



Viewing Quiz Statistics – D2L Tutorial

This tutorial is for faculty who have previous experience using the Quizzes tool in D2L. For further information, please contact elearning@camosun.ca for assistance.

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**

The screenshot shows the 'Manage Quizzes' interface in D2L. At the top, there are tabs for 'Manage Quizzes', 'Question Library', 'Statistics', and 'LockDown Browser'. Below the tabs are buttons for 'New Quiz', 'Edit Categories', and 'More Actions'. A 'Bulk Edit' link is also visible. The main area contains a table of quizzes. The 'Master Quiz' row is highlighted, and its dropdown menu is open, showing options: 'Edit', 'Hide from Users', 'Preview', 'Delete', 'Grade', 'Reports', 'Statistics', 'Manage Exemptions', and 'Attempt Logs'. A red arrow points to the 'Statistics' option, which is also highlighted with a red box.

Current Quizzes	Question Library	Statistics	LockDown Browser
<input type="checkbox"/>	Master Quiz	▼	🔑 🗑️ 🔑
	Available on Jan 1, 2021 9:00 AM until Jan 11, 2021 9:10 AM		
<input type="checkbox"/>	All About Qu	▼	
	Due on Jan 2	Hide from Users	
<input type="checkbox"/>	Quiz 1	▼	
	Due on Mar 2	Preview	
<input type="checkbox"/>	Written Resp	▼	
		Delete	
<input type="checkbox"/>	Module 1 Qu	▼	
	Due on Sep 1	Grade	
	Available on	Reports	
<input type="checkbox"/>	Academic Int	▼	
		Statistics	
<input type="checkbox"/>	Synchronous	▼	
		Manage Exemptions	
		Attempt Logs	



- 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... Show Search Options

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	 100 %	n/a	n/a	n/a
Second Section				
Question 2	 100 %	n/a	n/a	n/a
Question 3	 0%	n/a	n/a	n/a



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5. 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

Has Start Date
1/1/2021 Now

Has End Date
1/8/2021 Now **Apply**

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

Export to CSV **Export to Excel**

Video/Audio/Text with questions

Watch this video and answer the questions:

Question 1 Difficulty: 1

This is an amazing video

<input checked="" type="radio"/> True	<div style="width: 100%;"></div>	1	(100 %)	Average Grade: 1 / 1 (100 %)
<input type="radio"/> False	<div style="width: 0%;"></div>	0	(0 %)	Standard Deviation: n/a
				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.

<input checked="" type="radio"/> True	<div style="width: 100%;"></div>	1	(100 %)	Average Grade: 1 / 1 (100 %)
<input type="radio"/> False	<div style="width: 0%;"></div>	0	(0 %)	Standard Deviation: n/a
				Point Biserial: n/a
				Discrimination Index: n/a

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- 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

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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