Commission Implementing Regulation (EU) 2020/1013 of 20 July 2020 specifying the technical items of the data set, establishing the technical formats for transmission of information and specifying the detailed arrangements and content of the quality reports on the organisation of a sample survey in the use of information and communication technologies domain for reference year 2021 pursuant to Regulation (EU) 2019/1700 of the European Parliament and of the Council (Text with EEA relevance)

COMMISSION IMPLEMENTING REGULATION (EU) 2020/1013

of 20 July 2020

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(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) 2019/1700 of the European Parliament and of the Council of 10 October 2019 establishing a common framework for European statistics relating to persons and households, based on data at individual level collected from samples, amending Regulations (EC) No 808/2004, (EC) No 452/2008 and (EC) No 1338/2008 of the European Parliament and of the Council, and repealing Regulation (EC) No 1177/2003 of the European Parliament and of the Council and Council Regulation (EC) No 577/98[(1)], and in particular Article 7(1), Article 8(3) and Article 13(6) thereof,

Whereas:

(1) In order to ensure the accurate implementation of the sample survey in the use of information and communication technologies domain, the Commission should specify the technical items of the data set, which are the description of the variables, the precise characteristics of the statistical populations, the observations units and the rules for respondents.

(2) To facilitate the transmission of information from the Member States to the Commission (Eurostat), the technical formats covering concepts, processes, including data and metadata, shall be put in place for the transmission of information.

(3) For the purpose of assessing the quality of statistics to be transmitted for the domain use of information and communication technologies, the detailed arrangements for the quality reports shall be specified.

(4) The Member States and the Union institutions should use for the categories of the characteristics listed in the Annex of this Regulation, whenever appropriate,

Changes to legislation: *There are currently no known outstanding effects for the Commission Implementing Regulation (EU) 2020/1013. (See end of Document for details)*

the statistical classifications for the territorial units, education, occupation and economic sector that are compatible with the NUTS[(2)], ISCED[(3)], ISCO[(4)] and NACE[(5)] classifications.

(5) The measures provided for in this Regulation are in accordance with the opinion of the European Statistical System Committee,

HAS ADOPTED THIS REGULATION:

Article 1

Subject matter

This Regulation specifies the technical items of the data set, establishes the technical formats for the transmission of information from Member States to the Commission (Eurostat) and specifies the detailed arrangements for transmission and content of the quality reports in the use of information and communication technologies domain.

Article 2

Definitions

For the purposes of this Regulation, the following definitions shall apply:

(1) ‘fieldwork period’ means the period of time during which the data collection from respondents is conducted;

(2) ‘reference period’ means the period of time to which a particular item of information relates.

Article 3

Description of variables

The technical characteristics of variables shall be those laid down in the Annex and refer to:

(a) variable identifier;

(b) variable name and description;

(c) codes and labels;

(d) filter;

(e) variable type.

Article 4

Characteristics of target populations, observation units and rules for respondents

1 The target populations in the use of information and communication technologies domain shall be private households in the territory of the Member State and individuals who

have their usual residence, as defined according to Article 2(11) of Regulation (EU) 2019/1700, in the territory of the Member State.

2 For the variables that concern the households listed in the Annex, information shall be collected for private households with at least one member aged 16 to 74 residing in the territory of the Member State.

3 For the variables that concern the individuals listed in the Annex, information shall be collected for individuals aged 16 to 74 residing in the territory of the Member State.

4 Information may be provided on optional basis for individuals aged under 16 or over 74.

5 The data collection for the use of information and communication technologies domain shall be carried out for a sample of private households or a sample of persons belonging to private households as observation units.

Article 5

Reference periods and date

1 The reference period for collecting statistics on the detailed topic ‘interaction with public authorities’ comprises the three last quarters of 2020 and the first quarter of 2021.

2 For all other detailed topics, under the topic ‘information society participation’, the reference period is the first quarter of 2021.

3 The reference date shall be defined as the time of the first interview (DD/MM/YYYY).

Article 6

Data gathering period

For data directly provided by respondents, the fieldwork period shall be the second quarter of 2021.

Article 7

Common standards for data editing, imputation and estimation

1 Imputation, modelling or weighting shall be applied to the data where information is missing, invalid or inconsistent.

2 The procedure applied to the data shall preserve the variation and the correlation between variables. Methods that incorporate ‘error components’ into the imputed values shall be preferable to those that simply impute a predicted value.

3 Methods which take into account the structure or other characteristics of the joint distribution of the variables shall be preferable to the marginal or univariate approach.

Article 8

Deadline and standards for transmitting information

1 Member States shall transmit the final data to the Commission (Eurostat) by 5 October 2021. The data shall be transmitted in the form of microdata files (including appropriate weights). The data must have been fully checked and validated, using the statistical data and metadata exchange standard through the single entry point to allow the Commission (Eurostat) to retrieve the data by electronic means. That data shall comply with the validation rules in accordance with the specification of variables based on the coding and filters as described in the Annex.

2 Member States shall provide the metadata to the Commission (Eurostat) in the standard metadata structure defined by the Commission (Eurostat) within 3 months of the deadline for transmitting the microdata. The metadata shall be provided through the single entry point to allow the Commission (Eurostat) to retrieve the data by electronic means.

Article 9

Detailed arrangements and content of quality reports

1 Member States shall transmit to the Commission (Eurostat) an annual quality report on the use of information and communication technologies domain.

2 The annual quality report shall contain quality-related data and metadata, information on the accuracy and reliability of the survey and describe changes in basic concepts and definitions that affect the comparability over time and across countries. The quality report shall also include information on the compliance with the model questionnaire and on changes in questionnaire design that affect the comparability over time and across countries.

3 The annual quality report shall be transmitted to the Commission (Eurostat) within 3 months of the deadline for transmitting the microdata.

4 The quality report shall be provided through the single entry point to allow the Commission (Eurostat) to retrieve the data by electronic means.

Article 10

Entry into force

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 20 July 2020.

For the Commission

The President

Ursula VON DER LEYEN