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PROPOSAL

From: Secretary-General of the European Commission,
signed by Mr Jordi AYET PUIGARNAU, Director

date of receipt: 9 December 2016

To: Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of
the European Union

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Subject: ANNEXES to the Proposal for a REGULATION OF THE EUROPEAN
PARLIAMENT AND OF THE COUNCIL on integrated farm statistics and
repealing Regulations (EC) No 1166/2008 and (EU) No 1337/2011

Delegations will find attached document COM(2016) 786 final - ANNEXES 1-5.

Encl.: COM(2016) 786 final - ANNEXES 1-5



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ANNEXES 1 to 5

ANNEXES

to the Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

**on integrated farm statistics and repealing Regulations (EC) No 1166/2008 and (EU) No
1337/2011**

{SWD(2016) 429 final}

{SWD(2016) 430 final}

ANNEXES

to the Proposal for a

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

on integrated farm statistics and repealing Regulations (EC) No 1166/2008 and (EU) No 1337/2011

ANNEX I - Livestock unit coefficients

<i>Type of animal</i>	<i>Characteristic of animal</i>	<i>Coefficient</i>
Bovine animals	Less than 1 year old	0.400
	1 to less than 2 years old	0.700
	Male, 2 years old and over	1.000
	Heifers, 2 years old and over	0.800
	Dairy cows	1.000
	Non-dairy cows	0.800
Sheep and goats		0.100
Pigs	Piglets, live weight of under 20 kg	0.027
	Breeding sows, live weight 50 kg and over	0.500
	Other pigs	0.300
Poultry	Broilers	0.007
	Laying hens	0.014
	Other poultry	
	Turkeys	0.030
	Ducks	0.010
	Geese	0.020
	Ostriches	0.350
	Other poultry fowls n.e.c.	0.001
Rabbits, breeding females		0.020

Annex II – List of the physical thresholds¹

<i>Item</i>	<i>Threshold</i>
Utilised agricultural area	5 ha
Arable land	2 ha
Potatoes	0.5 ha
Fresh vegetables and strawberries	0.5 ha
Aromatic, medicinal and culinary plants, flowers and ornamental plants, seeds and seedlings, nurseries	0.2 ha
Fruit trees, berries, nut trees, citrus fruit trees, other permanent crops excluding nurseries, vineyards and olive trees	0.3 ha
Vineyards	0.1 ha
Olive trees	0.3 ha
Greenhouses	100 m ²
Cultivated mushrooms	100 m ²
Livestock	1.5 livestock units

¹ The thresholds are applicable to the group of items as listed.

Annex III – Core data: Information to be provided

<i>General characteristics</i>		<i>Units/Categories</i>
Survey information		
-	Agricultural holding identifier	holding ID
Location of the holding		
-	Geographical location	Inspire 1 km Equal Area grid cell code
-	NUTS 3 region	NUTS 3 code
-	The holding has areas designated as facing natural constraints under Regulation No 1305/2013.	L/M/O/N ²
Legal personality of the holding		
-	Legal and economic responsibility of the holding is assumed by a:	
-	Natural person who is sole holder, where the holding is independent	yes/no
-	- If yes, is the holder also the manager	yes/no
-	- If no, is the manager a member of the holder's family?	yes/no
-	- If yes, is the manager the spouse of the holder?	yes/no
-	One or more natural persons who is/are a partner, where the holding is a holding-group	yes/no
-	Legal person	yes/no
-	The holding is a common land unit	yes/no
The holder is a beneficiary of EU support for land or animals on the holding and thus included in IACS		yes/no
Manager of the holding		
-	Year of birth	year
-	Sex	male/female
-	Farm work on the holding (apart from household work)	AWU bands ³
-	Agricultural training of manager	training codes
-	Vocational training undertaken during the last 12 months	yes/no
Type of tenure of the utilised agricultural area (in relation to the holder)		
-	Farming on own land	ha
-	Farming on rented land	ha
-	Share farming or other tenure modes	ha
-	Common land	ha
Organic farming		
-	Total utilised agricultural area of the holding on which organic farming production methods are applied and certified according	ha

² L - Areas other than mountain areas facing significant natural constraints; M- less-favoured mountainous area; O - Other areas affected by specific constraints; N- normal area (non-LFA) This classification may be adapted in the future in the light of developments on CAP.

³ Annual Work Unit (AWU) percentage band 2: (> 0-< 25), (≥ 25-< 50), (≥ 50-< 75), (≥ 75-< 100), (100)

General characteristics		Units/Categories
	to national or European Union rules	
-	Total utilised agricultural area of the holding that is under conversion to organic production methods to be certified according to national or European Union rules	ha
Participation in other environmental certification schemes		yes/no
Importance of other gainful activities directly related to the holding		
-	Percentage of the final economic output of the holding	% bands ⁴

⁴ Percentage bands: ($\geq 0 \leq 10$), ($> 10 \leq 50$), ($> 50 < 100$)

<i>Land characteristics</i>				<i>Total main area</i>	<i>of which organic farming certified and/or under conversion</i>
Utilised agricultural area (UAA)				ha	ha
-	Arable land			ha	ha
-	-	Cereals for the production of grain (including seed)		ha	ha
-	-	-	Common wheat and spelt	ha	
-	-	-	Durum wheat	ha	
-	-	-	Rye and winter cereal mixtures (maslin)	ha	
-	-	-	Barley	ha	
-	-	-	Oats and spring cereal mixtures (mixed grain other than maslin)	ha	
-	-	-	Grain maize and corn-cob mix	ha	
-	-	-	Triticale	ha	
-	-	-	Sorghum	ha	
-	-	-	Other cereals n.e.c. (buckwheat, millet, canary seed, etc.)	ha	
-	-	-	Rice	ha	
-	-	Dry pulses and protein crops for the production of grain (including seed and mixtures of cereals and pulses)		ha	ha
-	-	-	Field peas, beans and sweet lupins	ha	
-	-	Root crops		ha	ha
-	-	-	Potatoes (including seed potatoes)	ha	ha
-	-	-	Sugar beet (excluding seed)	ha	ha
-	-	-	Other root crops n.e.c.	ha	
-	-	Industrial crops		ha	ha
-	-	-	Oilseeds	ha	ha
-	-	-	- Rape and turnip rape seeds	ha	
-	-	-	- Sunflower seed	ha	
-	-	-	- Soya	ha	
-	-	-	- Linseed (oilflax)	ha	
-	-	-	- Other oilseed crops n.e.c.	ha	
-	-	-	Fibre crops	ha	
-	-	-	- Fibre flax	ha	
-	-	-	- Hemp	ha	
-	-	-	- Cotton	ha	
-	-	-	- Other fibre crops n.e.c.	ha	
-	-	-	Tobacco	ha	
-	-	-	Hops	ha	
-	-	-	Aromatic, medicinal and culinary plants	ha	
-	-	-	Energy crops n.e.c.	ha	

<i>Land characteristics</i>				<i>Total main area</i>	<i>of which organic farming certified and/or under conversion</i>
-	-	-	Other industrial crops n.e.c.	ha	
-	-		Plants harvested green from arable land	ha	ha
-	-	-	Temporary grasses and grazings	ha	ha
-	-	-	Leguminous plants harvested green	ha	
-	-	-	Green maize	ha	
-	-	-	Other cereals harvested green (excluding green maize)	ha	
-	-	-	Other plants harvested green from arable land n.e.c.	ha	
-	-		Fresh vegetables (including melons) and strawberries	ha	ha
-	-	-	Fresh vegetables (including melons) and strawberries grown in rotation with horticultural crops (market gardening)	ha	
-	-	-	Fresh vegetables (including melons) and strawberries grown in rotation with non-horticultural crops (open field)	ha	
-	-		Flowers and ornamental plants (excluding nurseries)	ha	
-	-		Seeds and seedlings	ha	ha
-	-		Other arable land crops n.e.c.	ha	
-	-		Fallow land	ha	
-	Permanent grassland			ha	ha
-	-		Pasture and meadow, excluding rough grazings	ha	ha
-	-		Rough grazings	ha	ha
-	-		Permanent grassland no longer used for production purposes and eligible for the payment of subsidies	ha	
-	Permanent crops (including young and temporarily abandoned plantations, excluding areas producing for own consumption only)			ha	ha
-	-		Fruits, berries and nuts (excluding citrus fruits, grapes and strawberries)	ha	ha
-	-	-	Pome fruits	ha	
-	-	-	Stone fruits	ha	
-	-	-	Fruits from subtropical and tropical climate zones	ha	
-	-	-	Berries (excluding strawberries)	ha	
-	-	-	Nuts	ha	
-	-		Citrus fruits	ha	ha
-	-		Grapes	ha	
-	-	-	Grapes for wines	ha	ha
-	-	-	Grapes for wines with protected designation of origin (PDO)	ha	
-	-	-	Grapes for wines with protected geographical indication (PGI)	ha	
-	-	-	Grapes for other wines n.e.c. (without PDO/PGI)	ha	

<i>Land characteristics</i>				<i>Total main area</i>	<i>of which organic farming certified and/or under conversion</i>
-	-	-	Grapes for table use	ha	
-	-	-	Grapes for raisins	ha	
-	-		Olives	ha	ha
-	-		Nurseries	ha	
-	-		Other permanent crops including other permanent crops for human consumption	ha	
-	-	-	Christmas trees	ha	
-	Kitchen gardens			ha	
Other farmland				ha	
-	Unutilised agricultural land			ha	
-	Wooded area			ha	
-	-		Short rotation coppices	ha	
-	Other land (land occupied by buildings, farmyards, tracks, ponds and other non-productive areas)			ha	
Special holding areas					
-	Cultivated mushrooms			ha	
Utilised agricultural area under glass or high accessible cover (already included in the total main areas above)				ha	
-	Vegetables, including melons and strawberries under glass or high accessible cover			ha	ha
-	Flowers and ornamental plants (excluding nurseries) under glass or high accessible cover			ha	
-	Other arable land crops under glass or high accessible cover				
-	Permanent crops under glass or high accessible cover			ha	
-	Other UAA under glass or high accessible cover n.e.c.			ha	
Irrigation on cultivated outdoor area					
-	Total irrigable area			ha	

<i>Livestock characteristics</i>				<i>Total number of animals</i>	<i>of which organic farming certified and/or under conversion</i>
Bovine animals					head
-	Bovine animals less than one year			head	
-	Bovine animals, 1 to less than 2 years			head	
-	-		Male bovine animals, 1 to less than 2 years	head	
-	-		Heifers, 1 to less than 2 years	head	
-	Male bovine animals two years old and over			head	

<i>Livestock characteristics</i>				<i>Total number of animals</i>	<i>of which organic farming certified and/or under conversion</i>
-		Female bovine 2 years and over		head	
-	-	Heifers two years old and over		head	
-	-	Cows		head	
-	-	-	Dairy cows	head	
-	-	-	Non-dairy cows	head	
Sheep and goats					head
-		Sheep (all ages)		head	
-	-	Breeding females		head	
-	-	Other sheep		head	
-		Goats (all ages)		head	
-	-	Breeding females		head	
-	-	Other goats		head	
Pigs					head
-		Piglets, live weight of under 20 kg		head	
-		Breeding sows, live weight 50 kg and over		head	
-		Other pigs		head	
Poultry					head
-		Broilers		head	
-		Laying hens		head	
-	-	Laying hens producing egg for consumption		head	
-	-	Other laying hens		head	
-		Other poultry		head	
-	-	Turkeys		head	
-	-	Ducks		head	
-	-	Geese		head	
-	-	Ostriches		head	
-	-	Other poultry fowls n.e.c.		head	
Rabbits					
-		Breeding females		head	
Bees				hives	
Deer				yes/no	
Fur animals				yes/no	
Livestock n.e.c.				yes/no	

Annex IV – Topics and detailed topics within the module data

<i>Module</i>	<i>Topic</i>	<i>Detailed topic</i>
Labour force and other gainful activities	Sustainability of farm management	Age of the holder
	Other gainful activities	Labour input in other gainful activities, directly related to the farm activity, as main or secondary activity
		Importance of other gainful activities directly related to the holding
		Other gainful activities
	Profitability and efficiency of agricultural production	Farm labour force
	Gender equity	Sex of the holder
		Gender balance of labour force
	Dependency on agricultural income	Other gainful activity, non-farm work outside the holding, main or subsidiary:
		Holder
		Manager
		Family labour force
	Impact on employment	Number of persons employed
	Link with agricultural labour input	Paid labour force
	Labour input measurements	Number of persons employed
		Non-regular labour force employed by the farm
		Labour input by contractors

<i>Module</i>	<i>Topic</i>	<i>Detailed topic</i>
Rural development	Holdings supported by Rural development measures	Advisory, farm management and farm relief services
		Farm and business development
		Quality schemes for agricultural products and foodstuffs
		Investments in physical assets
		Restoring agriculture production potential damaged by natural disasters and catastrophic events and introduction of appropriate prevention actions
		Investments in forest area development and improvement of the viability forests
		Agri-environment payments climate
		Organic farming
		Payments link to Natura 2000 and the water framework directive
		Payments to areas facing natural or other specific constraints
		Animal welfare
		Risk management

<i>Module</i>	<i>Topic</i>	<i>Detailed topic</i>
Animal housing and manure management	Animal housing	Bovine housing
		Pig housing
		Laying hen housing.
	Nutrient use and manure production on the farm	UAA fertilised
		Manure available for use
		Organic and waste based fertilizers other than manure
	Manure application techniques	Type of spread
		Incorporation time
	Facilities for manure	Manure treatment facilities
		Manure storage facilities

<i>Module</i>	<i>Topic</i>	<i>Detailed topic</i>
Irrigation	Irrigation practices	Availability of irrigation
		Irrigation methods
		Sources of irrigation water
		Technical parameters of the irrigation equipment
	Crops irrigated during a 12 months period	Cereals for the production of grain
		Dry pulses and protein crops for the production of grain
		Root crops
		Industrial crops
		Plants harvested green from arable land
		Other arable land crops
		Permanent grassland
Permanent crops		

<i>Module</i>	<i>Topic</i>	<i>Detailed topic</i>
Soil Management practices	Soil Management practices on outdoor land	Tillage methods
		Soil cover on arable land
		Crop rotation on arable land
		Ecological focus area

<i>Module</i>	<i>Topic</i>	<i>Detailed topic</i>
Machinery and equipment	Machinery	Internet facilities
		Basic machinery
		Use of precision farming
		Machinery for livestock management
		Storage for agricultural products
	Equipment	Equipment used for production of renewable energy on agricultural holdings

<i>Module</i>	<i>Topic</i>	<i>Detailed topic</i>
Orchard	Pome fruits	Apples: Area by age of plantations and density of trees
		Pears: Area by age of plantations and density of trees
	Stone fruits	Peaches: Area by age of plantations and density of trees
		Nectarines: Area by age of plantations and density of trees
		Apricots: Area by age of plantations and density of trees
	Citrus fruits	Oranges: Area by age of plantations and density of trees
		Small citrus fruit: Area by age of plantations and density of trees
		Lemons: Area by age of plantations and density of trees
	Olives	Area by age of plantations and density of trees
	Grapes for table use and raisins	Grapes for table use: Area by age of plantations and density of vines
		Grapes for raisins: Area by age of plantations and density of vines

<i>Module</i>	<i>Topic</i>	<i>Detailed topic</i>
Vineyard	Grapes for wine	Area and age
	Grape varieties	Number of varieties
		Code and area

Annex V – Precision requirements

The core data (in 2023 and 2026) and the module data shall be statistically representative for the relevant populations of agricultural holdings as defined in the precision table below at the level of NUTS 2 regions in terms of the size and the type of the agricultural holdings, in accordance with Council Regulation (EC) No 1217/2009⁵, Commission Delegated Regulation (EU) No 1198/2014 and Commission Implementing Regulation (EU) 2015/220⁶.

The precision requirements apply to the characteristics in the table below.

The data in the frame extension in 2020 shall be statistically representative for the relevant population at the level of NUTS 2 regions as defined in the precision table below.

In addition, the precision requirements defined in the table apply to all NUTS 2 regions with at least:

- 5 000 holdings in the relevant population for the "Orchard" and "Vineyard" modules;
- 10 000 holdings in the relevant population for the core data, for all other modules and for the data in the frame extension.

For NUTS 2 regions with fewer holdings the precision requirements defined in the table apply to the associated NUTS 1 regions with at least:

- 500 holdings in the relevant population for the "Orchard" and "Vineyard" modules;
- 1 000 holdings in the relevant population for core data, all other modules and the data in the frame extension.

A national precision of maximum 5% relative standard error is required for those characteristics of the "Orchard" and "Vineyard" modules with no applicable precision requirement for any NUTS 2 and NUTS 1 regions.

A national precision of maximum 7,5% relative standard error is required for all characteristics of the other modules with no applicable precision requirement for any NUTS 2 and NUTS 1 regions for any characteristic.

⁵ Council Regulation (EC) No 1217/2009 of 30 November 2009 setting up a network for the collection of accountancy data on the incomes and business operation of agricultural holdings in the European Community (OJ L 328, 15.12.2009, p. 27).

⁶ Commission Implementing Regulation (EU) 2015/220 of 3 February 2015 laying down rules for the application of Council Regulation (EC) No 1217/2009 setting up a network for the collection of accountancy data on the incomes and business operation of agricultural holdings in the European Union (OJ L 46, 19.02.2015, p. 1).

Precision table

Relevant population	Characteristics for which precision requirements apply	Prevalence of each characteristic in the relevant population	Relative standard error
Core data in 2023 and 2026 and Labour force and other gainful activities module			
As defined by Article 5 for the core data and by Article 7 for the 'Labour force and other gainful activities module'.	<i>Land characteristics</i> <ul style="list-style-type: none"> – Cereals for the production of grain (including seed) – Oilseeds – Plants harvested green from arable land – Fresh vegetables (including melons), strawberries, flowers and ornamental plants (excluding nurseries) – Permanent grassland excluding rough grazings – Fruits, berries, nuts and citrus fruits (excluding grapes and strawberries) – Grapes – Olives 	7,5 % or more of the utilised agricultural area in the region	< 5 %
	<i>Livestock characteristics</i> <ul style="list-style-type: none"> – Dairy cows – Non-dairy cows – Other bovine animals (bovine animals less than 1 year, bovine animals 1 to less than 2 years, male bovine animals 2 years old and over, heifers 2 years old and over) – Breeding sows live weight 50 kg and over – Piglets live weight of under 20 kg and other pigs – Sheep and goats – Poultry 	7,5 % or more of the livestock units in the region and 5% or more of the characteristic in the country	< 5 %

Relevant population	Characteristics for which precision requirements apply	Prevalence of each characteristic in the relevant population	Relative standard error
Core data for frame extension in 2020			
As defined by Article 6	<i>Land characteristics</i> – Arable land – Permanent grassland excluding rough grazings – Permanent crops	7,5 % or more of the utilised agricultural area in the region	< 7,5 %
	<i>Livestock characteristic</i> – Total livestock units	5% or more of the characteristic in the country	< 7,5 %
Rural development module and Machinery and equipment module			
As defined by Article 7	<i>Land characteristics</i> as for Labour force and other gainful activities module	7,5 % or more of the utilised agricultural area in the region	< 7,5 %
	<i>Livestock characteristics</i> as for Labour force and other gainful activities module	7,5 % or more of the livestock units in the region and 5% or more of the characteristic in the country	< 7,5 %
Animal housing and manure management module			
The subset of the population of holdings defined by Article 7 with at least one of the following: bovine animals, pigs, sheep, goats, poultry	<i>Livestock characteristics</i> as for Labour force and other gainful activities module	7,5 % or more of the livestock units in the region and 5% or more of the characteristic in the country	< 7,5 %
Irrigation module			
The subset of the population of holdings defined by Article 7 with irrigable area	<i>Land characteristics</i> – Total irrigable area	7,5 % or more of the utilised agricultural area in the region	< 7,5 %
Soil management practices module			
The subset of the population of holdings defined by Article 7 with arable land	<i>Land characteristics</i> – Arable land	7,5 % or more of the utilised agricultural area in the region	< 7,5 %

Orchard module			
The subset of the population of holdings defined by Article 7 with any of the individual orchard characteristics that meet the threshold specified in Article 7(5)	<i>Orchard characteristics</i> – The orchard characteristics among apples, pears, apricots, peaches, nectarines, oranges, small citrus fruits, lemons, olives, grapes for table use, grapes for raisins that meet the threshold specified in Article 7(5)	5 % or more of the utilised agricultural area in the region	< 7,5 %
Vineyard module			
The subset of the population of holdings defined by Article 7 with grapes for wine	<i>Vineyard characteristics</i> – Grapes for wine	5 % or more of the utilised agricultural area in the region	< 7,5 %