



World Values Survey Wave 7 in Puerto Rico: Sample Design.

The survey was developed in collaboration with the Institute of Statistics, the government agency in charge of the gathering and analysis of statistics in all areas.

People aged 18+, including migrants, public housing and private households constitute the target population in Puerto Rico.

Target sample size: N = 1,127, P<.03

The survey covered the whole country territory in the fieldwork. We divide the country in six regions: north, south, east, west, San Juan Metropolitan Area and the central region. This is done according to geocultural differences and population concentration.

North	N = 180	East	N = 214	Center	N = 173
South	N = 152	West	N = 168	San Juan	N = 288

Multi-stage random selection sampling model was used. At the first level, we divide the country in six geocultural regions as stated above. Within each region, we select three cities randomly. Within each city, we select three residential areas according to socio-economic levels, as stated by the US Census Bureau. Within each household we use Kish method to select the person to be interviewed.

Primary Sampling Units (PSUs) were selected randomly from the residential areas selected.

Kish Method was used to select the respondent in the household.

Interview mode: Face to face interviews with printed questionnaires.

Quality control procedures: there were field supervisors, one supervisor per group of 12 interviewers. We will also be checking the quality of field questionnaires randomly before conducting data entry. 15% of the total number of conducted interviews were controlled.

In Puerto Rico we have, according to the US Census Bureau, 53% females versus 47% males. Also, we have an aging population with 27% with less than 32 years, 42% between 33 and 55 years; and 31% above 55 years. Seniors and females are among groups usually over-represented in the conducted surveys.

	Census %	Surveys %	Δ %
Male	47%	39%	-8%
Female	53%	61%	+8%
18-32 years	27%	22%	-5%
33- 55 years	42%	36%	-6%
55 + years	31%	42%	+11%

The main troubles during fieldwork included difficult access to gated residential areas.