

Pearson Realize

Class and Student Data

Class and Student Data



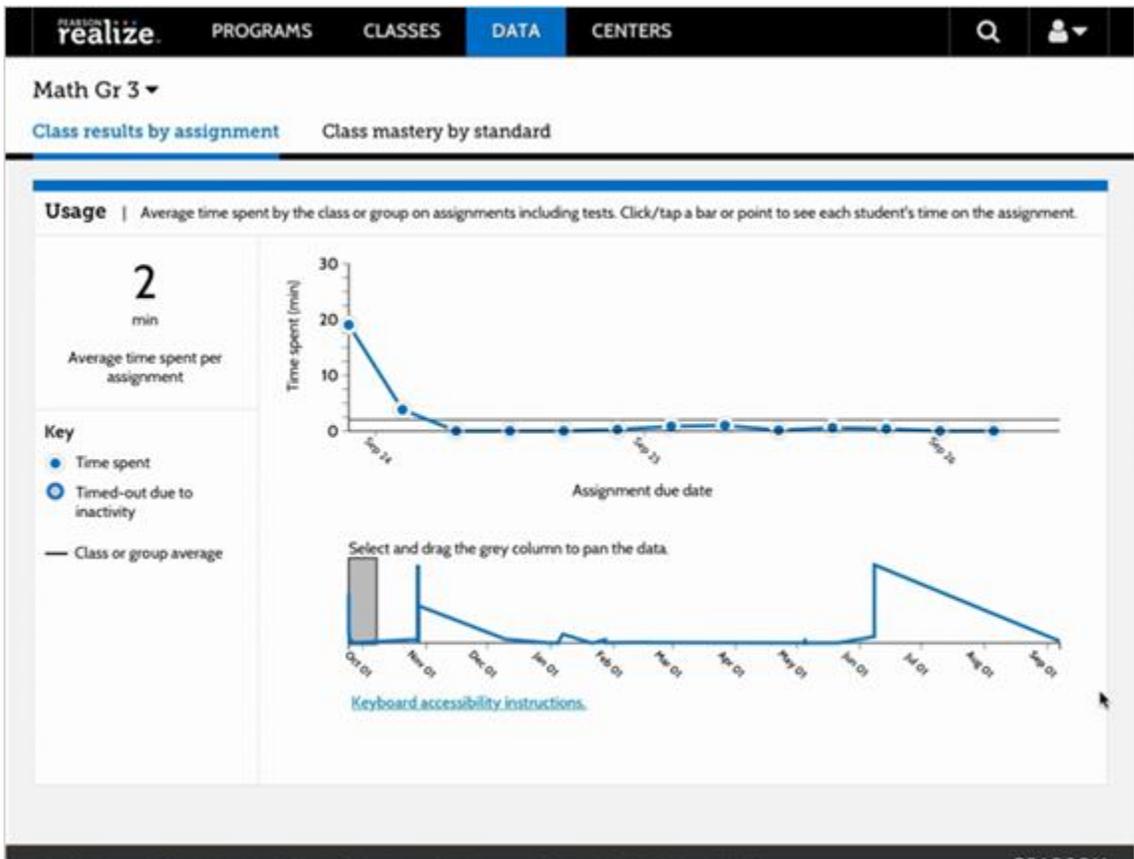
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Class and Student Data

- Standards Mastery
- Overall Progress
- Student Time on Task

In this tutorial, you will learn how to use the **DATA** tab to access class and student data that shows standards mastery on assessments, overall progress, and the amount of time students have spent on their work.

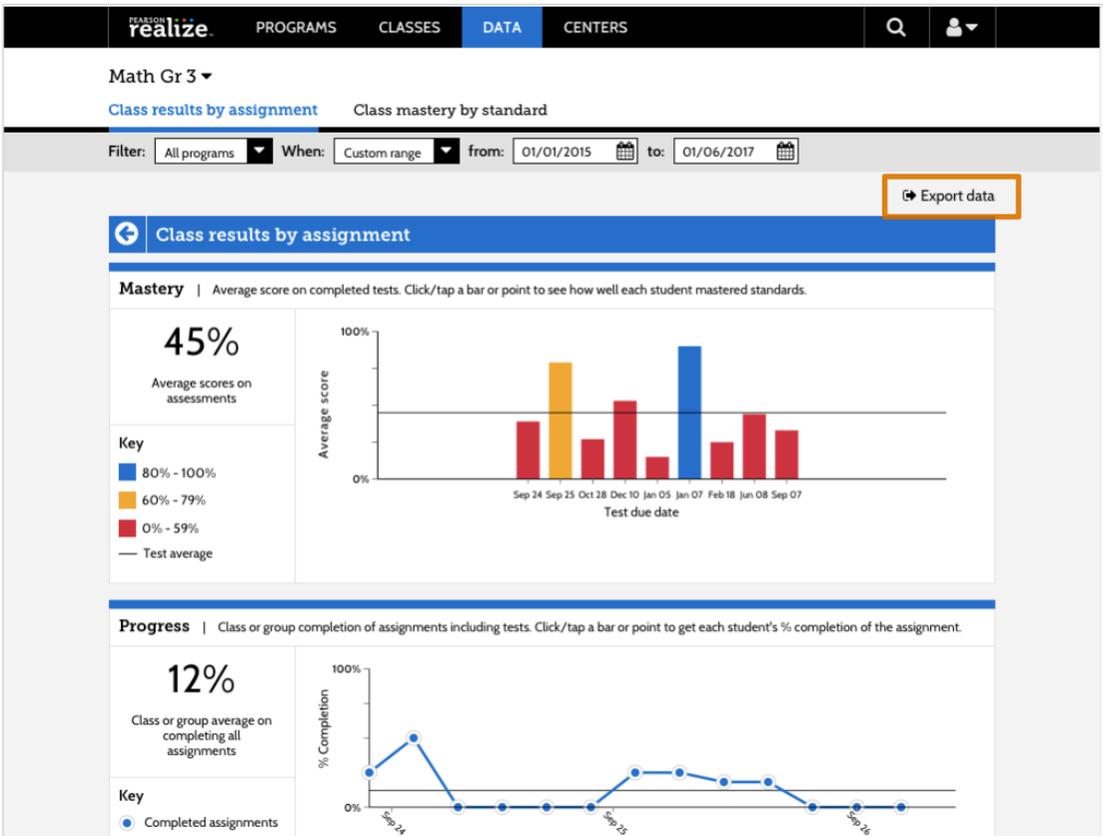
Reports



Pearson Realize offers a variety of reports for assignments. Teachers can view mastery data for assessments that are aligned to a standards library and contribute to mastery. Teachers can also view progress and usage data for all assignments.

The **Data** tab of Pearson Realize provides class and student data, including mastery, overall progress and time on task. Teachers can also view data for individual students in the class mastery by standards report, progress report, and usage report.

Class Data Overview



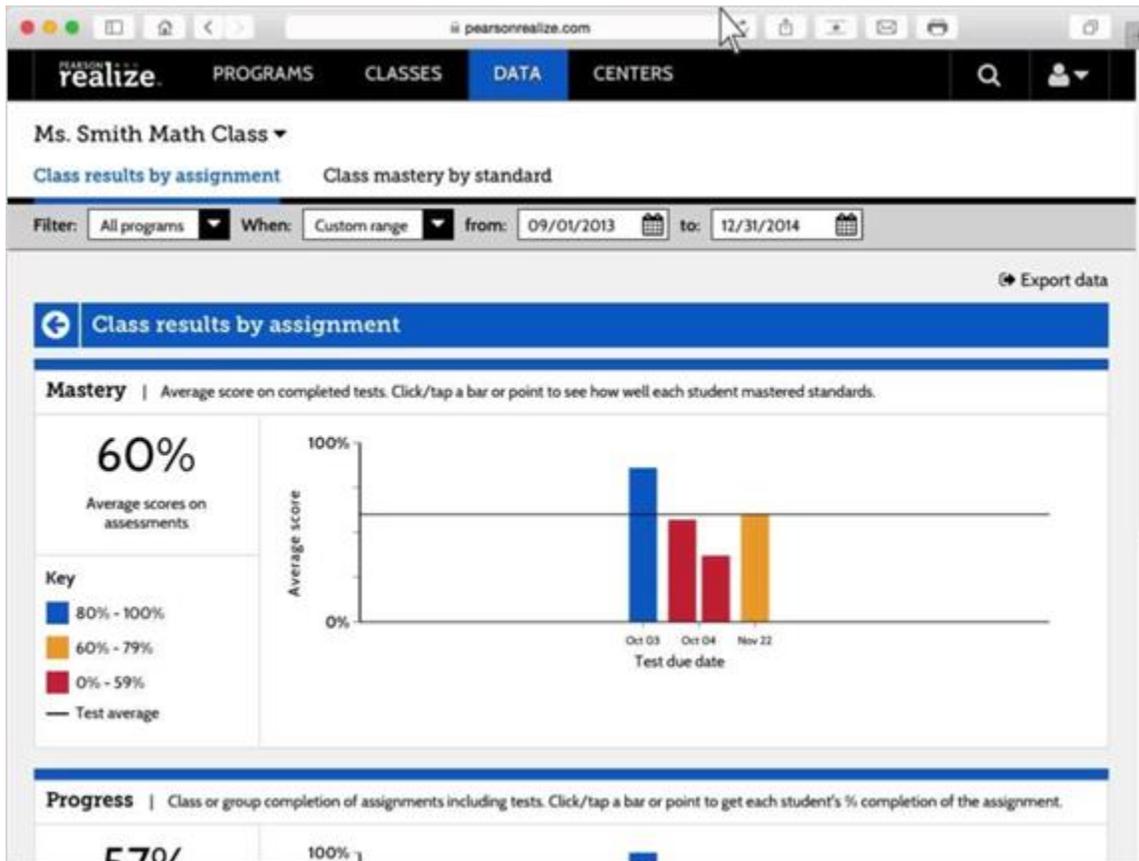
From any page in **Realize**, select **DATA** in the menu bar at the top of the page. A list of classes displays on the **Select a Class** page.

To see results of student assignments that are aligned to standards and may or may not have counted toward mastery, click **Class results by assignment** under the class name. The Data Overview page displays class mastery, performance, and usage statistics.

Use the **Filter** menu to select a date range of the tests and assignments from which you want to see assignment data.

Class mastery by standard displays student mastery of all standards assessed to date.

View Mastery Data



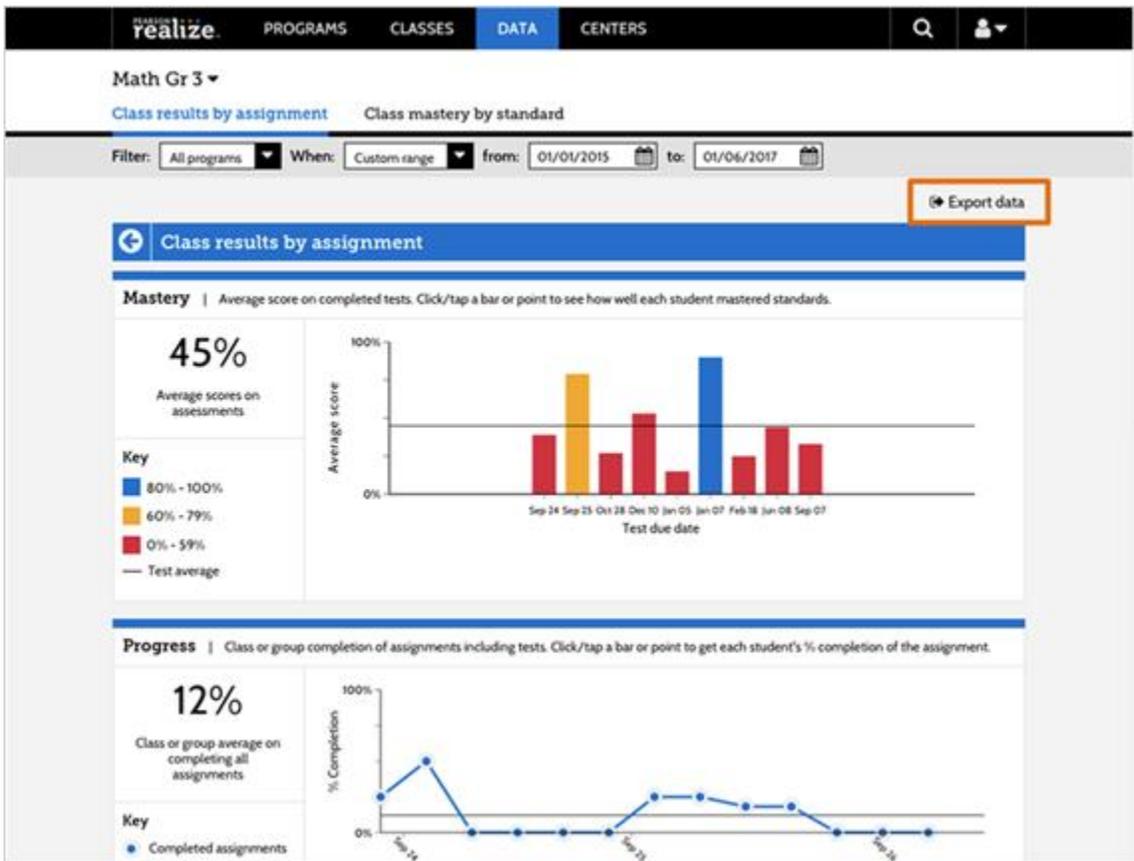
The first graph on the **Class results by assignment** page shows the average scores on all assignments. Each bar on the graph represents a different assignment.

The assignments display in a bar or a line graph in chronological order, with each data point resting on or above the date the assignment was due.

As you hover over each bar or point on the graph, the assignment name, due date and class mastery score displays below it.

Click on a bar in the graph to view mastery data for each assignment, and see detailed scores and standards data by student.

Class Results by Assignment



Teachers can export data showing progress, scores, and assessments as a CSV file to use in a gradebook, or to a spreadsheet program for data analysis.

To export student results on tests and assignments, select the **Export data** link at the top right corner of the graphs.

Class Mastery by Assignment

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Math Gr 3 ▾

[Class results by assignment](#) Class mastery by standard

3.OA.B.6
Understand division as an unknown-factor problem. For example, find $32 \div 8$ by finding the number that makes 32 when multiplied by 8.

View Resources

Average mastery for this test (% students mastered)					
--------------------------------------------------------	--	--	--	--	--

Name	Score	<u>S6</u>	S7	S8	S9	<u>S10</u>
Doyle, Kathy	-	-	-	-	-	-
Franklin, Samantha	80% (16/20)	2/2	0/2	0/1	1/1	1/1
Lewis, William	100% (20/20)	2/2	2/2	1/1	1/1	1/1
Smith, Corey	-	-	-	-	-	-

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When the **Class mastery by assignment** opens, you can view class and student mastery of the assignment material and how it aligned to standards. The columns are labeled with specific standard numbers, and each student has a ratio representing the number of questions for the specified standard that the student answered correctly over the number of questions for the specified standard on the assignment.

These scores show the results from assignments taken so far this school year, so a student's mastery status on a standard may change as new tests are submitted.

Teachers can export the **Class mastery by assignment report** by clicking the **Export data** link, located at the top of the page.

Item Analysis

Questions	Student responses
1. Which words describe the texture of an object?	
A. Round, square	0
<input checked="" type="checkbox"/> B. Soft, smooth	8
C. Light, heavy	1
D. Green, yellow	0
2. Rico sorts objects. Which two objects can be in a group of round things?	
<input checked="" type="checkbox"/> A. Soccer ball and marble	6
B. Box and block	0
C. Paper and crayon	0

On the Class results by assignment overview page, select the bar or point that represents the assignment in which you want to see the mastery of questions or standards by student, or an item analysis of student scores by question responses.

Select the **Item Analysis** tab to view student answers to the questions. Responses are color-coded to indicate which answers are correct, incorrect, or received partial credit.

Click or tap on the number listed for the student responses for a question to find out which students selected a particular answer option. A dialog box opens that displays names of all the students who selected that answer option.

Class Mastery by Standard

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Math Gr 3 ▼

Class results by assignment Class mastery by standard

View: Lewis, William ▼ Program: enVisionmath2.0 Common Core G... ▼

Standards library: Grade 3: Common Core Math S... ▼

[Help me interpret this data](#)
[Export data](#)

← Scores by standard for: William Lewis

■ Mastered
 ■ Not mastered

Standard	Points correct ▼	Last tested	Times tested	Resources
MP.5 Use appropriate tools strategically.	0/1	09/23/15	1	View resources
3.OA.A.2 Interpret whole-number quotients of whole numbers... More	3/5	09/23/15	1	View resources
3.OA.A.3 Use multiplication and division within 100 to solv... More	5/7	09/23/15	1	
3.OA.A.1 Interpret products of whole numbers, e.g., interpr... More	4/4	09/23/15	1	
3.OA.B.5 Apply properties of operations as strategies to mu... More	2/2	09/23/15	1	
3.G.A.1 Understand that shapes in different categories (e... More	-	-	-	
3.G.A.2 Partition shapes into parts with equal areas. Expr... More	-	-	-	
3.MD.A.1 Tell and write time to the nearest minute and meas... More	-	-	-	

Class **Mastery by Standard** displays data representing how your class mastered standards, and how individual students mastered standards across assessments over time.

Note this report only contains data for the assessments that are included in overall mastery for the course. To view individual student information on standards mastery, click on a student's name. This displays a list of each standard, points toward mastery for each standard, and the associated resources aligned to that standard.

By drilling down into the data, you can find descriptions of the standards and the percentage of standards mastered for all standards assessed in the course so far.

Teachers can export the **Class mastery by standard report** by clicking the **Export data** link, located at the top of the page.

View Progress Data



The second graph on the **Data Overview** page is the **Progress** data chart. It shows which students have completed their assignments and who's fallen behind.

In the **Progress** section, the assignments display in a bar or line graph in chronological order, resting on or above the date the assignment was due. The class or group average percentage for completing all assignments by all students also displays on the left of the graph.

In the **Progress** section, hover over a bar or point on the graph to see the assignment name, due date and class completion rate displayed below it.

Individual Student Progress

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Ms. Smith Math Class ▾

[Class results by assignment](#) Class mastery by standard

Previous assignment
Next assignment

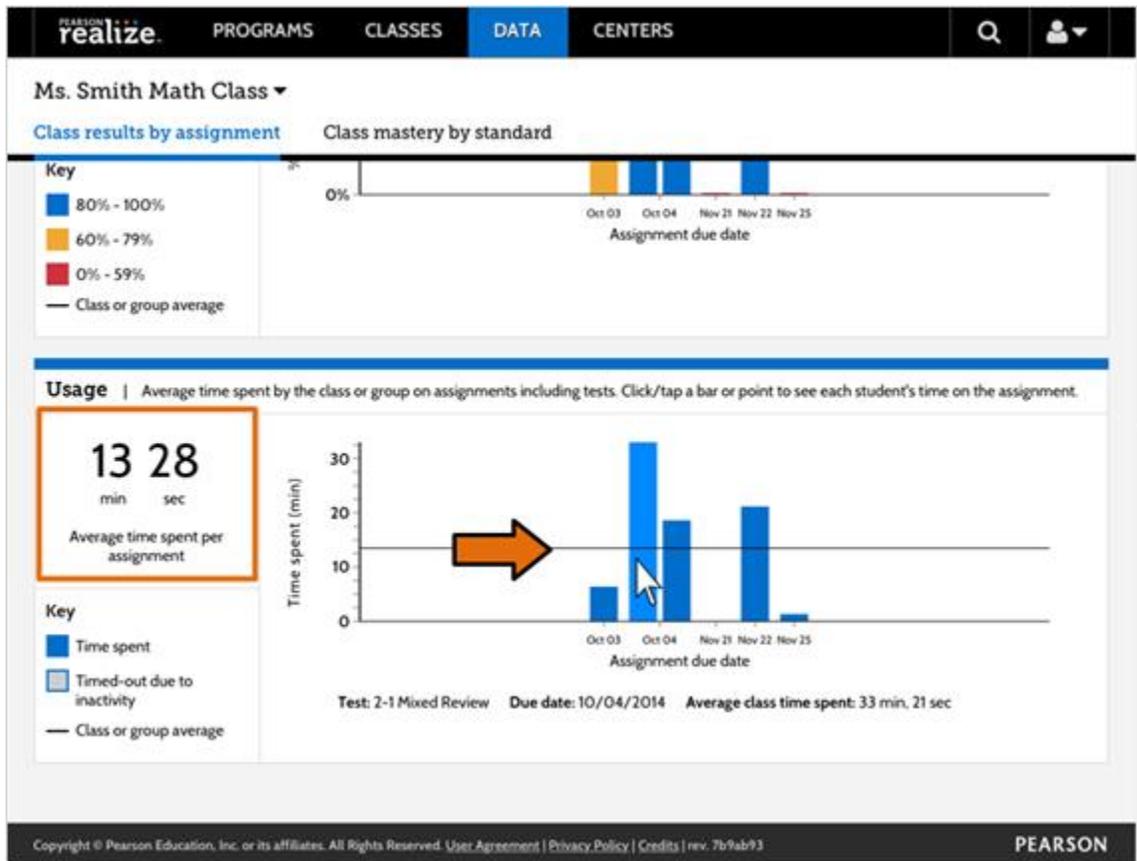
10/04/2014: Topic 3 Test

Assigned to: Ms. Smith Math Class

	Submitted	Status	Score
Adams, Amy	10/03/2014	✔ Completed	75%
Barns, Ben	! Past due	⌚ In progress	-
Canon, Carl	10/03/2014	✔ Completed	59%
Davis, Daniel	10/03/2014	✔ Completed	25%
Earlington, Erin	10/03/2014	✔ Completed	31%
Fantas, Frank	10/03/2014	✔ Completed	34%

Click or tap on a bar or point to see information by specific students. A list of students in the class opens with the date their assignment was submitted, if it was completed, and the score they received.

View Usage Data



In the **Usage** section (at the bottom of the page), the assignments display in a bar or line graph in chronological order, with each bar or point resting on or above the date the assignment was due.

Hover over each bar or point on the graph and see the test name, due date and the average time it took to complete, displayed below each bar or point. The average amount of time in hours, minutes and seconds that all the students spent on all the assignments and assessments also displays to the left of the graph.

Individual Student Usage

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Ms. Smith Math Class ▾

[Class results by assignment](#) Class mastery by standard

Previous assignment
Next assignment

⏪
10/04/2014: 2-1 Mixed Review

Assigned to: Ms. Smith Math Class

	Other activity	Time spent
Adams, Amy		4 hr, 18 min, 50 sec
Barns, Ben		7 min, 41 sec
Canon, Carl		12 min, 7 sec
Davis, Daniel		26 min, 21 sec
Earlington, Erin		11 min, 6 sec
Fantabulous, Frank		3 min, 4 sec

Click or tap the bar or point that represents the activity for which you want to know how long each student took to complete. A **Time-spent** page, with the students in your class listed and the time each student spent in hours, minutes and seconds on the specific assignment displays.

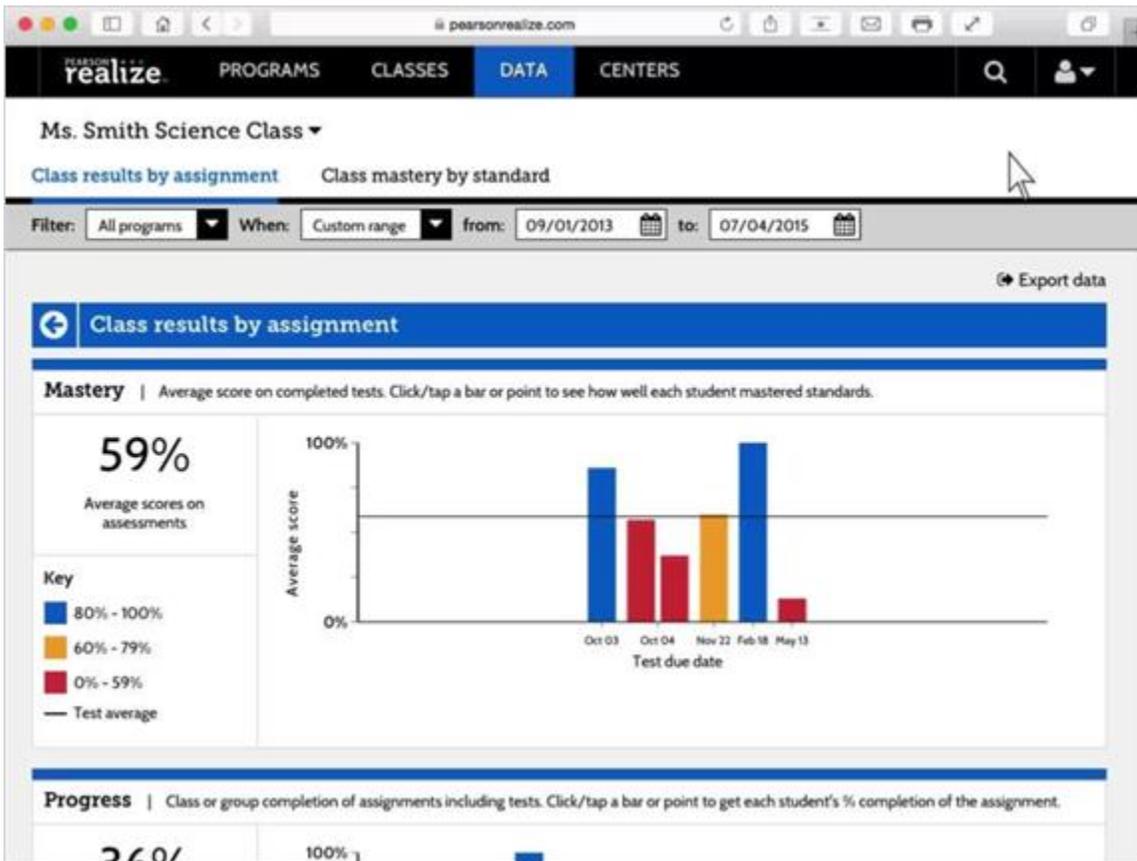
Export Data

The screenshot shows the Pearson Realize interface for 'Ms. Smith Math Class'. The 'Class mastery by standard' report is displayed, showing a 60% mastery rate. A large download icon is overlaid on the report. Below the report, a Microsoft Excel spreadsheet is open, displaying the exported CSV data. The spreadsheet includes a header section with class information and a data table with columns for student names and mastery percentages for various standards.

Student Name	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14
paperman, j	0	N/A	N/A	0 of 2	2 of 4	N/A	0 of 2	N/A						
Mastery for this class (% s/ N/A)	N/A	N/A	0	0	N/A	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Teachers can export classroom data as a CSV file to use in gradebooks or other applications. You can use a spreadsheet program to open the file and view the progress, scores, and assessments that counted toward mastery for your students.

Export Process



To export data for student results on tests and assignments, select the **Export data** link.

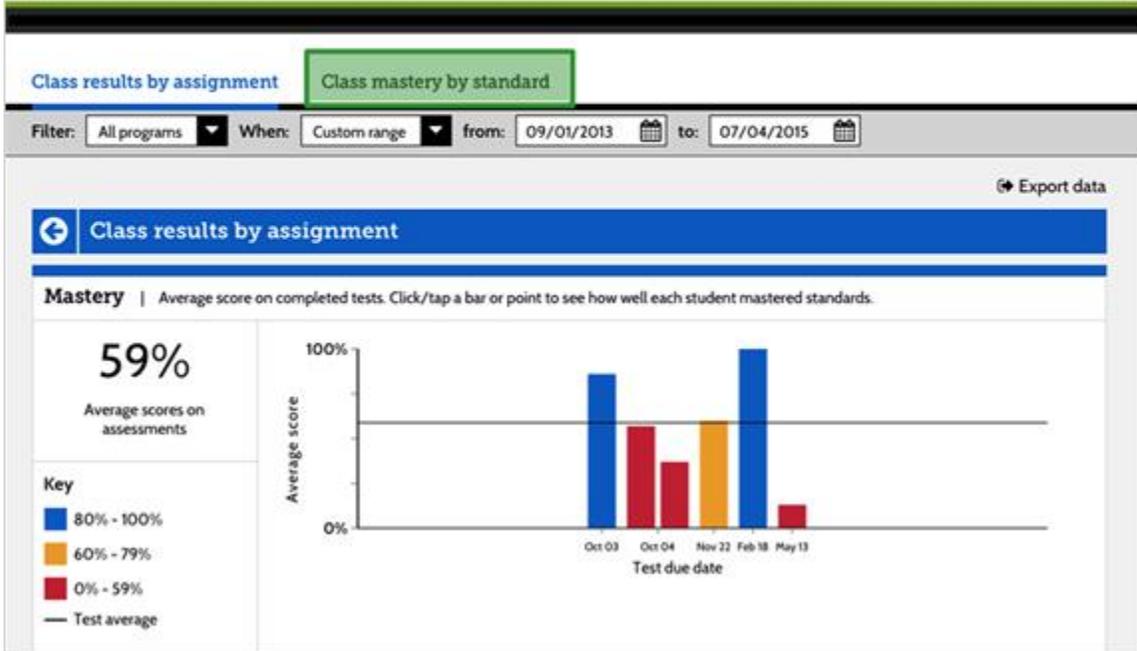
An **Export data** box will appear.

Select **Export** to export the file. A score report will download as a CSV file, which can be used with Excel or another spreadsheet program.

Try it!

Now you try it! Export the Class Mastery by Standard Report.

1. Navigate to the **Class Mastery by Standard** page
2. Select the **Export data** link
3. Select **Export** in the dialog box to export the file
4. Open the downloaded file



Now it's your turn!

Start by selecting **CLASSES** from the menu bar at the top of the page or from the Create Classes circle on the Home screen. Then, click the appropriate area on the screen to complete each step.

Export the Class Mastery by Standard Report.

1. Navigate to the **Class Mastery by Standard** page.
2. Select the **Export data** link
3. Select **Export** in the dialog box to export the file
4. Open the downloaded file.

Key Points



Class and Student Data

Key Points:

- Standards Mastery
- Overall Progress
- Export Data

In this tutorial, you learned how to use the DATA tab to access class and student data that shows standards mastery, overall progress, and how to export data to use for analysis.

Learn More



The image shows a laptop displaying the 'my Pearson Training' website. The website has a green header with the Pearson logo and navigation links. The main content area features a 'Register Today' banner with a woman's photo and a grid of product tiles including Vision, Ready2Go, GRAPOINT, Interactive Science, Perspectives, SuccessMaker, and UNITE. Below the banner is a 'Welcome to your Pearson training site!' message and a search bar.

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Register Today
To Save Your Favorites

Welcome to your Pearson training site!
This is your one-stop training site with thousands of Pearson resources including tutorials, webinars, and complete product libraries of user guides, training materials, implementation ideas, and more. If you're already registered, just [sign in](#) to get started or [register now](#).

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