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PRESS RELEASE

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Farm Structure Survey 2013

- final results -

**For the correct interpretation of results, please consult the
Methodological aspects on page 5 of the Press Release**

The number of agricultural holdings, decreasing in the year 2013 compared to the one registered at the 2010 General Agricultural Census:

- **The number of agricultural holdings was 3629656, about 6% less than that registered at the 2010 General Agricultural Census, as a result of land consolidation**
- the number of agricultural holdings without legal personality (mainly individual agricultural holdings) was 3601776, 5.9% less than in 2010
- the number of agricultural holdings with legal personality was 27880, 9.2% less than in 2010

- **The utilised agricultural area of the agricultural holdings was almost 1.9% less than that registered at the 2010 General Agricultural Census**

The comparative situation of the utilised agricultural area, by main categories of use, in 2010 and 2013 is the following:

Indicators	M.U.	Total agricultural holdings		Agricultural holdings without legal personality		Agricultural holdings with legal personality	
		2010	2013	2010	2013	2010	2013
Number of agricultural holdings	thou	3859	3630	3828	3602	31	28
Utilised agricultural area (UAA)	thou ha	13306	13056	7450	7271	5856	5785
- arable land	thou ha	8306	8198	4725	4558	3581	3640
- pastures and meadows	thou ha	4506	4398	2307	2315	2199	2083
- permanent crops	thou ha	312	302	236	240	76	62
- kitchen gardens	thou ha a	182	158	182	158	-	-
Average utilised agricultural area per agricultural holding ^{*)}	ha	3.45	3.60	1.95	2.02	190.78	207.49

^{*)}It was calculated of the following measurement units: hectare and number

- **The average utilised agricultural area per agricultural holding did not significantly change**

The average utilised agricultural area, in 2013, per agricultural holding was 3.60 ha, compared to 3.45 ha in 2010.

By categories of agricultural holdings:

- the average utilised agricultural area per agricultural holding without legal personality was of 2.02 ha, compared to 1.95 ha in 2010
- the average utilised agricultural area per agricultural holding with legal personality was of 207.49 ha, compared to 190,78 ha in 2010

- **The number of agricultural holdings with an utilised agricultural area under 1 ha is decreasing, while the number of the big-sized ones is increasing**

The number of small-sized agricultural holdings, with an utilised agricultural area under 1 ha, decreased in 2013 against 2010 by around 76 thousand agricultural holdings (3.8%), while continuing to hold a very important weight of about 54.5% in their total. At the decrease of the number of small-sized agricultural holdings contributed the number of the ones that utilised an agricultural area under 0.1 ha, with a weight of around 11% from the total of agricultural holdings with agricultural area.

By size classes of utilised agricultural area, in 2013, the structure of agricultural holdings was different in both as number, as well as from an utilised agricultural area point of view:

- even if agricultural holdings under 1 ha represented 54.5% out of the total number, they only utilised 5% out of the utilised agricultural area
- agricultural holdings between 1 and 5 ha had weights that were close to each other in both as number, as well as an utilised agricultural area point of view (37.5% out of the total number and 23.5% out of the utilised agricultural area).
- the big-sized agricultural holdings, the ones that have over 50 ha, even with a small weight (0.6%) regarding the number, owned over 52.1% of the utilised agricultural area

- **Over 61% of the agricultural area is in the property of the ones who utilise it**

In 2013, in regards to the tenure types of utilised agricultural area, the most important weights were registered by owner farming areas (61.4%) and tenant farming (27.4%), with no significant changes compared to 2010.

In 2013, the utilised agricultural area owned by the agricultural holdings without legal personality represented 42.2% of the entire utilised agricultural area, and 19.2% for the agricultural holdings with legal personality.

- **Agricultural holdings with utilised agricultural area and utilised agricultural area by macro-region and development region, in 2013**

Indicators	M.U.	Macro-region one		Macro-region two		Macro-region three		Macro-region four	
		North-West	Center	North-East	South-East	Bucharest - Ilfov	South Muntenia	South - West Oltenia	West
Agricultural holdings with UAA	thou	498	351	742	424	24	733	548	244
Utilised agricultural area	thou ha	1783	1694	1937	2092	76	2252	1574	1648

From the data presented it results that, both the number of agricultural holdings with utilised agricultural area, and the utilised agricultural area are distributed according to the specificity of each zone.

Macro-region two stands out with the highest weights, both as regards to the total number of agricultural holdings (32.7%), and to the utilised agricultural area (30.9%), and regarding development regions, in the first places, from a number of agricultural holdings point of view, there were the North-East and South Muntenia development regions, 20.8% each, and from an utilised agricultural area point of view, development regions South-Muntenia (17.2%) și South-East (16%).

- **In 2013 the bovine and pig livestock decreased by 2.7%, and respectively by 20.8%, while the sheep and goat livestock increased by 6.3%, and respectively by 6.8%, compared to figures registered by the 2010 General Agricultural Census**

The comparative situation of livestock by main species and poultry, in 2010* and 2013** as following:

Indicators	M.U	Livestock in:					
		Total agricultural holdings		Agricultural holdings without legal status		Agricultural holdings with legal status	
		2010	2013	2010	2013	2010	2013
Bovine	thou heads	1990	1936	1817	1778	173	158
Sheep	thou heads	8412	8944	8172	8671	240	273
Goats	thou heads	1241	1326	1212	1297	29	29
Pigs	thou heads	5345	4235	3516	2385	1829	1850
Poultry	thou heads	79191	76301	48877	47377	30314	28924
Bee families	thou	1301	1302	1286	1288	15	14

* on 1st December

** on 31st December

- **Bovine, pig and sheep livestock by macro-regions and development regions**

In 2013, the distribution of bovine, pig and sheep livestock, at territorial level, by macro-region and development region, is the following:

	thou heads		
	Bovine	Pigs	Sheep
Macro-region one	658	931	3522
North-West	330	535	1552
Center	328	396	1970
Macro-region two	721	1204	2639
North - East	509	455	1297
South - East	212	749	1342
Macro-region three	226	783	835
Bucharest - Ilfov	6	35	22
South Muntenia	220	748	813
Macro-region four	331	1317	1948
South- West Oltenia	180	492	606
West	151	825	1342

The data presented point out to the following aspects:

- the bovine livestock concentrates in the North-East development region (26.3%), followed by North-West development region (17.1%) and Center development region (16.9%)
- the analysis of pig livestock shows that the largest pig livestock is in the West development region (19.5%), then South-East development region (17.7%) and then South Muntenia development region (17.7%).
- sheep livestock can be found predominantly in the Center development region (22%), North - West development region (17.4%), and South-East development region and respectively West development region (15%).

- **The volume of work registered in the agricultural holdings, expressed in annual work units (AWU), registered a decrease against that registered by the 2010 General Agricultural Census**

In 2013, the volume of work registered within the agricultural holdings without legal personality was 1387 thou AWU, and 64 thou AWU within agricultural holdings with legal personality.

Compared to the data from 2010 General Agricultural Census, the volume of work registered at 2013 FSS decreased with 7.5% for agricultural holdings without legal personality and with almost 35% for agricultural holdings with legal personality.

Methodological notes

1. Data source

According to Regulation (EC) No 1166/2008 of the European Parliament and Council of November 19th 2008, on farm structure surveys and the survey on agricultural production methods, Romania conducted the 2013 Farm Structure Survey (2013 FSS) over the period January – February 2014. This statistical survey was based on a representative sample, composed of all agricultural holdings with legal personality (around 31 thousand) and approximately 313 thousand agricultural holdings without legal personality, extracted from the total of 3828 thousand agricultural holdings without legal personality, registered at the 2010 General Agricultural Census and found in the Statistical Register of Agricultural Holdings.

The 2013 FSS objective was gathering data and obtaining information about the main characteristics of agricultural holdings, such as: utilising agricultural areas (by type of tenure, cultivated agricultural areas, irrigations), livestock, organic farming, agricultural machinery and equipment, labour force, rural development etc.

2. Concepts and definitions

Agricultural holding - single unit, both technically and economically, which has single management and which undertakes agricultural activities by using agricultural areas and/or animal breeding or activities of maintaining the agricultural areas in good agricultural and environment conditions, either as a main or as a secondary activity.

Utilised agricultural area (UUA) – agricultural land area used by an agricultural holding, obtained by summing up the areas of arable land, kitchen gardens, pastures and meadows and permanent crops.

Arable land – area which is ploughed each year or at longer time intervals, according to a crop rotation system of crops, in order to cultivate annual or perennial plants. The arable land also includes the land left uncultivated because of floods, clogging, other temporary calamities or other causes. This category also includes the land under greenhouses, protective cover, strawberry plantations, as well as pastures and meadows fallowed and sown with annual or perennial plants, etc.

Kitchen gardens – area meant to obtain agricultural products, mainly for own consumption of agricultural holding members without legal personality. It can comprise both arable land and permanent crops. It has an area under 15 ares.

Pastures and meadows – lands covered with herbaceous plants by naturally-grown or regenerated by sowing and meant for animal grazing and/or hay making.

Culturi permanente – areas under crops for a longer period of time and from which productions are obtained for several years in a row, crops to which no rotation system is applied, other than permanent pastures. The permanent crops include areas under fruit tree plantations, fruit trees, wine plantations, fruit tree nurseries, wine and forestry nurseries. Both are registered – the nurseries (except non-commercial forestry ones, included in wooded areas) and the weaving plants.

Annual Work Unit (AWU) represents the volume of work carried out within agricultural holding by one person, in equivalent full time of work, during 245 working days per year, 8 hours per day.

To find out more...

Detailed data on the land use, livestock, irrigations, aspects related to organic farming and rural development, persons who carried out agricultural activities (labour force) are available in the two volumes issued and printed at the National Institute of Statistics, in December 2014, as following:

- *Volume I „2013 FSS – General data at national level”*
- *Volume II „2013 FSS – Data on macro-regions, development regions and counties”*

Each volume will be accompanied by a CD.

The next informations regarding the structure of agricultural holdings will be obtained through 2016 Farm Structure Survey, whose results will be made available at the end of the year 2017.