

Sampling: METHODOLOGY KYRGYZSTAN

Target population – adults, aged 18+, residing on the territory of the country. The sample size – 1500 respondents. Sampling method – PPS or probability proportional to size with application of route sample at the third stage.

Sampling stages:

1. Sampling localities
2. Sampling primary sampling units – sites or PSUs in the localities.
3. Sampling addresses – route method
4. Sampling respondents within households – “nearest birthday”

A1. Proportional distribution of interview quotas

Distribution of interview quotas among regions.

Interview quotas are distributed by regions proportionately to size, i.e. size of population aged 18+¹ in each region.

Distribution of quotas between urban and rural areas

Interview quotas in each region were distributed proportionately to population in urban and rural areas.

A2. Sampling of rural household addresses.

Determining the number of selected villages and townships.

First, the number of villages to be selected in the study region is determined. The number of villages to be selected is determined based on the interview quota for this region.

Per agreement with the Client, the load on interviewers was not to exceed **25-26 questionnaires per interviewer**. Corresponding survey sites and actual quotas are provided below. **The sample had to be selected accurately, to match the sampling during the previous phase (15).**

Per requirements stipulated by the Client, the interviewers had to conduct approximately 10 interviews in one part of the site/territory and about 10 interviews in another part of the same territory/site. Thus, each survey site was to have two codes in the database.

¹ 2009 statistical data.

A3. Sample of urban households

Division by sites.

Example: let's take a town with a population of 72,000 people. Each household in this town consists on average of four individuals. Hence, there are approximately 18,000 households in this town, and the number of survey sites would be about 21. We mark the boundaries of each site on the map, and number the marked sites.

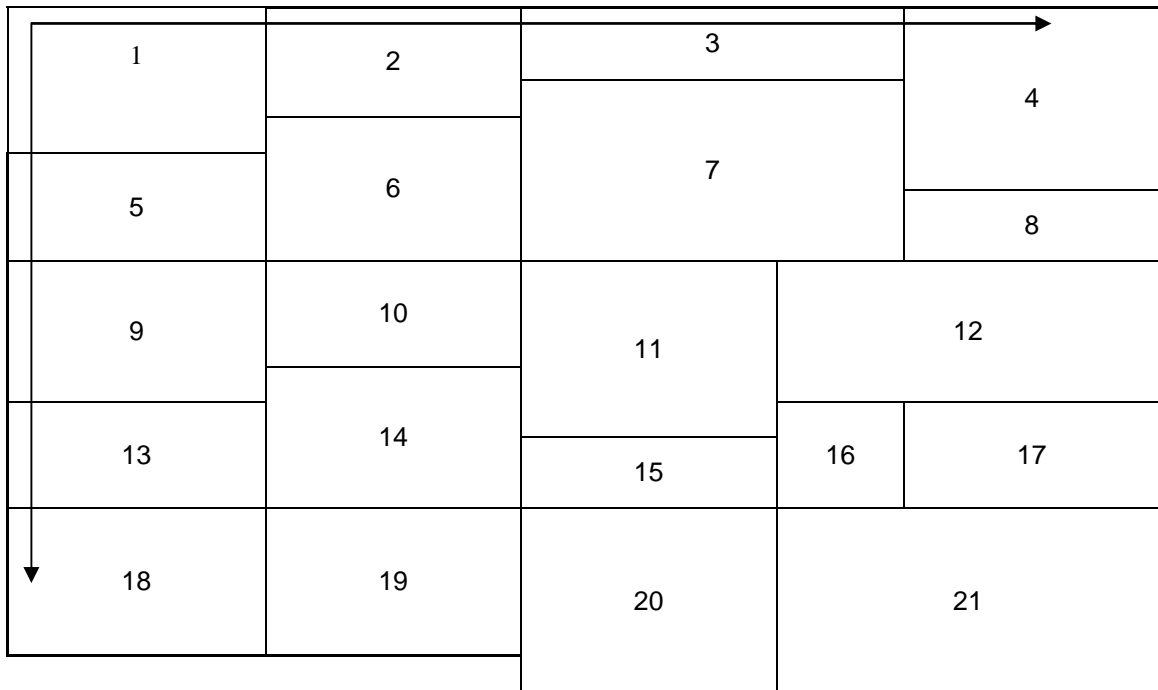
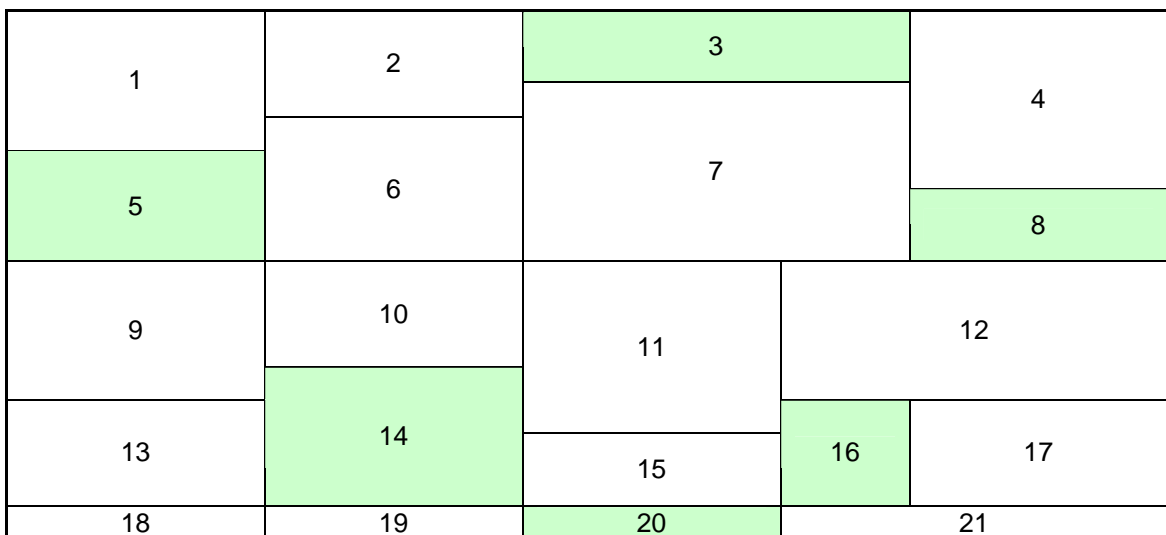


Figure 1.

Selection of sites

Example: The sample includes sites 3, 5, 8, 14, 16, and 20. We mark them on the map:



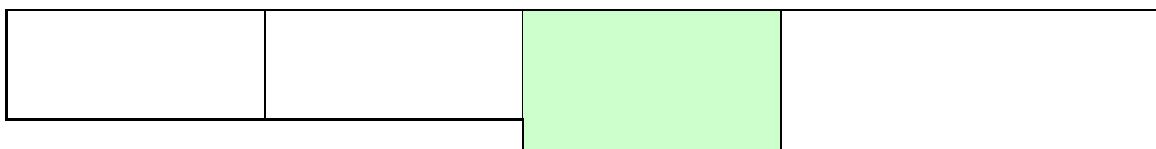


Figure 2.

Sampling households

Households in each PSU are selected by the route method – actual number of households is identified; the step (actual number of households divided by quota) is determined; the survey is conducted using this step. The starting point of a route in the survey site is determined by the regional supervisor.

According to the agreement with the Client each interviewer had to divide the number of interviews to be conducted by him/her by half. After dividing, one half (about 10 interviews) were to be conducted by the interviewer in one part of the site, and the other half in the remaining part of the same site. For example, surveying approximately 10 households in the northern part of the village, and approximately 10 households in the southern part of the village. The database would have one code for the northern part of the village and another code for the southern part of the village – thus, each survey site would have two different codes in the database.

Selection of respondents (using nearest birthday date)

Respondents were selected using the “nearest birthday” method - a person with the birthday nearest to the date of the interviewer’s visit was to be interviewed. The list of household members was to be comprised of citizens of Kyrgyzstan aged 18+.

If nobody answered the door in the selected household on the date of the interview, the interviewer had to return to that household two more times (total of three tries). If the selected respondent was absent (respondents selected according to the nearest birthday), the interviewer returned to this household two more times to meet the respondent (total of three tries).

Interviewers

Interviewers have interviewing experience and are fluent in Kyrgyz, Russian, and in the south of the country – Uzbek.

Briefing-training of interviewers in the northern region was held in Bishkek city. Briefing-training of interviewers in the southern region was held on April 14 in Osh, Batken, and Jalal-Abad cities.

Fieldworks were launched simultaneously in all regions/oblasts.