for independent and shared use</td>
</tr>
<tr>
<td></td>
<td>• Occasional smiling, talking, affection with children</td>
<td>• Frequent interaction that is responsive to child’s mood and needs</td>
</tr>
<tr>
<td></td>
<td>• Schedule meets the needs of <em>most</em> of the children</td>
<td>• Schedule is modified to meet children’s needs</td>
</tr>
<tr>
<td></td>
<td>• Attention is on caregiving</td>
<td>• Supervision is individualized</td>
</tr>
<tr>
<td></td>
<td>• Moderate amount of talking</td>
<td>• Wide range of vocabulary used/verbal play with children</td>
</tr>
<tr>
<td>ITERS-R</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Designed for use in infant and toddler classrooms</td>
<td>• Designed for use in family child care settings</td>
</tr>
</tbody>
</table>
CLASS Overview

• **CLASS™ Pre-K** measures the quality of teacher-child interactions in preschool classroom settings

• The CLASS metric is comprised of **three domains**, each with its own floor and target:
  
  • Emotional Support
  • Classroom Organization
  • Instructional Support

• Each domain is comprised of dimensions that are scored on a scale of **1 to 7**
  - Higher scores for each domain indicate higher quality
What do CLASS™ Pre-K floors and targets represent?

<table>
<thead>
<tr>
<th>CLASS™ Pre-K Domain</th>
<th>What does it measure?</th>
<th>What does the Floor Score represent?</th>
<th>What does the Target Score represent?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emotional Support</td>
<td>Measures teachers’ efforts to support children’s social and emotional functioning (e.g., teacher sensitivity, emotional connection)</td>
<td><strong>Score: 4.5</strong> Some evidence that the teachers and children share warm, supportive relationships, yet teachers are only sometimes aware of children who need support or attention</td>
<td><strong>Score: 6.0</strong> Evidence of frequent positive communication between teachers and children; teachers consistently are flexible, go along with child’s ideas and organize instruction around child interests</td>
</tr>
<tr>
<td>Classroom Organization</td>
<td>Measures classroom-level organization (e.g., behavior management, routines)</td>
<td><strong>Score: 4.5</strong> Some evidence that rules/expectations may be stated clearly, but are inconsistently enforced by the teachers</td>
<td><strong>Score: 6.0</strong> Consistent evidence that teachers are proactive, monitor the classroom effectively to prevent problems from developing; they focus on positives and making use of subtle cues</td>
</tr>
<tr>
<td>Instructional Support</td>
<td>Measures the ways in which teachers effectively support cognitive and language development in their classrooms (e.g., language modeling, asking open-ended questions)</td>
<td><strong>Score: 2.0</strong> Evidence that teachers rarely provide scaffolding and ignore problems in understanding; feedback to children is often perfunctory (yes/no that’s right/wrong)</td>
<td><strong>Score: 4.0</strong> Evidence of occasional use of discussions that promote analysis and reasoning; sometimes feedback loops promote exchanges, other times not</td>
</tr>
</tbody>
</table>
• 70 percent of the rating is calculated using metric scores from the current year
• 30 percent of the rating is calculated using metric scores from the previous year
Developing
Below the floor on all subscales

Progressing
0.01 - 33.33 points across all subscales

Quality
33.34 - 66.66 points across all subscales

High-Quality
66.67 - 100 points across all subscales
The Capital Quality rating for the Birth-to-Five framework is determined using the CLASS and ITERS-R metrics for the current year and previous year, relative to the targets and floors. The total number of possible points is based on the number of pre-K and infant/toddler classrooms served.

- If a facility has more pre-K classrooms than infant/toddler classrooms, then its Capital Quality rating will be weighted more heavily by CLASS.

- If a facility has more infant/toddler classrooms than pre-K classrooms, then its Capital Quality rating will be weighted more heavily by ITERS-R.

Using four example facilities with stable or changing classroom compositions, the following slides demonstrate how CLASS and ITERS-R scores translate into Capital Quality designations.
Example A
Birth-to-Five Facilities with Stable Classroom Composition: Two Types of Classroom Observations in Each Year During a Two-Year Rating Period
In this example, this Birth-to-Five facility has two infant/toddler classrooms observed with ITERS-R and four preschool/pre-K classrooms observed with CLASS. This Birth-to-Five facility’s current year’s scores are presented in blue and previous year’s scores are presented in purple.

To calculate the Capital Quality rating, start by calculating the ITERS-R portion of the rating for each year. In this example, the facility earned the following scores:

**ITERS-R**

*Current year’s score: 5.5*
*Previous year’s score: 5.0*

*Target: 6*
*Floor: 3*

The following formula is used to calculate the points earned for Infant/Toddler Classrooms observed with ITERS-R:

\[
\text{Points Earned for Infant/Toddler Classrooms} = 70 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) + 30 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]
To calculate the framework points earned for Infant/Toddler Classrooms with ITERS-R, the current year’s points and previous year’s points can be calculated separately as illustrated below:

Insert the current year’s score (5.5), floor (3) and target (6) into the equation. Then, calculate.

\[ 70 \times \left( \frac{5.5 - 3}{6 - 3} \right) \]

\[ 70 \times \left( \frac{2.5}{3} \right) = 58.33 \]

Insert the previous year’s score (5.0), floor (3) and target (6) into the equation. Then, calculate.

\[ 30 \times \left( \frac{5.0 - 3}{6 - 3} \right) \]

\[ 30 \times \left( \frac{2.0}{3} \right) = 20.00 \]

**Current Year ITERS-R Points Earned:** 58.33

**Previous Year ITERS-R Points Earned:** 20.00
Next, the CLASS portion of the rating is calculated for each domain and for each year. The possible points by year are calculated using scores from the three CLASS domains: Emotional Support (ES), Classroom Organization (CO) and Instructional Support (IS). The maximum possible points that can be earned for each CLASS domain is 23.33 points for the current year, for a total of 70 possible points for all CLASS domains in the current year; the maximum possible points that can be earned for each CLASS domain is 10 points for the previous year for a total of 30 possible points in the previous year.

Therefore, each birth-to-five facility could earn a total of 100 possible points for CLASS across all three domains and across the current and previous year.

Each domain of CLASS has a different floor and target, which is presented in the tables below. In this example, the facility earned the following scores:

<table>
<thead>
<tr>
<th>Emotional Support</th>
<th>Classroom Organization</th>
<th>Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current year’s score:</strong> 5.0</td>
<td><strong>Current year’s score:</strong> 4.4</td>
<td><strong>Current year’s score:</strong> 2.56</td>
</tr>
<tr>
<td><strong>Previous year’s score:</strong> 4.8</td>
<td><strong>Previous year’s score:</strong> 4.0</td>
<td><strong>Previous year’s score:</strong> 2.0</td>
</tr>
<tr>
<td><strong>Target:</strong> 6</td>
<td><strong>Target:</strong> 6</td>
<td><strong>Target:</strong> 4</td>
</tr>
<tr>
<td><strong>Floor:</strong> 4.5</td>
<td><strong>Floor:</strong> 4.5</td>
<td><strong>Floor:</strong> 2</td>
</tr>
</tbody>
</table>

The following formula is used to calculate the points earned in each domain of CLASS:

\[
\text{Points Earned for Preschool/Pre-K Classrooms} = 23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) + 10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]
Example A

To calculate the framework points earned for CLASS, the current year’s points and previous year’s points are calculated separately for each domain as illustrated below:

**Emotional Support**

Insert the current year’s score (5.0), floor (4.5) and target (6) into the equation. Then, calculate.

\[
23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{5.0 - 4.5}{6 - 4.5} \right)
\]

\[
23.33 \times \left( \frac{0.5}{1.5} \right) = 7.78
\]

Insert the previous year’s score (4.8), floor (4.5) and target (6) into the equation. Then, calculate.

\[
10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
10 \times \left( \frac{4.8 - 4.5}{6 - 4.5} \right)
\]

\[
10 \times \left( \frac{0.3}{1.5} \right) = 2.00
\]

**Current Year CLASS Emotional Support Points Earned:** 7.78  
**Previous Year CLASS Emotional Support Points Earned:** 2.00
### Example A

<table>
<thead>
<tr>
<th>Classroom Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert the current year’s score (4.4), floor (4.5) and target (6) into the equation. Then, calculate.</td>
</tr>
</tbody>
</table>

\[
23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{4.4 - 4.5}{6 - 4.5} \right)
\]

\[
23.33 \times \left( \frac{-0.1}{1.5} \right) = -1.56
\]

\[-1.56 \rightarrow 0 \text{ points}\]

| Insert the previous year’s score (4.0), floor (4.5) and target (6) into the equation. Then, calculate. |

\[
10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
10 \times \left( \frac{4.0 - 4.5}{6 - 4.5} \right)
\]

\[
10 \times \left( \frac{-0.5}{1.5} \right) = -3.33
\]

\[-3.33 \rightarrow 0 \text{ points}\]

A facility cannot earn points when they score below the floor, so this facility earns 0 points for the current year and 0 points for the previous year for Classroom Organization.

**Current Year CLASS Classroom Organization Points Earned:** 0

**Previous Year CLASS Classroom Organization Points Earned:** 0
### Instructional Support

Insert the current year’s score (2.56), floor (2) and target (4) into the equation. Then, calculate.

\[ 23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) \]

\[ 23.33 \times \left( \frac{2.56 - 2}{4 - 2} \right) \]

\[ 23.33 \times \left( \frac{0.56}{2} \right) = 6.53 \]

Insert the previous year’s score (2.0), floor (2) and target (4) into the equation. Then, calculate.

\[ 10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) \]

\[ 10 \times \left( \frac{2.0 - 2}{4 - 2} \right) \]

\[ 10 \times \left( \frac{0}{2} \right) = 0 \]

**Current Year CLASS Instructional Support Points Earned:** 6.53

**Previous Year CLASS Instructional Support Points Earned:** 0
In the next step, the points earned from each CLASS domain are combined to calculate the total current year CLASS points and total previous year CLASS points:

<table>
<thead>
<tr>
<th>Current Year Emotional Support</th>
<th>Current Year Classroom Organization</th>
<th>Current Year Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.78 points +</td>
<td>0 points +</td>
<td>6.53 points</td>
</tr>
<tr>
<td></td>
<td></td>
<td>= 14.31 points</td>
</tr>
<tr>
<td>Previous Year Emotional Support</td>
<td>Previous Year Classroom Organization</td>
<td>Previous Year Instructional Support</td>
</tr>
<tr>
<td>2.00 points +</td>
<td>0 points +</td>
<td>0 points</td>
</tr>
<tr>
<td></td>
<td></td>
<td>= 2.00 points</td>
</tr>
</tbody>
</table>

Current Year CLASS Points Earned: 14.31
Previous Year CLASS Points Earned: 2.00
### Weighting Points Earned Based on Classroom Composition in the Birth-to-Five Facility

The final step in calculating this Birth-to-Five facility’s rating is to combine the facility’s points earned from the ITERS-R scores and the points earned from the CLASS scores and “weight” them by the proportion of infant/toddler and preschool/pre-K classrooms served in the facility.

In this example, during both the current and previous years, the classroom composition at this facility includes two (2) infant/toddler classrooms that were observed by ITERS-R and four (4) preschool/pre-K classrooms that were observed by CLASS; there is a total of six (6) classrooms that have observations.

<table>
<thead>
<tr>
<th></th>
<th>Infant/Toddler Classrooms</th>
<th>Preschool/Pre-K Classrooms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Current Year</td>
<td>Previous Year</td>
</tr>
<tr>
<td>Number of Classrooms of this Type</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Total Number of Classrooms in the Facility</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Proportion of Classrooms of this Type</td>
<td>2/6</td>
<td>2/6</td>
</tr>
</tbody>
</table>
In this example, two (2) of the six (6) classrooms in the facility are infant/toddler classrooms that were observed by ITERS-R in each year, so the ITERS-R total points earned in the Current Year Points (58.33) are multiplied by the proportion \( \frac{2}{6} \) of infant/toddler classrooms that have ITERS-R observations and the Previous Year Points (20.00) are multiplied by the proportion \( \frac{2}{6} \) of infant/toddler classrooms that have ITERS-R observations. This is then added together, resulting in 26.11 ITERS-R points.

\[
\left( \frac{\text{Current Year Points}}{\text{Classroom Proportion}} \right) + \left( \frac{\text{Previous Year Points}}{\text{Classroom Proportion}} \right) = \left( 58.33 \times \frac{2}{6} \right) + \left( 20.00 \times \frac{2}{6} \right) = 19.44 + 6.67 = 26.11
\]

**Weighted ITERS-R Points Earned: 26.11**
In this example, four (4) of the six (6) classrooms in the facility are preschool/pre-K classrooms that were observed by CLASS in each year, so the CLASS total points earned in the Current Year Points (14.31) are multiplied by the proportion $\left(\frac{4}{6}\right)$ of preschool/pre-K classrooms that have CLASS observations and the Previous Year Points (2.00) are multiplied by the proportion $\left(\frac{4}{6}\right)$ of preschool/pre-K classrooms that have CLASS observations. This is then added together, resulting in 10.87 CLASS points.

\[
\left(\frac{\text{Current Year Points}}{\text{Classroom Proportion}}\right) + \left(\frac{\text{Previous Year Points}}{\text{Classroom Proportion}}\right) = \left(\frac{14.31 \times 4}{6}\right) + \left(\frac{2.00 \times 4}{6}\right)
\]

\[
9.54 + 1.33 = 10.87
\]

**Weighted CLASS Points Earned: 10.87**
Finally, the weighted points earned from ITERS-R (26.11 points) and the weighted points earned from CLASS (10.87 points) are added together for a total of 36.98 points.

\[
\left( \frac{\text{Weighted ITERS-R}}{\text{Points Earned}} \right) + \left( \frac{\text{Weighted CLASS}}{\text{Points Earned}} \right)
\]

\[26.11 + 10.87 = 36.98\]

**Capital Quality Rating: 36.98**

This rating of 36.98 points translates to a Quality designation, meaning this facility would earn a Capital Quality designation of Quality.

**Capital Quality Designation: Quality**
26.11 + 10.87 = 36.98

Capital Quality Rating: 36.98

This rating of 36.98 points translates to a Quality designation, meaning this facility would earn a Capital Quality designation of Quality.

Capital Quality Designation: Quality
Example B
Birth-to-Five Facilities with Changing Classroom Composition: Two Types of Classroom Observations in Each Year During a Two-Year Rating Period
In this example, this Birth-to-Five facility has two infant/toddler classrooms observed with ITERS-R and four preschool/pre-K classrooms observed with CLASS in the current year. This Birth-to-Five facility’s current year’s scores are presented in blue.

In the previous year, this Birth-to-Five facility has three infant/toddler classrooms observed with ITERS-R and three preschool/pre-K classrooms observed with CLASS. This facility’s previous year’s scores are presented in purple.

To calculate the Capital Quality rating, start by calculating the ITERS-R portion of the rating for each year. In this example, the facility earned the following scores:

### ITERS-R

**Current year’s score:** 5.0  
**Previous year’s score:** 4.8

**Target:** 6  
**Floor:** 3

The following formula is used to calculate the points earned for Infant/Toddler Classrooms observed with ITERS-R:

$$
\text{Points Earned for Infant/Toddler Classrooms} = 70 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) + 30 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
$$
To calculate the framework points earned for Infant/Toddler Classrooms with ITERS-R, the current year’s points and previous year’s points are calculated separately as illustrated below:

<table>
<thead>
<tr>
<th>Current Year</th>
<th>Previous Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert the current year’s score (5.0), floor (3) and target (6) into the equation. Then, calculate.</td>
<td>Insert the previous year’s score (4.8), floor (3) and target (6) into the equation. Then, calculate.</td>
</tr>
<tr>
<td>$70 \times \left(\frac{5.0 - 3}{6 - 3}\right)$</td>
<td>$30 \times \left(\frac{4.8 - 3}{6 - 3}\right)$</td>
</tr>
<tr>
<td>$70 \times \left(\frac{2.0}{3}\right) = 46.67$</td>
<td>$30 \times \left(\frac{1.8}{3}\right) = 18.00$</td>
</tr>
</tbody>
</table>

Current Year ITERS-R Points Earned: 46.67  
Previous Year ITERS-R Points Earned: 18.00
Next, the CLASS portion of the rating is calculated for each domain and for each year. The possible points by year are calculated using scores from the three CLASS domains: Emotional Support (ES), Classroom Organization (CO) and Instructional Support (IS). The maximum possible points that can be earned for each CLASS domain is 23.33 points for the current year, for a total of 70 possible points for all CLASS domains in the current year; the maximum possible points that can be earned for each CLASS domain is 10 points for the previous year for a total of 30 possible points in the previous year.

Therefore, each birth-to-five facility could earn a total of 100 possible points for CLASS across all three domains and across the current and previous year.

Each domain of CLASS has a different floor and target, which is presented in the tables below. In this example, the facility earned the following scores:

<table>
<thead>
<tr>
<th>Emotional Support</th>
<th>Classroom Organization</th>
<th>Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current year’s score: 5.5</td>
<td>Current year’s score: 5.0</td>
<td>Current year’s score: 2.0</td>
</tr>
<tr>
<td>Previous year’s score: 5.1</td>
<td>Previous year’s score: 5.0</td>
<td>Previous year’s score: 1.8</td>
</tr>
<tr>
<td>Target: 6</td>
<td>Target: 6</td>
<td>Target: 4</td>
</tr>
<tr>
<td>Floor: 4.5</td>
<td>Floor: 4.5</td>
<td>Floor: 2</td>
</tr>
</tbody>
</table>

The following formula is used to calculate the points earned in each domain of CLASS:

Points Earned for Preschool/Pre-K Classrooms

\[
= 23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) + 10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]
Example B

To calculate the framework points earned for CLASS, the current year’s points and previous year’s points are calculated separately for each domain as illustrated below:

**Emotional Support**

Insert the current year’s score (5.5), floor (4.5) and target (6) into the equation. Then, calculate.

\[
23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{5.5 - 4.5}{6 - 4.5} \right)
\]

\[
23.33 \times \left( \frac{1.0}{1.5} \right) = 15.55
\]

Insert the previous year’s score (5.1), floor (4.5) and target (6) into the equation. Then, calculate.

\[
10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
10 \times \left( \frac{5.1 - 4.5}{6 - 4.5} \right)
\]

\[
10 \times \left( \frac{0.6}{1.5} \right) = 4.00
\]

**Current Year CLASS Emotional Support Points Earned:** 15.55  
**Previous Year CLASS Emotional Support Points Earned:** 4.00
Example B

**Classroom Organization**
Insert the current year’s score (5.0), floor (4.5) and target (6) into the equation. Then, calculate.

\[
23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{5.0 - 4.5}{6 - 4.5} \right)
\]

\[
23.33 \times \left( \frac{0.5}{1.5} \right) = 7.78
\]

Insert the previous year’s score (5.0), floor (4.5) and target (6) into the equation. Then, calculate.

\[
10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
10 \times \left( \frac{5.0 - 4.5}{6 - 4.5} \right)
\]

\[
10 \times \left( \frac{0.5}{1.5} \right) = 3.33
\]

**Current Year CLASS Classroom Organization Points Earned:** 7.78  
**Previous Year CLASS Classroom Organization Points Earned:** 3.33
Example B

**Instructional Support**

Insert the current year’s score (2.0), floor (2) and target (4) into the equation. Then, calculate.

\[
23.33 \times \left( \frac{\text{Current Year's Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{2.0 - 2}{4 - 2} \right)
\]

\[
23.33 \times \left( \frac{0}{2} \right) = 0
\]

Insert the previous year’s score (1.8), floor (2) and target (4) into the equation. Then, calculate.

\[
10 \times \left( \frac{\text{Previous Year's Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
10 \times \left( \frac{1.8 - 2}{4 - 2} \right)
\]

\[
10 \times \left( \frac{-0.2}{2} \right) = -1
\]

\[-1 \rightarrow 0 \text{ points}\]

A facility cannot earn points when they score below the floor, so the facility earns 0 points for the current year and 0 points for the previous year for Instructional Support.

**Current Year CLASS Instructional Support Points Earned: 0**

**Previous Year CLASS Instructional Support Points Earned: 0**
Example B

In the next step, the points earned from each CLASS domain are combined to calculate the total current year CLASS points and total previous year CLASS points:

<table>
<thead>
<tr>
<th>Current Year Emotional Support</th>
<th>Current Year Classroom Organization</th>
<th>Current Year Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.55 points +</td>
<td>7.78 points +</td>
<td>0 points</td>
</tr>
</tbody>
</table>

= 23.33 points

<table>
<thead>
<tr>
<th>Previous Year Emotional Support</th>
<th>Previous Year Classroom Organization</th>
<th>Previous Year Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.00 points +</td>
<td>3.33 points +</td>
<td>0 points</td>
</tr>
</tbody>
</table>

= 7.33 points

Current Year CLASS Points Earned: 23.33
Previous Year CLASS Points Earned: 7.33
**Example B**

**Weighting Points Earned Based on Classroom Composition in the Birth-to-Five Facility**

The final step in calculating this Birth-to-Five facility’s rating is to combine the facility’s points earned from the ITERS-R scores and the points earned from the CLASS scores and “weight” them by the proportion of infant/toddler and preschool/pre-K classrooms served in the facility.

In this example, during the current year, the classroom composition at this facility includes two (2) infant/toddler classrooms that were observed by ITERS-R and four (4) preschool/pre-K classrooms that were observed by CLASS; there is a total of six (6) classrooms that have observations.

During the previous year, the classroom composition at this facility includes three (3) infant/toddler classrooms that were observed by ITERS-R and three (3) preschool/pre-K classrooms that were observed by CLASS; there is a total of six (6) classrooms that have observations.

<table>
<thead>
<tr>
<th></th>
<th>Infant/Toddler Classrooms</th>
<th>Preschool/Pre-K Classrooms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Current Year</td>
<td>Previous Year</td>
</tr>
<tr>
<td><strong>Number of Classrooms of this Type</strong></td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Number of Classrooms in the Facility</strong></td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td><strong>Proportion of Classrooms of this Type</strong></td>
<td>$\frac{2}{6}$</td>
<td>$\frac{3}{6}$</td>
</tr>
</tbody>
</table>
In this example, two (2) of the six (6) classrooms in the facility are infant/toddler classrooms that were observed by ITERS-R in the current year, so the ITERS-R total points earned in the Current Year Points (46.67) are multiplied by the proportion (\(\frac{2}{6}\)) of current year infant/toddler classrooms that have ITERS-R observations. Three (3) of the six (6) classrooms in the facility are infant/toddler classrooms that were observed by ITERS-R in the previous year, so the ITERS-R total points earned in the Previous Year Points (18.00) are multiplied by the proportion (\(\frac{3}{6}\)) of previous year infant/toddler classrooms that have ITERS-R observations. This is then added together, resulting in 24.56 ITERS-R points.

\[
\left(\frac{\text{Current Year Points}}{\text{Classroom Proportion}}\right) + \left(\frac{\text{Previous Year Points}}{\text{Classroom Proportion}}\right)
\]

\[
\left(46.67 \times \frac{2}{6}\right) + \left(18.00 \times \frac{3}{6}\right)
\]

\[
15.56 + 9.00 = 24.56
\]

**Weighted ITERS-R Points Earned: 24.56**
Example B

In this example, four (4) of the six (6) classrooms in the facility are preschool/pre-K classrooms that were observed by CLASS in the current year, so the CLASS total points earned in the Current Year Points (23.33) are multiplied by the proportion \(\frac{4}{6}\) of current year preschool/pre-K classrooms that have CLASS observations. Three (3) of the six (6) classrooms in the facility are preschool/pre-K classrooms that were observed by CLASS in the previous year, so the CLASS total points earned in the Previous Year Points (7.33) are multiplied by the proportion \(\frac{3}{6}\) of previous year preschool/pre-K classrooms that were observed by CLASS. This is then added together, resulting in 19.22 CLASS points.

\[
\left(\frac{\text{Current Year Points}}{\text{Classroom Proportion}}\right) + \left(\frac{\text{Previous Year Points}}{\text{Classroom Proportion}}\right) = 19.22
\]

\[
\left(23.33 \times \frac{4}{6}\right) + \left(7.33 \times \frac{3}{6}\right) = 15.55 + 3.67 = 19.22
\]

**Weighted CLASS Points Earned: 19.22**
Finally, the weighted points earned from ITERS-R (24.56 points) and the weighted points earned from CLASS (19.22 points) are added together for a total of 43.78 points.

\[
\left( \text{Weighted ITERS-R} \right) + \left( \text{Weighted CLASS} \right) = 24.56 + 19.22 = 43.78
\]

**Capital Quality Rating: 43.78**

This rating of 43.78 points translates to a Quality designation, meaning this facility would earn a Capital Quality designation of Quality.

**Capital Quality Designation: Quality**
Example B

24.56 + 19.22 = 43.78

Capital Quality Rating: 43.78

This rating of 43.78 points translates to a Quality designation, meaning this facility would earn a Capital Quality designation of Quality.

Capital Quality Designation: Quality
Example C
Birth-to-Five Facilities with Changing Classroom Composition: Only One Type of Classroom Observation in One Year During a Two-Year Rating Period
In this example, this Birth-to-Five facility has four infant/toddler classrooms observed with ITERS-R and one preschool/pre-K classroom observed with CLASS in the current year. This Birth-to-Five facility’s current year’s scores are presented in blue.

In the previous year, this Birth-to-Five facility has five infant/toddler classrooms observed with ITERS-R and no preschool/pre-K classrooms observed with CLASS. This facility’s previous year’s scores are presented in purple.

To calculate the Capital Quality rating, start by calculating the ITERS-R portion of the rating for each year. In this example, the facility earned the following scores:

<table>
<thead>
<tr>
<th>ITERS-R</th>
<th>Current year’s score: 4.8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Previous year’s score: 4.5</td>
</tr>
<tr>
<td></td>
<td>Target: 6</td>
</tr>
<tr>
<td></td>
<td>Floor: 3</td>
</tr>
</tbody>
</table>

The following formula is used to calculate the points earned for Infant/Toddler Classrooms observed with ITERS-R:

Points Earned for Infant/Toddler Classrooms

\[
= 70 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) + 30 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]
Example C

To calculate the framework points earned for Infant/Toddler Classrooms with ITERS-R, the current year’s points and previous year’s points are calculated separately as illustrated below:

<table>
<thead>
<tr>
<th>Current Year Calculation</th>
<th>Previous Year Calculation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert the current year’s score (4.8), floor (3) and target (6) into the equation. Then, calculate.</td>
<td>Insert the previous year’s score (4.5), floor (3) and target (6) into the equation. Then, calculate.</td>
</tr>
<tr>
<td>$70 \times \left( \frac{4.8 - 3}{6 - 3} \right)$</td>
<td>$30 \times \left( \frac{4.5 - 3}{6 - 3} \right)$</td>
</tr>
<tr>
<td>$70 \times \left( \frac{1.8}{3} \right) = 42.00$</td>
<td>$30 \times \left( \frac{1.5}{3} \right) = 15.00$</td>
</tr>
</tbody>
</table>

Current Year ITERS-R Points Earned: 42.00
Previous Year ITERS-R Points Earned: 15.00
Next, the CLASS portion of the rating is calculated for each domain and for each year. The possible points by year are calculated using scores from the three CLASS domains: Emotional Support (ES), Classroom Organization (CO) and Instructional Support (IS). The maximum possible points that can be earned for each CLASS domain is 23.33 points for the current year, for a total of 70 possible points for all CLASS domains in the current year; the maximum possible points that can be earned for each CLASS domain is 10 points for the previous year for a total of 30 possible points in the previous year.

Therefore, each birth-to-five facility could earn a total of 100 possible points for CLASS across all three domains and across the current and previous year.

Each domain of CLASS has a different floor and target, which is presented in the tables below. In this example, the facility earned the following scores:

<table>
<thead>
<tr>
<th>Emotional Support</th>
<th>Classroom Organization</th>
<th>Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current year’s score: 5.5</td>
<td>Current year’s score: 5.0</td>
<td>Current year’s score: 2.0</td>
</tr>
<tr>
<td>Previous year’s score: N/A</td>
<td>Previous year’s score: N/A</td>
<td>Previous year’s score: N/A</td>
</tr>
<tr>
<td>Target: 6</td>
<td>Target: 6</td>
<td>Target: 4</td>
</tr>
<tr>
<td>Floor: 4.5</td>
<td>Floor: 4.5</td>
<td>Floor: 2</td>
</tr>
</tbody>
</table>

The following formula is used to calculate the points earned in each domain of CLASS:

\[
\text{Points Earned for Preschool/Pre-K Classrooms} = 23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) + 10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]
Example C

To calculate the framework points earned for CLASS, the current year’s points and previous year’s points are calculated separately for each domain as illustrated below:

**Emotional Support**

Insert the current year’s score (5.5), floor (4.5) and target (6) into the equation. Then, calculate.

\[
23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{5.5 - 4.5}{6 - 4.5} \right)
\]

\[
23.33 \times \left( \frac{1.0}{1.5} \right) = 15.55
\]

This facility has no previous year’s CLASS score, so no scores are calculated for this domain of CLASS for the previous year.

**Current Year CLASS Emotional Support Points Earned:** 15.55

**Previous Year CLASS Emotional Support Points Earned:** Not Applicable (N/A)
## Classroom Organization

Insert the current year’s score (5.0), floor (4.5) and target (6) into the equation. Then, calculate.

\[
23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}} {\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{5.0 - 4.5} {6 - 4.5} \right)
\]

\[
23.33 \times \left( \frac{0.5} {1.5} \right) = 7.78
\]

This facility has no previous year’s CLASS score, so no scores are calculated for this domain of CLASS for the previous year.

**Current Year CLASS Classroom Organization Points Earned:** 7.78

**Previous Year CLASS Classroom Organization Points Earned:** Not Applicable (N/A)
**Instructional Support**

Insert the current year’s score (2.0), floor (2) and target (4) into the equation. Then, calculate.

\[
23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{2.0 - 2}{4 - 2} \right)
\]

\[
23.33 \times \left( \frac{0}{2} \right) = 0
\]

This facility has no previous year’s CLASS score, so no scores are calculated for this domain of CLASS for the previous year.

Current Year CLASS Instructional Support Points Earned: 0

Previous Year CLASS Instructional Support Points Earned: Not Applicable (N/A)
In the next step, the points earned from each CLASS domain are combined to calculate the total current year CLASS points and total previous year CLASS points, which, in this case are Not Applicable (N/A):

<table>
<thead>
<tr>
<th>Current Year Emotional Support</th>
<th>Current Year Classroom Organization</th>
<th>Current Year Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.55 points +</td>
<td>7.78 points +</td>
<td>0 points</td>
</tr>
</tbody>
</table>

= 23.33 points

<table>
<thead>
<tr>
<th>Previous Year Emotional Support</th>
<th>Previous Year Classroom Organization</th>
<th>Previous Year Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A

Current Year CLASS Points Earned: 23.33
Previous Year CLASS Points Earned: N/A
Example C

Weighting Points Earned Based on Classroom Composition in the Birth-to-Five Facility

The final step in calculating this Birth-to-Five facility’s rating is to combine the facility’s points earned from the ITERS-R scores and the points earned from the CLASS scores and “weight” them by the proportion of infant/toddler and preschool/pre-K classrooms served in the facility.

In this example, during the current year, the classroom composition at this facility includes four (4) infant/toddler classrooms that were observed by ITERS R and one (1) preschool/pre-K classroom that was observed by CLASS; there is a total of five (5) classrooms that have observations.

During the previous year, the classroom composition at this facility includes five (5) infant/toddler classrooms that were observed by ITERS-R and no preschool/pre-K classrooms that were observed by CLASS; there is a total of five (5) classrooms that have observations.

<table>
<thead>
<tr>
<th></th>
<th>Infant/Toddler Classrooms</th>
<th>Preschool/Pre-K Classrooms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Current Year</td>
<td>Previous Year</td>
</tr>
<tr>
<td>Number of Classrooms of this Type</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Total Number of Classrooms in the Facility</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Proportion of Classrooms of this Type</td>
<td>( \frac{4}{5} )</td>
<td>( \frac{5}{5} )</td>
</tr>
</tbody>
</table>
In this example, four (4) of the five (5) classrooms in the facility are infant/toddler classrooms that were observed by ITERS-R in the current year, so the ITERS-R total points earned in the Current Year Points (42.00) are multiplied by the proportion \( \frac{4}{5} \) of current year infant/toddler classrooms that have observations. Five (5) of the five (5) classrooms in the facility are infant/toddler classrooms that were observed by ITERS-R in the previous year, so the ITERS-R total points earned in the Previous Year Points (15.00) are multiplied by the proportion \( \frac{5}{5} \) of previous year infant/toddler classrooms that have observations. This is then added together, resulting in 48.60 ITERS-R points.

\[
\left( \left( \frac{\text{Current Year Points}}{\text{Current Year Classroom Proportion}} \right) \times \left( \frac{\text{Previous Year Points}}{\text{Previous Year Classroom Proportion}} \right) \right) + \left( \left( \frac{\text{Current Year Points}}{\text{Current Year Classroom Proportion}} \right) \times \left( \frac{\text{Previous Year Points}}{\text{Previous Year Classroom Proportion}} \right) \right)
\]

\[
\left( 42.00 \times \left( \frac{4}{5} \right) \right) + \left( 15.00 \times \left( \frac{5}{5} \right) \right)
\]

\[
33.60 + 15.00 = 48.60
\]

**Weighted ITERS-R Points Earned: 48.60**
In this example, one (1) of the five (5) classrooms in the facility is a preschool/pre-K classroom that was observed by CLASS in the current year, so the CLASS total points earned in the Current Year Points (23.33) are multiplied by the proportion \( \frac{1}{5} \) of current year preschool/pre-K classrooms that have observations. None (0) of the five (5) classrooms in the facility are preschool/pre-K classrooms that were observed by CLASS in the previous year, so there were no CLASS total points earned in the Previous Year Points (N/A) and the proportion of previous year preschool/pre-K classrooms that have observations is \( \frac{0}{5} \). This results in 4.67 CLASS points.

\[
(\text{Current Year Points}) \times (\text{Current Year Classroom Proportion}) + (\text{Previous Year Points}) \times (\text{Previous Year Classroom Proportion}) \\
(23.33 \times \frac{1}{5}) + (\text{Not Applicable} \times \frac{0}{5}) \\
4.67 + 0 = 4.67
\]

**Weighted CLASS Points Earned: 4.67**
Finally, the weighted points earned from ITERS-R (48.60 points) and the weighted points earned from CLASS (4.67 points) are added together for a total of 53.27 points.

\[
\left( \frac{\text{Weighted ITERS-R}}{\text{Points Earned}} \right) + \left( \frac{\text{Weighted CLASS}}{\text{Points Earned}} \right)
\]

\[
48.60 + 4.67 = 53.27
\]

**Capital Quality Rating: 53.27**

This rating of 53.27 points translates to a Quality designation, meaning this facility would earn a Capital Quality designation of Quality.

**Capital Quality Designation: Quality**
Capital Quality Rating: 53.27

This rating of 53.27 points translates to a Quality designation, meaning this facility would earn a Capital Quality designation of Quality.

Capital Quality Designation: Quality
Example D
Birth-to-Five Facilities with Stable Classroom Composition:
Two Types of Classroom Observations in Each Year During a Two-Year Rating Period
In this example, this Birth-to-Five facility has two infant/toddler classrooms observed with ITERS-R and four preschool/pre-K classrooms observed with CLASS. This Birth-to-Five facility’s current year’s scores are presented in blue and previous year’s scores are presented in purple.

To calculate the Capital Quality rating, start by calculating the ITERS-R portion of the rating for each year. In this example, the facility earned the following scores:

**ITERS-R**

- Current year’s score: 5.5
- Previous year’s score: 5.0

**Target:** 6  
**Floor:** 3

The following formula is used to calculate the points earned for Infant/Toddler Classrooms observed with ITERS-R:

\[
\text{Points Earned for Infant/Toddler Classrooms} = 70 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) + 30 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]
To calculate the framework points earned for Infant/Toddler Classrooms with ITERS-R, the current year’s points and previous year’s points can be calculated separately as illustrated below:

Insert the current year’s score (5.5), floor (3) and target (6) into the equation. Then, calculate.

\[
70 \times \left( \frac{5.5 - 3}{6 - 3} \right)
\]

\[
70 \times \left( \frac{2.5}{3} \right) = 58.33
\]

Insert the previous year’s score (5.0), floor (3) and target (6) into the equation. Then, calculate.

\[
30 \times \left( \frac{5.0 - 3}{6 - 3} \right)
\]

\[
30 \times \left( \frac{2.0}{3} \right) = 20.00
\]

Current Year ITERS-R Points Earned: 58.33
Previous Year ITERS-R Points Earned: 20.00
Next, the CLASS portion of the rating is calculated for each domain and for each year. The possible points by year are calculated using scores from the three CLASS domains: Emotional Support (ES), Classroom Organization (CO) and Instructional Support (IS). The maximum possible points that can be earned for each CLASS domain is 23.33 points for the current year, for a total of 70 possible points for all CLASS domains in the current year; the maximum possible points that can be earned for each CLASS domain is 10 points for the previous year for a total of 30 possible points in the previous year.

Therefore, each birth-to-five facility could earn a total of 100 possible points for CLASS across all three domains and across the current and previous year.

Each domain of CLASS has a different floor and target, which is presented in the tables below. In this example, the facility earned the following scores:

<table>
<thead>
<tr>
<th>Emotional Support</th>
<th>Classroom Organization</th>
<th>Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current year’s score: 6.2</td>
<td>Current year’s score: 4.4</td>
<td>Current year’s score: 2.56</td>
</tr>
<tr>
<td>Previous year’s score: 4.8</td>
<td>Previous year’s score: 4.0</td>
<td>Previous year’s score: 2.0</td>
</tr>
<tr>
<td>Target: 6</td>
<td>Target: 6</td>
<td>Target: 4</td>
</tr>
<tr>
<td>Floor: 4.5</td>
<td>Floor: 4.5</td>
<td>Floor: 2</td>
</tr>
</tbody>
</table>

The following formula is used to calculate the points earned in each domain of CLASS:

\[
\text{Points Earned for Preschool/Pre-K Classrooms} = 23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) + 10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]
Example D

Emotional Support

Insert the current year’s score (6.2), floor (4.5) and target (6) into the equation. Then, calculate.

\[ 23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) \]

\[ 23.33 \times \left( \frac{6.2 - 4.5}{6 - 4.5} \right) \]

\[ 23.33 \times \left( \frac{1.7}{1.5} \right) = 26.44 \]

26.44 → **23.33 points**

Insert the previous year’s score (4.8), floor (4.5) and target (6) into the equation. Then, calculate.

\[ 10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right) \]

\[ 10 \times \left( \frac{4.8 - 4.5}{6 - 4.5} \right) \]

\[ 10 \times \left( \frac{0.3}{1.5} \right) = 2.00 \]

A facility cannot earn more than the maximum possible points for each CLASS domain in any year (i.e., either the current or previous year). Given this, this facility earns 23.33 points, the maximum possible points for the current year, and 2.00 points for the previous year for Emotional Support.

**Current Year CLASS Emotional Support Points Earned: 23.33**

**Previous Year CLASS Emotional Support Points Earned: 2.00**
### Classroom Organization

Insert the current year’s score (4.4), floor (4.5) and target (6) into the equation. Then, calculate.

\[
23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{4.4 - 4.5}{6 - 4.5} \right)
\]

\[
23.33 \times \left( \frac{-0.1}{1.5} \right) = -1.56
\]

\[-1.56 \rightarrow 0 \text{ points}\]

---

Insert the previous year’s score (4.0), floor (4.5) and target (6) into the equation. Then, calculate.

\[
10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
10 \times \left( \frac{4.0 - 4.5}{6 - 4.5} \right)
\]

\[
10 \times \left( \frac{-0.5}{1.5} \right) = -3.33
\]

\[-3.33 \rightarrow 0 \text{ points}\]

A facility cannot earn points when they score below the floor, so this facility earns 0 points for the current year and 0 points for the previous year for Classroom Organization.

**Current Year CLASS Classroom Organization Points Earned: 0**

**Previous Year CLASS Classroom Organization Points Earned: 0**
**Example D**

**Instructional Support**
Insert the current year’s score (2.56), floor (2) and target (4) into the equation. Then, calculate.

\[
23.33 \times \left( \frac{\text{Current Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
23.33 \times \left( \frac{2.56 - 2}{4 - 2} \right) = 6.53
\]

Insert the previous year’s score (2.0), floor (2) and target (4) into the equation. Then, calculate.

\[
10 \times \left( \frac{\text{Previous Year’s Score} - \text{Floor}}{\text{Target} - \text{Floor}} \right)
\]

\[
10 \times \left( \frac{2.0 - 2}{4 - 2} \right) = 0
\]

**Current Year CLASS Instructional Support Points Earned: 6.53**

**Previous Year CLASS Instructional Support Points Earned: 0**
In the next step, the points earned from each CLASS domain are combined to calculate the total current year CLASS points and total previous year CLASS points:

<table>
<thead>
<tr>
<th>Current Year Emotional Support</th>
<th>Current Year Classroom Organization</th>
<th>Current Year Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.33 points +</td>
<td>0 points +</td>
<td>6.53 points</td>
</tr>
</tbody>
</table>

= 29.86 points

<table>
<thead>
<tr>
<th>Previous Year Emotional Support</th>
<th>Previous Year Classroom Organization</th>
<th>Previous Year Instructional Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00 points +</td>
<td>0 points +</td>
<td>0 points</td>
</tr>
</tbody>
</table>

= 2.00 points

Current Year CLASS Points Earned: 29.86
Previous Year CLASS Points Earned: 2.00
Weighting Points Earned Based on Classroom Composition in the Birth-to-Five Facility

The final step in calculating this Birth-to-Five facility’s rating is to combine the facility’s points earned from the ITERS-R scores and the points earned from the CLASS scores and “weight” them by the proportion of infant/toddler and preschool/pre-K classrooms served in the facility.

In this example, during both the current and previous years, the classroom composition at this facility includes two (2) infant/toddler classrooms that were observed by ITERS-R and four (4) preschool/pre-K classrooms that were observed by CLASS; there is a total of six (6) classrooms that have observations.

<table>
<thead>
<tr>
<th></th>
<th>Infant/Toddler Classrooms</th>
<th>Preschool/Pre-K Classrooms</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Current Year</td>
<td>Previous Year</td>
</tr>
<tr>
<td><strong>Number of Classrooms of this Type</strong></td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total Number of Classrooms in the Facility</strong></td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td><strong>Proportion of Classrooms of this Type</strong></td>
<td>(\frac{2}{6})</td>
<td>(\frac{2}{6})</td>
</tr>
</tbody>
</table>
In this example, two (2) of the six (6) classrooms in the facility are infant/toddler classrooms that were observed by ITERS-R in each year, so the ITERS-R total points earned in the Current Year Points (58.33) are multiplied by the proportion \(\left(\frac{2}{6}\right)\) of infant/toddler classrooms that have ITERS-R observations and the Previous Year Points (20.00) are multiplied by the proportion \(\left(\frac{2}{6}\right)\) of infant/toddler classrooms that have ITERS-R observations. This is then added together, resulting in 26.11 ITERS-R points.

\[
\left(\frac{\text{Current Year Points}}{\text{Current Year Classroom Proportion}}\right) + \left(\frac{\text{Previous Year Points}}{\text{Previous Year Classroom Proportion}}\right) \\
\left(58.33 \times \left(\frac{2}{6}\right)\right) + \left(20.00 \times \left(\frac{2}{6}\right)\right) \\
19.44 + 6.67 = 26.11
\]

Weighted ITERS-R Points Earned: 26.11
In this example, four (4) of the six (6) classrooms in the facility are preschool/pre-K classrooms that were observed by CLASS in each year, so the CLASS total points earned in the Current Year Points (29.86) are multiplied by the proportion \( \frac{4}{6} \) of preschool/pre-K classrooms that have CLASS observations and the Previous Year Points (2.00) are multiplied by the proportion \( \frac{4}{6} \) of preschool/pre-K classrooms that have CLASS observations. This is then added together, resulting in 21.23 CLASS points.

\[
\left( \left( \text{Current Year Points} \times \text{Current Year Classroom Proportion} \right) \right) + \left( \left( \text{Previous Year Points} \times \text{Previous Year Classroom Proportion} \right) \right)
\]

\[
\left( 29.86 \times \frac{4}{6} \right) + \left( 2.00 \times \frac{4}{6} \right)
\]

\[
19.90 + 1.33 = 21.23
\]

**Weighted CLASS Points Earned: 21.23**
Finally, the weighted points earned from ITERS-R (26.11 points) and the weighted points earned from CLASS (21.23 points) are added together for a total of 47.34 points.

\[
\left( \frac{\text{Weighted ITERS-R Points Earned}}{\text{Weighted CLASS Points Earned}} \right) + \left( \frac{\text{Weighted CLASS Points Earned}}{\text{Weighted CLASS Points Earned}} \right) = 26.11 + 21.23 = 47.34
\]

**Capital Quality Rating: 47.34**

This rating of 47.34 points translates to a Quality designation, meaning this facility would earn a Capital Quality designation of Quality.

**Capital Quality Designation: Quality**
Example D

26.11 + 21.23 = 47.34

Capital Quality Rating: 47.34

This rating of 47.34 points translates to a Quality designation, meaning this facility would earn a Capital Quality designation of Quality.

Capital Quality Designation: Quality
Next Steps

• **Capital Quality framework-specific rating calculation webinars** will be posted on [https://osse.dc.gov/page/capital-quality-qris](https://osse.dc.gov/page/capital-quality-qris) once recorded.

Validation

• **Sept. 16-Sept. 30, 2019**
  – Providers have an opportunity to validate 2018-2019 Capital Quality ratings, designations and other information that may be shared on the Capital Quality profile.

• **5 p.m. on Sept. 30, 2019**
  – Submissions of concerns about accuracy of information or the calculation of the Capital Quality rating are due.

• **Oct. 15, 2019**
  – OSSE will respond no later than this date to all concerns raised.

Notes

• It is critical that providers adhere to the Sept. 30 deadline to submit concerns; OSSE will not respond to concerns raised after Sept. 30, 2019.

• Validation is a passive process, so no submissions of concerns are required.
Next Steps: Available Technical Assistance

• Ensure your contact information is accurate on file with OSSE.
  – If you need to update your contact information, contact your respective licensing specialist.

• Sign up for technical assistance during the validation time period.
  – Review the validation guide (available in September 2019).
  – Quality facilitators and education service monitors (ESMs) can support assigned facilities during the validation time period.
  – Attend webinars on the validation process and Quick Base app during the week of Sept. 9-13, 2019.
  – Attend office hours (schedule forthcoming).
OSSE Contacts

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Thank you!