

# Study Regarding Weekly and Monthly Consumption of Cattle Meat

Diana Marin<sup>1</sup>, Cornelia Petroman<sup>1</sup>, S. Marin<sup>1</sup>, I.Petroman<sup>1</sup>, Corina Sirbu<sup>1</sup>, Loredana Vaduva<sup>1</sup>, Ramona Ciolac<sup>1</sup>

<sup>1</sup> Banat's University of Agricultural Sciences and Veterinary Medicine, Faculty of Agricultural Management, Calea Aradului, 119, Timisoara, Romania

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## Abstract

By introducing, processing and interpreting the data from the questionnaires applied, asking three questions regarding the weekly consumption of meat and meat products from cattle and the amount of cattle meat monthly consumed, we found that regardless of age for both men and women a large number of respondents do not consume this type of meat. Men with age between 41-50, 51-60 years and over 60 years consume the largest amount of sausage, monthly 1-2 kg, but larger amounts consume the 21-30 age categories, which states that consumes more than 8.1 kilograms of cattle sausage monthly.

**Keywords:** consumption, cattle meat, questionnaires applied

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## 1. Introduction

Cattle production is one of the exceptional agricultural productions, with direct implications on food security and the good status of the human population, found in a permanent confrontation with international competition. [1,2]

Because in the last period of time there is a seen a growing demand of consumers for meat and dairy products obtained from cattle, the concerns of specialists from the field are directed towards increasing the yields of exploitation and the production of carcasses with superior organoleptic characteristics. [3,4].

Cattle meat is highly demanded in human consumption because it has a high biological and nutritional value, it is succulent, it has color, the appearance, the smell and the pleasant taste, as well as a special flavor compared to the meat from other animal species of the farm [5,6]. The meat of

cattle is consumed both fresh and in the form of different products. [7]

## 2. Materials and methods

In order to draw up this scientific paper, we conducted surveys, through some questionnaires applied to respondents aged between 21 and over 60, both men and women, aiming to determine the weekly consumption of meat and bovine meat products both quantitatively but also as number of meals and days in which they are consumed.

## 3. Results and discussion

In order to determine the frequency of weekly consumption of cattle meat, we have asked the questioned person the question "How many times do you prefer to eat cattle meat per week?". Following the introduction of the data we found the following (Table 1, figures 1 and 2)

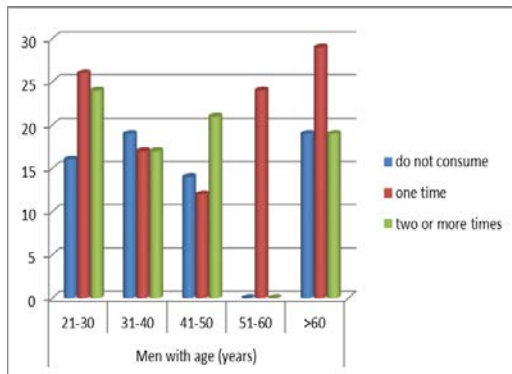
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\* Corresponding author: Diana Marin, Email: [diana\\_rachiciu@yahoo.com](mailto:diana_rachiciu@yahoo.com)

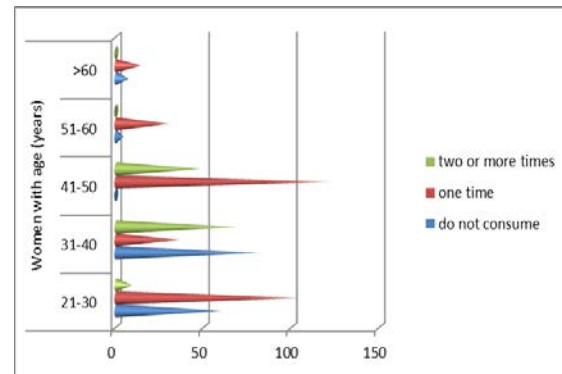
**Table 1.** The preference for cattle meat consumption (per week)

Meat consumption/ week	Men with age (years)					Women with age (years)				
	21-30	31-40	41-50	51-60	>60	21-30	31-40	41-50	51-60	>60
do not consume	16	19	14	-	19	60	81	-	4	7
one time	26	17	12	24	29	104	36	121	30	14
two or more times	24	17	21	-	19	9	68	48	-	1

Source: our own research



**Figure 1.** Weekly men's preferences for cattle meat



**Figure 2.** Women's weekly preferences for cattle meat

In this case, men from the 31-40 age category are the most that are not eating cattle meat, the same in the case of women. Regardless of age, both men and women, a large number of respondents do not consume this type of meat or consume cattle meat once a week, regardless of age category.

Most men and women claim to eat cattle meat once a week, regardless of age. They are in a higher percent than those who say they eat cattle meat two or more times during a week.

Men from the 51-60 year old category and women from the 41-50 year old category said they never consumed this type of meat.

Due to the good nutritional value of cattle, we find that both in men and women there is a trend to consume cattle meat twice a week at the expense of other beef.

Regarding the number of times during a week when respondents consume cattle meat products, we asked the question "How many times do you prefer to eat cattle meat products within a week?", We found the following table 2 and figures 3 and 4.

**Table 2.** Consumer preferences for cattle meat products

Consumption of cattle meat preparations	Men with age (years)					Women with age (years)				
	21-30	31-40	41-50	51-60	>60	21-30	31-40	41-50	51-60	>60
never	-	40	18	-	15	87	62	34	27	11
daily	23	15	17	-	21	17	40	49	20	14
1-2 times/week	12	47	30	10	4	41	117	16	7	-
3-4 times/week	3	-	2	-	-	10	-	12	1	-
5-6 times/week	-	-	-	6	-	7	2	-	-	3

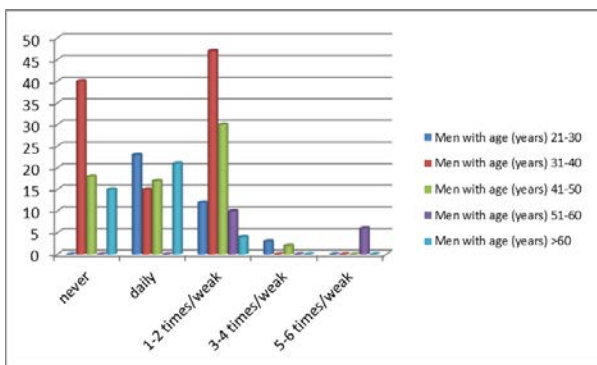


Figure 3. The preference for cattle meat products at male according to age

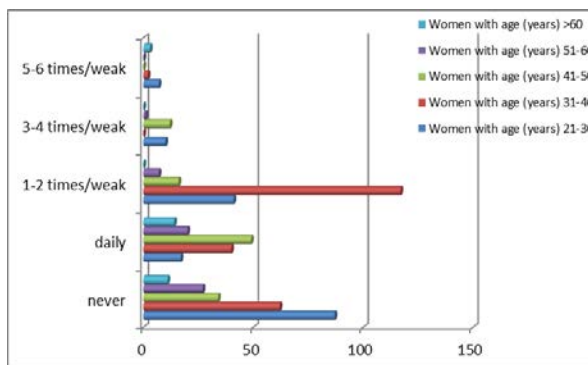


Figure 4. The preference for cattle meat products at women according to age

Men prefer these cattle sausages, the proportion of those who never prefer them being less than in women case. The highest proportion of men regardless of the age segment states that they consume sausages having in the structure cattle meat 1-2 times a week.

The highest consumption of cattle meat products (1-2 times/week) is found in the 31-40 year category for males and for women for those who consume daily in the 21-30 year category at males and 41-50 years at women. It is found that there are categories of people who never eat cattle meat sausages.

We find centralizing the results of the applied questionnaire that at women, regardless of age, are persons who never prefer sausages containing in their composition cattle meat, but also the tendency to consume daily or 1-2 times during a week. Those who eat sausages 3-4 times or 5-6 times during a week are low in female respondents.

In order to determine the monthly consumption of cattle meat at the level of the family, of each respondent we have asked the following question "What is the monthly consumption of cattle meat of the family?", The data were centralized in Table 3 and Figures 5 and 6.

Table 3. The amount of the cattle meat consumed per month (kg)

meat of cattle (kg)	Men with age (years)					Women with age (years)				
	21-30	31-40	41-50	51-60	>60	21-30	31-40	41-50	51-60	>60
do not consume	-	-	15	7	1	46	17	-	19	4
0 – 1,0	24	4	6	-	-	30	7	9	1	12
1,1 – 2,0	31	14	11	3	13	46	37	20	64	35
2,1 – 3,0	14	21	-	7	10	37	15	20	-	7
3,1 – 4,0	8	30	-	17	-	21	-	46	7	21
4,1 – 5,0	-	-	5	-	2	7	17	-	7	-
5,1 – 6,0	-	6	-	-	-	1	-	5	-	2
6,1 – 7,0	1	-	4	-	-	-	4	-	-	-
7,1 – 8,0	-	1	-	-	-	-	-	-	-	3

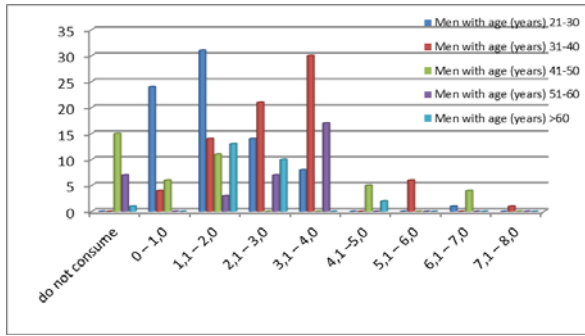


Figure 5. Monthly consumption of cattle meat at males according to age

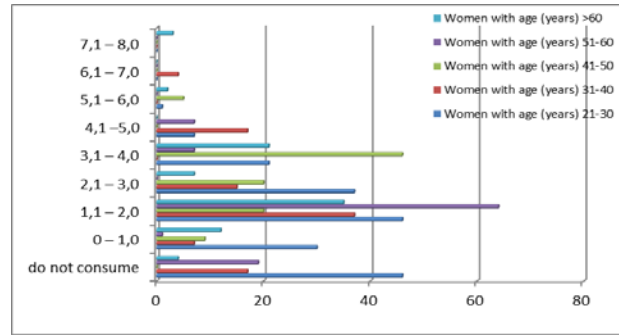


Figure 6. Monthly consumption of cattle meat at women according to age

Monthly consumption of cattle meat is very varied for males for the age group of 41-50 years and 6 respondents consume small quantities of meat 0-1.0 kilograms. Most men, regardless of age, consume a monthly average between 1 and 4 kg of cattle meat. Men aged 51-60 years and over 60 years rarely consume large quantities of 4.1-8 kilograms of cattle meat per month. Women of all ages are highly consuming of cattle meat, but a relatively large number says they never eat meat. Also in the case of women of all

ages it is found that the consumption is between 1.1 and 4.0 kg of cattle meat/month. The age segment over 60 years consumes 1.1-4.0 kilograms, 34 respondents or 3.1-4.0 kilograms. A small number of female respondents say they consume more than 4.1 kg of cattle meat per month.

After determining the monthly consumption of cattle meat, we found that the respondents have consumed the following quantities of cattle meat (Table 4, Figures 7 and 8).

Table 4. Monthly consumption of cattle meat products (kg)

cattle meat products (kg)	Men with age (years)					Women with age (years)				
	21-30	31-40	41-50	51-60	>60	21-30	31-40	41-50	51-60	>60
do not consume	-	40	14	-	7	20	16	16	-	4
0 – 1,0	23	-	15	6	14	10	8	11	15	14
1,1 – 2,0	30	5	23	17	-	8	7	2	55	23
2,1 – 3,0	-	6	-	-	-	30	14	7	25	10
3,1 – 4,0	17	6	8	-	-	40	28	60	42	33
4,1 – 5,0	-	-	-	-	4	8	11	1	-	11
5,1 – 6,0	8	3	-	2	-	2	5	-	6	-
6,1 – 7,0	-	-	-	-	-	-	-	2	-	3
7,1 – 8,0	-	-	-	6	-	-	4	-	1	1
over 8,1	8	-	-	-	-	2	-	-	-	-

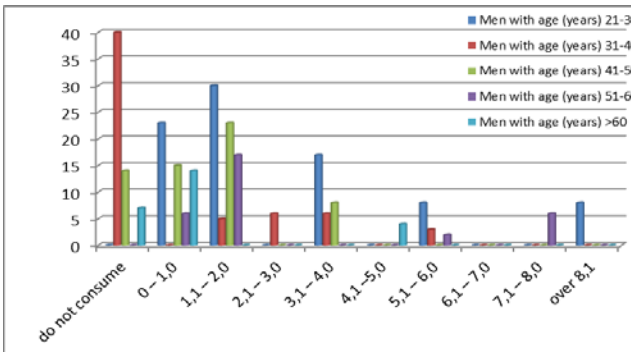


Figure 7. Monthly consumption of cattle meat sausages in men

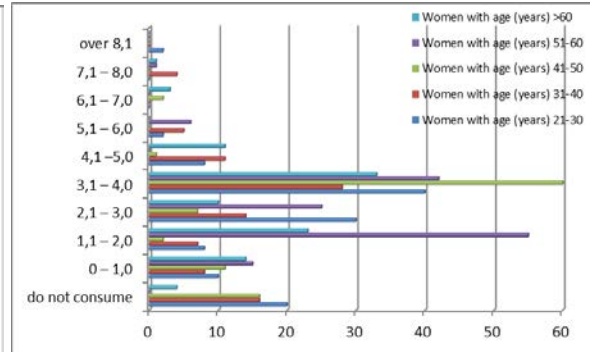


Figure 8. Monthly consumption of cattle meat sausage in women

Both men and women of all ages say they do not eat cattle meat products because they are harder to buy. It is noted that in the age group of 21-30 years men tend to consume cattle meat products at the expense of other products because we believe that they have learned at school about the healthy diet without much fat of animal origin trying to maintain an appropriate physical condition.

It can be argued that men aged 41-50, 51-60 years and over 60 years consume the largest amount of sausages monthly 1-2 kg, but larger quantities consume the age category of 21-30 years, which claims to consume more than 8.1 kilograms of cattle meat sausages monthly.

## 5. CONCLUSIONS

There is a lower preference for cattle meat products for men of all ages, in contrast to women consuming quantities of 3.1-5.0 kg.

The highest consumption of 3.1 to 4.0 kg of cattle meat products is found in the age group of 41-50 years. And women regardless of age have a lower share of consumption of cattle meat products in quantities exceeding 5 kg per month.

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