

**GESIS Study number ZA6863**  
**ICPSR Study Number** *[not yet assigned]*

## **EUROBAROMETER 87.3**

Carried out by TNS opinion (BRUSSELS), on request of the EUROPEAN COMMISSION, Directorate General Communication (COMM.A.1.: Strategic Communication), between May 20 and 30, 2017.

Archive pre-release, data set version 1.0.0 as of August 25, 2017

This dataset edition has not yet passed the complete archive processing and documentation, such as complete variable documentation for online data browsing and analysis in ZACAT (<http://zocat.gesis.org/>). Basic archival checks have been performed; technical variables, protocol variables and variable labels have been adapted to archive standards for the EUROBAROMETER series.

### Proposed citation

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### Survey instruments

For question wording, answer category text, interviewer instructions or question routing, please see the BASIC BILINGUAL QUESTIONNAIRE and the respective national field questionnaires. The basic questionnaire also includes a technical description of this EUROBAROMETER survey.

The national field questionnaires in the different language versions are available through the GESIS Eurobarometer web pages (STUDY PROFILES), the ZACAT online data catalogue, or the Eurobarometer study descriptions in the data holding catalogue (DBK), as soon as all embargos have been lifted, if applicable.

## Weighting information

In general the Standard and Special Eurobarometer datasets provide for two types of weighting, a post-stratification weighting and a population size weighting.

For each sample (country or lower level region) through the **post-stratification weighting** procedure a comparison is carried out between the sample composition and a proper universe description. The universe description is made available by the National Survey Research Institutes and/or by EUROSTAT. On this basis a national weighting procedure, using marginal and intercellular weighting, is applied. As such in all countries, minimum sex, age, region NUTS II (basic regions as defined by the EUROSTAT nomenclature of territorial units for statistics), and size of locality are introduced in the iteration procedure. This post-stratification weighting is also referred to as redressement or non-response weighting. A design weight which would adjust for unequal selection probabilities (depending on the household size) is not made available.

The **population size weighting** factor corrects for the fact that most samples are of almost identical size, no matter how large or small the populations are from which they were drawn. These weights ensure that each country as well as each lower level sample (Great Britain and Northern Ireland, East and West Germany) are represented in proportion to its population size within different country/sample groupings, or according to the historical states of European unification (e.g. founder members, new members, Euro zone) in the case of the EUROPEAN WEIGHTS, or within the whole country in the case of the United Kingdom (WEIGHT SPECIAL UNITED KINGDOM) and of Germany (WEIGHT SPECIAL GERMANY).

The **population size weights** all include the post-stratification weighting factors. The EUROPEAN WEIGHTS adjust each sample in proportion to its share in the total population aged 15 and over of the European Union (formerly European Community) or in accordance with its historical compositions. These adjustments are based on population figures published by EUROSTAT in the Regional Statistics Yearbook. Between Eurobarometer 33 and 54.1 adjustments to the predefined standard sample size is taken into account. In general all samples which do not belong to the respective group of countries/samples under consideration are excluded from calculation.

The application of post-stratification weights is **recommended for descriptive (univariate) analysis**. Meaningful descriptive results for groups of countries or for countries with separate samples (United Kingdom and Germany) require population size weighting. Official Eurobarometer reports are always based on weighted data.

The “overall” WEIGHT EXTRA extrapolates the actual universe (population aged 15 and over) for each country or sample. This weight variable integrates all other available weights, but does not reproduce the number of cases in the data set, but the respective actual population size.

The following weights are provided for Eurobarometer 87.3:

**W1** (WEIGHT RESULT FROM TARGET) reproduces the real number of cases for each country. British and Northern Irish as well as East and West German samples are weighted separately. This weight in its function corresponds to former NATION WEIGHT II (until EUROBAROMETER 31).

**W3** (WEIGHT GERMANY) adjusts the East and the West German samples to their respective proportions in the united Germany. All other samples are excluded. This weight should be used whenever the united Germany is to be analysed as a whole.

**W4** (WEIGHT UNITED KINGDOM) adjusts the British and the Northern Irish samples to their respective proportions in the United Kingdom and should be used whenever the United Kingdom is to be analysed as a whole. All other samples are excluded from analysis. This weight in its function partly corresponds to former NATION WEIGHT I (until EUROBAROMETER 31).

**W22** (WEIGHT EU27) includes all 25 member countries after the 2004 enlargement, and the new members as of 2007 Romania and Bulgaria; **W24** (WEIGHT EU NMS 12) refers to the group of the twelve new members as of 2004/2007, all other samples are excluded from calculation.

**W14** (WEIGHT EU25) refers to the EU member countries as of the 2004 enlargement; **W13** (WEIGHT EU NMS 10) to the group of the ten new members at times. In both cases all other samples are excluded from calculation.

**W11** (WEIGHT EU15) refers to the EU members after the 1995 enlargement. All other samples are excluded from calculation; **W10** (WEIGHT EU NMS 3) separates the three new members at times.

**W8** (WEIGHT EU12) excludes Austria, Sweden and Finland from the EU 15 group; **W9** (WEIGHT EU12+) includes East Germany; **W7** (WEIGHT EU10) in addition excludes Spain and Portugal (enlargement 1986); **W6** (WEIGHT EU9) also excludes Greece (enlargement 1981).

**W5** (WEIGHT EU6) refers to the six EC founder members: France, Belgium, the Netherlands, West Germany, Italy, and Luxembourg. All other samples are excluded from calculation.

**W95** (WEIGHT EU CC5) refers to the group of all candidate countries at the time of the fieldwork, i.e. Turkey, Macedonia, Montenegro and Serbia. In each case all other samples are excluded from calculation.

**W23** (EU28) refers to the EU 28 countries (EU27 plus Croatia; membership as of July 2013); **W94** (WEIGHT EU NMS 13) groups the 13 new member countries for the enlargement period 2004 to 2013.

**W97** (WEIGHT EU CC BALKANS) separates the group of Balkan Candidate Countries Macedonia, Montenegro, Serbia and Albania. In each case all other samples are excluded from calculation.

**W92** (WEIGHT TOTAL) refers to the total of all countries / samples as a whole, i.e. EU28 plus the five Candidate Countries (W100) and the Turkish Cypriot Community (Northern Cyprus).

**W100** (WEIGHT EU CC5) refers to the Candidate Countries as of March 2015, i.e. Turkey, Macedonia, Montenegro, Serbia and Albania, but now excluding Iceland. All other samples are excluded from calculation.

**W29** (WEIGHT EURO ZONE 15) separates the 15 countries which introduced the EURO as of 01/01/2002 (Belgium, Germany, Ireland, Spain, France, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland and Greece), 01/01/2007

(Slovenia) and 01/01/2008 (Cyprus, Malta); **W30** (WEIGHT NON EURO ZONE 15) refers to the rest of the EU 27 member countries which so far did not introduce the common currency, grouped as a whole. In each case all other samples are excluded from calculation.

**W81** (WEIGHT EURO ZONE 16) separates the 16 countries which introduced the EURO as of 01/01/2002 (Belgium, Germany, Ireland, Spain, France, Italy, Luxembourg, the Netherlands, Austria, Portugal, Finland and Greece), 01/01/2007 (Slovenia), 01/01/2008 (Cyprus, Malta) and 01/01/2009 (Slovakia); **W82** (WEIGHT NON EURO ZONE 16) refers to the rest of the EU 27 member countries which so far did not introduce the common currency, grouped as a whole. In each case all other samples are excluded from calculation.

**W89** (WEIGHT EURO ZONE 17) adds ESTONIA to the group of EURO zone countries as of January 2011. **W90** (WEIGHT NON EURO ZONE 17 EU27) refers to the group of EU27 countries which as of January 2011 did not introduce the common currency.

**W98** (WEIGHT EURO ZONE 18) adds LATVIA to the group of EURO zone countries as of January 2014. **W83** (WEIGHT NON-EURO ZONE 18 EU27) references the EU27 countries, **W99** (WEIGHT NON-EURO ZONE 18 EU28) the EU28 countries which as of January 2014 did not introduce the common currency. In each case all other samples are excluded from calculation. **W84** (WEIGHT NON EURO ZONE 18 NMS 12) refers to the non-EURO zone 18 countries among the 12 new members as of 2004/2007. In each case all other samples are excluded from calculation.

**W85** (WEIGHT EURO ZONE 19) adds LITHUANIA to the group of EURO zone countries as of January 2015. **W86** (WEIGHT NON-EURO ZONE 19 EU28) references the EU28 countries, which as of January 2015 did not introduce the common currency. **W87** refers to the EU 28 countries minus Great Britain.

**WEX** extrapolates the actual universe (population aged 15 or more) for each country (all samples), i.e. this weight variable integrates all other available weights, but does not reproduce the number of cases in the data set.

#### Remarks about this dataset version

- All question modules in the standard Eurobarometer context and largely replicating questions asked in the context of Eurobarometer 86.2 [ZA6788].
- Region NUTS 2 categories for PORTUGAL have been edited and adapted to changes as of 2002 (NUTS version 2003) which are reflected in Eurobarometer starting with wave 62 (confirmed by TNS). Region NUTS 1 categories for GREECE have been edited correcting for the non-coverage of Ionian and Aegean Islands starting with Eurobarometer 62 (confirmed by TNS).
- Extrapolated population figures as calculated by WEX differ slightly from the population 15+ figures for Turkey indicated in the technical specifications provided by TNS.
- SIZE OF COMMUNITY (p6mk) is not available for Macedonia.

- The end-of-fieldwork dates implied by the values in protocol variable p1 (date of interview) differ slightly from those indicated in the technical specifications provided by TNS for some countries.
- LANGUAGE OF INTERVIEW in Macedonia (p13mk) have been corrected according to plausibility consideration and checked against regions (p7mk) with Albanian resp. Macedonian speaking majorities.
- Please note that gen1 to gen6 are based on age instead of year of birth, which may entail a slightly inaccurate categorization for some respondents. Moreover, additional discrepancy in the categorization might be due to the potential use of 2016 as reference year instead of 2017.
- Please note that one respondent from the Turkish Cypriot Community (Northern Cyprus) gives substantial answers to qd8.4 (“IMPORTANT VALUES EU: INDIVIDUAL FREEDOM”) and qd8.8 (“IMPORTANT VALUES EU: SOLIDARITY”) and at the same time is coded 1 (“Mentioned”) in qd8.13 (“IMPORTANT VALUES EU: NONE (SPONT)”).
- No data are available for protocol items p8 (postal code), p9 (sample point number), p10 (interviewer number) and p11.
- Checks for duplicate case identification numbers and cases have been performed: No country specific TNS case id for DE-W, DE-E and GB-GBN and CY-TCC (variable “caseid” was coded blank = system missing). The dataset does include an original unique serial id across all countries (variable “serialid”) appointed by TNS. The dataset has been checked for duplicate cases on the base of 64 selected non-technical (substantial) variables without evidence for any duplicate.

**GESIS – Leibniz Institute for the Social Sciences  
Data Archive for the Social Sciences (DAS)**

**Cologne, Germany  
August 25, 2017**

Archive website: <http://www.gesis.org/eurobarometer/>

Archive contact: [eurobarometer-dataservice@gesis.org](mailto:eurobarometer-dataservice@gesis.org)

European Commission DG Communication:  
<http://ec.europa.eu/COMMFrontOffice/PublicOpinion>