



## AmericasBarometer, 2016/2017

### *Technical Information*

<i>Country</i>	<i>Year</i>	<i>Sample Size</i>	<i>Weighted/Unweighted</i>	<i>Fieldwork dates</i>
St. Vincent and the Grenadines	2016	1,017	Unweighted	January 19 <sup>th</sup> to February 14 <sup>th</sup>

### ***St. Vincent and the Grenadines 2016 AmericasBarometer Round***

This survey was carried out between January 19<sup>th</sup> and February 14<sup>th</sup> of 2016, as part of the LAPOP AmericasBarometer 2016/17 wave of surveys. The St. Vincent and the Grenadines 2016 AmericasBarometer Survey was the first survey that LAPOP conducted in the country with the fieldwork 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 1,017 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: Kingston and Metropolitan Area; the remaining areas of the island of St. Vincent; and the islands of the Grenadines. The confidence levels anticipated for the national sample is 95%, with a margin of error of 2.5%, 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.<sup>1</sup>

The sample has 84 primary sampling units and 168 final sampling points. A total of 678 respondents were surveyed in urban areas and 339 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 St. Vincent and the Grenadines**

<b>Strata</b>	<b>Unweighted Sample Size</b>
Kingston and Metropolitan Area	472
Remaining St. Vincent Island	448
Grenadines	97
<b>Total</b>	<b>1,017</b>
<b>Size of Municipality</b>	
Large (more than 50,000)	472
Medium (between 5,000-50,000)	376
Small (less than 5,000)	169
<b>Total</b>	<b>1,017</b>
<b>Area</b>	
Urban	678
Rural	339
<b>Total</b>	<b>1,017</b>

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.

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

### ***Weighting of the St. Lucia 2016 dataset***

The 2016 AmericasBarometer sample of St. Vincent and the Grenadines is self-weighted. The dataset contains a variable called WT which is the “country weight” variable that 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 sample<sup>2</sup>.

Readers can access the questionnaire through a link on the LAPOP website: [www.AmericasBarometer.org](http://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](mailto:georgina.pizzolitto@vanderbilt.edu)

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