Argentina 2023 Technical Document

Sampling
A stratified multi-stage cluster sample design was used to complete 1,007 face-to-face surveys.

Target Population/Coverage: Non-institutionalized adult population (15 years of age or older) living in households. Stratification and selection used information from the 2010 Population and Housing Census. Those living in dispersed rural population areas were excluded. This represents about 4% of the population.

Stratification: The sampling frame was stratified by regions, resulting in a total of 6 strata groups: Metropolitana, Pampeana, Cuyo, N.O.A. (Noroeste Argentino), N.E.A. (Noreste Argentino), and Patagonia.

Sample Selection: One-stage sampling was performed. Primary sampling units (PSUs) were allocated to strata groups proportionally to 0+ population size based on Census 2010. In Argentina, census radios serve as PSUs. Random selection methods (probability proportionate to population size) were used to select the PSUs within each strata group. A total of 100 PSUs were selected.

Within each selected PSU, a random starting point was identified. Using the right-hand rule and a fixed interval of 3 households, interviewers selected eligible households until the required number of interviews were completed. Within each selected household, interviewers listed all eligible (15+ adults) individuals and the CAPI program randomly selected a respondent. In case of refusals or non-contacts, households were replaced along the random route using the same interval.

Data Collection: August 5, 2023 – October 12, 2023

AAPOR3 response rate: 21%

Weighting: The sample data was weighted to minimize bias in survey-based estimates. The weighting procedure was formulated based on the sample design and was carried out in multiple stages. A probability weight factor (base weight) was constructed to correct for unequal selection probabilities within the household. At the next step, the base weights were post-stratified to adjust for non-response and to match the weighted sample totals to known target population totals obtained from country level census data.

Design Effect: 1.42

Margin of error: ± 3.7% (95% confidence level)

Population sources used for constructing weights were based on the following:

Age, Gender, Region: National population projections 2023, The National Institute of Statistics and Censuses (INDEC)

Education, Urbanicity: National Institute of Statistics and Censuses (INDEC), Population and Housing Census 2010

Age	SAMPLE_UNWTD	SAMPLE_WTD	TARGET
15-24	14.9	19.5	19.8
25-34	17.7	19.9	19.8
35-44	18.3	18.1	17.9
45-54	15.6	14.7	15.1
55+	33.6	27.7	27.4
Education	**SAMPLE_UNWTD**	**SAMPLE_WTD**	**TARGET**
No Education/Primary Incomplete	5.8	11.4	15.2
Primary Complete	15.7	22.5	23.6
Secondary Incomplete	21.0	22.0	20.5
Secondary Complete	26.6	19.9	18.3
Some/Complete Tertiary (Technical)	14.9	9.4	8.5
Some/Complete University	16.1	14.9	13.9
Sex	**SAMPLE_UNWTD**	**SAMPLE_WTD**	**TARGET**
Male	39.1	47.3	48.4
Female	60.9	52.7	51.6
Region	**SAMPLE_UNWTD**	**SAMPLE_WTD**	**TARGET**
Metropolitana (excluding Buenos Aires)	7.0	7.2	7.0
Pampeana (excluding Buenos Aires)	17.6	17.2	17.1
Cuyo	7.9	8.1	8.1
N.O.A.(Noroeste Argentino)	11.9	10.8	11.4
N.E.A. (Noreste Argentino)	11.9	12.0	12.0
Patagonia	5.0	5.7	5.7
Buenos Aires	38.7	38.9	38.7
Urbanicity	**SAMPLE_UNWTD**	**SAMPLE_WTD**	**TARGET**
Urban	92.1	91.8	91.4
Rural	7.9	8.2	8.6