ECONSTOR
Make Your Publications Visible.

A Service of
ZBW
Leibniz-Informationszentrum Wirtschaft
Leibniz Information Centre for Economics

Crețu, Diana

Conference Paper

Egg's market study in Romania in 2011-2016 period

Provided in Cooperation with:
The Research Institute for Agriculture Economy and Rural Development (ICEADR), Bucharest

Suggested Citation: Crețu, Diana (2018) : Egg's market study in Romania in 2011-2016 period, In: Agrarian Economy and Rural Development - Realities and Perspectives for Romania. 9th Edition of the International Symposium, November 2018, Bucharest, The Research Institute for Agricultural Economy and Rural Development (ICEADR), Bucharest, pp. 195-198

This Version is available at:
https://hdl.handle.net/10419/205108

Standard-Nutzungsbedingungen:

Die Dokumente auf EconStor dürfen zu eigenen wissenschaftlichen Zwecken und zum Privatgebrauch gespeichert und kopiert werden.

Sie dürfen die Dokumente nicht für öffentliche oder kommerzielle Zwecke vervielfältigen, öffentlich ausstellen, öffentlich zugänglich machen, vertreiben oder anderweitig nutzen.

Sofern die Verfasser die Dokumente unter Open-Content-Lizenzen (insbesondere CC-Lizenzen) zur Verfügung gestellt haben sollten, gelten abweichend von diesen Nutzungsbedingungen die in der dort genannten Lizenz gewährten Nutzungsrechte.

Terms of use:

Documents in EconStor may be saved and copied for your personal and scholarly purposes.

You are not to copy documents for public or commercial purposes, to exhibit the documents publicly, to make them publicly available on the internet, or to distribute or otherwise use the documents in public.

If the documents have been made available under an Open Content Licence (especially Creative Commons Licences), you may exercise further usage rights as specified in the indicated licence.

WWW.ECONSTOR.EU

Mitglied der Leibniz-Gemeinschaft

EGG'S MARKET STUDY IN ROMANIA IN 2011- 2016 PERIOD

CREȚU DIANA[1]

Abstract: *In this paper is presented poultry egg's market in 2011-2016 in Romania, highlighting issues such as: egg's production, price dynamics, annual average consumption, import value but also expert value. At present the production and sale of eggs for consumption in Romania is carried out in compliance with the provisions of Regulation No. 852/2004 on general rules for food hygiene, as subsequently amended and supplemented, Reg. C.E.nr. 111/2008 on the procedure for veterinary registration and food safety of products and for the production and direct or retail sale of animal food or non-animal. The research method used in the study is the statistical processing and economic analysis of the existing data for the period 2011-2016.*

Keywords: *poultry eggs market, price dynamics, consumption*

JEL Classification: *Q11; Q13; L11*

INTRODUCTION

The egg is a particularly valuable product for human nutrition due to its richness in nutrients indispensable to the body and the high degree of assimilation of the nutrients in its composition, the digestibility coefficient being between 80-95%.

The leading position in egg consumption is given by hen eggs, and on narrower scales duck, goose, turkey, quail eggs, differentiated by size and by the nutritional factors and the degree of assimilation of the nutrients in their composition.

The need for fresh eggs for the consumption of the population is ensured by businesses that have conditions for raising poultry meat as well as large eggs producing breeds.

MATERIAL AND METHOD

The research method used in the study is the statistical processing and the economic analysis of the data. The present study analyzed the egg market in the period 2007-2016, namely: production, price dynamics, egg consumption, value of imports and exports by site National Institute of Statistics (NIS) and MARD (Ministry of Agriculture and Rural Development).

RESULTS AND DISCUSSIONS

In Romania, according to NIS (Table 1), eggs production had considerable fluctuations in the period 2011-2016, and we notice that the largest production of egg production was in 2014, namely 6636 million pieces, and the highest small was registered in 2016 by 6182 million pieces most likely due to increased production costs.

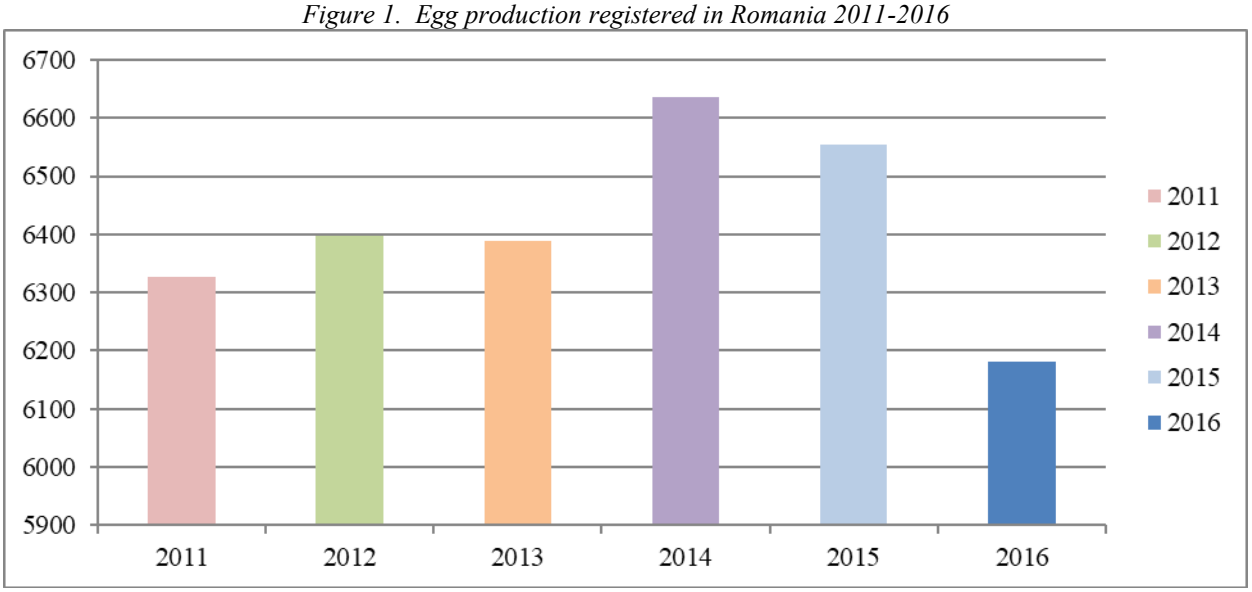
Table 1. Egg production registered in Romania 2011-2016 (mill. pcs.)

Years	2011	2012	2013	2014	2015	2016
Production of eggs	6327	6398	6388	6636	6555	6182

Source:NIS

[1] ASC CRETU DIANA ICEADR Bucharest, e-mail: cretu.diana@iceadr.ro

Figure 1. Egg production registered in Romania 2011-2016



In table no.2 shows the dynamics of prices from 2011 to 2016, showing a constant imbalance, namely in 2011 we have the price of 0.46 lei / piece and in 2016 0.51 lei / pcs highlighting a major increase.

Table 2. Average prices of eggs at farm gate

Agricultural product nomenclature	**Measurement units**	**Periods**					
		2011	2012	2013	2014	2015	2016
Chicken eggs	**Lei/ pcs**	0,46	0,59	0,48	0,48	0,52	0,51

Source: NIS

Figure 2. Price of eggs - 2011-2016

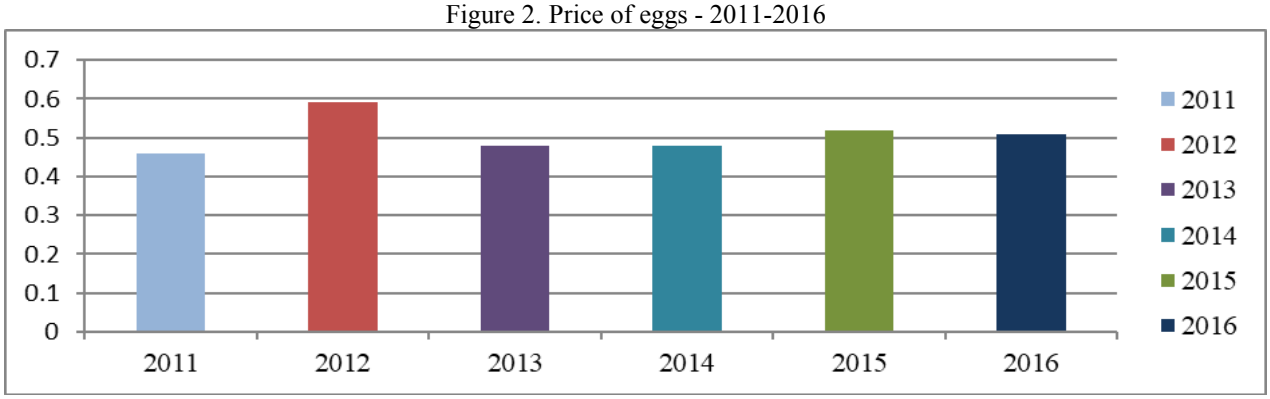


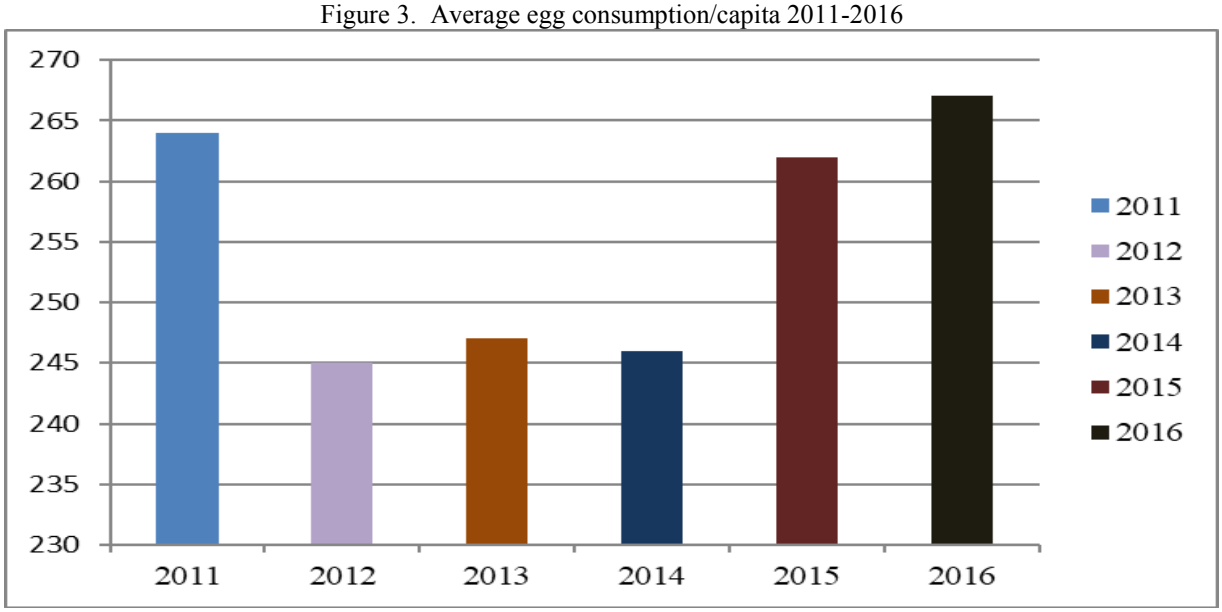
Table no. 3 shows the average annual consumption per capita, which declined in 2015 compared to 2011, which shows the instability of the Romanian market in the production of eggs and the necessity of imports.

Table 3. Annual eggs consumption per capita

Main food and beverages	**Measurement units**	**Periods**					
		2011	2012	2013	2014	2015	2016
Eggs	**Pieces**	264	245	247	246	262	267

Source:NIS

Figure 3. Average egg consumption/capita 2011-2016



The following tables show the significant difference between the value of imports of fresh and preserved eggs and that of exports. The value of imports is much higher than that of exports, this confirming Romania's deficit to ensure its self-consumption.

Table 4. Value of import

	Periods					
	2011	**2012**	**2013**	**2014**	**2015**	**2016**
Bird eggs in bark, fresh, preserved or cooked	Th. EURO	Th. EURO	Th. EURO	Th. EURO	Th. EURO	Th. EURO
	24375	18115	19719	21779	26602	24751

Source: NIS

Figure 4. Value of import (th.euro)

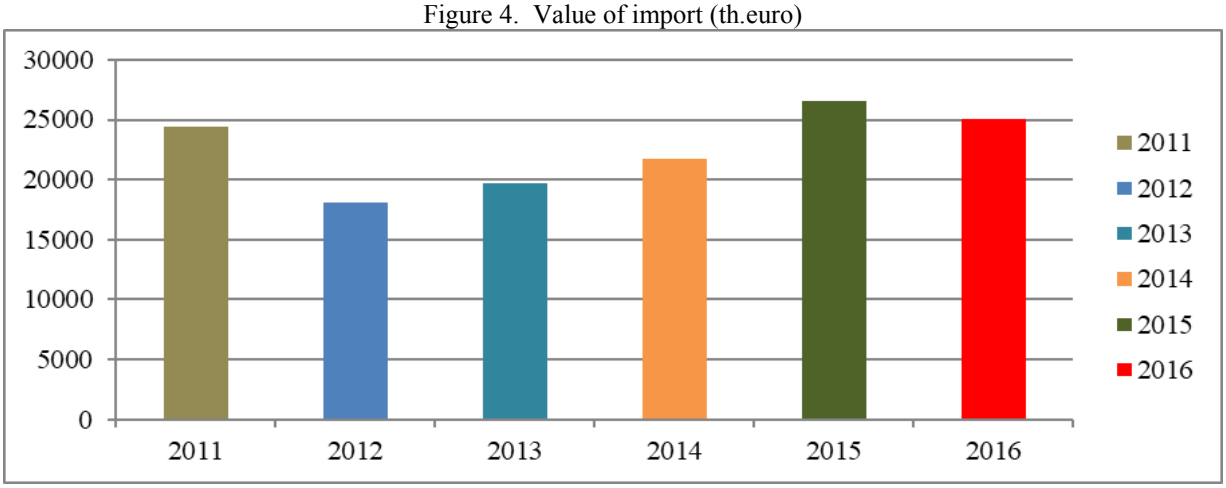
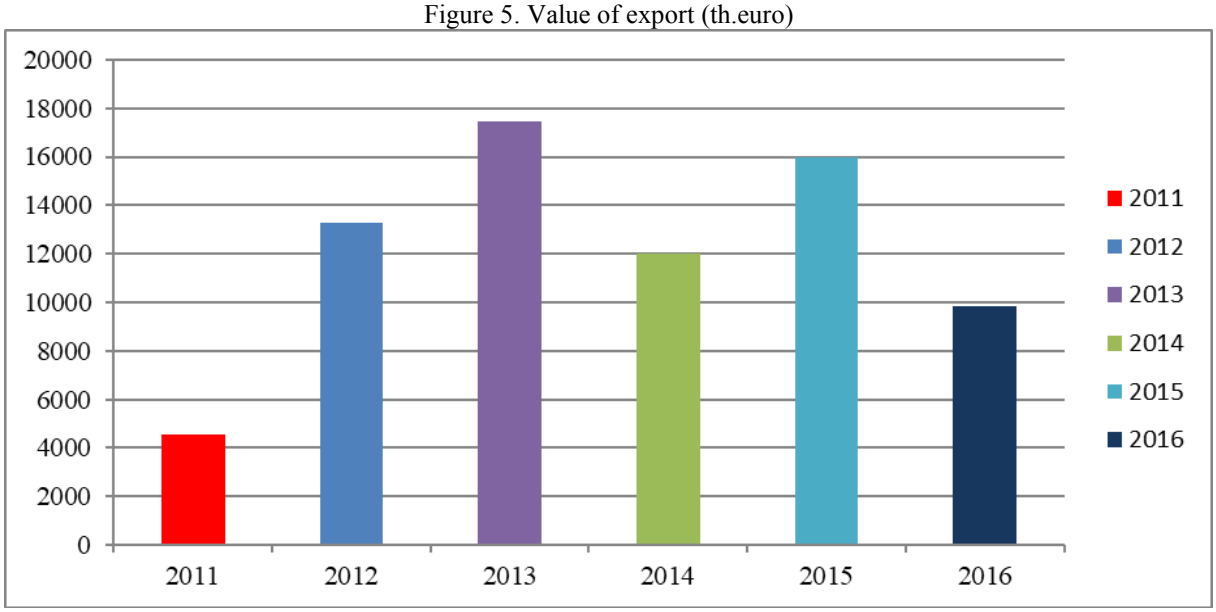


Table 5. Value of export

	Years					
Poultry eggs in bark, fresh, preserved or cooked	2011	2012	2013	2014	2015	2016
	Th. EURO	Th. EURO	Th. EURO	Th. EURO	Th. EURO	Th. EURO
	4568	13294	17433	11998	15970	9795

Source: NIS

Figure 5. Value of export (th.euro)



CONCLUSIONS

The egg is a particularly valuable product for human nutrition due to its richness in nutrients indispensable to the body and to the high degree of assimilation of the nutrients in its composition, the digestibility coefficient being between 80-95%.

The largest production of hen eggs in the period (2011-2016) was recorded in 2014, namely 6636 million pieces, and the smallest in 2011, registered 6182 million pieces in 2016.

In the studied report we observed an obvious increase in terms of price dynamics, namely in 2011 the price was 0.46 lei / pc and in 2016 0.51 lei / pc.

Annual average consumption declined in 2015 compared to 2011 due to the high price of eggs.

From the point of view of imports and exports of eggs, the value of imports is much higher than that of exports, which confirms the deficit of Romania to ensure its self-consumption.

The market for fresh eggs in Romania is heavily affected by seasonality, while sales in the retail sector almost doubled in the cold season, compared to the other months of the year, when in rural areas the eggs produced in the peasant farms are consumed.

Among the top five players in terms of volume, besides International Agricola and Toneli Holding, we find local producers such as Aviputna (which produces egg for consumption under the brand "From the yard") and Avicola Bucharest, as well as Fermy Drobiu Wozniak, one of the largest egg producers in Poland. These, together with retailers' own brands, hold 85% of the market.

BIBLIOGRAPHY

1. www.madr.ro
2. www.insse.ro
3. www.eurostat.ro
4. www.euromonitor.com