


Viewing Grade Center Statistics

Overview

Instructors have the ability to view various statistical information related to a column and any Student. The Column Statistics page displays numerous statistics for a Grade Item, including average, median, standard deviation, and so on. The Student Statistics page displays a Student's statistics in the Categories.

 <p>Note</p>	<p>Note: The Statistics pages are read-only, and grades or other information cannot be modified from this area.</p>
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Viewing Statistics by Student

The Student Statistics page displays a Student's statistics in the various Categories.

To view the statistics of a Student, follow these steps:

1. In the Grade Center move the cursor over the First Name, Last Name, or Username of the desired student and click the Action link to view the contextual menu.
2. Click **Student Statistics**.

Emailing a Student in the Student Statistics Page

To send an email to the Student, click on the email address of the Student.

Student Statistics

The following Student information is displayed:

- **Student** – First name, Last name, and Username
- **Student ID** – The Student ID number
- **Contact** – Contact information including address, home and work phone numbers, and email address. This information is generated from the student's User Properties.
- **Items Completed** – The percentage and total number of Items completed in the Course as of the present time and date.

The following Student Statistics are displayed in a table on the Student Statistics page:

Column	Description
Category	All the possible Categories in the Grade Center, both created and default.
Average	The percentage value average of a particular Category.
Graded	The number of graded Items of a particular Category.

In Progress	The number of graded Items that are in progress, or incomplete.
Needs Grading	The number of graded Items that have not been graded.
Exempt	The number of Items that are exempt from grading.

Check the box to show statistics for the current view of the Grade Center, and then click **Refresh**. By default, this will display the full view of the grade Center, but if a particular view is selected, then those statistics will display. For more information on Smart Views, see [Creating Smart Views in the Grade Center](#).

Changing the Student Statistics Page

To view another student's data while on the Student Statistics page, select the desired Student Name from the drop-down list, and click **Go**. Left and right arrow buttons advance alphabetically to the previous or following student.

Viewing Statistics by Column

The Column Statistics page displays numerous statistics for a Grade Item, including average, median, standard deviation, and so on.

To view the statistics of a column, follow these steps:

1. In the Grade Center, in the Action Bar, move the cursor over the desired column and click the Action Link to view the contextual menu.
2. Click **Column Statistics**.

Including Unavailable Students in the Column Statistics Page

On the Column Statistics page, to view unavailable students in statistics, follow these steps:

1. Check the box **Include unavailable students in statistics**.
2. Click **Refresh**.

Column Statistics

The following table defines all of the areas of the Column Statistics page:

Name	Description
Column	The column in the Grade Center currently being viewed.
Points Possible	The points possible for this column.
Description	The description of the column entered when the column was defined.
Statistics	
Count	Number of graded items in the calculations.
Minimum Value	The lowest value of all graded columns in the Grade Center.

Maximum Value	The highest value of all graded columns in the Grade Center.
Range	The numeric range between the highest grade and the lowest grade for an item.
Average	The statistical average of the Item.
Median	The midpoint score of the Items.
Standard Deviation	The difference between the values of the item and the average of the item.
Variance	A statistical measure of the spread or variation of the Items.
Status Distribution	
Null	The number of null Student Grade Columns or Calculated Columns.
In Progress	The number of Student gradable items in progress.
Needs Grading	The number of Student gradable items that need grading.
Grade Distribution	A table that displays the statistics for the Grading Schema ranges of the gradable items.

Changing Columns from the Column Statistics Page

From the Column Statistics page, the current column displaying statistics can be changed to any other Column in the Grade Center. To view another column, select the desired column from the drop-down list, and click **Go**. Left and right arrow buttons advance to the previous or following column.