Quick Guide: Advanced Quiz Statistics Option

A new advanced quiz option enables instructors to view and analyze statistics on quizzes and quiz questions. This feature improves loading speeds within quizzes.

Getting Started

The Advanced Statistics option is a feature that is available now but needs to be turned on by the instructor within a course via the Settings link on the course menu. Click the Feature Options tab. On this tab many features are listed that can be enabled in the course. Next to the “New Quiz Statistics Page” option, click the “On” button (see below). This is a toggle switch that can be turned on and off easily.

View Quiz Statistics

Statistics are generated after a quiz has been taken by at least one student. To view Quiz Statistics, go to the Quizzes link on the navigation menu and click on the title of a quiz. Once the title is selected, a menu to the right will be visible. Click on the “Quiz Statistics” link.
Quiz Summary Results

Summaries for quizzes and questions are displayed on this page. Included in the quiz summary are the quiz average score, high score, low score, standard deviation (how far the values are spread across the entire score range), and average time of quiz completion. Student data and item analysis spreadsheets are available for download in this view.

Quiz summaries display the quiz percentages on a graph, as shown. Drag your cursor to isolate data. Information about the selected data will display below the graph.

Question Breakdown

A summary of data for each question will display. A gear to the right will expand and collapse the data with a mouse click.

Three types of graphs display. The first, a circle graph, shows the percentage of times the correct answer was selected. A bar graph shows the number of times each answer choice was selected. By hovering over a bar, the percentage and number of students.
selecting that answer are displayed. The **discrimination index graph** is shown only for multiple choice and true/false questions.

If expanded, each answer choice is listed along with the percentage of times selected. Essay questions are shown but no data is given; however, a link to Speedgrader is embedded in the statistics page.

![Graph showing discrimination index with answers listed and correct answer in solid green.](image)