

**PRESS RELEASE**

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**Livestock existent on December 1, 2013**

- provisional data -

For correct interpretation of the results, please read the methodological notes on page 5 of this press release

## Livestock of cattle, sheep and goats increased and livestock of pigs and poultry decreased.

The National Institute of Statistics carried out the statistical survey regarding „Livestock and animal production in 2013”. Following the results of the statistical survey in 2013, compared to 2012, livestock of cattle, sheep and goats increased and livestock of pigs and poultry decreased.

### Animal livestock and poultry existent on December 1, 2013, compared to December 1, 2012

-thou heads-

|                                  | December 1,<br>2012 | December 1,<br>2013 | Differences (±)<br>2013 compared to<br>2012 |
|----------------------------------|---------------------|---------------------|---------------------------------------------|
| <b>Cattle - total</b>            | <b>2009.1</b>       | <b>2022.4</b>       | <b>+13.3</b>                                |
| of which:                        |                     |                     |                                             |
| - cows, buffalo cows and heifers | 1265.0              | 1279.0              | +14.0                                       |
| <b>Pigs - total</b>              | <b>5234.3</b>       | <b>5180.2</b>       | <b>-54.1</b>                                |
| of which:                        |                     |                     |                                             |
| - breeding cows                  | 398.8               | 383.7               | -15.1                                       |
| <b>Sheep and goats - total</b>   | <b>10099.5</b>      | <b>10448.6</b>      | <b>+349.1</b>                               |
| of which:                        |                     |                     |                                             |
| - sheep, ewes and goats          | 8726.1              | 8934.5              | +208.4                                      |
| <b>Poultry - total</b>           | <b>80135.7</b>      | <b>79440.3</b>      | <b>-695.4</b>                               |
| of which:                        |                     |                     |                                             |
| - adult layers                   | 45401.9             | 42541.3             | -2860.6                                     |

**Total number of cattle** and origin livestock (milk cows, buffalo cows for reproduction and heifers for reproduction) points out a growth by 0.7%, respectively by 1.1%, on December 1, 2013.

**Total number of pigs** and origin livestock (breeding sows) decreased by 1.0%, respectively by 3.8%.

**Total number of sheep and goats** and origin livestock (sheep, ewes and goats) increased by 3.5%, respectively by 2.4%.

**Total number of poultry** and number of adult layers decreased by 0.9%, respectively by 6.3%.

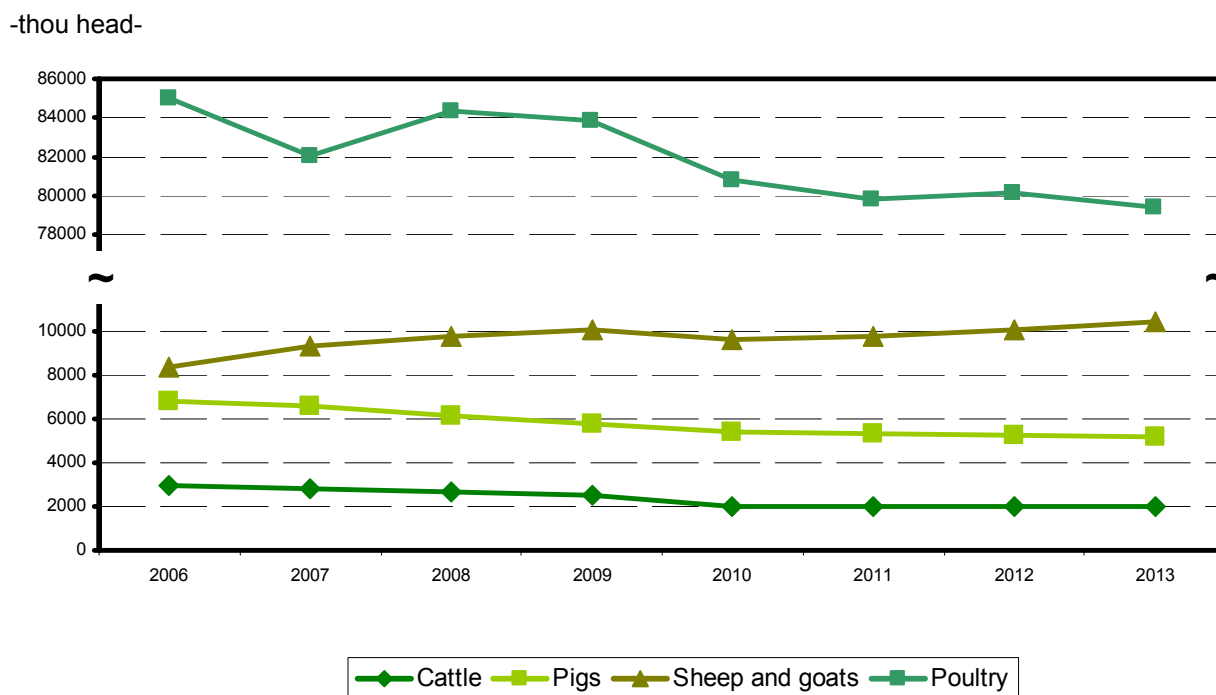
### Evolution of livestock during 2006 – 2013

After successive growth of cattle livestock, reaching about 3 million heads at the end of 2006, significant falls constantly followed until 2010. Since 2010, cattle livestock were kept at about a constant level.

Pigs livestock constantly decreased, in 2013 being by 24.0% less than in 2006.

Since 2006, sheep and goats livestock registered major growths, in 2009 reaching 10.1 million heads, following a slight fall, while in 2013 registering a growth by 3.9% compared to 2009.

Poultry livestock decreased, in 2013 being by 6.5% less than in 2006.



## Livestock and their density per 100 ha of land, in Romania and in the main Member States of European Union, at the end of 2013

### Cattle livestock

| Country        | Livestock<br>(thou heads) | Density per<br>100 ha of land<br>(heads) |
|----------------|---------------------------|------------------------------------------|
| <b>Romania</b> | <b>2022.4</b>             | <b>14.9</b>                              |
| Belgium        | 2441.3                    | 186.1                                    |
| Bulgaria       | 593.7                     | 12.0                                     |
| Czech Republic | 1332.1                    | 38.2                                     |
| Denmark        | 1583.0                    | 59.7                                     |
| Germany        | 12686.0                   | 77.0                                     |
| Ireland        | 6309.1                    | 139.2                                    |
| Greece         | 679.0                     | 24.4                                     |
| Spain          | 5688.8                    | 30.2                                     |
| France         | 19129.0                   | 68.7                                     |
| Italy          | 6249.3                    | 40.7                                     |

| Country        | Livestock<br>(thou heads) | Density per<br>100 ha of land<br>(heads) |
|----------------|---------------------------|------------------------------------------|
| Lithuania      | 713.5                     | 25.4                                     |
| Hungary        | 772.0                     | 15.2                                     |
| Netherlands    | 4090.0                    | 227.7                                    |
| Austria        | 1958.3                    | 70.0                                     |
| Poland         | 5595.5                    | 39.7                                     |
| Portugal       | 1470.5                    | 51.3                                     |
| Slovenia       | 460.6                     | 101.7                                    |
| Slovakia       | 467.9                     | 25.0                                     |
| Finland        | 903.4                     | 39.6                                     |
| Sweden         | 1443.5                    | 47.7                                     |
| United Kingdom | 9682.0                    | 56.5                                     |

*Note: Regarding the land (arable land, pastures and hayfields) related to cattle livestock, the last available data have been used: 2013 for Romania, 2012 for European Union states and 2011 for United Kingdom.*

For cattle livestock, Romania holds the tenth place among the European Union countries, after France, Germany, United Kingdom, Ireland, Italy, Spain, Poland, Netherlands and Belgium. Regarding the density per 100 ha of land, our country is among the last countries of European Union, being followed only by Bulgaria.

### Pigs livestock

| Country        | Livestock<br>(thou heads) | Density per<br>100 ha of land<br>(heads) |
|----------------|---------------------------|------------------------------------------|
| <b>Romania</b> | <b>5180.2</b>             | <b>58.9</b>                              |
| Belgium        | 6351.3                    | 789.5                                    |
| Bulgaria       | 588.5                     | 17.9                                     |
| Czech Republic | 1547.7                    | 61.4                                     |
| Denmark        | 12402.0                   | 509.2                                    |
| Germany        | 28046.1                   | 237.0                                    |
| Ireland        | 1468.5                    | 125.6                                    |
| Greece         | 1077.0                    | 69.1                                     |
| Spain          | 25654.4                   | 204.9                                    |
| France         | 13428.0                   | 73.1                                     |
| Italy          | 8561.9                    | 66.4                                     |

| Country        | Pigs livestock<br>(thou heads) | Density per<br>100 ha of land<br>(heads) |
|----------------|--------------------------------|------------------------------------------|
| Lithuania      | 754.6                          | 33.4                                     |
| Hungary        | 2935.0                         | 68.0                                     |
| Netherlands    | 12013.0                        | 1200.1                                   |
| Austria        | 2895.8                         | 213.7                                    |
| Poland         | 10994.4                        | 101.1                                    |
| Portugal       | 2020.3                         | 188.8                                    |
| Slovenia       | 303.6                          | 176.9                                    |
| Slovakia       | 637.0                          | 46.8                                     |
| Finland        | 1258.3                         | 56.0                                     |
| Sweden         | 1478.2                         | 57.0                                     |
| United Kingdom | 4383.0                         | 72.2                                     |

*Note: Regarding the land (arable land) related to animal livestock, the last available data have been used: 2013 for Romania, 2012 for European Union states and 2011 for United Kingdom.*

At the end of 2013, for pigs livestock, Romania holds the ninth place in the European Union, after Germany, Spain, France, Denmark, Netherlands, Poland, Italy and Belgium. Regarding the density per 100 ha of land, our country is followed by the next countries such as Sweden, Finland, Slovakia, Lithuania and Bulgaria.

#### Sheep and goats livestock

| Country        | Livestock<br>(thou heads) | Density per<br>100 ha of land<br>(heads) |
|----------------|---------------------------|------------------------------------------|
| <b>Romania</b> | <b>10448.6</b>            | <b>77.2</b>                              |
| Bulgaria       | 1648.6                    | 33.4                                     |
| Czech Republic | 218.6                     | 6.3                                      |
| Germany        | 1704.2                    | 10.4                                     |
| Greece         | 13770.0                   | 495.3                                    |
| Spain          | 18898.3                   | 100.5                                    |
| France         | 8476.0                    | 30.4                                     |
| Italy          | 8157.7                    | 53.2                                     |

| Country           | Sheep and<br>goats<br>livestock<br>(thou heads) | Density per<br>100 ha of land<br>(heads) |
|-------------------|-------------------------------------------------|------------------------------------------|
| Lithuania         | 113.5                                           | 4.0                                      |
| Hungary           | 1304.0                                          | 25.7                                     |
| Netherlands       | 1483.0                                          | 82.6                                     |
| Austria           | 429.5                                           | 15.4                                     |
| Poland            | 308.4                                           | 2.2                                      |
| Portugal          | 2474.1                                          | 86.4                                     |
| Slovakia          | 435.5                                           | 23.2                                     |
| United<br>Kingdom | 22624.0                                         | 132.1                                    |

*Note: Regarding the land (arable land, pastures and hayfields) related to the livestock of sheep and goats, the last available data have been used: 2013 for Romania, 2012 for European Union states and 2011 for United Kingdom.  
For animal livestock, data from 2009, respectively 2012 have been used for Czech Republic and Poland.*

At the end of 2013, for sheep and goats livestock, Romania holds the fourth place among Member States, after United Kingdom, Spain and Greece. Regarding the density per 100 ha of land, our country holds the sixth place in the European Union, after Greece, United Kingdom, Spain, Portugal and Netherlands.

## Methodological notes

### 1. Data source

- For issued statistical data about the livestock existent in Romania - statistical survey (EPA), regarding livestock existent on December 1 and animal production in 2013, according to the Regulation of European Parliament and of the Council no. 1165/2008/EC regarding livestock and meat statistics.
- Statistical survey comprises all the variables on livestock by species, age groups and weight categories existent on December 1. Statistical sampling survey addressed a representative sample of 49988 agricultural holdings, of which 2900 agricultural holdings with legal status and 47088 individual agricultural holdings. The confidence interval was 95% (error margin  $\pm 2\%$ ).
- For statistical data regarding the land (arable land, pastures and hayfields) related to the livestock – statistical survey (PVPC) regarding crop production for main crops.

Cattle, sheep and goats livestock were reported per arable land + pastures + hayfields and pigs livestock per arable land.

For details, please read the statistical metadata base <http://colectaredate.insse.ro/metadata/public.htm?locale=ro>

- For issued statistical data regarding the livestock existent in the Member States of the European Union – Eurostat database.

### 2. Concepts and definitions

Term „livestock”

2.1 „cattle” means domestic animals of the species *Bos taurus* and *Bubalus bubalis* as well as hybrids as *Beefalo*;

2.2 „pigs” means domestic animals of the species *Sus scrofa Domesticus*;

2.3 „sheep” means domestic animals of the species *Ovis aries*;

2.4 „goats” means domestic animals of the subspecies *Capra aegagrus hircus*;

2.5 „poultry” means domestic birds of the species *Gallus gallus* (chicken), *Meleagris spp.* (turkeys), *Anas spp.* and *Cairina moschata* (ducks) and *Anser anser dom.* (geese). This category includes domestic birds of the species *Coturnix spp.* (quails), *Phasianus spp.* (pheasants), *Numida meleagris dom.* (guinea hen) and *Struthio camelus* (ostrich).

*Additional information can be obtained from the publication "Livestock and animal production in 2013", deadline on July 16, 2014*