



## AmericasBarometer, 2016/2017

### *Technical Information*

<i>Country</i>	<i>Year</i>	<i>Sample Size</i>	<i>Weighted/Unweighted</i>	<i>Fieldwork dates</i>
Antigua and Barbuda	2016	1,002	Unweighted	January 9 <sup>th</sup> to February 8 <sup>th</sup>

### ***Antigua and Barbuda 2016 AmericasBarometer Round***

This survey was carried out between January 9<sup>th</sup> and February 8<sup>th</sup> of 2016, as part of the LAPOP AmericasBarometer 2016/17 wave of surveys. The Antigua and Barbuda 2016 AmericasBarometer Survey was the first survey that LAPOP conducted in the country with the field work being carried out by The Anatol Institute of Research and Social Sciences (TAIRASS). 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 1,002 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 2010 Population Census. The sample is stratified by two regions: the parish of St. John; and the remaining parishes on the island of Antigua with the island of Barbuda. 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>

<sup>1</sup> 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 661 respondents were surveyed in urban areas and 341 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 Antigua and Barbuda**

<b>Strata</b>	<b>Unweighted Sample Size</b>
St. John	607
Remaining Antigua Island and Barbuda	395
<b>Total</b>	<b>1,002</b>
<b>Size of Municipality</b>	
Large (more than 50,000)	607
Medium (between 5,000-50,000)	529
Small (less than 5,000)	197
<b>Total</b>	<b>1,002</b>
<b>Area</b>	
Urban	661
Rural	341
<b>Total</b>	<b>1,002</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.

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

The 2016 AmericasBarometer sample of Antigua and Barbuda 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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