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# **PRESS RELEASE**

The Output Price Index in Agriculture and Livestock increased by 5.4% and the Input Price Index in Agriculture and Livestock decreased by 1.5% in December 2009 as compared to December 2008.

# INPUT AND OUTPUT PRICE INDICES IN AGRICULTURE - LIVESTOCK: December 2009

The <u>Output Price Index (excluding subsidies)</u> in December 2009, as compared to December 2008, increased by 5.4%. A year earlier, the index decreased by 14.2% (Table 1.I).

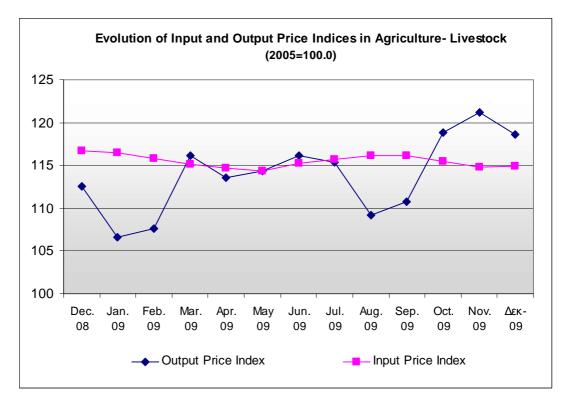
The Output Price Index in December 2009, as compared to November 2009, decreased by 2.1%. A year earlier, the index increased by 1.8% (Table 1.II).

In the twelve-month period January 2009 – December 2009, the annual average rate of the index change decreased by 0.1%. A year earlier, the annual average rate of the index change decreased by 3.3% (Table 3).

The <u>Input Price Index</u> in December 2009, as compared to December 2008, decreased by 1.5%. A year earlier, the index decreased by 0.9% (Table 2.II).

The Input Price Index in December 2009, as compared to November 2009, increased by 0.1%. A year earlier, the index decreased by 2.0% (Table 1).

In the twelve-month period January 2009 – December 2009, the annual average rate of the index change decreased by 6.0%. A year earlier, the annual average rate of the index change increased by 11.0% (Table 4).



#### Information:

Economic and Short-Term Indices Division

Wholesale Prices and Price Indices Section

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Table 1: Output Price Indices in Agricultural and Livestock Production

Base year: 2005=100.0

## I. Annual changes

Code	Main groups	Weights	December			Change (%)	
		Weights	2009	2008	2007	2009/2008	2008/2007
140000	Overall production	100000	118.6	112.5	131.1	5.4	-14.2
100000	Crop production	71504	120.9	112.4	139.4	7.5	-19.4
130000	Animal production	28496	112.3	112.6	108.2	-0.3	-20.4

# II. Monthly changes

Code				2009		2008		
	Main groups	Weights	December	November	Change (%)	December	November	Change (%)
140000	Overall production	100000	118.6	121.1	-2.1	112.5	110.4	1.8
100000	Crop production	71504	120.9	122.0	-0.9	112.4	109.8	2.4
130000	Animal production	28496	112.3	113.6	-1.1	112.6	115.7	-2.6

## Table 2: Input Price Indices in Agricultural and Livestock Production

Base year: 2005=100.0

## I. Annual changes

Code	Main groups	Weights	December			Change (%)	
		weights	2009	2008	2007	2009/2008	2008/2007
220000	Overall input	100000	114.9	116.7	117.7	-1.5	-0.9
200000	Intermediate input	64792	117.7	119.8	123.3	-1.8	-2.8
210000	Capital formation	35208	109.8	110.8	107.3	-0.9	3.3

# II. Monthly changes

Code			2009			2008		
	Main groups	Weights	December	November	Change (%)	December	November	Change (%)
220000	Overall input	100000	114.9	114.8	0.1	116.7	119.0	-2.0
200000	Intermediate input	64792	117.7	117.5	0.1	119.8	123.4	-2.9
210000	Capital formation	35208	109.8	109.8	0.0	110.8	110.9	0.0

### Notes:

- 1. The indices are calculated with infinite decimal figures and are rounded up to one decimal figure when published.
- 2. Percentage changes are calculated on the basis of the indices with infinite decimal figure and are rounded up to one decimal figure when published.

Table 3: Output Price Index in Agricultural and Livestock Changes

Base year: 2005=100.0

Year and	d Month	Overall Index	Monthly Changes (%)	Annual Changes (%)	12-month moving weighted average	12- month moving weighted average changes (%)
2007:	ı	104.8	-3.0	-1.7	107.4	6.9
	II	103.0	-1.7	-5.8	107.0	6.0
	III	105.9	2.8	-1.8	106.9	5.3
	IV	106.6	0.7	-4.1	106.5	4.2
	V	106.8	0.2	-1.5	106.4	3.6
	VI	104.6	-2.1	-2.9	106.1	2.8
	VII	112.7	7.7	4.3	106.4	1.9
	VIII	120.4	6.9	14.8	107.4	2.3
	IX	131.9	9.5	26.8	109.9	4.2
	Χ	132.8	0.7	25.6	113.6	7.0
	XI	135.2	1.8	24.0	116.4	8.8
	XII	131.1	-3.0	21.3	118.9	10.6
Annual A	Average	118.9			118.9	10.6
2008:	1	112.8	-14.0	7.6	119.4	11.2
	II	112.9	0.1	9.6	120.0	12.2
	III	114.3	1.2	7.9	120.7	12.9
	IV	115.4	0.9	8.2	121.4	14.0
	V	112.6	-2.4	5.5	121.8	14.5
	VI	111.1	-1.4	6.2	122.3	15.2
	VII	119.3	7.4	5.9	122.7	15.3
	VIII	122.7	2.9	1.9	122.9	14.4
	IX	127.7	4.1	-3.1	122.5	11.5
	Χ	111.6	-12.7	-16.0	119.6	5.3
	XI	110.4	-1.0	-18.3	116.9	0.4
	XII	112.5	1.8	-14.2	114.9	-3.3
Annual A	A <i>verage</i>	114.9			114.9	-3.3
2009:	1	106.6	-5.2	-5.5	114.5	-4.1
	II	107.6	0.9	-4.7	114.2	-4.9
	III	116.1	7.9	1.6	114.3	-5.2
	IV	113.6	-2.2	-1.6	114.2	-5.9
	V	114.4	0.7	1.6	114.3	-6.1
	VI	116.2	1.6	4.6	114.7	-6.2
	VII	115.3	-0.7	-3.3	114.4	-6.8
	VIII	109.2	-5.3	-11.0	113.6	-7.6
	IX	110.7	1.4	-13.3	112.1	-8.5
	Χ	118.8	7.3	6.5	113.1	-5.5
	XI	121.1	2.0	9.7	114.2	-2.3
	XII	118.6	-2.1	5.4	114.9	-0.1
Annual A	Average	114.9			114.9	-0.1

<sup>1.</sup> The indices are calculated with infinite decimal figures and are rounded up to one decimal figure when published

<sup>2.</sup> Percentage changes are calculated on the basis of the indices with five decimal figures and are rounded up to one decimal figure when published

Table 4: Input Price Index in Agricultural and Livestock Changes

Base year: 2005=100.0

Year and	d Month	Overall Index	Monthly Changes (%)	Annual Changes (%)	12-month moving average	12- month moving average changes (%)
2007:	1	105.6	0.1	3.8	104.2	3.8
	II	107.1	1.3	4.6	104.6	3.8
	III	107.5	0.4	4.3	104.9	3.9
	IV	107.7	0.2	3.8	105.3	3.9
	V	108.1	0.4	4.4	105.7	3.9
	VI	108.4	0.3	4.8	106.1	3.9
	VII	108.9	0.4	4.5	106.5	4.0
	VIII	110.2	1.3	5.5	106.9	4.1
	IX	113.0	2.5	8.2	107.6	4.5
	Χ	115.0	1.7	9.9	108.5	5.1
	XI	116.9	1.7	11.3	109.5	5.8
	XII	117.7	0.7	11.5	110.5	6.4
Annual	Average	110.5			110.5	6.4
2008:	I	119.9	1.9	13.5	111.7	7.2
	II	121.0	1.0	13.0	112.9	7.9
	III	122.6	1.3	14.1	114.1	8.7
	IV	123.3	0.5	14.4	115.4	9.6
	V	125.4	1.7	16.0	116.9	10.6
	VI	126.0	0.4	16.2	118.3	11.6
	VII	126.3	0.3	16.0	119.8	12.5
	VIII	125.7	-0.5	14.0	121.1	13.2
	IX	124.4	-1.1	10.1	122.0	13.3
	Χ	122.3	-1.6	6.4	122.6	13.0
	XI	119.0	-2.7	1.8	122.8	12.1
	XII	116.7	-2.0	-0.9	122.7	11.0
Annual	Average	122.7			122.7	11.0
2009:	I	116.5	-0.1	-2.8	122.4	9.6
	II	115.8	-0.6	-4.3	122.0	8.1
	III	115.1	-0.6	-6.1	121.4	6.4
	IV	114.6	-0.4	-7.0	120.7	4.5
	V	114.4	-0.2	-8.8	119.7	2.5
	VI	115.3	0.8	-8.5	118.8	0.4
	VII	115.7	0.3	-8.4	118.0	-1.5
	VIII	116.2	0.4	-7.6	117.2	-3.2
	IX	116.1	-0.1	-6.6	116.5	-4.5
	Χ	115.5	-0.5	-5.6	115.9	-5.5
	XI	114.8	-0.6	-3.6	115.5	-5.9
	XII	114.9	0.1	-1.5	115.4	-6.0
Annual A	Average	115.4			115.4	-6.0

Note:

<sup>1.</sup> The indices are calculated with infinite decimal figures and are rounded up to one decimal figure when published

<sup>2.</sup> Percentage changes are calculated on the basis of the indices with five decimal figures and are rounded up to one decimal figure when published

#### **METHODOLOGICAL NOTES**

#### Generally

The compilation of the Input and Output Price Indices in agriculture and livestock started in 1967 with base year 1966=100.0. With their current form are released from January 2005. when they replaced the previous indices with base year 2000.

# Purpose of the indices- definitions

The purpose of the Output Price Index is to measure the relative change of prices received by the producers in the agricultural – livestock sector. from the sale of their products. The purpose of the Input Price Index is to measure the change in the prices paid by them for the purchase of the means they use in the production process.

The Output Price Index is divided in the crop and the animal output index. The Input Price Index is compiled from the aggregation of the price indices of the intermediate inputs and the fixed capital formation goods.

For the Output Price Index the prices collected, are the market prices of the products. The market price is defined as the price received by the producer without the deduction of taxes or levies (except deductible VAT) and excluding subsidies.

For the Input Price Index the prices collected. refer to the prices paid by the producers. to buy the goods and services they need. for their agricultural and livestock production. excluding VAT and transport expenses.

#### Legal basis

The compilation of the Input and Output Indices in agriculture and livestock is based on voluntary agreements between Eurostat and the Member States. The foundations for these were laid in the early seventies.

#### Reference period Month

Base year 2005=100.0.

#### Revision

Input and Output price indices are fixed base year indices. These indices are updated every five (5) years in years ending in 0 or 5. The recent revision is with base year 2005=100.0. with January 2009 as first reference month.

# Statistical classification

According to the common methodology of the member states of EU and Eurostat. the groups of products of the Agricultural Price Indices follow the same classification of the groups in EAA (Economic Agricultural Accounts).

# Geographical coverage

The indices cover the whole country.

# Coverage of economic activities

The Input and Output Price Indices cover the transactions of products and services in the sections of agriculture and livestock. In addition, are covered the olive oil and must – wine transactions which are included in the manufacturing sector when their production – manufacturing process takes place at the level of agricultural unit and thus it is considered to be activity of the agricultural sector.

### Seasonality

Seasonality influences the agricultural and livestock production. having as a result. some products not to be available every month in a calendar year. Therefore, the annual weighing coefficients are divided only in the months when the products are available.

### Statistical survey

The sources of price collection are the agricultural cooperatives (unions). which collect the final products. as well as the commercial and the industrial enterprises. which buy the final products directly from their producers.

The price data for output are collected from approximately 734 sources and for input prices are collected from approximately 709 sources.

### **Publication of data**

The Input – Output Price Indices with the new base year (2005) are released from March 2009 with January 2009 as first reference month. The availability of time series with base year 2005=100.0 starts from January 2000.

#### References

More information about the methodology for the compilation and calculation of the indices and for the time series is available in the NSSG website (www.statistics.gr).