

# Typology and economic size of agricultural holdings

## - Methodology –

The Community typology of agricultural holdings is a unitary classification of them according to their economic size and type of farming. This classification enables the analysis of the structural characteristics of the agricultural holdings and of their economic results.

The legal base for classifying the agricultural holdings is the Commission Regulation (EC) No 1242/ 2008 establishing a Community typology for agricultural holdings amended by Regulation (EC) No 867/ 2009.

The Community typology is especially used for presenting the data collected through the General Agricultural Census (GAC) by **type of farming** and **economic size class** using the standard output .

### ***Standard output***

The classification of agricultural holdings by type of farming and economic size is based on the **standard output** concept.

**The standard output of an agricultural activity (in the crop or livestock sector) represents the average value expressed in monetary units (Lei or Euros) of gross production determined based on the agricultural products directly sold to the consumers.**

The standard outputs are determined by means of the basic average values calculated over a 5-year reference period. These values are updated at least every time a farm structure survey is conducted in order to take into consideration the economic trends.

The total standard production of an agricultural holding corresponds to the sum of the values obtained for every characteristic by multiplying the SO coefficients per unit by the number of corresponding units.

### ***Economic size of the agricultural holding***

**The economic size** of the agricultural holding is determined based on the total standard output of the agricultural holding expressed in Euro.

According to Commission Regulation (EC) No 1242/ 2008 establishing a Community typology for agricultural holdings 14 economic size classes were determined, as follows:

<b>Economic size CLASSES</b>	<b>LIMITS EXPRESSED IN EURO</b>
I	less than 2 000 Euro
II	between 2 000 and less than 4 000 Euro
III	between 4 000 and less than 8 000 Euro
IV	between 8 000 and less than 15 000 Euro
V	between 15 000 and less than 25 000 Euro

VI	between 25 000 and less than 50 000 Euro
VII	between 50 000 and less than 100 000 Euro
VIII	between 100 000 and less than 250 000 Euro
IX	between 250 000 and less than 500 000 Euro
X	between 500 000 and less than 750 000 Euro
XI	between 750 000 and less than 1 000 000 Euro
XII	between 1 000 000 and less than 1 500 000 Euro
XIII	between 1 500 000 and less than 3 000 000 Euro
XIV	equal to or more than 3 000 000 Euro

### ***Community typology of the agricultural holdings***

The **type of farming** of an agricultural holding is established depending on the relative SO contribution of various crops or livestock species to the total standard output of the holding.

The European legislation in the field provides for an algorithm to determine the agricultural holding typology, which consists in a succession of the partial SO relative value comparisons mainly defining the specialised types. The principle of threshold comparison is applied (two thirds of the total standard output of the holding), the latter being defined as a specialised holding at least for the first 5 defined types.

The agricultural holdings classification by type of farming is based on the following:

- Defining 5 main groups of agricultural specialisations of the holding:
  - field crops (crop production)
  - horticulture (vegetables and flowers)
  - permanent crops (wine and fruit plantations)
  - herbivores (cattle, sheep and goats)
  - granivores (pigs, poultry and rabbits)
- Defining mixed groups in various combinations:
  - a combination of crops
  - a combination of livestock products
  - crops combined with livestock

This classification has 3 levels of type of farming:

- **9 general types**, including a type of non-classified holdings
- **22 principal types**
- **62 peculiar types**

The Community typology of the agricultural holdings is as follows:

<b>General type of farming</b>		<b>Principal type of farming</b>		<b>Peculiar type of farming</b>					
1	Specialist field crops	15.	Specialist cereals, oilseeds and protein crops	151.	Specialist cereals (no rice), oilseeds and protein crops				
				152.	Specialist rice				
				153.	Cereals, oilseeds, protein crops and rice combined				
				16.	General field cropping	161.	Specialist root crops		
						162.	Cereals, oilseeds, dried pulses and root crops combined		
						163.	Specialist field vegetables		
		164.	Specialist tobacco						
		165.	Specialist cotton						
		166.	Various field crops combined						
		2.	Specialist horticulture	21.	Specialist horticulture indoor	211.	Specialist vegetables indoor		
						212.	Specialist flowers and ornamentals indoor		
						213.	Mixed indoor specialist		
						22.	Specialist horticulture outdoor	221.	Specialist vegetables outdoor
								222.	Specialist flowers and ornamentals outdoor
								223.	Mixed outdoor specialist
				23.	Other horticulture	231.	Specialist mushrooms		
232.	Specialist nurseries								
233.	Various horticulture								
3.	Specialist permanent crops			35.	Specialist vineyards	<b>Tipologia și dimensiunea economică a exploatațiilor agricole 2013</b> <i>Typology and economic size of agricultural holdings 2013</i>			
						351.	Specialist quality wine		
						352.	Specialist wine other than quality wine		
		353.	Specialist grapes						
		354.	Other vineyards						
		36.	Specialist fruit and citrus fruit			361.	Specialist fruit (other than citrus, tropical and subtropical fruits or nuts)		
				362.	Specialist citrus fruit				
				363.	Specialist nuts				
				364.	Specialist tropical and				

			subtropical fruits
		365.	Specialist fruit, citrus, tropical and subtropical fruits and nuts: mixed production
	37.	Specialist olives	370. Specialist olives
	38.	Various permanent crops combined	380. Various permanent crops combined
4.	Specialist grazing livestock	45.	Specialist dairying
		46.	Specialist cattle rearing and fattening
		47.	Cattle-dairying, rearing and fattening combined
		48.	Sheep, goats and other grazing livestock
		481.	Specialist sheep
		482.	Sheep and cattle combined
		483.	Specialist goats
		484.	Various grazing livestock
5.	Specialist granivores	51.	Specialist pigs
		511.	Specialist pig rearing
		512.	Specialist pig fattening
		513.	Pig rearing and fattening combined
		52.	Specialist poultry
		521.	Specialist laying hens
		522.	Specialist poultry meat
		523.	Laying hens and poultry-meat combined
		53.	Various granivores combined
		530.	Various granivores combined

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6.	Mixed cropping	61.	Mixed cropping	611.	Horticulture and permanent crops combined
				612.	Field crops and horticulture combined
				613.	Field crops and vineyards combined
				614.	Field crops and permanent crops combined
				615.	Mixed cropping, mainly field crops
				616.	Other mixed cropping

7.	Mixed livestock	73.	Mixed livestock, mainly grazing livestock	731.	Mixed livestock, mainly dairying
				732.	Mixed livestock, mainly non-dairying grazing livestock
		74.	Mixed livestock, mainly granivores	741.	Mixed livestock: granivores and dairying
				742.	Mixed livestock: granivores and non-dairying grazing livestock
8.	Mixed crop-livestock	83.	Field crops-grazing livestock combined	831.	Field crops combined with dairying
				832.	Dairying combined with field crops
				833.	Field crops combined with non-dairying grazing livestock other than dairying
				834.	Non-dairying grazing livestock combined with field crops
		84.	Various crops and livestock combined	841.	Field crops and granivores combined
				842.	Permanent crops and grazing livestock combined
				843.	Apiculture
				844.	Various mixed crops and livestock
9.	Non-classifiable agricultural holdings	90	Non-classifiable agricultural holdings	900.	Non-classifiable agricultural holdings

When the classification procedure was finalised, each agricultural holding was assigned with a single typological code at European Union level.

The classification algorithm applied was that mentioned in the Typology Manual of the European Commission in accordance with the Commission Regulation (EC) No 1242/ 2008 establishing a Community typology for agricultural holdings.