

Weighting Scheme

In order to ensure that the findings were representative of the population, the REACH team weighted the data based on the actual population size of the assessed area (Total settlements for non-displaced community, raions for IDPs):

- Sampling methodology ensured that the data is representative at both the Oblast and Rural/Urban level
- IDPs and Non-displaced community were weighted separately due to differing sampling methodologies
- Weights based on Oblast and sector (urban rural)
- An additional 168 observations from the buffer zone were added specifically for the purpose of comparing buffer-zone and non-buffer zone conditions. These observations make the buffer zone-representative at the oblast and sector level, but over-sample the buffer zone when the total sample is used, so they must be removed for other comparisons

Weighting Scheme

$$W_{o,u} = \frac{P_i/P_T}{S_i/S_T}$$

$W_{o,u}$ = The weight of the observation, given the oblast and sector

P_i = *The population of the sector and oblast*

P_T = *Total population of the assessed areas*

S_i = *the sample of the sector and oblast*

S_T = *The total sample size*

Sample Sizes Used for each observation, given the displacement status, sector (urban/rural) and Oblast:

	Non-Displaced		IDP
	Total	Buffer	Total
Donestsk (Rural)	0.141435059	0.140759156	1.243639
Donestsk (Urban)	2.454142702	2.817134388	1.682556
Luhansk (Rural)	0.153144687	0.155323008	0.554949
Luhansk (Urban)	0.726462969	0.723259653	0.771244