



Viewing Quiz Statistics – D2L Tutorial

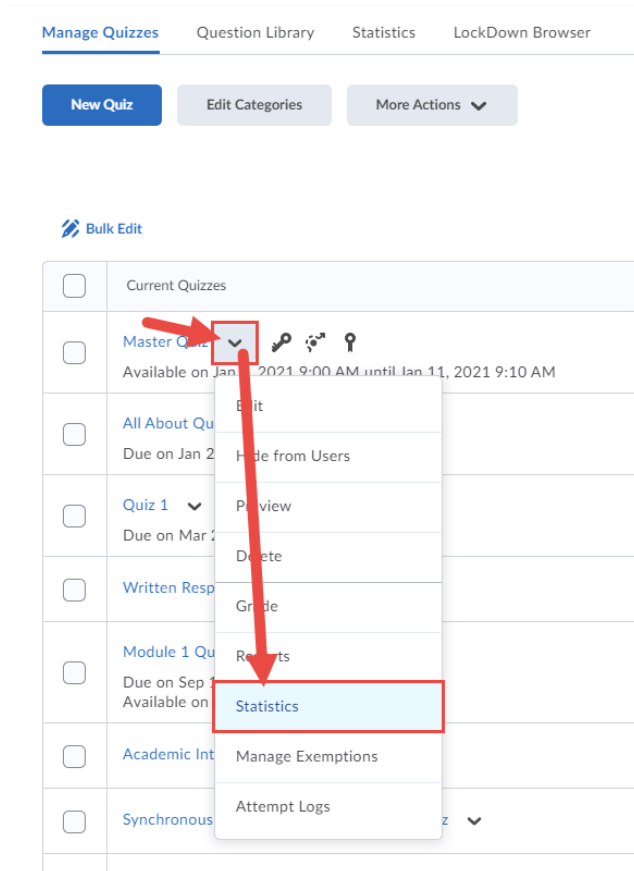
This tutorial is for faculty who have previous experience using the Quizzes tool in D2L. For further information or assistance, go to our [Team Dynamix Support portal](#) and click the appropriate Category to submit a ticket.

Scenario

This tutorial will discuss how to view and use the Statistics for a Quiz. Use **Statistics** to view **User Stats** (student average grades), **Question Stats** (individual question's average grades), or **Question Details** (details of how each question was answered).

Preamble

1. Go to the **Quizzes** tool in your course.
2. Click the down arrow next to a Quiz title and select **Statistics**



- Under the **User Stats** tab, you will find the Quiz's **Score Distribution**, **Class Average**, and **Average Grade** for each student.

Manage Quizzes > View Statistics

View Statistics - Master Quiz

Include exempted users in stats

User Stats Question Stats Question Details

User Statistics

Export to CSV Export to Excel

Score Distribution:

Percentage of Users

Average Grade

Class Average: 13.33 % (Std Dev = n/a)

The Class Average is calculated based on the Overall Grade Calculation setting.

Search For...

Last Name ▲, First Name	Average Grade
Student, Training01 (Exempt)	20 %
Student, Training02	20 %
Student, Training04	0 %

20 per page



- Under the **Question Stats** tab, you will find the Quiz's **Score Distribution**, **Class Average**, and **Average Grade** for each question, along with Standard Deviation, Discrimination Index and Point Biserial if relevant.

Manage Quizzes > View Statistics

View Statistics - Master Quiz

Include exempted users in stats

User Stats **Question Stats** Question Details

Question Statistics

[Export to CSV](#) [Export to Excel](#)

Score Distribution:

Percentage of Questions

Average Grade

Class Average: 13.33 % (Std Dev = n/a)

The Class Average is calculated on first attempts flagged as graded.

[What do the statistics on this page mean?](#)

Question	Average Grade	Standard Deviation	Discrimination Index	Point Biserial
Video/Audio/Text with questions				
Question 1	<div style="width: 100%; height: 10px; background-color: blue;"></div> 100 %	n/a	n/a	n/a
Second Section				
Question 2	<div style="width: 100%; height: 10px; background-color: blue;"></div> 100 %	n/a	n/a	n/a
Question 3	<div style="width: 0%; height: 10px; background-color: gray;"></div> 0%	n/a	n/a	n/a



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- Under the **Question Details** tab, you will find date filter options for the statistics, as well as a listing of each question with **Average Grade**, **Standard Deviation**, etc. According to D2L: "All statistics are calculated based on each user's first attempt on the quiz. *Note that only first attempts with scores between 0% and 100% on a question are included in that question's statistics."

Manage Quizzes > View Statistics

View Statistics - Master Quiz

Include exempted users in stats

User Stats Question Stats **Question Details**

Question Details Export to CSV Export to Excel

Has Start Date

Has End Date

(Number of First Attempts: 3) [What do the statistics on this page mean?](#)

Video/Audio/Text with questions

Watch this video and answer the questions:

Question 1 Difficulty: 1

This is an amazing video

	Average Grade: 1 / 1 (100 %)		
→ True	<div style="width: 100%; height: 10px; background-color: #0070C0; border: 1px solid #0070C0;"></div>	1 (100 %)	Standard Deviation: n/a
False	<div style="width: 0%; height: 10px; background-color: #ccc; border: 1px solid #ccc;"></div>	0 (0 %)	Point Biserial: n/a
			Discrimination Index: n/a
Average Grade: 1 / 1 (100 %)			

Second Section

Now answer the next series of questions.

Question 2 Difficulty: 1

Creating questions in the Question Library will enable you to reuse your questions on various Quizzes or exams.

	Average Grade: 1 / 1 (100 %)		
→ True	<div style="width: 100%; height: 10px; background-color: #0070C0; border: 1px solid #0070C0;"></div>	1 (100 %)	Standard Deviation: n/a
False	<div style="width: 0%; height: 10px; background-color: #ccc; border: 1px solid #ccc;"></div>	0 (0 %)	Point Biserial: n/a
			Discrimination Index: n/a



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6. Under each tab you will be able to download the statistics to your device using either the **Export to CSV** or the **Export to Excel** button.

Manage Quizzes > View Statistics

View Statistics - Master Quiz

Include exempted users in stats

User Stats Question Stats Question Details

User Statistics

Score Distribution:

Percentage of Users

Average Grade	Percentage of Users
0%	35%
25%	70%

Average Grade

Class Average: 13.33 % (Std Dev = n/a)

The Class Average is calculated based on the Overall Grade Calculation setting.

Things to Remember

Note that if a question is changed after attempts on a Quiz have been made, only the attempts on the **newest** version of the question are included in the statistics for Question Stats and Question Details (ie. First attempts made before a question was changed are not included in the statistics for that question).

It is also worth noting here that changes made to a Quiz question **do not alter** that question for attempts made before the changes – only for future attempts.



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