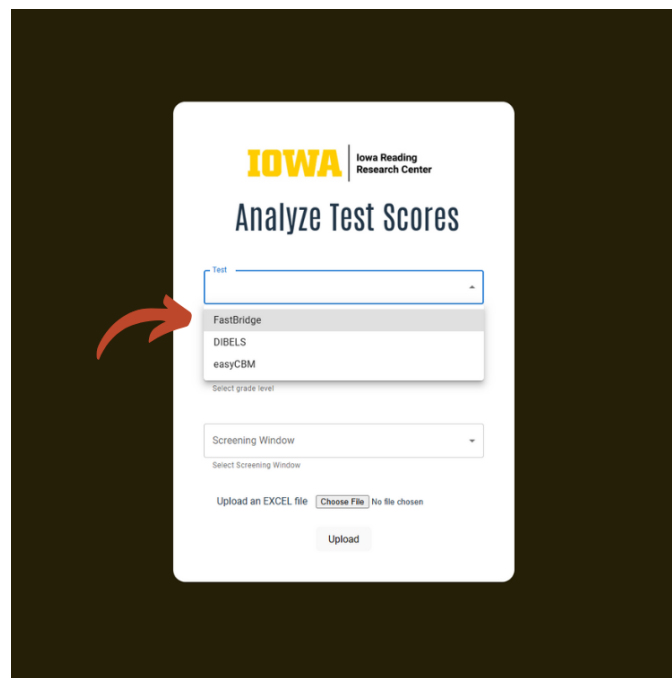


How to Use the Tier 1.5 Calculator

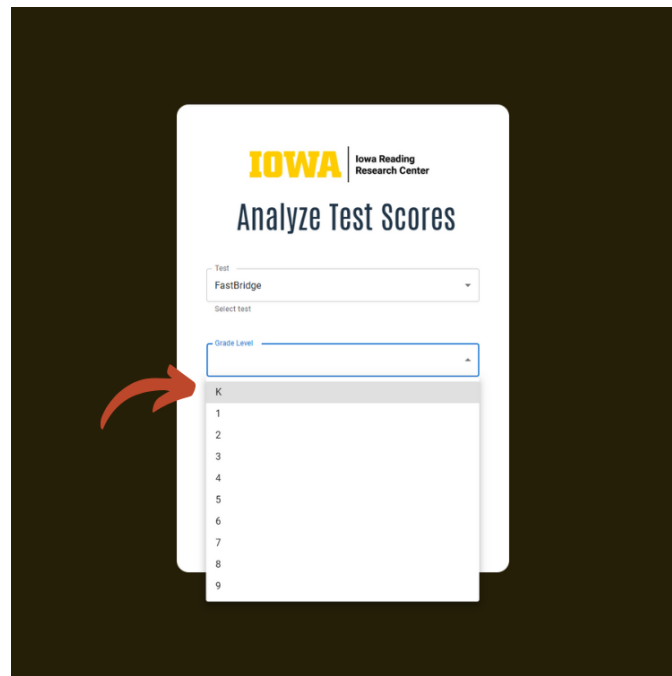
The Tier 1.5 Calculator helps educators identify classrooms that are not responsive to Tier 1 classroom instruction and could benefit from a classwide intervention, also known as “Tier 1.5.” Prior studies have determined the need for Tier 1.5 by comparing class median scores to a set criterion, ranging from the 25th percentile to the 40th percentile. If the class median falls at or below the selected criterion, then Tier 1.5 is recommended.

Using the calculator, upload your classroom’s scores for 2021 FastBridge, DIBELS 8, or 2020/Version 3 easyCBM, following the steps below to see where your class median score falls relative to these important cutoff points.

1. Select the test you are using (i.e., FastBridge, DIBELS, easyCBM) by clicking the test name from the dropdown menu.

A screenshot of a web form titled "Analyze Test Scores" from the Iowa Reading Research Center. The form has a white background with a dark blue header. It contains a "Test" dropdown menu with a red arrow pointing to it, showing options for "FastBridge", "DIBELS", and "easyCBM". Below this is a "Select grade level" dropdown menu. Further down is a "Screening Window" dropdown menu. At the bottom, there is a section for "Upload an EXCEL file" with a "Choose File" button and a "No file chosen" status, followed by an "Upload" button.

2. Select the grade level of your classroom (i.e. K-9 for FastBridge or K-5 for DIBELS and easyCBM) by clicking the grade level from the dropdown menu.



IOWA | Iowa Reading Research Center

Analyze Test Scores

Test
FastBridge

Grade Level

- K
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

3. Select the screening window (i.e., fall, winter, spring) by clicking the appropriate window from the dropdown menu.



IOWA | Iowa Reading Research Center

Analyze Test Scores

Test
FastBridge

Grade Level
1

Screening Window

- Fall
- Winter
- Spring

Upload

4. Click "Choose File" to upload an Excel spreadsheet with your classroom scores.

IOWA | Iowa Reading Research Center

Analyze Test Scores

Test: Select test

Grade Level: Select grade level

Screening Window: Select Screening Window

Upload an EXCEL file No file chosen

Ensure that column names in your Excel file match the column names shown in the examples below. Your Excel file can contain additional data as long as it also contains the relevant score data. The only accepted file type is .xlsx.

easyCBM

Basic Reading	Proficient Reading
13	9
13	9
13	9

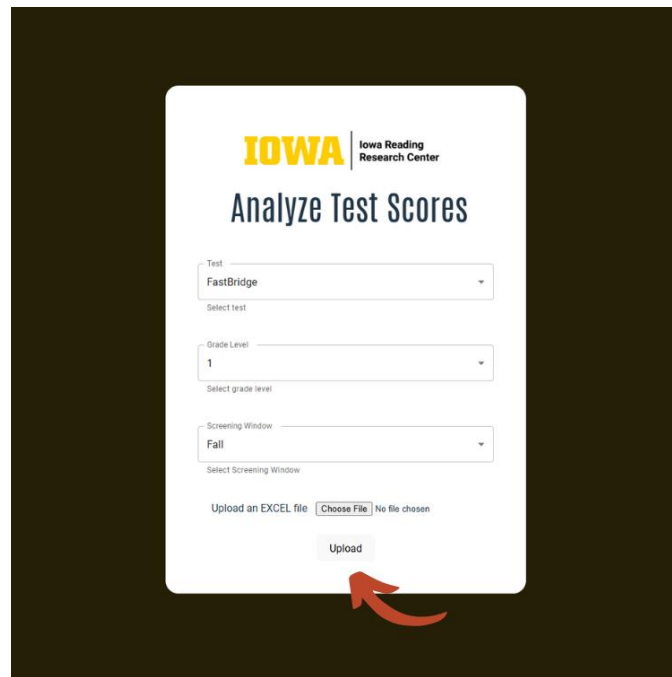
DIBELS

Composite
320
320
320

FastBridge

aReading	CBMReading	earlyReading
406	11	58
406	11	58
406	11	58

- Click "Upload" to process your request.



The screenshot shows a web form titled "Analyze Test Scores" from the Iowa Reading Research Center. The form includes three dropdown menus: "Test" (set to "FastBridge"), "Grade Level" (set to "1"), and "Screening Window" (set to "Fall"). Below these is a file upload section with the text "Upload an EXCEL file", a "Choose File" button, and the status "No file chosen". At the bottom of the form is an "Upload" button, which is highlighted by a red curved arrow.

6. The Tier 1.5 Calculator will calculate your class median score and display it on a scale relative to the 25th percentile or the 40th percentile—important cutoff points used to determine when Tier 1.5 is needed. Separate scales are displayed for each subtest (e.g., aReading, CBMReading, earlyReading). The 25th and 40th percentiles are indicated by blue dots. Your class median score is represented by a red, yellow, or green dot. A red dot indicates that your classroom's median score falls below the 25th percentile; a yellow dot indicates that it falls between the 25th and 40th percentiles, and a green dot indicates that it is at or above the 40th percentile. A yellow or red dot suggests that Tier 1.5 may benefit the students in this classroom.

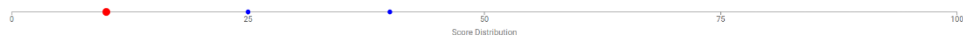
Your classroom's results

- Test: FastBridge
- Grade Level: 1
- Screening Window: Fall

● ● ● These dots represent your classroom's median percentile. Below 25th percentile is marked by a red dot, below 40th percentile by a yellow dot, and 40th and above by a green dot.
● Blue dots mark the 25th and 40th percentiles.

aReading

- Median Score: 406
- Median Percentile: 10



If the class median scores falls at or below the 25th percentile or 40th percentile, it suggests that a significant proportion (50% or more) of students are performing below national norms. In this case, adjustments to core instruction or class-wide intervention should be considered.

CBMReading

- Median Score: 11
- Median Percentile: 33



If the class median scores falls at or below the 25th percentile or 40th percentile, it suggests that a significant proportion (50% or more) of students are performing below national norms. In this case, adjustments to core instruction or class-wide intervention should be considered.

earlyReading

- Median Score: 58
- Median Percentile: 80



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