



ASSESSMENT TECHNOLOGY, INCORPORATED

A Guide for Galileo® K-12 Online: Forecast Report

PURPOSE

This report is produced annually by ATI research staff for districts/charter schools that elect to upload individual student scores from the state standardized assessment. The report presents the correlation between student scores on each benchmark assessment and student scores on the state standardized assessment. This report also presents the accuracy with which the ATI risk levels based on performance on a series of benchmark assessments predicted student mastery on the state standardized assessment. For purposes of the *Forecast Report*, students who are classified as "On Course" or "Low Risk" are predicted to show mastery on the

state standardized assessment while students who are classified as "Moderate Risk" or "High Risk" are predicted to fail to show mastery.

GENERATE

1. Click **Reports>Test Properties>Forecast Report**.
2. Select the **School Year**.
3. From the **Forecast Report** drop-down menu, select the grade level, content area, and state standardized assessment.

Select a school year and forecast report then click the Run Report Button.

District: Elementary School District
 School Year: 2013-2014
 Forecast Report: 13-14 Reading 08
 Run Report

4. Click the *Run Report* button.

INTERPRETATION

Forecast Report

District: ATI Demo District
 Title: District 5th Math Tests and Statewide Test
 Subtitle: Three 5th Math Tests and Statewide Test

Benchmark Performance			Risk Classification		Statewide Test Performance			Percent Accurately Forecast
Test 1	Test 2	Test 3	Risk Group	Student Count	Met	Not Met	Percent Met	
Met	Met	Met	On Course	269	255	14	95	95
Met	Met	Not Met	Low Risk	26	19	7	68	68
Met	Not Met	Met		62	41	21		
Not Met	Met	Met		15	10	5		
Met	Not Met	Not Met	Moderate Risk	32	7	25	28	72
Not Met	Met	Not Met		14	1	13		
Not Met	Not Met	Met		29	13	16		
Not Met	Not Met	Not Met	High Risk	97	8	89	8	92
Correlations with Statewide Test				Total Student Count: 544	Overall Percent Accuracy:			86
0.78	0.76	0.8						

Test 1 Title: Demo 5th Math #1
 Test 2 Title: Demo 5th Math #2
 Test 3 Title: Demo 5th Math #3

a. District, Title, Subtitle - Displays the district/charter school and testing information.

b. Benchmark Performance - This section displays the possible patterns of performance on the selected series of benchmark assessments. "Met" indicates that the student "passed," or met the standard on the assessment. "Not Met" indicates that that student scored below the cut score

for demonstrating mastery. A student's pattern of performance across assessments determines the Risk Group.

- c. Risk Classification–Risk Group - The Risk Groups into which students are classified based on their pattern of performance on benchmark assessments. The number of Risk Groups displayed is associated with the number of administered district-wide.
- d. Risk Classification–Student Count - The total number of students who demonstrated each of the possible patterns of performance on the benchmark assessments.
- e. State Performance–Met - The number of students in the given Risk Group who have a passing score on the state standardized test.
- f. State Performance–Not Met - The number of students in the given Risk Group who did not have a passing score on the state standardized test.
- g. State Performance–Percent Met - The percentage of students in the given Risk Group who had a passing score on the state standardized test.
- h. Percent Accurately Forecast - The percent of students whose performance on the state standardized test was consistent with what ATI predicted based on their performance on the benchmark assessments. For the purposes of this report, ATI predicts that students who are classified as "On Course" or "Low Risk" will most likely pass the state standardized assessment, and that students who are classified as "Moderate Risk" or "High Risk" will most likely NOT pass the state standardized assessment. When using the Risk Groups to plan re-teaching and intervention efforts, it should be recognized that "Low Risk" students are at some degree of risk of not passing the state standardized assessment.
- i. Overall Percent Accuracy - ATI's accuracy of forecast of state standardized test performance for all tested students in all Risk Groups.
- j. Correlations with State Test - The Pearson correlation coefficient indicating the degree to which student scores on the benchmark assessment are consistent with their scores on the state standardized assessment. In general practice a correlation of 0.5 is considered to be "strong". A correlation of 0.65 or 0.70 is even better.
- k. Test Title - The name of each benchmark test.