



AmericasBarometer, 2016/2017

Technical Information

<i>Country</i>	<i>Year</i>	<i>Sample Size</i>	<i>Weighted/Unweighted</i>	<i>Fieldwork dates</i>
Grenada	2016	1,004	Unweighted	January 25 th to February 18 th

Grenada 2016 AmericasBarometer Round

This survey was carried out between January 25th and February 18th of 2016, as part of the LAPOP AmericasBarometer 2016/17 wave of surveys. The Grenada 2016 AmericasBarometer Survey was the first survey that LAPOP conducted in the country with Field work activities being carried out by Development Policy and Management Consultants (DPMC). The survey was supported by USAID and Vanderbilt University.

The project used a national probability sample design of voting-age adults, with a total N of 1,004 people. It involved face-to-face interviews conducted in English. The survey used a complex sample design, taking into account stratification and clustering.

The sample was developed by LAPOP using as a sampling frame the 2011 Population Census. The sample is stratified by three regions: Saint George; Eastern Region (St. Andrews and St. David); Western Region and Carriacou (St. John, St. Mark, St. Patrick and Carriacou). The confidence levels anticipated for the national sample is 95%, with a margin of error of 3.1%, assuming a 50/50 proportion in dichotomous variables (in any other proportion, the sampling error is lower). Margin of sampling errors are not adjusted for weights. Respondents were selected in clusters of 6 interviews. Reported statistics or statistical analyses should be adjusted for the design effect due to the complex design of the sample.¹

¹ For more information visit <http://www.vanderbilt.edu/lapop/survey-designs.php>

The sample has 82 primary sampling units and 167 final sampling points. A total of 258 respondents were surveyed in urban areas and 746 in rural areas. Respondents were selected in clusters of 6 interviews both in urban and rural areas.

Table 1: Sample sizes by Strata, Municipality Size and urban/rural area in the 2016 AmericasBarometer Survey in Grenada

Strata	Unweighted Sample Size
St. George	362
Eastern Region	354
Western Region & Carriacou	288
Total	1,004
Size of Municipality	
Large (Urban Areas)	608
Medium (Rural areas with more than 5,000 inhabitants)	210
Small (Rural areas with less than 5,000 inhabitants)	186
Total	1,004
Area	
Urban	258
Rural	746
Total	1,004

Quotas for gender and age were adopted since multiple recalls in a national sample such as this are impractical from a cost standpoint. Our experience shows that even three recalls leave the sample with a notable gender imbalance (more women than men). Rather than have to include post-hoc weights to adjust for this sample error, we resolve the problem in the field via quotas.

A single respondent was selected in each household, following the gender and age quota mentioned above. Respondents are permanent household members. If two or more people of the same sex and age group were present in the household at the moment of the interview, the questionnaire was applied to the person with the next birthday.

Weighting of the Grenada 2016 dataset

The 2016 AmericasBarometer sample of Grenada is self-weighted. The dataset contains a variable called WT which is the “country weight” variable. This variable takes the value 1. The variable “WEIGHT1500” should be activated/created to produce representative national results. When using this dataset for cross-country comparisons, in order to give each country in the study an identical

weight in the pooled sample, LAPOP reweights each country data set in the merged files so that each country has an N of 1,500. In SPSS this is done via the “weight” command.

Margins of sampling error or statistical analyses should be adjusted for the design effect due to the complex design of the sample².

Readers can access the questionnaire through a link on the LAPOP website: www.AmericasBarometer.org.

Further details of the sample design are contained in the country report. For additional information contact Georgina Pizzolitto at georgina.pizzolitto@vanderbilt.edu

² For more information visit <http://www.vanderbilt.edu/lapop/survey-designs.php>