GCRO 2011 QoL Survey Viewer

User Manual

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Data Usage

The data should be used for statistical and scientific research purposes only. Any books, articles, conference papers, theses, dissertations, reports, or other publications that employ data obtained from the GCRO QoL viewer must cite the source of data in accordance with the citation statement: Gauteng City-Region Observatory (2011). GCRO 2011 Quality of Life Survey viewer.

GCRO and its partners bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Please note that not all the variables are available in the QOL viewer, e.g. the multi mention questions (Q1.18, Q4.5, Q6.22 and Q6.23) are not included in the QoL viewer. The full dataset (in SPSS format) is available on request from the GCRO for research/non-financial gain purposes (info@gcro.ac.za).

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# 1. Getting Started

1.1. Introduction

This document is intended to assist with the usage of the GCRO Quality of Life survey viewer and more specifically, explain how to perform the following tasks:

- Access GCRO survey data

- Create single indicator reports

- Create multiple variable reports

- Print reports

- Export reports

- Read graphs

Please note: all variables (such as the multi mention questions) are available in the QoL viewer. The full dataset (in SPSS format) also available on request from the GCRO for research/non-financial gain purposes (info@gcro.ac.za).

1.2. Home Page

After entering the application URL in your web browser, the home page will be displayed as shown in the image below:
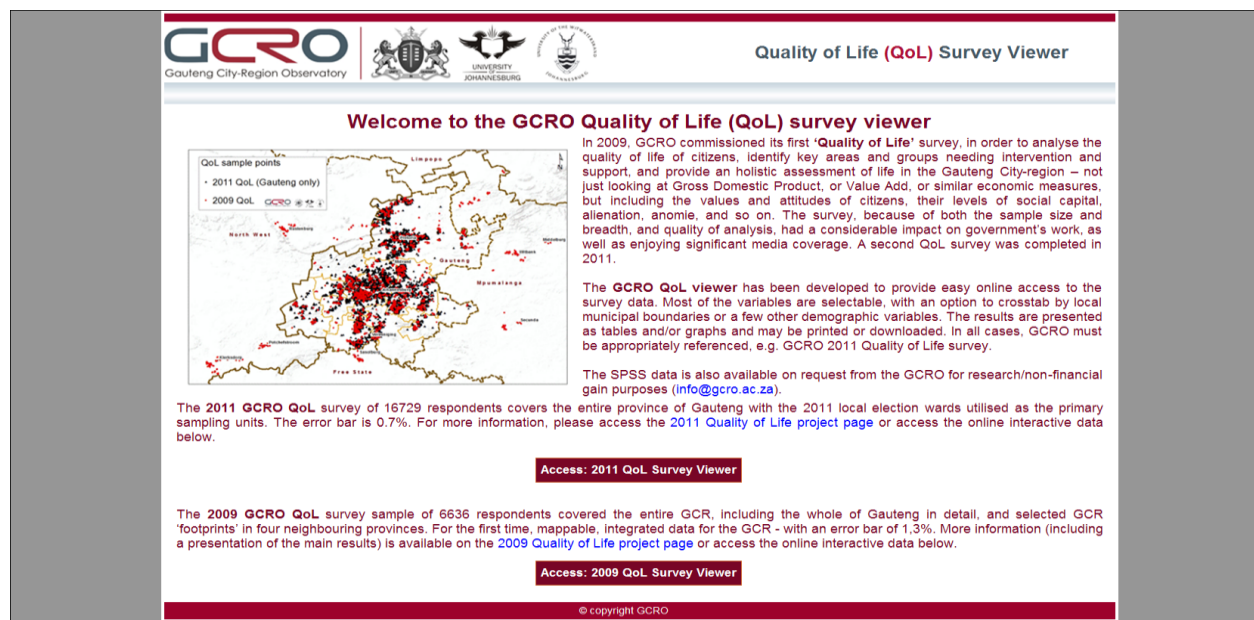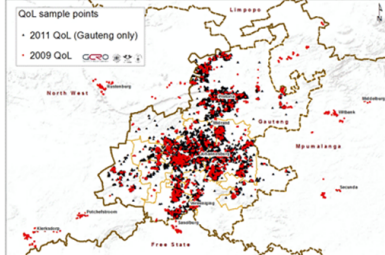
The home page provides general information about the surveys conducted by the Gauteng City-Region Observatory. From the home page, you may also choose a set of survey data to view/query.

1.3. Choose Survey Data

From the home page, select the survey data that you would like to query by clicking on the corresponding button of the survey as shown below:

After selecting a survey, the screen below will be displayed:

2.   Querying Data

The **GCRO QoL Viewer** has been developed to provide easy online access to the survey data. Most of the variables are selectable, with an option to crosstab by local municipal boundaries or a few other demographic variables. The results are presented as tables and/or graphs and may be printed or downloaded.

NB. Due to the volume of data, query results could take a few minutes to be displayed.

2.1.   Single

If the "single" option is selected, you may choose one indicator and will have the option to crosstab this by local municipal boundaries. Follow the steps below to create single indicator reports:
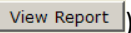
1. Click the single (**Single**) button from the 2011 QoL survey viewer home page
2. The screen below will be displayed:

3. The following menu buttons are available at the top of the screen:
    a. Home – Takes user to the 2011 survey viewer home page
    b. Help – Downloads the 2011 survey viewer help file
    c. Questionnaire – Downloads the GCRO questionnaire
    d. Recoded_Variables – Downloads the document containing 2011 data that has been recoded
    e. Multiple_Variable_Reports – Takes user to the multiple variable report screen
4. Select an indicator from the "Indicator1" drop down list. This drop down list includes all fields on the survey form. Select the data you want to view by clicking the relevant field. Values of "Indicator1" will make up the columns of the report
5. Select a province municipal boundary. Currently, you can select the Gauteng province, 2006 or 2011 municipal boundaries

6. Select a location. The list that is populated for this field is dependant on the province municipal boundary option that was selected. To select a location, click the location drop down, scroll through the list to ensure that the preferred locations are selected as shown in the image below:

7. Select table row/column% - You can select the totals to be based on either "row" or "column" data. **Please note:** The column % graphs should ideally only be selected when using 2006 or 2011 municipal boundaries (and not the Gauteng province) and column % table and results should only be used in the appropriate context

8. Click the view report button (View Report)

9. Report will be displayed depending on your selected criteria

Example 1:

You want to see the male/female percentage for each individual location using the 2011 municipal boundaries. Select the following criteria:

Parameter	Selected Option
Indicator1	A2 Sex
Province Municipal Boundary	2011 municipal
Location	Select all
Table Row/Column %	Row

The report with a corresponding graph (graphs are only available for single indicator reports) will be displayed as shown below:

Example 2:

You want to see how the male population is spread out across the different locations. From the total male population, you want to see the number of males per location. You will be able to see the same for females as well. Select the following criteria:

Parameter	Selected Option
Indicator1	A2 Sex
Province Municipal Boundary	2011 municipal
Location	Select all
Table Row/Column %	Column

The report with a corresponding graph (graphs are only available for single indicator reports) will be displayed as shown below:

Example 3:

You want to see the percentage of each population group in Midvaal. Select the following criteria:

Parameter	Selected Option
Indicator1	A1 Population Group
Province Municipal Boundary	2011 municipal
Location	Midvaal
Table Row/Column %	Row

The report with a corresponding graph (graphs are only available for single indicator reports) will be displayed as shown below:

2.2. Multiple

If the "multiple" option is selected, you may choose two indicators. A crosstab report will be created based on the two indicators selected. Follow the steps below to create cross-tabbed reports:

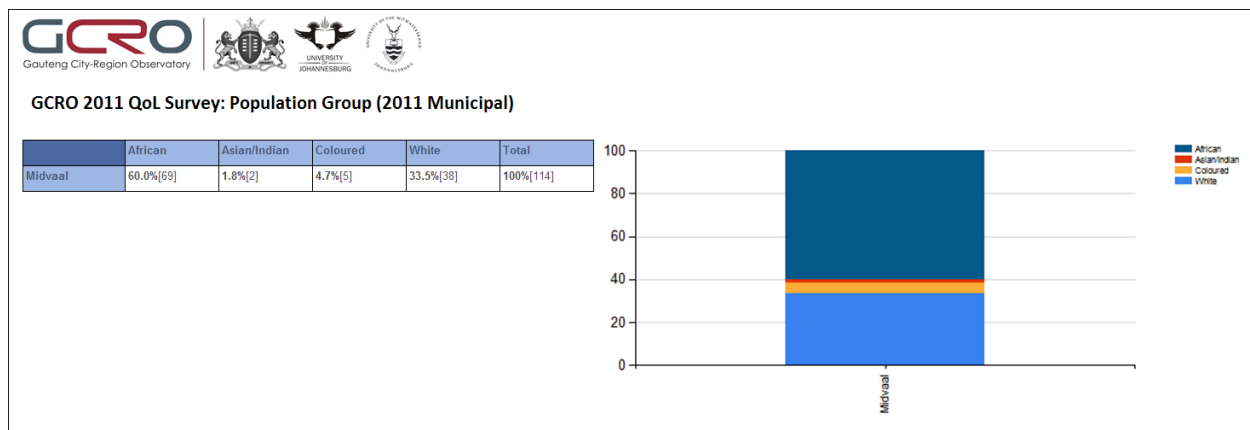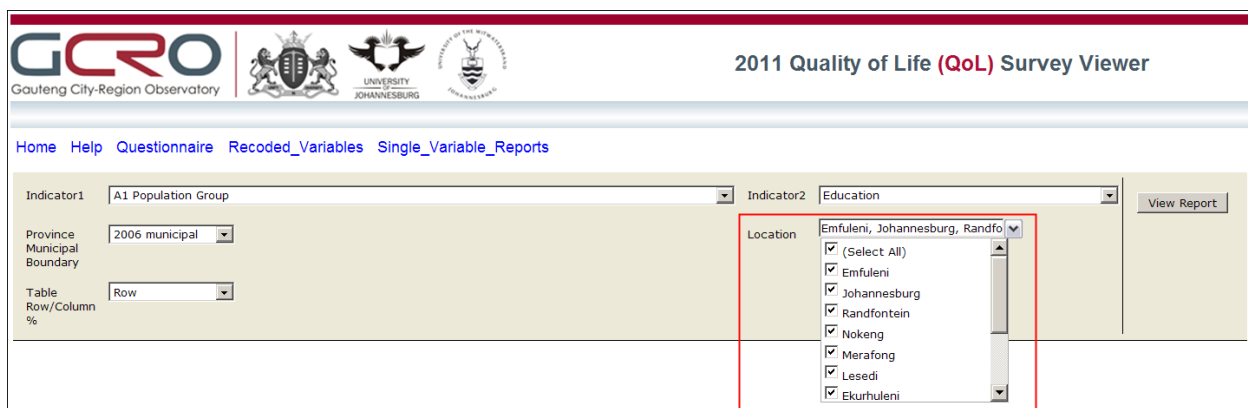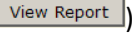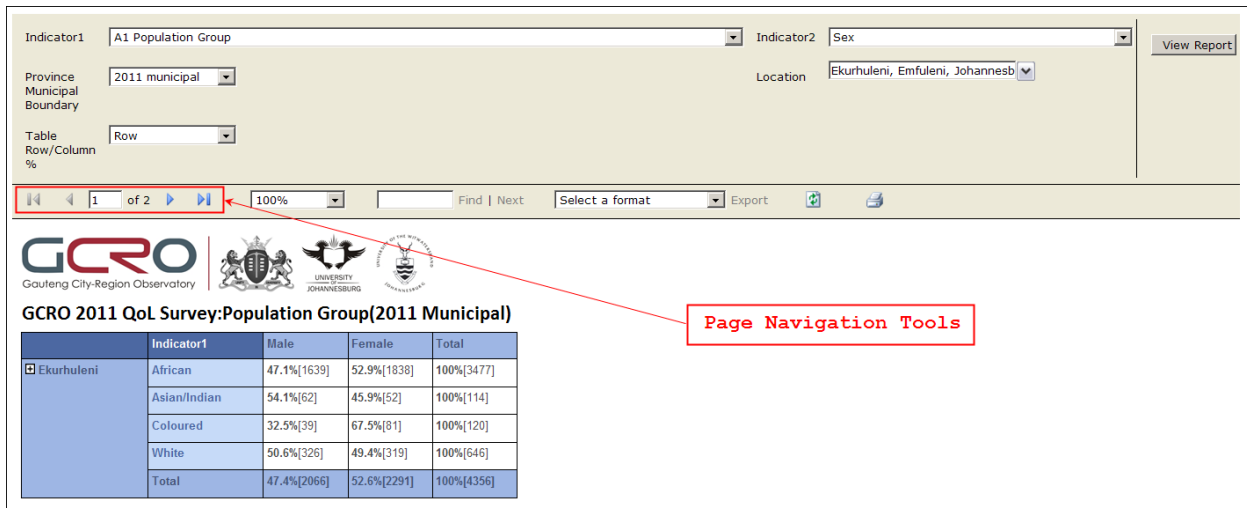1. Click the multiple (**Multiple**) button from the 2011 QoL survey viewer home page or multiple variable reports
2. The screen below will be displayed:

3. Select an indicator from the "Indicator1" drop down list. This drop down list includes all fields on the survey form. Select the data you want to view by clicking the relevant field. Values of "Indicator1" will make up the rows of the report
4. Select an indicator from the "Indicator2" drop down list. This drop down list includes a limited list of demographic variables from the survey form. Select the variable to crosstab against the value selected from "Indicator1". Values of "Indicator2" will make up the columns of the report
5. Select a province municipal boundary. Currently, you can select the Gauteng province, 2006 or 2011 municipal boundaries
6. Select a location. The list that is populated for this field is dependant on the province municipal boundary option that was selected. To select a location, click the location drop down, scroll through the list to ensure that the preferred locations are selected as shown in the image below:

7. Select table row/column% - You can select the table percentages and graphs to be based on either "row" or "column" data. Please note: the column % table and results should only be used in the appropriate context

8. Click the view report button (View Report)

9. Report will be displayed depending on your selected criteria. Please note: sometimes results may be displayed over more than page. To view all data, navigate to the next page of results using the survey viewer page navigation tools shown below:

Example 1:

You want to see the male/female percentage for each population group in Ekurhuleni using the 2011 municipal boundaries. Select the following criteria:

Parameter	Selected Option
Indicator1	A2 Sex
Indicator2	Population Group
Province Municipal Boundary	2011 municipal
Location	Ekurhuleni
Table Row/Column %	Column

The report without a graph (graphs are only available for single indicator reports) will be displayed as shown below:

GCRO 2011 QoL Survey:Sex(2011 Municipal)

	Indicator1	African	Asian/Indian	Coloured	White
⊞ Ekurhuleni	Male	47.1%[1639]	54.1%[62]	32.5%[39]	50.6%[326]
	Female	52.9%[1838]	45.9%[52]	67.5%[81]	49.4%[319]
	Total	100.0%[3477]	100.0%[114]	100.0%[120]	100.0%[646]

Example 2:

From the population of Ekurhuleni and Johannesburg, you want to see the male/female percentage that has reached a specific level of education. Select the following criteria:

Parameter	Selected Option
Indicator1	A2 Sex
Indicator2	Education
Province Municipal Boundary	2011 municipal
Location	Ekurhuleni, Johannesburg
Table Row/Column %	Column

The report without a graph (graphs are only available for single indicator reports) will be displayed as shown below:

GCRO 2011 QoL Survey:Sex(2011 Municipal)

	Indicator1	None	Primary Only	Secondary Incomplete	Matric	More
Ekurhuleni	Male	27.0%[33]	43.5%[207]	44.7%[695]	50.9%[719]	53.8%[350]
	Female	73.0%[90]	56.5%[269]	55.3%[858]	49.1%[693]	46.2%[301]
	Total	100.0%[124]	100.0%[476]	100.0%[1553]	100.0%[1413]	100.0%[651]
Johannesburg	Male	35.1%[37]	41.1%[302]	41.6%[757]	48.4%[821]	48.8%[596]
	Female	64.9%[69]	58.9%[433]	58.4%[1062]	51.6%[874]	51.2%[626]
	Total	100.0%[107]	100.0%[735]	100.0%[1819]	100.0%[1695]	100.0%[1223]

Example 3:

You want to see the employment status percentage of all males in Ekurhuleni, and the employment status percentage of all females in Ekurhuleni. Select the following criteria:

Parameter	Selected Option
Indicator1	A2 Sex
Indicator2	What is your employment status
Province Municipal Boundary	2011 municipal
Location	Ekurhuleni
Table Row/Column %	Row

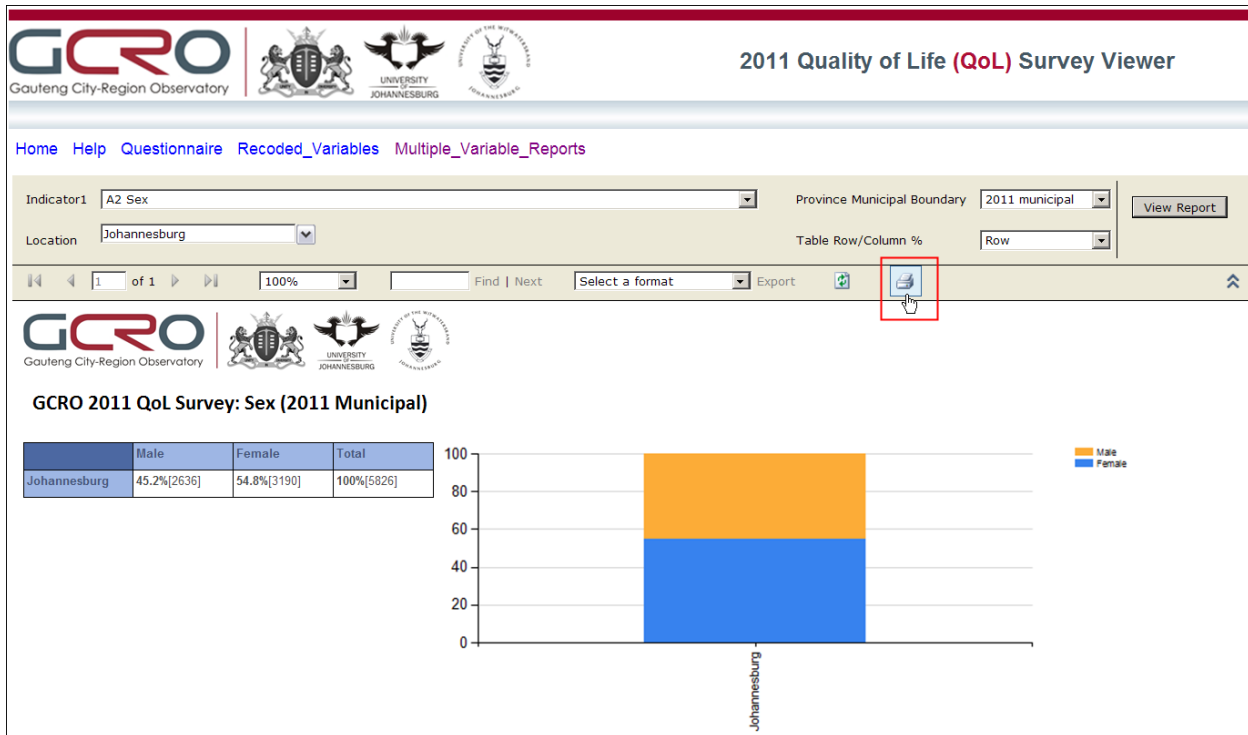The report without a graph (graphs are only available for single indicator reports) will be displayed as shown below:

GCRO 2011 QoL Survey:Sex(2011 Municipal)

	Indicator1	Employed full time, formal sector	Employed part time, formal sector	Employed full time, informal sector	Employed part time, informal sector	Self employed, own business not working from home	Self employed, own business working from home	Unemployed & looking for work	Unemployed, not looking for work, would accept work	Do not want to work	Disabled	Housewife / home maker	School pupil / full-time student	Retired person / pensioner	Total
⊞ Ekurhuleni	Male	19.4%[400]	4.5%[93]	2.5%[51]	2.8%[58]	2.4%[50]	5.6%[114]	33.4%[688]	3.6%[74]	3.9%[81]	1.8%[37]	1.2%[24]	7.6%[155]	11.2%[231]	100%[2057]
	Female	12.6%[287]	3.4%[77]	2.3%[52]	2.4%[55]	1.2%[28]	4.5%[102]	36.3%[827]	5.4%[123]	1.4%[32]	1.2%[28]	8.7%[198]	4.4%[100]	16.4%[374]	100%[2281]
	Total	15.8%[687]	3.9%[170]	2.4%[103]	2.6%[113]	1.8%[78]	5.0%[217]	34.9%[1515]	4.5%[197]	2.6%[113]	1.5%[65]	5.1%[222]	5.9%[255]	13.9%[605]	100%[4338]

2.3. Print

Query results/reports can be printed. After generating a query, follow the steps below to print results:

1. View query results
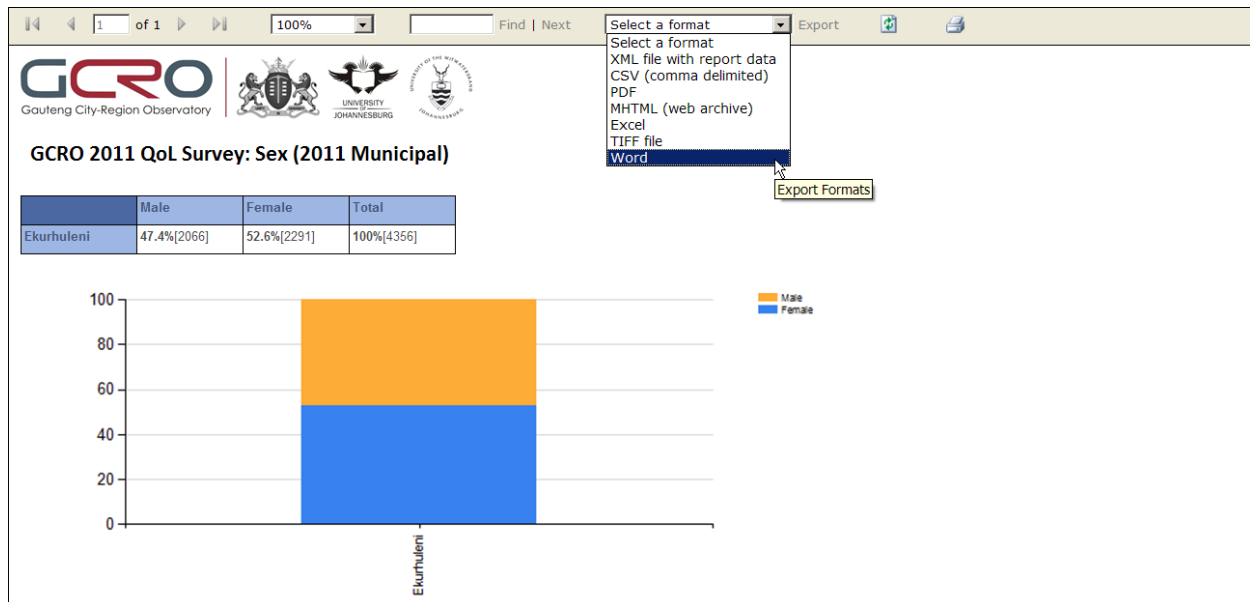2. Click the print icon as shown below:

3. The print dialog box will be displayed
4. Select print options as required
5. Click the print button
6. The query results should be displayed successfully

NB. The print option will only work if the web browser used is internet explorer. Print will not work when using other browsers such as Mozilla Firefox, Apple Safari or Google Chrome. Please use the browser print functionality to print the results.

2.4.   Export

Query results/reports can be printed. After generating a query, follow the steps below to print results:

1. View query results
2. Select the format that the report must be exported in. Select format from the "Select a format" drop down menu as shown below:
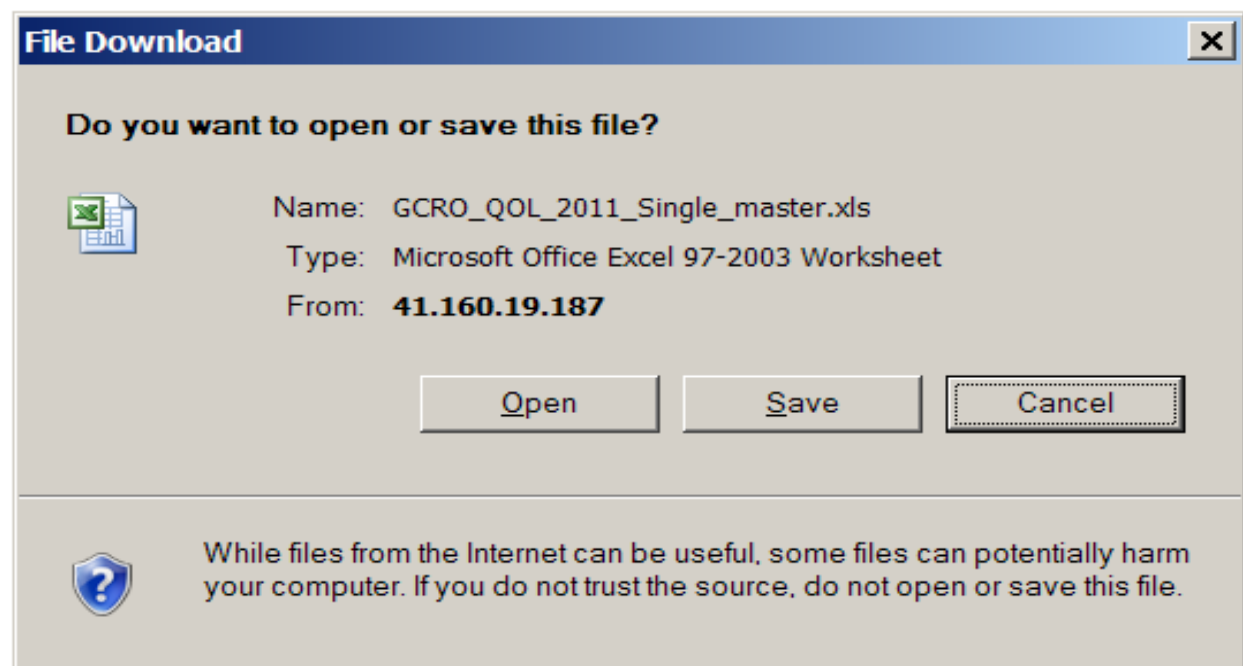

3. After selecting a format (only excel, PDF and word formats are available), click the export (Export) button
4. The File Download window will be displayed as shown below:

5. You can open the file or save it to your local computer
6. The file will be displayed as shown below (file exported to excel file):
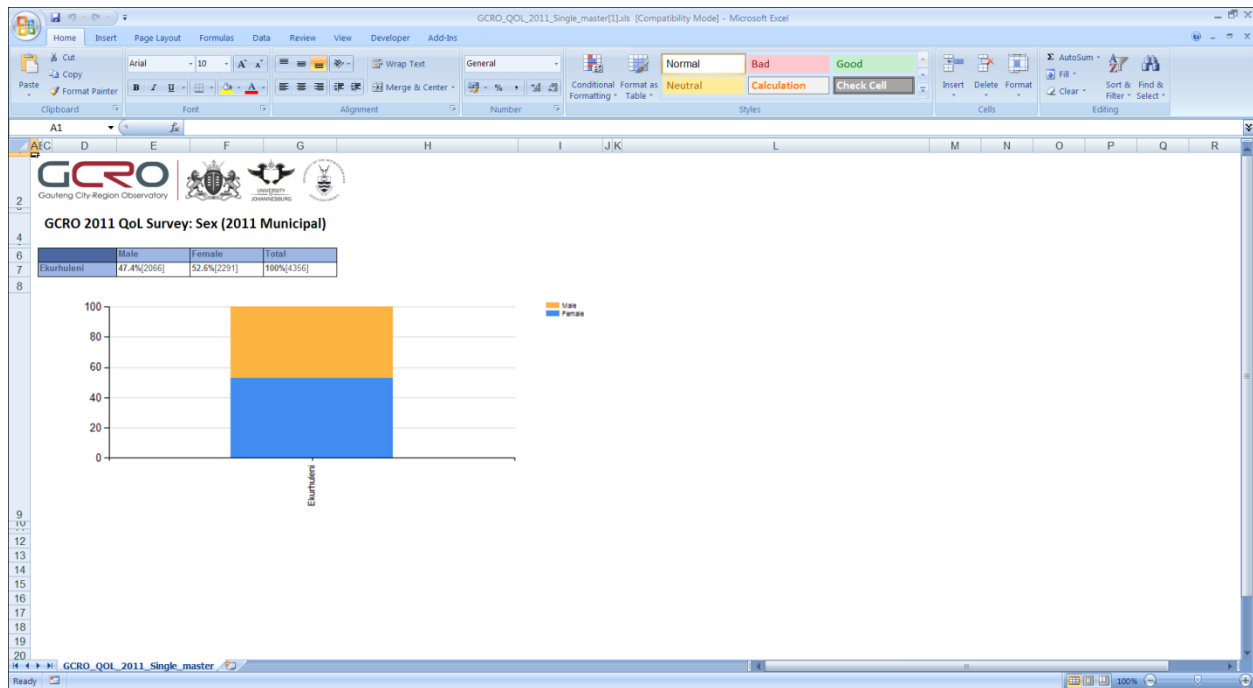
2.5. Graphs

Graphs are a visual representation of the query results. Graphs are only generated for single indicator queries.

Example 1: Graph showing the percentage of males and females using the 2011 municipal boundaries and graphed as a row percentage.
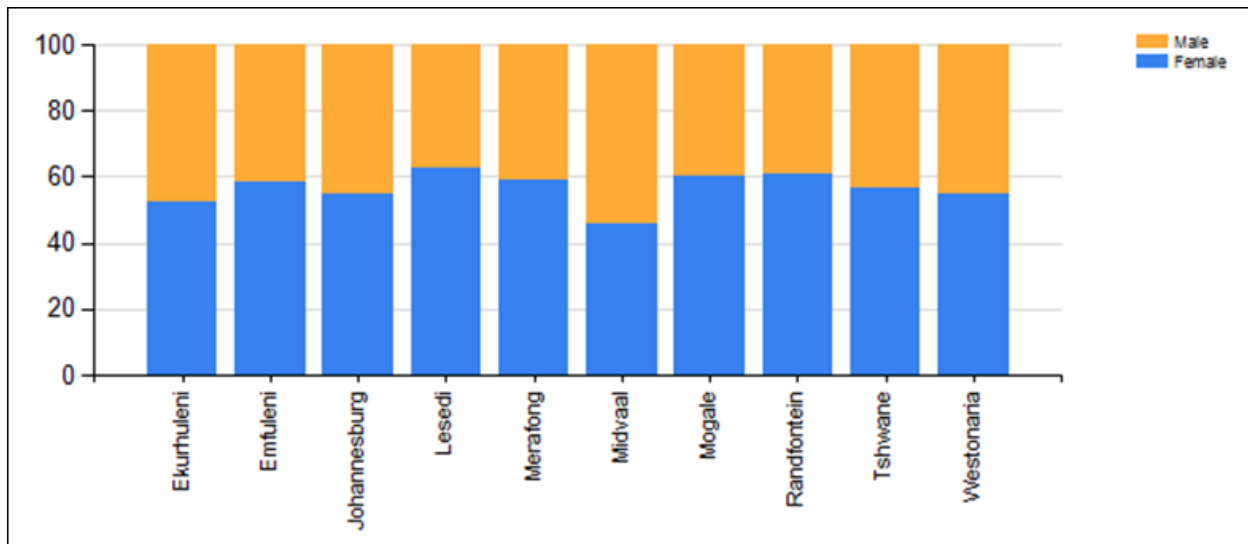
- X-Axis – Displays the geographic boundaries
- Y-Axis – Displays the male/female percentage
- Legend – Displayed on the upper right side of the graph

Example 2: Graph showing the percentage of males and females using the 2011 municipal boundaries and graphed as a column percentage.
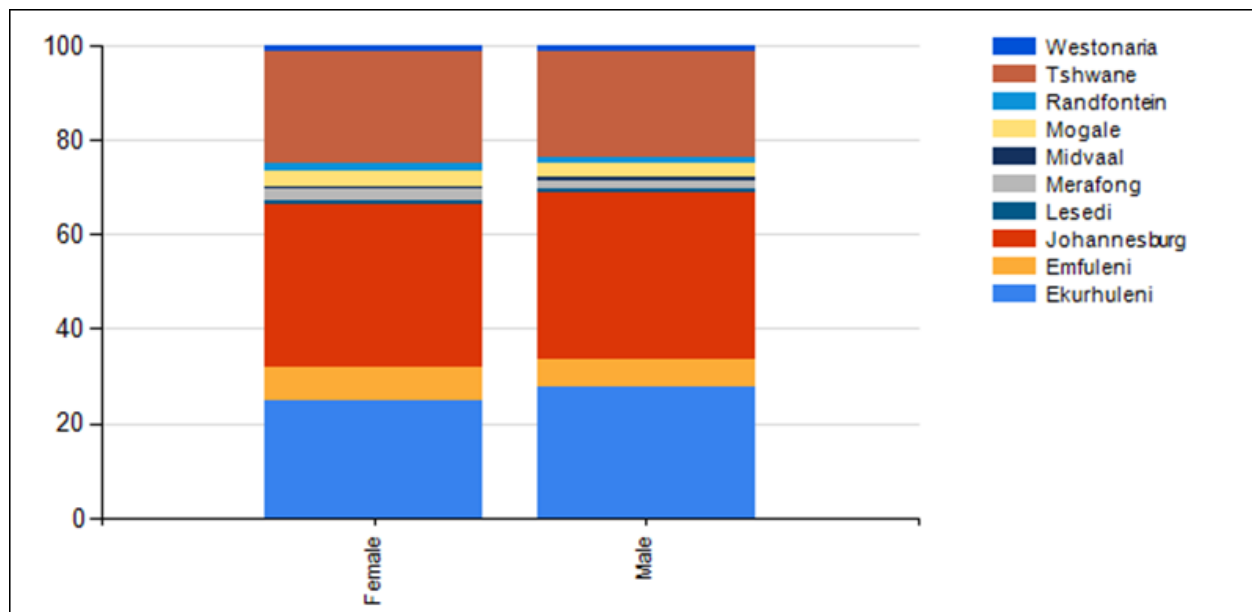
- X-Axis – Displays the male/female population
- Y-Axis – Displays the geographic boundaries
- Legend – Displayed on the upper right side of the graph