

University of Guelph

How to get basic statistics about your survey response data in LimeSurvey

LimeSurvey Drill Down Document

Note: The author of this guide is the University of Guelph's Computing and Communication Services and was downloaded from this website: <u>https://www.uoguelph.ca/ccs/software/supported-products/limesurvey</u>

Although this is an annotated version created to be compatible with our LimeSurvey Website, the authorship and credit for this entire document is to be considered unchanged.

Identifying annotations: 1) insertions are in red font, 2) deletions are marked like this, and other comments are in red-framed text boxes.

Travis Seymour, April 2013

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LimeSurvey provides tools to export your survey responses to Microsoft Excel, SPSS, etc. for detailed analysis and reporting. However LimeSurvey also contains some simple tools you can use to obtain basic frequency tabulations for your responses. These tools are explained in this Drill Down document.

HOW TO GET INFORMATION ON ALL YOUR QUESTIONS FOR ALL RESPONDENTS

Step 1:

On the *Administration* toolbar, select your survey from the list that is displayed when you click the drop-down arrow pointed to by the red arrow in Figure 1 below.



Step 2:

On the resulting *Survey* toolbar, move your mouse over the *Responses* icon (pointed to by red arrow 1 in Figure 2 below) and click the *Responses & statistics* choice from the resulting submenu as pointed to by red arrow 2 in Figure 2. below.

FIGURE 2:	
Administration Logged in as: ccsdemo	4
	Responses eys: LimeSurvey Demonstration Surv - P &
Survey LimeSurvey Demonstration Survey (ID:92792	
▶ 🗳 🖉 - 🗞 - 😤 -	
	Responses & statistics
Title: LimeSurvey Demonstra	Data entry screen
Survey URL (English): https://dev2.surveys.ccs Description:	Partial (saved) responses #id=92792&Jang=en
Welcome: Welcome to our Survey ! T	This is just a short survey to illustrate a few of LimeSurvey's features.
Administrator: CCS Demonstration Accourt	nt (petermc@uoguelph.ca)
Start date/time: -	
Expirv date/time: -	

Step 3:

(Note that the cascading toolbars will be replaced with just the *Browse responses* toolbar).

On the *Browse responses* toolbar, click the *Get statistics from these responses* icon as pointed to by red arrow 2 shown below in Figure 3. Note the response count information shown for your survey, as pointed to by red arrow 1 in Figure 3.



Step 4:

Complete the resulting form to be similar to that shown by red arrows 1, 2 and 3 in Figure 4 below, then click the *View stats* button pointed to by red arrow 4. Response counts for all of your questions with discrete choices will then be displayed as graphs and tables. (see Figure 4b for an illustration).

FIGURE 4:	123
Quick statistics: (LimeSurvey Demonstration Survey)	
General filters	
Data selection	E .
Include: All responses	
View summary of all available 🖉	
fields Subtotals based on displayed	
questions	
Statistics report language English - English -	
Response ID Greater than: Less than:	
Output options Show graphs 2 Select output format: HTML PDF Excel	
Response filters	
	INTERNET OF CONTRACTOR OF CONTRACTOR STOC

Note that for open ended questions (e.g. LimeSurvey question type "text") you can click the *Browse* button beside the question's statistics to view the actual text responses in a pop up window. See the red arrow in Figure 4(b) below for the location of the Browse button.

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Step 5:

Click the *Return to survey administration* icon, as pointed to by the red arrow in Figure 5 below, to return to previous cascading display of toolbars where you can log out of LimeSurvey or perform other tasks.

FIGURE 5:		
Quick statistics: (LimeSurvey Demonstratio	on Survey)	
	666	
	General filters	
Data selection		
	Include: All responses	

HOW TO GET INFORMATION ON ONLY SELECTED QUESTIONS

The steps above will provide you with basic frequency counts and statistics on all the questions in your survey, for all respondents. If you want information on only specific variables complete the form that appears beneath the *Quick statistics* toolbar to be like the form illustrated below in Figure 5

	LimeSurvey	
k statistics: A	First Survey	
	Data selection	
	Include: All responses View summary of all available fields Subtotals based on displayed questions Statistics report language	
	Response ID	
	Less than:	
	Output options Show graphs 2 Select output format: PDF Excel	
	Porpore filter	90
(4 ▼ "How are you feeling today ?" I am fieling great ! I'm kind of so so :> I'm kind of so	
	Questions about your Shopping Habits to eastion group 2002)	
	Considering all your expenditures on food in a typ" What storedo you shop at most freqently for groce"	

Referring to Figure 5 above:

- a) As pointed to by red arrow 1: ensure the selection *View summary of all available fields* is unchecked.
- b) As pointed to by red arrow 2: ensure the selection Show graphs is checked.
- c) As pointed to by red arrow 3: ensure the selection *Select output format HTML* is checked.
- d) As circled by red circles 4 and 5: check the box beside the questions for which you wish to see the frequency counts / statistics.
- e) As pointed to by red arrow 6: click the form's *View stats* button to generate the report.

HOW TO GET INFORMATION ON ONLY SELECTED RESPONSES

Often you wish to obtain frequency counts / statistics on questions, but only for those respondents who replied with a specific answer to a question (e.g. only for respondents who indicated they were *Female* in response to a Gender question).

To perform this filtering, complete the form that appears under the *Quick statistics* toolbar as shown in Figure 5, and add the addition pointed to by red arrow 1 in Figure 6 below.

As shown in Figure 6, you leave the filtering variable unchecked, but click on the choice that defines the group you wish included in the response counts.

Figure 6: Quick statistics: A Fir	st Survey	
) <u> </u>	
	General filters	
	Data selection	
	Include: All responses	
	View summary of all available	
	Subtotals based on displayed	
	questions Statistics report language English - English -	
	Response ID	
	Greater than:	
	Less than:	
		E
	Output options	
	Chow graphs	
	Show graphs	
	Select output format: HTML PDF Excel	
	View stats Clear	
	Descent files	
	Response inters	
	This is my group (Question group 1025)	
	🗹 "How are you feeling today ?" 🔲 "What was your income last year ?" 📃 ""	
	I am feeling great !	
	I'm kind of so so :> _ Number less than: New answer option _	
	Questions shout your Shanning Habits (Question group 2002)	
	"Considering all your expenditures on food in a type" "What store do you shop at most freqently for groce"	
	Between \$100 and \$300 Metro	
	More than \$300	
	View stats Clear	