

DESIGN WEIGHTS

In general design weights were computed for each country as follows.

1. $\underline{w} = 1/(\text{PROB1} \cdot \dots \cdot \text{PROB}k)$ is a $n \times 1$ vector of weights ; k depends on the number of stages of the sampling design.
2. All weights were rescaled in a way that the sum of the final weights equals n , i.e. rescaled weights = $n \cdot \underline{w} / \text{sum}(\underline{w})$
3. Country specific issues.
 - In the United Kingdom five weights were larger than 4. These extremely large weights were truncated to final weights of value 4.
 - In the Czech Republic the dweights in data release 2 are slightly changed to release 1. 48 weights were larger than 4. These extremely large weights were truncated to final weights of value 4.
 - In the Portugal four weights were a bit larger than 4. These weights were not truncated.
 - In Luxembourg a slightly different method of calculating design weights than in round 1 was used.
 - In Ukraine 14 weights were larger than 4. These extremely large weights were truncated to final weights of value 4. Case number 813 did not have a value for the probability of being selected within the household. This case was assigned a value of dweight equal 1.
 - In France one weight was larger than 4. This extremely large weight was truncated to a final weight of value 4.
 - In the Netherlands four weights were larger than 4. These extremely large weights were truncated to final weights of value 4.

Country	net sample size	sum of dweights
AT-Austria	2256	2256
BE-Belgium	1778	1778
CH-Switzerland	2141	2141
CZ-Czech	3026	3026
DE-Germany	2870	2870
DK-Denmark	1487	1487
EE-Estonia	1989	1989
ES-Spain	1663	1663
FI-Finland	2022	2022
FR-France	1806	1806
GB-United Kingdom	1897	1897
GR-Greece	2406	2406
HU-Hungary	1498	1498
IE-Ireland	2286	2286
IS-Iceland	579	579
LU-Luxembourg	1635	1635
NL-Netherlands	1881	1881
NO-Norway	1761	1761
PL-Poland	1716	1716
PT-Portugal	2052	2052
SE-Sweden	1948	1948
SI-Slovenia	1442	1442
SK-Slovakia	1512	1512
UA-Ukraine	2031	2031

Figure 1. Histograms of the design weights for the 24 countries of ESS2 data release 2

