



SURVEY OF NEW IMMIGRANTS TO ESTONIA

Survey conducted among the Estonian population and immigrants

Turu-uuringute AS

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STUDY METHODOLOGY

1 Sample and selection of respondents

The study population for the survey of the Estonian population was made up of permanent residents of the Republic of Estonia aged 15 years and up (a total of 1,104,499 people according to Statistics Estonia data from 1 January 2016). The sample size is 1,000.

The respondents were found on the basis of random selection to ensure that all Estonian counties and settlement types were proportionally represented in the survey sample. The territorial model for the sample was compiled on the basis of the Statistics Estonia demographic statistics database. The source address method was used to select address. To select the respondents, the “youngest male” rule was followed, where the first to be asked for an interview at a given address is the youngest male of at least 15 years of age who is home at the time of the visit.

The sample for the new immigrant study came from the Population Register, issued by the processor in the Ministry of the Interior’s information technology and development centre for conducting the study. The sample included 9,581 European Union and third-country citizens who received a residence permit or the right to live in Estonia in the period from 2010 to 2015 and have registered their place of residence in Estonia. The respondents were chosen from the database at random. After their responses were received, the responses of university students were removed from the sample, as they were not directly part of the target group for this study.

2 Survey procedure

The survey of the Estonian population was conducted as part of an omnibus study. Face-to-face personal interviews were used as the survey method. The interviews were carried out in respondents’ homes in Estonian and Russian. A total of 58 specially trained interviewers from Turu-uuringute AS took part in the survey work. The survey was conducted from 9 to 23 August 2016.

The immigrant survey was carried out in the form of an online survey that respondents could fill in themselves. The respondents were sent an email introducing the survey and inviting them to participate in it. The letter included a link to the survey environment for filling in a

programmed questionnaire. The link for each respondent is individual, which rules out the possibility that the same questionnaire could be taken more than once.

The respondent had the opportunity to fill in the survey in English or Russian. Respondents who had not filled in the questionnaire by the deadline were sent a reminder.

3 Data processing and calculation of sampling error

The data processing program SPSS 11.5 was used to process the study data. After the end of the survey, the socio-demographic composition of the interviewees was compared to the requirements of the sample and, in order to compensate for losses, the data were weighted to bring them into conformity with the theoretical model. Gender, age, and region factors were taken into account in the weighting.

The results of the study of the population can be extrapolated to the entire Estonian population. Error does not exceed 3.09%.

The margin of error at 95% confidence level is shown in table 1:

Table 1. Margin of error at 95% confidence level

Valimi suurus	50%	48%	40%	35%	30%	25%	20%	15%	10%	5%	3%	2%
10	30,99%	30,97%	30,36%	29,56%	28,40%	26,84%	24,79%	22,13%	18,59%	13,51%	10,57%	8,68%
20	21,91%	21,90%	21,47%	20,90%	20,08%	18,98%	17,53%	15,65%	13,15%	9,55%	7,48%	6,14%
30	17,89%	17,88%	17,53%	17,07%	16,40%	15,49%	14,31%	12,78%	10,73%	7,80%	6,10%	5,01%
40	15,49%	15,49%	15,18%	14,78%	14,20%	13,42%	12,40%	11,07%	9,30%	6,75%	5,29%	4,34%
50	13,86%	13,85%	13,58%	13,22%	12,70%	12,00%	11,09%	9,90%	8,31%	6,04%	4,73%	3,88%
60	12,65%	12,64%	12,39%	12,07%	11,59%	10,96%	10,12%	9,03%	7,59%	5,51%	4,32%	3,54%
70	11,71%	11,71%	11,48%	11,17%	10,73%	10,14%	9,37%	8,36%	7,03%	5,11%	4,00%	3,28%
80	10,96%	10,95%	10,73%	10,45%	10,04%	9,49%	8,76%	7,82%	6,57%	4,78%	3,74%	3,07%
90	10,33%	10,32%	10,12%	9,85%	9,47%	8,94%	8,26%	7,38%	6,20%	4,50%	3,52%	2,89%
100	9,80%	9,79%	9,60%	9,35%	8,98%	8,49%	7,84%	7,00%	5,88%	4,27%	3,34%	2,74%
110	9,34%	9,34%	9,15%	8,91%	8,56%	8,09%	7,47%	6,67%	5,61%	4,07%	3,19%	2,62%
120	8,94%	8,94%	8,76%	8,53%	8,20%	7,75%	7,16%	6,39%	5,37%	3,90%	3,05%	2,50%
130	8,59%	8,59%	8,42%	8,20%	7,88%	7,44%	6,87%	6,14%	5,16%	3,75%	2,93%	2,41%
150	8,00%	8,00%	7,84%	7,63%	7,33%	6,93%	6,40%	5,71%	4,80%	3,49%	2,73%	2,24%
200	6,93%	6,92%	6,79%	6,61%	6,35%	6,00%	5,54%	4,95%	4,16%	3,02%	2,36%	1,94%
300	5,66%	5,65%	5,54%	5,39%	5,18%	4,90%	4,52%	4,04%	3,39%	2,47%	1,93%	1,58%
500	4,38%	4,38%	4,29%	4,18%	4,01%	3,79%	3,50%	3,13%	2,63%	1,91%	1,49%	1,23%
800	3,46%	3,46%	3,39%	3,30%	3,17%	3,00%	2,77%	2,47%	2,08%	1,51%	1,18%	0,97%
1 000	3,09%	3,09%	3,03%	2,95%	2,84%	2,68%	2,48%	2,21%	1,86%	1,35%	1,06%	0,87%

Example: The margin of error in percentage is between 0.87 and 3.09 in a survey with 1,000 respondents