

Welcome to training module #10 in the Centralized Reporting System series, How to Analyze Basic Interim Assessment Reports. In this module we show you some of the unique reporting characteristics of interim tests that include item-level data.

Objectives

- Understand the types of tests that report item-level data in Reporting
- Navigate from the dashboard to interim and benchmark assessment data
- Interpret simple interim and benchmark assessment reports
- View and understand items on tests:

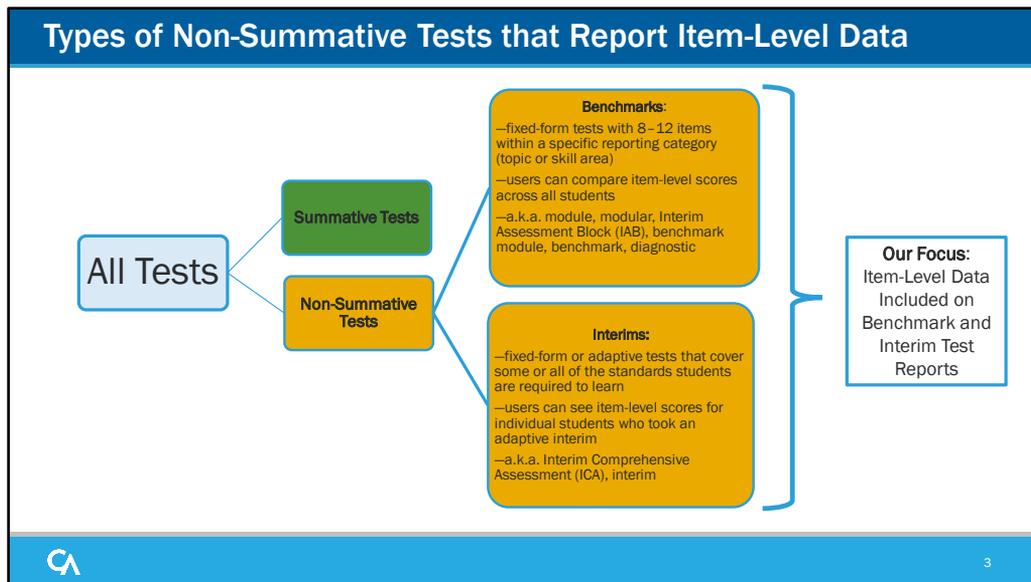


The objectives of this module are to first introduce the types of non-summative tests that are reported in the Reporting System.

Next, we show you how to navigate from the dashboard to your interim and benchmark assessment data.

We then help you interpret simple interim and benchmark assessment reports.

Finally, we show you how to view and understand items on your interim and benchmark tests.



The focus of this training module is on non-summative data in the Reporting System. For these kinds of low-stakes tests, Reporting provides item-level data, access to the items themselves and access to student responses to the items. This chart shows how tests in Reporting are categorized.

NOTE: Interim items that appear on the interim assessments (IABs and ICAs) are secure items and can only be used in the classroom and school environments. The item content can not be shared with parents. Sharing item content beyond the classroom and school will constitute a security breach and must be reported to the Delaware Department of Education.

Summative tests are end-of-year or end-of-course comprehensive tests that assess the grade-level standards for an entire subject. Non-summative tests vary by state and district and can be divided into benchmark and interim tests.

Benchmark tests are typically short tests in a single reporting category with non-secure items. Users can compare item-level scores and the items themselves, for all their students.

Interim tests are typically longer than benchmark tests, but shorter than summative tests. Many interim tests will report item-level data, depending on the type of test and on state and district policies.

In the next slides, we show you how to navigate to the interim and benchmark test results for your students.

Dashboard View

Default District Level Dashboard



Default School Level Dashboard




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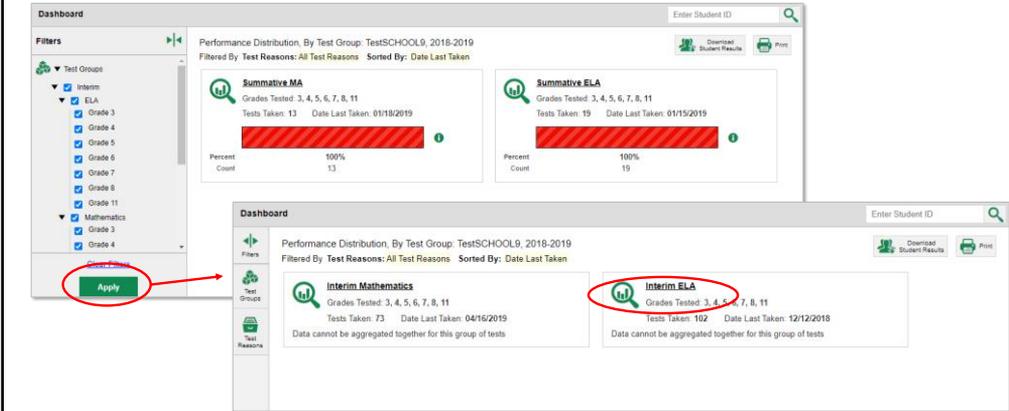
Here are examples of dashboards for district level users and school level users. The dashboards will display all the tests your students have completed.

NOTE: On the school level dashboard, if your students have completed summative assessments, the dashboard is automatically filtered to display summative tests only.

To navigate from the dashboard to your interim and benchmark test data, click the Filters button at the top of the panel on the left. The Filters panel opens.

To navigate from the dashboard to test data, click the Filters button at the top of the panel on the left. The Filters panel opens.

Dashboard View: Filtering



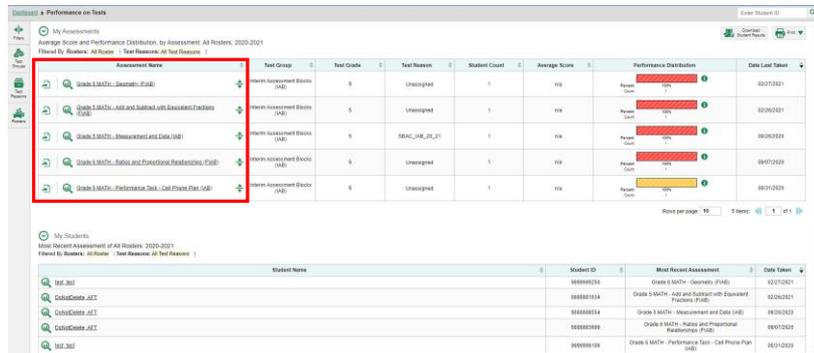
The screenshot displays two views of the dashboard. The top view shows 'Summative MA' and 'Summative ELA' results. The bottom view shows 'Interim Mathematics' and 'Interim ELA' results. The 'Interim ELA' card in the bottom view is circled in red, and the 'Apply' button in the filters panel is also circled in red with an arrow pointing to it.

Click on Test Group and select the interim or benchmark tests that you would like to view.

Click the Apply button at the bottom of the Filters panel.

The dashboard updates to display the aggregate test results for the tests you have selected. Click a test name or the magnifying glass beside it. This takes you to the Performance on Tests page displaying aggregate data for that group.

Performance on Tests Report View



| Assessment Name | Test Group | Test Grade | Test Status | Student Count | Average Score | Performance Distribution | Date Taken |
|--|---------------------------|------------|---------------|---------------|---------------|--------------------------|------------|
| Grade 5 MATH - Geometry (F:AB) | Math Assessment Block (M) | 5 | Unassigned | 1 | NA | | 02/07/2021 |
| Grade 5 MATH - Area and Surface with Equivalents (F:AB) | Math Assessment Block (M) | 5 | Unassigned | 1 | NA | | 02/09/2021 |
| Grade 5 MATH - Measurement and Data (M) | Math Assessment Block (M) | 5 | SEAC_MK_ZK_21 | 1 | NA | | 09/09/2020 |
| Grade 5 MATH - Ratio and Proportional Relationships (F:AB) | Math Assessment Block (M) | 5 | Unassigned | 1 | NA | | 09/07/2020 |
| Grade 5 MATH - Performance Task - Cell Phone Plan (M) | Math Assessment Block (M) | 5 | Unassigned | 1 | NA | | 05/17/2020 |

| Student Name | Student ID | Most Recent Assessment | Date Taken |
|--------------|------------|--|------------|
| MS1_361 | 999999239 | Grade 5 MATH - Geometry (F:AB) | 02/07/2021 |
| MS1Cenra_ZJT | 999999124 | Grade 5 MATH - Cell and Surface with Equivalent Figures (F:AB) | 02/09/2021 |
| MS1Cenra_ZJT | 999999054 | Grade 5 MATH - Measurement and Data (M) | 09/09/2020 |
| MS1Cenra_ZJT | 999999099 | Grade 5 MATH - Ratio and Proportional Relationships (F:AB) | 09/07/2020 |
| MS1_361 | 999999109 | Grade 5 MATH - Performance Task - Cell Phone Plan (M) | 05/17/2020 |

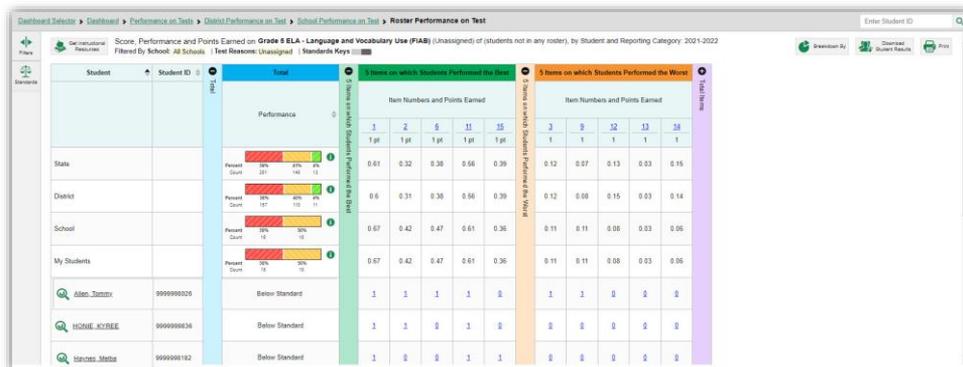


Here is the Performance on Tests page. It is filtered to display only tests that fall within the single test group you clicked on. You can use the table to quickly compare how your students have performed across tests.

From here, you can click on any one of the tests in order to view the data for the specific test. You can navigate from there to the Performance by Student tab, or to the Roster Performance on Test page.

The first page we show you is a Roster Performance on Test page for a benchmark assessment.

Test Report View: Single Reporting Category



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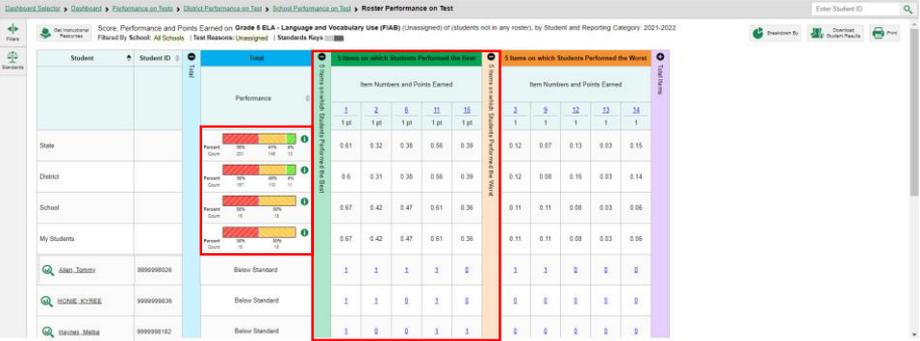
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Here is the Roster Performance on Test page for a class roster that took the Interim ELA Grade 5 Language and Vocabulary Use IAB. This test assesses a single reporting category, also known as a topic or skill area.

The colored sections in the table include a Total performance section in blue, a green section for 5 Items on which Students Performed the Best, an orange section for 5 Items on which Students Performed the Worst, and a purple section for Total Items. You can expand or collapse the sections by clicking the vertical section bars, which display plus and minus signs.

To show you how to analyze your results, first focus on the green section, showing the five items on which students performed the best.

Test Report View: Single Reporting Category (continued)



5 Items on which Students Performed the Best

| Item Number | Points Possible | Points Earned | Average Score |
|-------------|-----------------|---------------|---------------|
| 1 | 1 pt | 1 pt | 0.61 |
| 2 | 1 pt | 1 pt | 0.32 |
| 6 | 1 pt | 1 pt | 0.36 |
| 11 | 1 pt | 1 pt | 0.56 |
| 15 | 1 pt | 1 pt | 0.39 |

5 Items on which Students Performed the Worst

| Item Number | Points Possible | Points Earned | Average Score |
|-------------|-----------------|---------------|---------------|
| 3 | 1 pt | 1 pt | 0.12 |
| 9 | 1 pt | 1 pt | 0.07 |
| 12 | 1 pt | 1 pt | 0.13 |
| 13 | 1 pt | 1 pt | 0.03 |
| 16 | 1 pt | 1 pt | 0.15 |

The rows under the section header, 5 Items on which Students Performed the Best, list the item number, the points possible, and the average number of points earned for the item. This roster’s students performed the best on items #1, #2, #6, #11, and #15.

In reports with item-level data, you may occasionally see “n/a” instead of a score for an item. It means that the student did not respond to the item, or the item was not included in that form of the test.

Note that the average point values for the state, district, school, and teacher’s total students display at the top of the table, so you can compare your roster’s performance to that of those larger groups.

Next, we show you a similar report with fewer than ten items on the test.

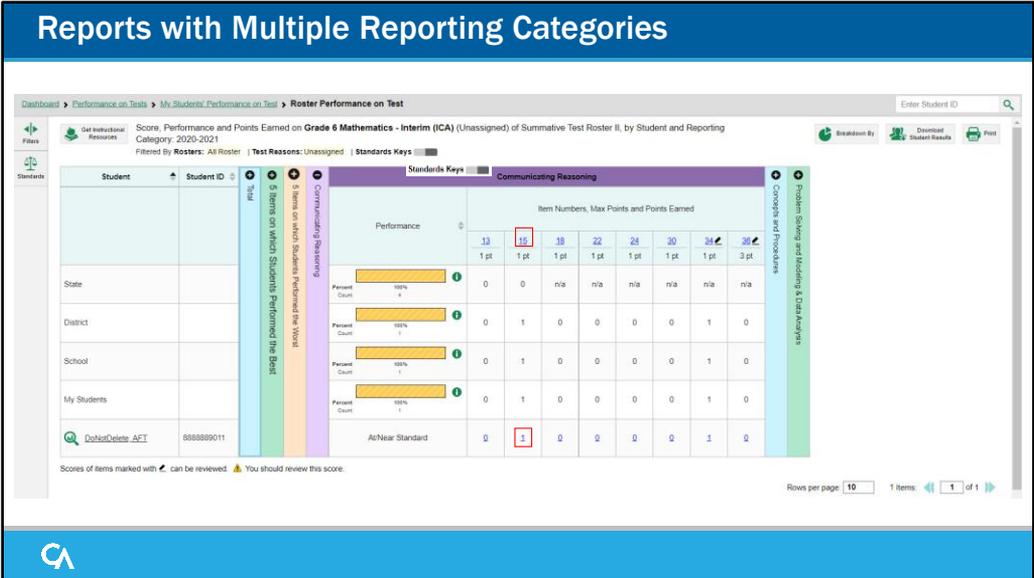
Test Report View: Single Reporting Category (<10 items)



This is a Roster Performance on Test report on the Interim ELA Grade 5 Performance Task IAB assessment. Because this test has fewer than 10 items, it does not display the 5 Best and 5 Worst sections. Instead, item-level data are shown only in the Total Items section.

Next, we show you a similar comprehensive interim test with multiple reporting categories, also known as skill areas or topics.

Reports with Multiple Reporting Categories



The screenshot displays the 'Roster Performance on Test' report for Grade 6 Mathematics - Interim (ICA). The 'Standards Keys' section is expanded to show 'Communicating Reasoning'. The table below shows performance data for a student with ID 888889011.

| Reporting Category | Item Number | Max Points | Points Earned |
|-------------------------|-------------|------------|---------------|
| Communicating Reasoning | 13 | 1 pt | 0 |
| | 15 | 1 pt | 1 |
| | 18 | 1 pt | 0 |
| | 22 | 1 pt | 0 |
| | 24 | 1 pt | 0 |
| | 30 | 1 pt | 0 |
| | 34 | 3 pt | 0 |
| All/Near Standard | | 0 | 1 |

Here is the Performance by Student tab of the My Students' Performance on Test report for the Grade 6 Mathematics ICA assessment.

The table includes multiple reporting categories. The items included in each reporting category are the ones that assess that skill area. Clicking the green arrow button on the right allows you to scroll right.

Under each reporting category you can see the item number (blue item link) and the maximum points for the item. For example, you can see that item #15 under Communicating Reasoning is worth 1 point. The student listed on this page earned 1 point for their answer to that item.

Every reporting category section in this report includes a performance column that can be sorted. Click the up or down arrow next to the column header to sort in ascending or descending order. When you sort your students this way you can quickly see who needs more support in each reporting category.

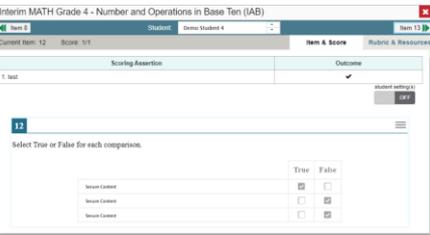
Next, we show you how to access an actual item and a student's response to it.

Viewing an Item and Student Response

5 Items on which Students Performed the Best

| 5 Items on which Students Performed the Best | | | | |
|--|-------------------|-------------------|-------------------|--------------------|
| Item Numbers and Points Earned | | | | |
| 4 | 6 | 7 | 8 | 12 |
| 1 pt | 1 pt | 1 pt | 1 pt | 1 pt |
| n/a | n/a | n/a | n/a | n/a |
| 0.33 | 0.67 | 0.33 | 0.33 | 0.33 |
| 0.33 | 0.67 | 0.33 | 0.33 | 0.33 |
| 0.33 | 0.67 | 0.33 | 0.33 | 0.33 |
| 0 | 0 | 0 | 0 | 1 |
| 0 | 1 | 1 | 0 | 0 |
| 1 | 1 | 0 | 1 | 1 |
| n/a | n/a | n/a | n/a | n/a |





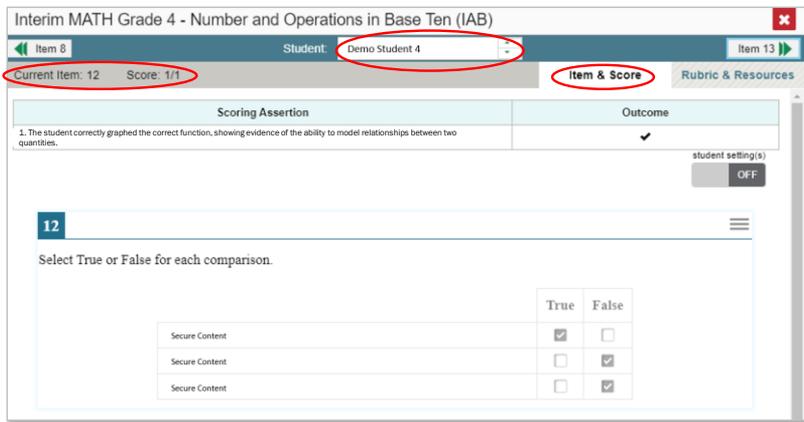
To view a test item, click the item number link in the first row of a report table. The item view window displays the test question as it appeared during the test for the student.

To view the student's actual response to an item, find that student's name in the Student column on the left. Then click the blue score link under the numbered item. In this example we look at item #12 for the next-to-last student listed.

You can see the item along with the actual answer provided by that student.

On the next slide, we explain the additional item information you can access in the reporting system.

Item & Score Tab



You can see the current item number and the score for that item at the top-left of your screen in the gray bar. The student in our example answered the item correctly for a score of 1 out of 1 point on item #12.

In the top right gray bar, you will see two tabs, Item & Score and Rubric & Resources.

The Item & Score tab (open in the upper left of your screen) shows the score a particular student obtained for that item.

To make it easier for you to access your student level item results, you can move between students and items without returning to the report by using the fields in the teal bar.

You can view different students' scores on the same item by clicking the down arrow beside the student bar. This will take you to the next student listed in the report table so you can see how the next student performed on the same item.

You can also view the next item in the test by clicking on the arrow button at the top right of the screen. You can view the previous item by clicking on the arrow button at the top left of the screen. Because we opened item #12 from the 5 Best section on the report, item #8 displays as the previous item listed under the 5 Best column.

Below the item scores, you see the Scoring Assertion. Each scoring assertion contains both a statement that provides information about what the student did in their response, and the content knowledge, skill or ability that is evidenced by their response. For example, an assertion for a mathematics graphing item might be: The student correctly graphed the correct function, showing evidence of the ability to model relationships between two quantities. To ensure we capture every meaningful piece of information about a student's knowledge, skill or ability from his or her responses, each test item (question) is typically scored with several scoring assertions.

The Outcome column shows a checkmark for a correct answer, or an X for each incorrect answer. This item has a single scoring assertion.

At the bottom of the screen, you can see the test item along with the student's response to it.

We explain the Rubric & Resources tab on the next slide.

Rubric & Resources Tab

Interim MATH Grade 4 - Number and Operations in Base Ten (IAB)

Item 8 Item 12 - Currently Showing Item 13

Current Item: 12 Item & Score **Rubric & Resources**

Details

Topic
Interim MATH Grade 4 - Number and Operations in Base Ten (IAB)

Item Difficulty
Difficult

Content Alignment

Claim: 1: Concepts and Procedures - Students can explain and apply mathematical concepts and interpret and carry out mathematical procedures with precision and fluency.

Content Category: 1:P: Priority

Target Set: 1:PITS03: Target Set 3

Assessment Target: 1:PITS03:D-4: Generalize place value understanding for multi-digit whole numbers.

Rubric

The student receives full credit for selecting:

-
- **Secure Content**
-

Frequency Distribution of Student Responses

| | Points Earned | |
|--------------------------------------|---------------|----|
| | 0 | 1 |
| # of Student Responses for My School | 12 | 14 |

On the Rubric & Resources tab you can see additional item information including the standard to which the item is aligned, the Scoring Rubric, and Frequency Distribution of Student Responses. The sections are expanded and collapsed using the circled arrows to the left.

The Rubric displays the criteria used to score the item. A simple correct answer may be listed, or this section may include a score breakdown, a human-readable rubric, or an exemplar, which provides an example of a response for each point value. The rubric is not shown here.

The Frequency Distribution of Student Responses provides a breakdown of how many students earned each possible point value available for the item. In this example, 26 students in the school responded to item #12 on this Math benchmark test. Fourteen of them answered correctly and earned one point for the item.

The Reporting System Series

1. How to Navigate the Dashboard and Access Your Summative Results
2. How to Understand Measures for Standards and Writing Dimensions
3. How to Understand a Demographic Breakdown Report and a Student Portfolio Report
4. How to Drill Down into Your Results by Selecting Specific Tests & Classes
5. How to Drill Down into Your Results by Selecting Previous School Years & Previous Students
6. How to Track Student Performance Over Time Using the Longitudinal Report
7. How to Print Individual Student Reports (ISR) and Student Data Files
8. How to Print and Export Data You Can See in Your Reports
9. How to Use the Roster Manager to Add, Modify, and Upload Rosters

Interim and Benchmark
Assessments Only

10. How to Analyze a Basic Interim Test Report
11. How to Use the Advanced Features of Reporting to View Interim Data
12. How to Hand-Score Unscored Items and Modify Machine Scores



Thank you for viewing this training module on how to analyze the basic data from your interim and benchmark tests. Additional training modules listed on this slide are posted on the DeSSA portal.

Additional Information

DeSSA Portal:

- <https://de.portal.cambiumast.com/>

DeSSA Help Desk:

- **E-mail Support:** DeSSAHelpDesk@cambiumassessment.com
- **Support Toll-Free Number:** 877.560.8331
- **Hours:** 6:30 a.m. to 6:30 p.m. ET- Mondays–Fridays (except holidays)

DDOE Contact:

- **Phone number:** (302) 857-3391
- <https://helpdesk.doe.k12.de.us/>



Thank you for taking the time to view this training module. For additional information, refer to your *CRS User Guide* located on the DeSSA portal or contact the DeSSA Help Desk.