

**ReadyResults.net**  
2014

## **Utility Reports**

For help, send email to:  
[help@readyresults.net](mailto:help@readyresults.net)  
or call:  
877-456-1547

# Table of Contents

Overview .....	1
Creating the Tests Taken Report .....	1
Printing the Tests Taken Report.....	2
Printing a Correlation Report.....	3
Related Documents.....	7

Copyright © 2014 NCS Pearson, Inc. ReadyResults.net powered by Certica Solutions, Inc. All rights reserved.

**Warning:** No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owner.

**Pearson, ReadyResults, Stanford, Aprenda, Otis-Lennon School Ability Test, OLSAT, SELP, and SSLP** are trademarks in the U.S. and/or other countries of Pearson Education, Inc., or its affiliate(s). Printed in the United States of America.

## Overview

Some reports are available to administrators through the Utilities Console. Your account must have permission to access the following reports.

**Tests Taken Report**—shows what tests each student has taken

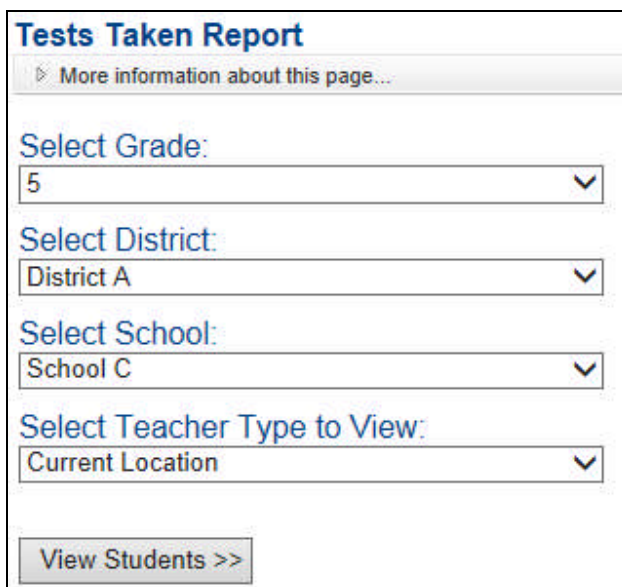
**Correlation Report**—helps you determine whether there is a linear relationship between two different scores

**Class Roster Report**—lists each student and their teacher assignment for a particular Teacher Type. Instructions for this report are included in the document, *Managing Student Records Online at the Building Level* because users other than administrators might be printing class rosters.

## Creating the Tests Taken Report

To create a report that lists all the tests one or more students have taken:

1. Choose **Utilities** from the top menu bar. The **ReadyResults Utilities Console** appears.
2. Allow the cursor to hover over the **Utility Reports** menu and choose **Tests Taken**. The Tests Taken Report page appears.
3. Use the drop-down menus to select a grade, district, school, and type of teacher associated with the students in whom you are interested. Choose **All Grades**, **All Districts**, etc., if you want to make more than one selection.



The screenshot shows the 'Tests Taken Report' configuration interface. It features a title bar with a link for 'More information about this page...'. Below the title bar are four dropdown menus for selection: 'Select Grade:' (set to 5), 'Select District:' (set to District A), 'Select School:' (set to School C), and 'Select Teacher Type to View:' (set to Current Location). At the bottom of the form is a button labeled 'View Students >>'.

- Click the **View Students** button at the bottom of the page. The students appear in a table.

**Tests Taken Report**  
 > More information about this page...

<< Back Show Tests Show Columns PDF Landscape

ID	Last Name	First Name	Grade	Current Location	School
88888888	LastNameA	FirstNameA	5	Teacher C1	School C
111111	LastNameA	FirstNameA	5	Teacher C1	School C
99999999	LastNameB	FirstNameB	5	Teacher C1	School C
222222	LastNameB	FirstNameB	5	Teacher C1	School C
333333	LastNameC	FirstNameC	5	Teacher C1	School C
77777777	LastNameC	FirstNameC	5	Teacher C1	School C
66666666	LastNameD	FirstNameD	5	Teacher C1	School C
55555555	LastNameE	FirstNameE	5	Teacher C1	School C
44444444	LastNameG	FirstNameG	5	Teacher C1	School C
33333333	LastNameH	FirstNameH	5	Teacher C1	School C

Page 1 of 2 (13 items) [1] 2

Create Filter

**Note:** To hide or show different columns, click **Show Columns** to display the “Field Chooser” window. It lists other columns that you can add to the table by clicking and dragging them to the table. You can remove columns from the table by clicking and dragging columns off the table and to the Field Chooser.

- To see the tests a specific student has taken, click the + to the left of the students’ names. The table opens to show the tests taken by that student.

**Tests Taken Report**  
 > More information about this page...

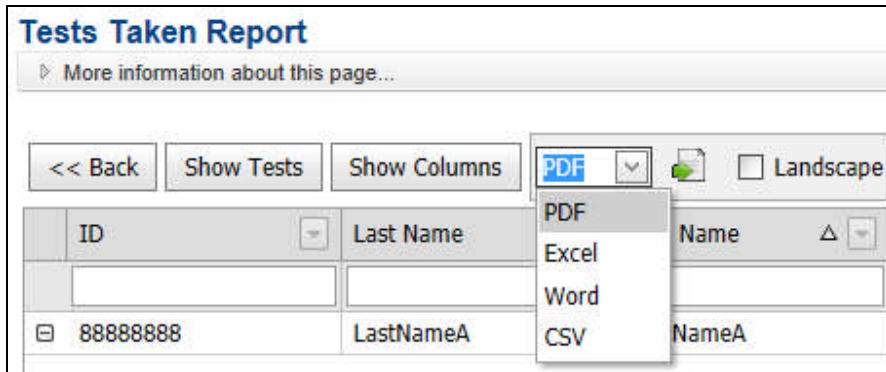
<< Back Show Tests Show Columns PDF Landscape

ID	Last Name	First Name	Grade	Current Location																				
88888888	LastNameA	FirstNameA	5	Teacher C1																				
<table border="1"> <thead> <tr> <th>Date Given</th> <th>Title</th> <th>Description</th> <th>Grade</th> </tr> </thead> <tbody> <tr> <td>5/6/2010</td> <td>Total Composite</td> <td>SELP Elementary/A - Grade 5 Spring</td> <td>5</td> </tr> <tr> <td>5/15/2010</td> <td>Grade 5 09_10 Spring</td> <td>SELP Elementary/A Scores - Grade 5 Spring</td> <td>5</td> </tr> <tr> <td>4/29/2009</td> <td>Spring 2009 with '07 Norms</td> <td>SAT 10 Int. 1/A - Spring Compl. Batt.</td> <td>4</td> </tr> <tr> <td>4/29/2010</td> <td>Spring 2010 with '07 Norms</td> <td>SAT 10 Int. 2/A - Spring Compl. Batt.</td> <td>5</td> </tr> </tbody> </table>					Date Given	Title	Description	Grade	5/6/2010	Total Composite	SELP Elementary/A - Grade 5 Spring	5	5/15/2010	Grade 5 09_10 Spring	SELP Elementary/A Scores - Grade 5 Spring	5	4/29/2009	Spring 2009 with '07 Norms	SAT 10 Int. 1/A - Spring Compl. Batt.	4	4/29/2010	Spring 2010 with '07 Norms	SAT 10 Int. 2/A - Spring Compl. Batt.	5
Date Given	Title	Description	Grade																					
5/6/2010	Total Composite	SELP Elementary/A - Grade 5 Spring	5																					
5/15/2010	Grade 5 09_10 Spring	SELP Elementary/A Scores - Grade 5 Spring	5																					
4/29/2009	Spring 2009 with '07 Norms	SAT 10 Int. 1/A - Spring Compl. Batt.	4																					
4/29/2010	Spring 2010 with '07 Norms	SAT 10 Int. 2/A - Spring Compl. Batt.	5																					
111111	LastNameA	FirstNameA	5	Teacher C1																				
99999999	LastNameB	FirstNameB	5	Teacher C1																				
222222	LastNameB	FirstNameB	5	Teacher C1																				

- To show all the tests for all the students, click **Show Tests**.

## Printing the Tests Taken Report

- To print the Tests Taken report that you see on the screen, choose **PDF** or another format (Excel, Word, or CSV) from the PDF drop-down menu at the top.



2. Click  to export the report.
3. The report opens in the supporting application, and you can print it out from there.

## Printing a Correlation Report

If you are interested in determining whether there is a linear relationship between two different scores (scores from two different tests, two scores on the same test, etc.), you may generate a Correlation Report. The Correlation Report calculates a value for the correlation coefficient, its strength, and its significance. The Correlation Report also includes a scatter plot of the scores together with the regression line. You can use this visual graph, together with the value of the correlation and its significance, to conclude what kind of linear relationship exists between the two report scores and perhaps make estimates for one score based on the other.

The Correlation Report could be particularly useful to determine whether there is a relationship between the scores on a locally developed test and the scores on a state exam.

To create a Correlation Report:

1. Click on **Utilities**.

Hover the cursor over the **Utility Reports** menu and choose **Correlation Reports**. The Correlation Report page appears.

In “Step 1—Select First Test Administration,” choose a Test Administration from the drop-down list. This test and the score you choose can be used as the x values for the linear regression.

**Correlation Report**  
 ▶ More information about this page...

*Your Current Selections:*  
 Administration #1 (x-axis):  
 Administration #2 (y-axis):

**Next**

**Step 1 - Select First Test Administration**  
 Recently added administrations may take as long as one hour before appearing in this list.

**Select Test:**

Grade	Date Given	Name
<input type="text"/>	<input type="text"/>	<input type="text"/>
4	4/29/2009	SAT 10 Int. 1/A - Spring Compl. Batt.
5	5/6/2010	SELP Elementary/A - Grade 5 Spring
5	5/15/2010	SELP Elementary/A Scores - Grade 5 Spring
5	5/15/2011	SELP Elementary/A Scores - Grade 5 Spring
5	4/29/2010	SAT 10 Int. 2/A - Spring Compl. Batt.

**Next**

Click **Next** to go to the next page.

2. In “Step 2—Select a Score from First Test Administration,” choose the subtest-score combination to use from the first Test Administration.

**Correlation Report**  
 ▶ More information about this page...

*Your Current Selections:*  
 Administration #1 (x-axis): SAT 10 Int. 1/A - Spring Compl. Batt. (4/29/2009)  
 Administration #2 (y-axis):

**Previous** **Next**

**Step 2 - Select a Score from First Test Administration**  
 The student's score will be used for correlation analysis. Only students having a value for this score will be considered.

**Select Score:**

Basic Battery-Raw Score

**Previous** **Next**

Click **Next** to go to the next step.

3. In “Step 3 - Select Second Test Administration,” choose the second Test Administration containing the second score values.

**Correlation Report**  
 > More information about this page...

*Your Current Selections:*  
 Administration #1 (x-axis): Raw Score in Basic Battery on SAT 10 Int. 1/A - Spring Compl. Batt. (4/29/2009)  
 Administration #2 (y-axis):

**Step 3 - Select Second Test Administration**  
*Only Test Administrations taken by students who took the first Test Administration are shown in this list. Recently added administrations may take as long as 15 minutes before appearing in this list.*

Select Test:

Grade	Date Given	Name
<input type="text"/>	<input type="text"/>	<input type="text"/>
4	4/29/2009	SAT 10 Int. 1/A - Spring Compl. Batt.
5	5/6/2010	SELP Elementary/A - Grade 5 Spring
5	5/15/2010	SELP Elementary/A Scores - Grade 5 Spring
5	5/15/2011	SELP Elementary/A Scores - Grade 5 Spring
5	4/29/2010	SAT 10 Int. 2/A - Spring Compl. Batt.

Click **Next** to go to the next step.

- In “Step 4—Select a Score from Second Test Administration,” choose the subtest-score combination to use from the second Test Administration. This can be similar or entirely different from the score on the first test.

**Correlation Report**  
 > More information about this page...

*Your Current Selections:*  
 Administration #1 (x-axis): Raw Score in Basic Battery on SAT 10 Int. 1/A - Spring Compl. Batt. (4/29/2009)  
 Administration #2 (y-axis): SAT 10 Int. 2/A - Spring Compl. Batt. (4/29/2010)

**Step 4 - Select a Score from Second Test Administration**  
*The student's score will be used for correlation analysis. Only students having a value for this score will be considered.*

Select Score:

Basic Battery-Raw Score

Click **Finish**. The Correlation Report appears.

## Correlation Report

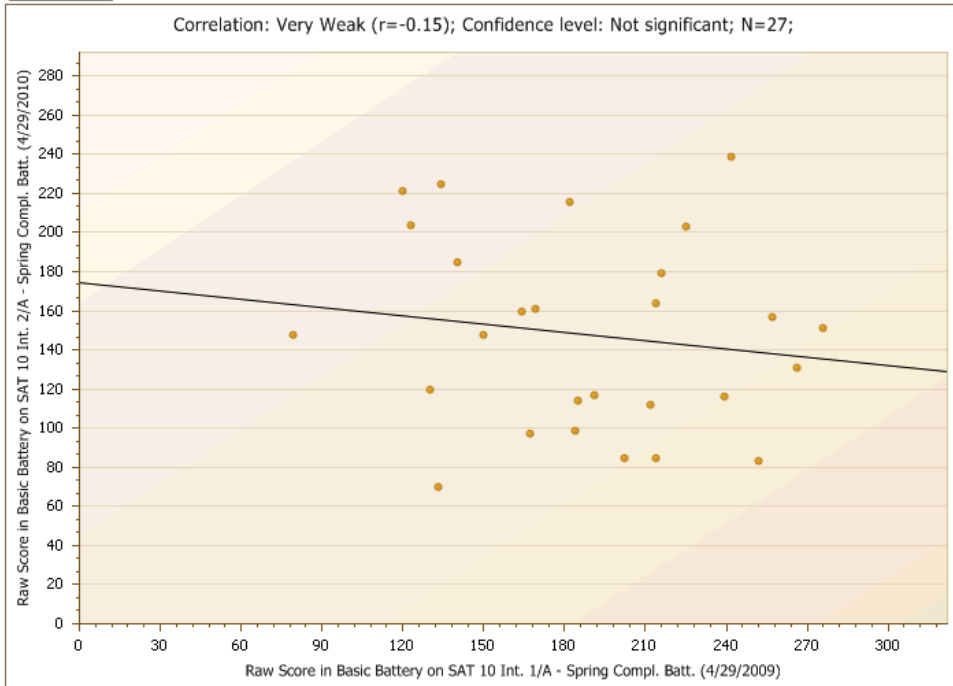
► More information about this page...

### Your Current Selections:

Administration #1 (x-axis): Raw Score in Basic Battery on SAT 10 Int. 1/A - Spring Compl. Batt. (4/29/2009)

Administration #2 (y-axis): Raw Score in Basic Battery on SAT 10 Int. 2/A - Spring Compl. Batt. (4/29/2010)

Previous



Previous

Print

Click **Print** if you want to print the report screen to your printer.



---

## Looking at the Correlation Report

### Correlation ( $r$ )

Pearson's Correlation Coefficient. This coefficient measures the strength and direction of a linear relationship between two variables (e.g. two test scores) and is always between -1 and +1: the closer to positive or negative 1, the closer to a perfect linear relationship. A positive correlation means that those students who scored high on the first test, also scored high on the second. A negative correlation means that those students who scored high on the first test, scored low on the second.

While a correlation value close to 1 indicates a very strong relationship between the two test scores, a value close to 0 means that there is little to no relationship. The following table provides positive correlation values with their corresponding degree of strength.

Correlation ( $r$ )	Strength of Relationship
0	None
$0 < r \leq .20$	Very Weak
$.20 < r \leq .40$	Weak
$.40 < r \leq .60$	Moderate
$.60 < r \leq .80$	Strong
$.80 < r \leq 1.00$	Very Strong
1	Perfect

### Confidence Level

The Confidence Level of the correlation is based on the statistical significance of the correlation (whether the correlation occurred by chance or not). To test whether a correlation is statistically significant, statisticians compute a t-value and compare this value to the critical t-value found in the t-table.

If the Confidence Level is 95% or higher, then the correlation is labeled “Significant.” Otherwise it is labeled “Not Significant.”

**$N$**  is the number of data points (or scores) used in the correlation calculation.

### The Graph

The scatter plot shows each student's data point. The score on the first test ( $x$ ) and the score on the second test ( $y$ ) are plotted as an ( $x, y$ ) point.

The regression line or the best “line of fit,” for these scores is also shown. The regression line can be used to predict the second test score based on the first.

### Related Documents

- *Viewing, Printing, and Customizing Reports*—covers basic steps for viewing, printing and customizing student score reports.

- *All About Teacher Assignments*—covers adding Teacher Types or teacher names manually.
- *All About Special Codes*—covers how to create and manually assign Special Codes to students.