

# The Study of the Offer Forming Sources at the Cattle Meat in Gorj County

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## Abstract

For this study were used the basic methods of methods of investigation: the analyze, the synthesis and comparison in time and space using the typical economic indicators. The paper presents the grouping of county's localities depending on the animals number bred at 1000 inhabitants, the grouping of the localities according to the animal number per 100 ha, the grouping of the localities according to the meat product achieved per inhabitant annually, the grouping of the localities according to the meat product achieved per ha annually.

**Keywords:** cattle, economic indicators

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## 1. Introduction

This paper presents a study regarding the local sources of forming the offer at the product cattle meat, grouping the localities of Gorj country in function of: number of animals raised at 1000 inhabitants, density of animals at 100 ha agricultural land (arable+hay field+pasture), annual live weight production on inhabitant, annual live weight production on 1 ha agricultural land, comparison of values obtained in Gorj county compared with the average values in Romania.

## 2. Materials and methods

Some fundamental methods were used to realize this study: documentation analysis, synthesis, comparison in time and space using specific economic indicators [1].

We used as source of information County Direction for Agriculture and Rural Development and County Direction of Statistics.

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## 3. Results and discussion

This study has been conducted in 2008 using the indicator number of animals inhabitants, the localities in Gorj county group:

Between

1-100 heads cattle at 1000 inhabitants: 6 localities

101-200 heads at 1000 inhabitants: 15 localities

201-300 heads at 1000 inhabitants: 25 localities

301-400 heads at 1000 inhabitants: 13 localities

401-500 heads at 1000 inhabitants: 5 localities

501-600 heads at 1000 inhabitants: 4 localities

Over 600 heads at 1000 inhabitants: 2 localities

Romania's average at this indicator in 2008 was 130.9 heads at 1000 inhabitants. The average number in Gorj county was 179.2 heads at 1000 inhabitants.

Compared with the national average, the localities in Gorj county: under the national average – 12 localities and over the national average 58 localities [2].

The biggest number of cattle at 1000 inhabitants has been realized in the localities: Stănești (731.9 heads), Berlești (689.4 heads), Dănciulești (592.6

heads), Stejari (548.1 heads), Ciuperceni (543.5 heads), Novaci (541.6 heads)

The smallest number of cattle at 1000 inhabitants has been realized in the localities: Rovinari (4.7 heads), Tg. Jiu (23.5 heads), Motru (33.5 heads), Turceni (50.6 heads).

Using the indicator density of animals at 100 ha agricultural land (arable + pasture + hay field), the localities in Gorj county group:

Between

1-20 heads at 100 ha: 14 localities

20.1-30 heads at 100 ha: 26 localities

30.1-40 heads at 100 ha: 15 localities

40.1-50 heads at 100 ha 7 localities

50.1-60 heads at 100 ha 7 localities

over 60 heads at 100 ha 1 localitie

Romania's average at this indicator in 2008 was 21.4 heads at 100 ha agricultural land. The average number in Gorj county was 29.6 heads at 100 ha agricultural land.

Compared with the national average, the localities in Gorj county: under the national average 17 localities and over the national average 53 localities [2].

The biggest density at 100 ha agricultural land has been realized in the localities: Mătășari (69.4 heads), Prigoria (58.1 heads), Berlești (54.2 heads), Dănciulești (51.1 heads), Stănești (50.3 heads).

The smallest density at 100 ha agricultural land has been realized in Țicleni (9.4 heads), Tg Cărbunești (9.8 heads), Padeș (11.1 heads), Tismana (12.2 heads), Godinești (12.8 heads).

Using the indicator live weight meat production an 1 inhabitant localities in Gorj county group:

Between

0.1-10 kg meat on 1 inhabitant: 4 localities

10.1 -20 kg meat on 1 inhabitant: 4 localities

20.1 – 30 kg meat on 1 inhabitant: 11 localities

30.1 – 40 kg meat on 1 inhabitant 15 localities

40.1 – 50 kg meat on 1 inhabitant 5 localities

over 50 kg meat on 1 inhabitant : 31 localities

Romania's average at this indicator in 2008 was 15.5 kg meat on 1 inhabitant. The average number in Gorj county was 32.2 kg meat on 1 inhabitant.

Compared with the national average, the localities in Gorj county: under the national average 7 localities and over the national average 63 localities.

The biggest values at this indicator have been realized in the localities: Tismana (133.7 kg), Ciuperceni (107.3 kg), Alimpești (105.5 kg),

Godinești (96.9 kg), and the smallest values have been realized: Tg Jiu (4.9 kg), Motru (6.1 kg), Rovinari (7.0 kg), Bâlteni (2.9 kg).

Using the indicator live weight meat production on 1 ha agricultural land (arable, pasture, hay field), the localities in Gorj county group:

Between

0.1 – 30 kg meat on 1 ha: 9 localities

30.1 – 60 kg meat on 1 ha: 33 localities

60.1 – 90 kg meat on 1 ha: 16 localities

90.1 – 120 kg meat on 1 ha: 7 localities

over 120 kg meat on 1 ha : 4 localities

Romania's average at this indicator in 2008 was 23.3 kg meat an 1 ha agricultural land. The average number in Gorj county was 53.3 meat on 1 ha.

Compared with the national average, the localities in Gorj county: under the national average 3 localities and over the national average 67 localities [2].

The biggest values at this indicator have been realized in the localities: Rovinari (357.6 kg), Tismana (202.5 kg), Mătășari (123.9 kg), Ploșoru (122.1 kg), and the smallest values at this indicator have been realized in the localities: Padeș (22.4 kg), Runcu (22.3 kg), Mușetești (23.1 kg), Tg Cărbunești (24.1 kg), Bengești-Ciocadia (24.2 kg).

#### 4. Conclusions

Considering all indicators used in this study, the values obtained in Gorj county are over those from the national level.

The biggest values at the studied indicators have been realized, generally, in localities in the hills area.

In the 1990-2008 period, in Gorj county, the number of cattle diminished from 81200 heads at 67906 heads with 16.4%.

In the 1995-2008 period, in Gorj county, the number of cattle diminished from 78221 heads at 67906 heads with 13.2%.

#### References

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2. xxx – Statistical Yearly Book of Romania, 1990, 2009