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PROPOSAL

From:	Secretary-General of the European Commission, signed by Mr Jordi AYET PUIGARNAU, Director
date of receipt:	24 August 2016
To:	Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of the European Union
No. Cion doc.:	COM(2016) 551 final ANNEXES 1 to 5
Subject:	ANNEXES to the Proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL establishing a common framework for European statistics relating to persons and households, based on data at individual level collected by samples

Delegations will find attached document COM(2016) 551 final ANNEXES 1 to 5.

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Encl.: COM(2016) 551 final ANNEXES 1 to 5

Brussels, 24.8.2016
COM(2016) 551 final

ANNEXES 1 to 5

ANNEXES

to the

Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

**establishing a common framework for European statistics relating to persons and
households, based on data at individual level collected by samples**

{SWD(2016) 282 final}
{SWD(2016) 283 final}

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Annex I

Topics to be covered

Domain	Topic	Detailed topics
For all domains	Technical items	Data collection information
		Identification
		Weights
		Interview characteristics
		Localisation
	Person and household characteristics	Demography
		Citizenship and migrant background
		Household composition
	Labour market participation	Main activity status (self-defined)
		Elementary job characteristics
	Educational attainment and background	Educational attainment level
Labour market	Person and household characteristics	Household composition - details
		Duration of stay in the country
	Labour market participation	Employment status
		Duration of contract
		Duration of contract – secondary information
		Full- or part-time status - reason
		Dependent self-employment
		Supervisory responsibilities
		Establishment size
		Workplace
		Working at home
		Search for work
		Willingness to work
		Availability
		Second job
		Search for another job
		Reconciliation between work and family life
		Young people on the labour market
		Labour market situation of migrants and their immediate descendants
		Transition into retirement
		Care needs
	Job tenure and previous work experience	Start of job
		Way job found
		Previous work experience
	Working conditions including working hours and working time arrangements	Working hours
		Working time arrangements
		Work organisation and working time arrangements

	Educational attainment and background	Educational attainment - details
	Participation in education and training	Participation in formal and non-formal education and training (4 weeks)
		Participation in formal and non-formal education and training (12 months)
	Health: status and disability, care and determinants	Accidents at work and other work-related health problems
		Minimum European Health Module
	Income, consumption and wealth, including debts	Income from work
Income and living conditions	Person and household characteristics	Household composition - details
		Duration of stay in the country
	Participation in education and training	Participation in formal education activities (current)
	Educational attainment and background	Educational attainment - details
	Labour market participation	Characteristics of the workplace
		Duration of contract
		Employment status
		Detailed labour market situation
		Supervisory responsibilities
	Job tenure and previous work experience	Previous work experience
	Working conditions including working hours and working time arrangements	Calendar of activities
		Working hours
	Health: status and disability, care and determinants	Minimum European Health Module
		Health status and disability
		Children health
		Access to health care
		Health care
		Access to health care (children)
		Health determinants
	Quality of life, including social and cultural participation and wellbeing	Quality of life
		Social and cultural participation
		Well-being
	Living conditions, including material deprivation, housing, living environment, access to services	Material deprivation
		Child deprivation
		Main housing characteristics
		Housing conditions details, incl. deprivation
		Housing costs including imputed rent
		Living environment
		Use of services, including care services
		Affordability
		Unmet needs and reasons
		Childcare

	Income, consumption and wealth, including debts	Income from work
		Income from allowances
		Income from pensions
		Other incomes
		Taxes and contributions
		Total income
		Over-indebtedness
		Arrears
		Wealth
		Main consumption components
		Intergenerational transmission of disadvantages
Health	Health: status and disability, care and determinants	Minimum European Health Module
		Diseases and chronic conditions
		Accidents and injuries
		Pain
		Mental health
		Functional limitations
		Difficulties in personal care activities
		Difficulties in household activities
		Temporary limitation in activity (due to health problems)
		Barriers to participation in specific life domains
		Use of health and long-term care
		Medicine use
		Preventive care
		Access to health care
		Height and weight
		Physical activity
		Nutritional habits
		Smoking
		Alcohol consumption
		Social and environmental factors
	Income, consumption and wealth, including debts	Total income
Education and training	Person and household characteristics	Duration of stay in the country
	Job tenure and previous work experience	Start of job
	Labour market participation	Establishment size
	Educational attainment and background	Educational attainment - details
		Educational background
		Self-reported skills
	Participation in education and training	Access to information on learning possibilities and guidance (12 months)
		Participation in formal education activities (12

		months)
		Most recent formal education activity - details (12 months)
		Use of ICT in most recent formal education (12 months)
		Reasons for participating in most recent formal education (12 months)
		Payment and hours of most recent formal education (12 months)
		Outcomes and use of skills from most recent formal education (12 months)
		Participation in non-formal education activities (12 months)
		Non-formal education activities - details (12 months)
		Use of ICT in non-formal education activities (12 months)
		Reasons for participating in non-formal education activities (12 months)
		Payment and hours of non-formal education activities (12 months)
		Outcomes and use of skills from non-formal education activities (12 months)
		Obstacles to participation in education and training (12 months)
		Informal learning
	Income, consumption and wealth, including debts	Total income
Use of information and communication technologies	Information society participation	Access to ICT
		Use and frequency of use of ICT
		Barriers and problems to use
		Effect of use
		Security, privacy, trust
		Connection to the internet from anywhere
		Digital Skills
		Internet activities
		e-Commerce
		Interaction with public authorities
	Income, consumption and wealth, including debts	Total income
Time use	Person and household characteristics	Household composition - details
	Participation in education and training	Participation in formal education activities (current)
	Health: status and disability, care and determinants	Minimum European Health Module
	Living conditions, including material deprivation, housing, living environment, access to services	Possession of durable goods
		Childcare
		Care for sick and elderly
	Working conditions including	Working hours

	working hours and working time arrangements	Working time arrangements
	Income, consumption and wealth, including debts	Production for self-consumption and sell, reparations
		Income from work
		Total income
	Allocation of time	Time use, types of activities
		Parallel activities
		Place of activity
		Presence of others during the activity
		Assessment of activity
Consumption	Person and household characteristics	Household composition - details
	Living conditions, including material deprivation, housing, living environment, access to services	Main housing characteristics
	Participation in education and training	Participation in formal education activities (current)
	Labour market participation	Duration of contract
	Income, consumption and wealth, including debts	Total income
		Taxes and contributions
		Income in kind from non-salaried activities
		Imputed rent
		Main source of income
		Wealth
		Debts
		Arrears
		Consumption by COICOP
		Cross border consumption expenditures by COICOP
		Own consumption

Precision requirements

1. Precision requirements for all data sets are expressed in standard errors and are defined as continuous functions of the actual estimates and of the size of the statistical population in a country or in a NUTS 2 region.

2. The estimated standard error of a particular estimate $\widehat{SE}(\hat{p})$ shall not be bigger than the following amount:

$$\sqrt{\frac{\hat{p}(1-\hat{p})}{f(N)}}$$

3. The function $f(N)$ shall have the form of $f(N)=a\sqrt{N}+b$

4. The following values for parameters N, a and b shall be used.

$\hat{p}$	N	a	b
Labour market domain: precision requirements			
Estimated (national) quarterly unemployment-to-population 15-74 ratio	Country population aged 15-74 residing in private households, in million persons and rounded to 3 decimal digits	7800	-4500
Estimated (national) quarterly employment-to-population 15-74 ratio	Country population aged 15-74 residing in private households, in million persons and rounded to 3 decimal digits	7800	-4500
Estimated quarterly unemployment-to-population 15-74 ratio in each NUTS 2 region	Population aged 15-74 in the NUTS 2 region residing in private households, in million persons and rounded to 3 decimal digits	See paragraph 6	
Income and living conditions domain			
Ratio at-risk-of-poverty or social exclusion to population	Number of private households in the country in millions and rounded to 3 decimal digits	900	2600
Ratio of at-persistent-risk-of-poverty over four years to population	Number of private households in the country in millions and rounded to 3 decimal digits	350	1000
Ratio at-risk-of-poverty or social exclusion to population in each NUTS 2 region (see paragraph 7)	Number of private households in the NUTS 2 region in millions and rounded to 3 decimal digits	600	0
Health domain			
Percentage of population severely limited in usual activities because of health problems (age 15 years or over)	Country population aged 15 years or over residing in private households, in million persons and rounded to 3 decimal digits	1200	2800

Education and Training domain			
Participation rate in formal education and training (age 18-24)	Country population aged 18-24 residing in private households, in million persons and rounded to 3 decimal digits	200	1500
Participation rate in non-formal education and training (age 25-69)	Country population aged 25-69 residing in private households, in million persons and rounded to 3 decimal digits	400	2000
Use of information and communication technology domain			
Percentage of individuals who ordered goods or services over the Internet for private use in the last year	Country population aged 16-74 residing in private households, in million persons and rounded to 3 decimal digits	400	1300
Time use domain			
Percentage of population aged 15 and over spending daily on average more than 10% of time working in paid work	Country population aged 15 years or over residing in private households, in million persons and rounded to 3 decimal digits	900	3500
Consumption domain			
Percentage of households whose expenditure on housing-related categories including water, electricity, gas and other fuels, are more than 50% of the total expenditure (See paragraph 8)	Number of private households in the country, in millions and rounded to 3 decimal digits	900	2600

5. Should countries obtain negative $f(N)$ values with the parameters expressed above, they will be exempted from the corresponding requirement.

6. For the estimated unemployment-to-population 15-74 ratio in each NUTS 2 region, the function $f(N)$ is defined as follows:

$$f(N_{r,15\text{-}74}) = \begin{cases} 1300, & \text{if } N_{r,15\text{-}74} \geq 0.300 \text{ million inhabitants} \\ \frac{1300}{0.3} N_{r,\,15\text{-}74}, & \text{if } N_{r,15\text{-}74} < 0.300 \text{ million inhabitants} \end{cases}$$

7. For the estimated ratio at-risk-of-poverty or social exclusion to population in each NUTS 2 region, these requirements are not compulsory for NUTS 2 regions with less than 0.500 million inhabitants, provided that the corresponding NUTS 1 region complies with this requirement.

8. For the consumption domain, the precision requirements may be reached by combining microdata concerning a maximum of three successive years of observations.

Annex III

Sample characteristics

1.   Sample characteristics of the Labour Market domain shall include:

        (a)   The national sample for the reference quarter (aggregation of consecutive reference weeks) shall be distributed uniformly in all the weeks of the quarter. The sample for the reference quarter (in each NUTS 2 region) shall be distributed in the 3 months proportionally to the number of weeks in each month

        (b)   The sample shall have an infra-annual rotation pattern. There must be a minimum sample overlap of 20% between the same quarters in consecutive years and of 50% between consecutive quarters without taking into account attrition.

        Without prejudice to Article 5(1), data shall be provided for the full sample.

2.   Sample characteristics of the Income and Living Conditions domain shall include:

        (a)   The sample shall have a minimum six-year rotation scheme.

        (b)   Without taking into account attrition, the sample shall be equally distributed over the years of the rotation scheme, except during the period of changes of the sample size.

3.   Sample characteristics of the time use domain shall include: the reporting periods allocated to the sample units shall

        (a)   be distributed over a consecutive twelve-month period,

        (b)   include non-working days,

        (c)   be based on a random sample.

4.   Sample characteristics of consumption domain shall include: the reporting periods allocated to the sampled units shall be distributed over a consecutive twelve-month period.

Annex IV

Periodicity

1. For the Labour Market domain, the data sets shall consist of information collected quarterly, annually, biennially and every 8 years. Data on variables relating to ad-hoc subjects shall be collected every four years.

2. For the Income and Living Conditions domain, the data sets shall consist of annual, triennial and sexennial information. Data on variables collected relating to ad-hoc subjects shall be collected every two years.

3. For the Health domain, the data shall be collected every 6 years.

4. For the Education and Training domain, the data shall be collected every 6 years

5. For the Use of Information and Communication Technologies domain, the data shall be collected annually.

6. For the Time Use domain, the data shall be collected every 10 years.

7. For the Consumption domain, the data shall be collected every 5 years.

Annex V
Data transmission deadlines

Member States shall transmit the required data to the Commission (Eurostat) according to the following deadlines at the latest.

1.   For the Labour Market domain, the Member States shall transmit :

(1)   Pre-checked microdata without direct identifiers, according to the following two-step procedure:

(a)   During the first three years of implementation of this regulation, as provided for in article 10(4):

–   For quarterly data: transmission within ten weeks of the end of the reference period,

–   For other data: transmission by 31 March of the next year.

(b)   From the fourth year of implementation and onwards, the transmission shall be as follows:

–   For quarterly data: transmission of data for quarters 1, 2 and 3 respectively by 29 May, 29 August and 29 November of the same year and of data for quarter 4 by 28 February of the next year,

–   For other data: transmission by 15 March of the next year.

In years when those deadlines fall on a Saturday or Sunday, the effective deadline shall be the following Monday.

Where administrative data are used to supply data corresponding to the detailed topic 'income from work', that data may be transmitted to the Commission (Eurostat) within twenty-one months of the end of the reference period.

(2)   Aggregated results for the compilation of monthly unemployment statistics within 25 days after the reference month. Member States may not cover the last week of the reference month when it spills over in to next month.

2.   For Income and Living Conditions domain, the Member States shall transmit pre-checked microdata without direct identifiers, according to the following deadlines:

(a)   concerning the variables for the data collection of year N, by the end of the year N. In exceptional cases, when the required administrative data are not available on time, provisional microdata concerning income may be transmitted by the end of the year N, and the final data by 28 February of the year N+1,

(b) concerning the variables related to the six years of the rotation scheme ending in year N, by 31 October of the year N+1.

3. For the Health domain, the Member States shall transmit the pre-checked microdata within nine months after the end of the national period for collecting the data .

4. For the Education and training domain, the Member States shall transmit the pre-checked microdata within six months after the end of the national period for collecting the data.

5. For the Use of Information and Communication Technologies domain, the Member States shall transmit pre-checked microdata by 5 October of the survey year N.

6. For the Time Use domain, the Member States shall transmit the pre-checked microdata by at the latest fifteen months after the fieldwork is finished.

7. For the Consumption domain, the Member States shall transmit the pre-checked microdata within fifteen months after the end of the reference year.