



HELLENIC REPUBLIC



HELLENIC STATISTICAL AUTHORITY

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PRESS RELEASE

INPUT AND OUTPUT PRICE INDICES IN AGRICULTURE – LIVESTOCK: January 2016

The evolution of the Input and Output Price Indices in Agriculture–Livestock, with base year 2010=100.0 for January 2016, according to provisional data, is as follows:

The Output Price Index in Agriculture and Livestock (excluding subsidies) decreased by 2.5 in January 2016, compared with January 2015. A year ago, the index increased by 3.5% (Table 1).

The Output Price Index in January 2016, compared with December 2015, decreased by 2.8%. A year ago, the index decreased by 0.1% (Table 2).

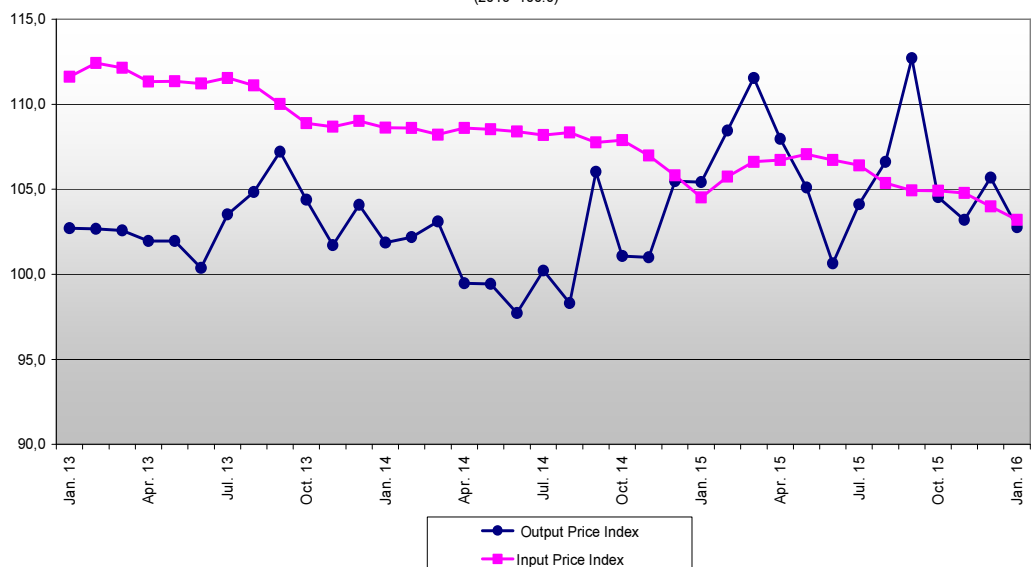
The twelve-month weighted average index, from February 2015 to January 2016, compared with the same index of the period from February 2014 to January 2015 increased by 4.4%. A year ago, the twelve-month weighted average index decreased by 1.5% (Table 3).

The Input Price Index in Agriculture and Livestock decreased by 1.3% in January 2016, compared with January 2015. A year ago, the index decreased by 3.8% (Table 4).

The Input Price Index in January 2016, compared with December 2015, decreased by 0.8%. A year ago, the index decreased by 1.2% (Table 5).

The twelve-month average index, from February 2015 to January 2016, compared with the same index of the period from February 2014 to January 2015 decreased by 2.0%. A year ago, the twelve-month average index decreased by 2.6% (Table 6).

Evolution of Input and Output Price Indices in Agriculture - Livestock
(2010=100.0)



Information:

Economic and Short-Term
Indices Division

Wholesale Prices and
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Table 1: Output Price Indices in Agricultural and Livestock Production – Annual changes

Base year: 2010=100.0

| Code | Main groups | Weights | January | | | Change (%) | |
|--------|--|---------|------------------|-------|-------|------------|-----------|
| | | | 2016 | 2015 | 2014 | 2016/2015 | 2015/2014 |
| 140000 | AGRICULTURAL GOODS OUTPUT (100000+130000). including fruits (060000) and vegetables (040000) | 100.000 | 102.8 | 105.4 | 101.9 | -2.5 | 3.5 |
| 141000 | AGRICULTURAL GOODS OUTPUT (101000+130000). excluding fruits (060000) and vegetables (040000) | 60.359 | 107.5 | 106.7 | 105.1 | 0.7 | 1.6 |
| 100000 | CROP OUTPUT (010000 TO 090000). including fruits (060000) and vegetables (040000) | 70.812 | 104.8 | 108.6 | 102.0 | -3.5 | 6.4 |
| 101000 | CROP OUTPUT (010000 TO 090000). excluding fruits (060000) and vegetables (040000) | 31.171 | 122.7 | 117.3 | 112.5 | 4.6 | 4.2 |
| 010000 | Cereals (including seeds) | 9.708 | 110.8 | 104.6 | 107.8 | 5.9 | -2.9 |
| 020000 | Industrial Crops | 5.227 | 74.4 | 72.4 | 85.5 | 2.8 | -15.4 |
| 030000 | Forage Plants | 3.963 | 104.5 | 108.7 | 106.5 | -3.8 | 2.0 |
| 040000 | Vegetables and Horticultural Products | 20.594 | 91.0 | 109.2 | 88.3 | -16.7 | 23.7 |
| 050000 | Potatoes (including seeds) | 3.442 | 103.8 | 94.4 | 110.1 | 9.9 | -14.2 |
| 060000 | Fruits | 19.047 | 93.1 | 95.0 | 101.4 | -1.9 | -6.4 |
| 070000 | Wine (incl. must) | 415 | 108.9 | 108.3 | 107.5 | 0.6 | 0.7 |
| 080000 | Olive Oil | 8.280 | 143.3 | 135.0 | 119.0 | 6.2 | 13.4 |
| 090000 | Other Crop Products | 137 | - ⁽³⁾ | - | - | - | - |
| 130000 | ANIMAL OUTPUT (110000+120000) | 29.188 | 100.5 | 101.9 | 101.7 | -1.3 | 0.2 |
| 110000 | Animals | 14.677 | 97.5 | 100.1 | 100.5 | -2.6 | -0.3 |
| 120000 | Animal Products | 14.511 | 102.1 | 102.8 | 102.3 | -0.7 | 0.5 |

Note:

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
3. Index is not calculated due to seasonality

Table 2: Output Price Indices in Agricultural and Livestock Production – Monthly changes

Base year: 2010=100.0

| Code | Main groups | Weights | January 2016 | December 2015 | Change (%) | January 2015 | December 2014 | Change (%) |
|--------|--|---------|-------------------|---------------|------------|--------------|---------------|------------|
| 140000 | AGRICULTURAL GOODS OUTPUT (100000+130000). including fruits (060000) and vegetables (040000) | 100.000 | 102.8 | 105.7 | -2.8 | 105.4 | 105.5 | -0.1 |
| 141000 | AGRICULTURAL GOODS OUTPUT (101000+130000). excluding fruits (060000) and vegetables (040000) | 60.359 | 107.5 | 107.4 | 0.1 | 106.7 | 107.0 | -0.2 |
| 100000 | CROP OUTPUT (010000 TO 090000). including fruits (060000) and vegetables (040000) | 70.812 | 104.8 | 108.4 | -3.3 | 108.6 | 107.2 | 1.3 |
| 101000 | CROP OUTPUT (010000 TO 090000). excluding fruits (060000) and vegetables (040000) | 31.171 | 122.7 | 113.3 | 8.3 | 117.3 | 111.1 | 5.6 |
| 010000 | Cereals (including seeds) | 9.708 | 110.8 | 112.2 | -1.3 | 104.6 | 112.1 | -6.7 |
| 020000 | Industrial Crops | 5.227 | 74.4 | 79.1 | -5.9 | 72.4 | 80.2 | -9.7 |
| 030000 | Forage Plants | 3.963 | 104.5 | 103.3 | 1.2 | 108.7 | 109.8 | -1.1 |
| 040000 | Vegetables and Horticultural Products | 20.594 | 91.0 | 91.6 | -0.7 | 109.2 | 91.5 | 19.3 |
| 050000 | Potatoes (including seeds) | 3.442 | 103.8 | 100.6 | 3.2 | 94.4 | 90.0 | 4.9 |
| 060000 | Fruits | 19.047 | 93.1 | 108.6 | -14.2 | 95.0 | 109.2 | -13.1 |
| 070000 | Wine (incl. must) | 415 | 108.9 | 107.5 | 1.3 | 108.3 | 107.9 | 0.4 |
| 080000 | Olive Oil | 8.280 | 143.3 | 142.8 | 0.4 | 135.0 | 132.1 | 2.2 |
| 090000 | Other Crop Products | 137 | -(³) | 115.9 | - | - | 102.4 | - |
| 130000 | ANIMAL OUTPUT (110000+120000) | 29.188 | 100.5 | 99.7 | 0.9 | 101.9 | 101.6 | 0.2 |
| 110000 | Animals | 14.677 | 97.5 | 97.3 | 0.2 | 100.1 | 99.6 | 0.5 |
| 120000 | Animal Products | 14.511 | 102.1 | 112.2 | -9.0 | 102.8 | 112.4 | -8.5 |

Note:

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.
3. Index is not calculated due to seasonality

Table 3: Output Price Index in Agricultural and Livestock Changes

Base year: 2010=100.0

| Year and Month | Overall Index | Monthly Changes (%) | Annual Changes (%) | 12-month moving weighted average | 12- month moving weighted average changes (%) |
|-----------------------|---------------|---------------------|--------------------|----------------------------------|---|
| 2014: | | | | | |
| I | 101.9 | -2.1 | -0.8 | 103.2 | 1.4 |
| II | 102.2 | 0.3 | -0.5 | 103.2 | 1.3 |
| III | 103.1 | 0.9 | 0.5 | 103.2 | 1.2 |
| IV | 99.5 | -3.5 | -2.4 | 103.0 | 0.6 |
| V | 99.4 | 0.0 | -2.5 | 102.8 | 0.1 |
| VI | 97.7 | -1.7 | -2.6 | 102.6 | -0.6 |
| VII | 100.2 | 2.6 | -3.2 | 102.3 | -1.1 |
| VIII | 98.3 | -1.9 | -6.2 | 101.8 | -1.9 |
| IX | 106.0 | 7.9 | -1.1 | 101.7 | -1.8 |
| X | 101.1 | -4.7 | -3.2 | 101.4 | -2.0 |
| XI | 101.0 | -0.1 | -0.7 | 101.3 | -2.1 |
| XII | 105.5 | 4.4 | 1.3 | 101.4 | -1.8 |
| <i>Annual Average</i> | 101.4 | | | 101.4 | -1.8 |
| 2015: | | | | | |
| I | 105.4 | -0.1 | 3.5 | 101.6 | -1.5 |
| II | 108.4 | 2.9 | 6.1 | 102.1 | -1.1 |
| III | 111.5 | 2.9 | 8.2 | 102.7 | -0.5 |
| IV | 108.0 | -3.2 | 8.5 | 103.4 | 0.4 |
| V | 105.1 | -2.6 | 5.7 | 103.9 | 1.0 |
| VI | 100.6 | -4.2 | 3.0 | 104.1 | 1.5 |
| VII | 104.1 | 3.4 | 3.9 | 104.4 | 2.1 |
| VIII | 106.6 | 2.4 | 8.5 | 105.0 | 3.1 |
| IX | 112.7 | 5.7 | 6.3 | 105.7 | 3.9 |
| X | 104.5 | -7.3 | 3.4 | 106.1 | 4.7 |
| XI | 103.2 | -1.3 | 2.2 | 106.3 | 4.9 |
| XII | 105.7 | 2.4 | 0.2 | 106.3 | 4.8 |
| <i>Annual Average</i> | 106.3 | | | 106.3 | 4.8 |
| 2016: | | | | | |
| I | 102.8 | -2.8 | -2.5 | 106.1 | 4.4 |
| II | | | | | |
| III | | | | | |
| IV | | | | | |
| V | | | | | |
| VI | | | | | |
| VII | | | | | |
| VIII | | | | | |
| IX | | | | | |
| X | | | | | |
| XI | | | | | |
| XII | | | | | |
| <i>Annual Average</i> | | | | | |

Note:

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 five decimal figures and are rounded up to one decimal figure when published.

Table 4: Input Price Indices in Agricultural and Livestock Production – Annual changes

Base year: 2010=100.0

| Code | Main groups | Weights | January | | | Change (%) | |
|--------|--|---------|---------|-------|-------|------------|-----------|
| | | | 2016 | 2015 | 2014 | 2016/2015 | 2015/2014 |
| 220000 | Input Total | 100.000 | 103.2 | 104.5 | 108.6 | -1.3 | -3.8 |
| 200000 | Goods and services currently consumed in agriculture | 72.986 | 104.1 | 106.0 | 111.4 | -1.7 | -4.9 |
| 201000 | Seeds and planting stock | 4.465 | 105.0 | 102.9 | 102.4 | 2.0 | 0.5 |
| 202000 | Energy and lubricants | 22.215 | 89.3 | 98.7 | 117.0 | -9.6 | -15.6 |
| 203000 | Fertilizers and soil improvers | 5.634 | 120.2 | 117.1 | 119.6 | 2.6 | -2.1 |
| 204000 | Plant protection products and pesticides | 3.618 | 101.9 | 101.5 | 101.8 | 0.4 | -0.3 |
| 205000 | Veterinary expenses | 1.488 | 105.0 | 104.4 | 103.8 | 0.5 | 0.6 |
| 206000 | Animal feedingstuffs | 28.083 | 112.0 | 110.2 | 110.0 | 1.6 | 0.2 |
| 207000 | Maintenance of materials | 2.778 | 106.1 | 106.2 | 107.7 | -0.1 | -1.4 |
| 208000 | Maintenance of buildings | 261 | 99.1 | 99.3 | 101.4 | -0.2 | -2.1 |
| 209000 | Other goods and services | 4.444 | 108.0 | 108.9 | 104.1 | -0.8 | 4.5 |
| 210000 | Goods and services contributing to agricultural investment | 27.014 | 100.7 | 100.6 | 101.1 | 0.1 | -0.5 |
| 211000 | Materials | 21.685 | 102.6 | 102.0 | 102.0 | 0.5 | 0.0 |
| 211110 | Rotovators and other 2 wheel equipment | 1.483 | 98.8 | 98.2 | 98.7 | 0.6 | -0.5 |
| 211120 | Machinery and plant for cultivation | 2.155 | 108.4 | 106.3 | 104.6 | 2.0 | 1.7 |
| 211130 | Machinery and plant for harvesting | 2.080 | 103.4 | 102.7 | 102.6 | 0.7 | 0.1 |
| 211140 | Farm machinery and installations | 4.214 | 103.2 | 102.8 | 102.7 | 0.5 | 0.0 |
| 211210 | Tractors | 613 | 103.8 | 103.9 | 102.6 | -0.1 | 1.2 |
| 211290 | Other vehicles | 11.140 | 101.4 | 101.2 | 101.6 | 0.2 | -0.3 |
| 212000 | Buildings | 5.329 | 93.0 | 94.6 | 97.3 | -1.7 | -2.8 |

Note:

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 five decimal figures and are rounded up to one decimal figure when published.

Table 5: Input Price Indices in Agricultural and Livestock Production – Monthly changes

Base year: 2010=100.0

| Code | Main groups | Weights | January 2016 | December 2015 | Change (%) | January 2015 | December 2014 | Change (%) |
|--------|--|---------|--------------|---------------|------------|--------------|---------------|------------|
| 220000 | Input Total | 100.000 | 103.2 | 104.0 | -0.8 | 104.5 | 105.8 | -1.2 |
| 200000 | Goods and services currently consumed in agriculture | 72.986 | 104.1 | 105.2 | -1.0 | 106.0 | 107.7 | -1.6 |
| 201000 | Seeds and planting stock | 4.465 | 105.0 | 104.7 | 0.3 | 102.9 | 102.8 | 0.1 |
| 202000 | Energy and lubricants | 22.215 | 89.3 | 93.7 | -4.8 | 98.7 | 105.0 | -6.0 |
| 203000 | Fertilizers and soil improvers | 5.634 | 120.2 | 120.2 | 0.0 | 117.1 | 116.7 | 0.3 |
| 204000 | Plant protection products and pesticides | 3.618 | 101.9 | 102.0 | -0.1 | 101.5 | 101.8 | -0.3 |
| 205000 | Veterinary expenses | 1.488 | 105.0 | 105.1 | -0.1 | 104.4 | 104.8 | -0.4 |
| 206000 | Animal feedingstuffs | 28.083 | 112.0 | 111.2 | 0.7 | 110.2 | 109.6 | 0.6 |
| 207000 | Maintenance of materials | 2.778 | 106.1 | 106.5 | -0.4 | 106.2 | 106.5 | -0.3 |
| 208000 | Maintenance of buildings | 261 | 99.1 | 99.3 | -0.2 | 99.3 | 100.1 | -0.8 |
| 209000 | Other goods and services | 4.444 | 108.0 | 108.0 | 0.0 | 108.9 | 109.1 | -0.2 |
| 210000 | Goods and services contributing to agricultural investment | 27.014 | 100.7 | 100.7 | -0.1 | 100.6 | 100.8 | -0.2 |
| 211000 | Materials | 21.685 | 102.6 | 102.6 | 0.0 | 102.0 | 102.2 | -0.1 |
| 211110 | Rotovators and other 2 wheel equipment | 1.483 | 98.8 | 98.6 | 0.2 | 98.2 | 98.4 | -0.2 |
| 211120 | Machinery and plant for cultivation | 2.155 | 108.4 | 108.6 | -0.1 | 106.3 | 106.2 | 0.1 |
| 211130 | Machinery and plant for harvesting | 2.080 | 103.4 | 103.4 | 0.0 | 102.7 | 102.5 | 0.2 |
| 211140 | Farm machinery and installations | 4.214 | 103.2 | 103.2 | 0.1 | 102.8 | 102.6 | 0.1 |
| 211210 | Tractors | 613 | 103.8 | 104.1 | -0.3 | 103.9 | 103.1 | 0.7 |
| 211290 | Other vehicles | 11.140 | 101.4 | 101.4 | 0.0 | 101.2 | 101.7 | -0.4 |
| 212000 | Buildings | 5.329 | 93.0 | 93.3 | -0.3 | 94.6 | 95.3 | -0.7 |

Note:

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 five decimal figures and are rounded up to one decimal figure when published.

Table 6: Input Price Index in Agricultural and Livestock Changes

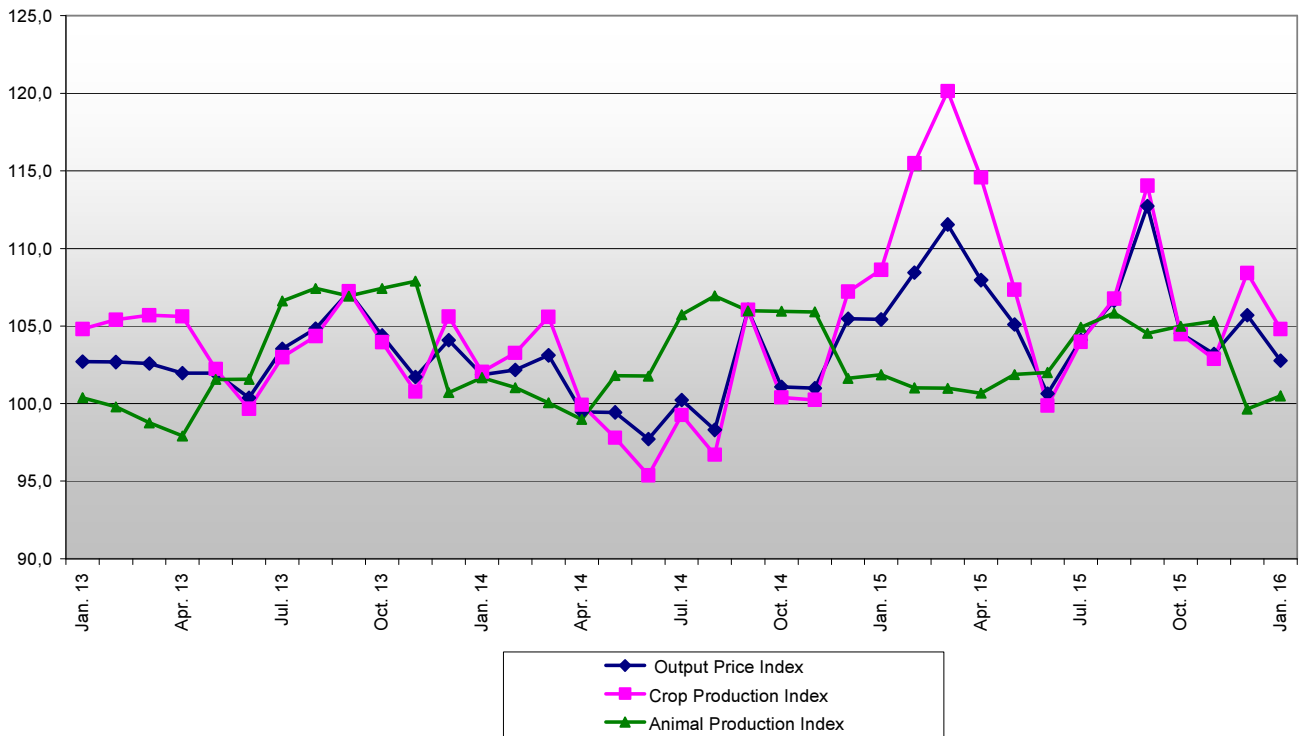
Base year: 2010=100.0

| Year and Month | | Overall Index | Monthly Changes (%) | Annual Changes (%) | 12-month moving average | 12- month moving average changes (%) |
|-----------------------|------|---------------|---------------------|--------------------|-------------------------|--------------------------------------|
| 2014: | I | 108.6 | -0.4 | -2.7 | 110.5 | -0.9 |
| | II | 108.6 | 0.0 | -3.4 | 110.2 | -1.3 |
| | III | 108.2 | -0.3 | -3.5 | 109.9 | -1.6 |
| | IV | 108.6 | 0.4 | -2.5 | 109.7 | -1.8 |
| | V | 108.6 | 0.0 | -2.5 | 109.4 | -2.0 |
| | VI | 108.4 | -0.2 | -2.5 | 109.2 | -2.3 |
| | VII | 108.2 | -0.2 | -3.0 | 108.9 | -2.6 |
| | VIII | 108.3 | 0.1 | -2.5 | 108.7 | -2.7 |
| | IX | 107.8 | -0.5 | -2.0 | 108.5 | -2.6 |
| | X | 107.9 | 0.1 | -0.9 | 108.4 | -2.5 |
| | XI | 107.0 | -0.8 | -1.5 | 108.3 | -2.4 |
| | XII | 105.8 | -1.1 | -2.9 | 108.0 | -2.5 |
| <i>Annual Average</i> | | 108.0 | | | 108.0 | -2.5 |
| 2015: | I | 104.5 | -1.2 | -3.8 | 107.7 | -2.6 |
| | II | 105.7 | 1.2 | -2.6 | 107.4 | -2.5 |
| | III | 106.6 | 0.8 | -1.5 | 107.3 | -2.4 |
| | IV | 106.7 | 0.1 | -1.7 | 107.1 | -2.3 |
| | V | 107.1 | 0.3 | -1.4 | 107.0 | -2.2 |
| | VI | 106.7 | -0.3 | -1.6 | 106.9 | -2.1 |
| | VII | 106.4 | -0.3 | -1.6 | 106.7 | -2.0 |
| | VIII | 105.4 | -1.0 | -2.7 | 106.5 | -2.0 |
| | IX | 104.9 | -0.4 | -2.6 | 106.2 | -2.1 |
| | X | 104.9 | 0.0 | -2.8 | 106.0 | -2.2 |
| | XI | 104.8 | -0.1 | -2.1 | 105.8 | -2.3 |
| | XII | 104.0 | -0.8 | -1.7 | 105.6 | -2.2 |
| <i>Annual Average</i> | | 105.6 | | | 105.6 | -2.2 |
| 2016: | I | 103.2 | -0.8 | -1.3 | 105.5 | -2.0 |
| | II | | | | | |
| | III | | | | | |
| | IV | | | | | |
| | V | | | | | |
| | VI | | | | | |
| | VII | | | | | |
| | VIII | | | | | |
| | IX | | | | | |
| | X | | | | | |
| | XI | | | | | |
| | XII | | | | | |
| <i>Annual Average</i> | | | | | | |

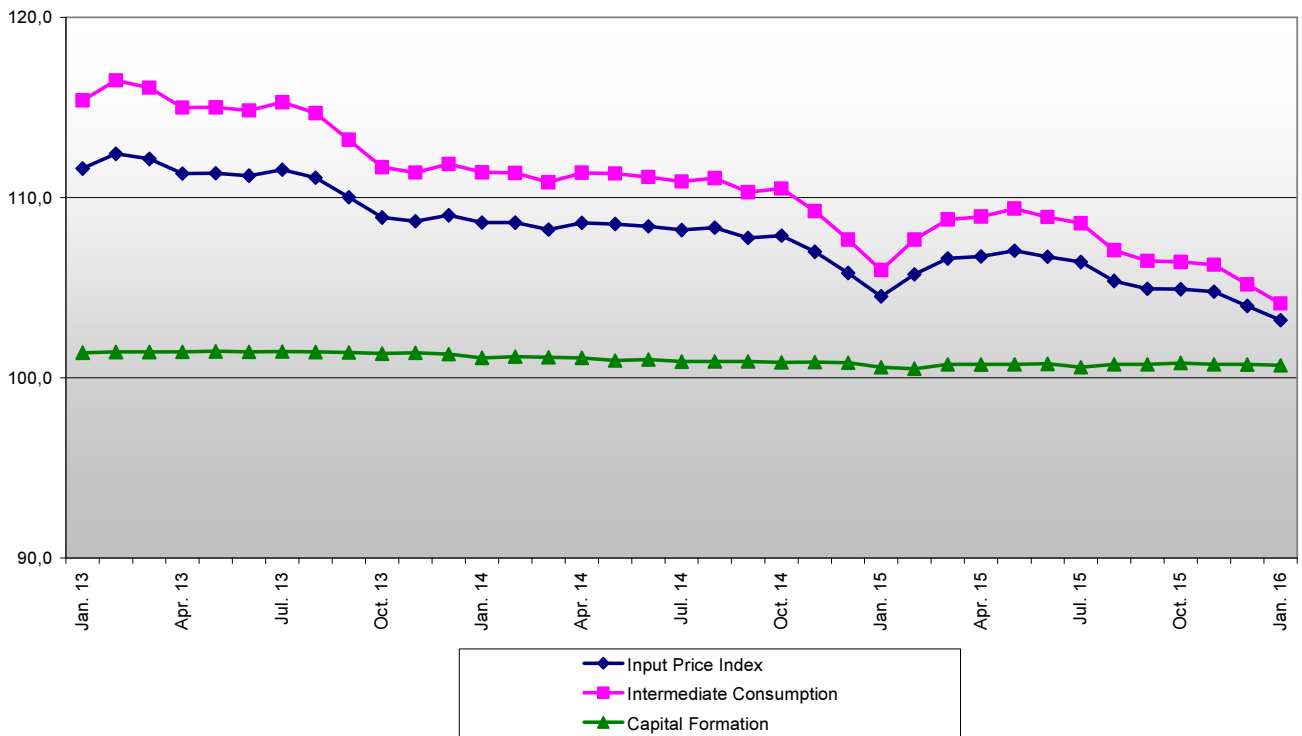
Note:

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 five decimal figures and are rounded up to one decimal figure when published.

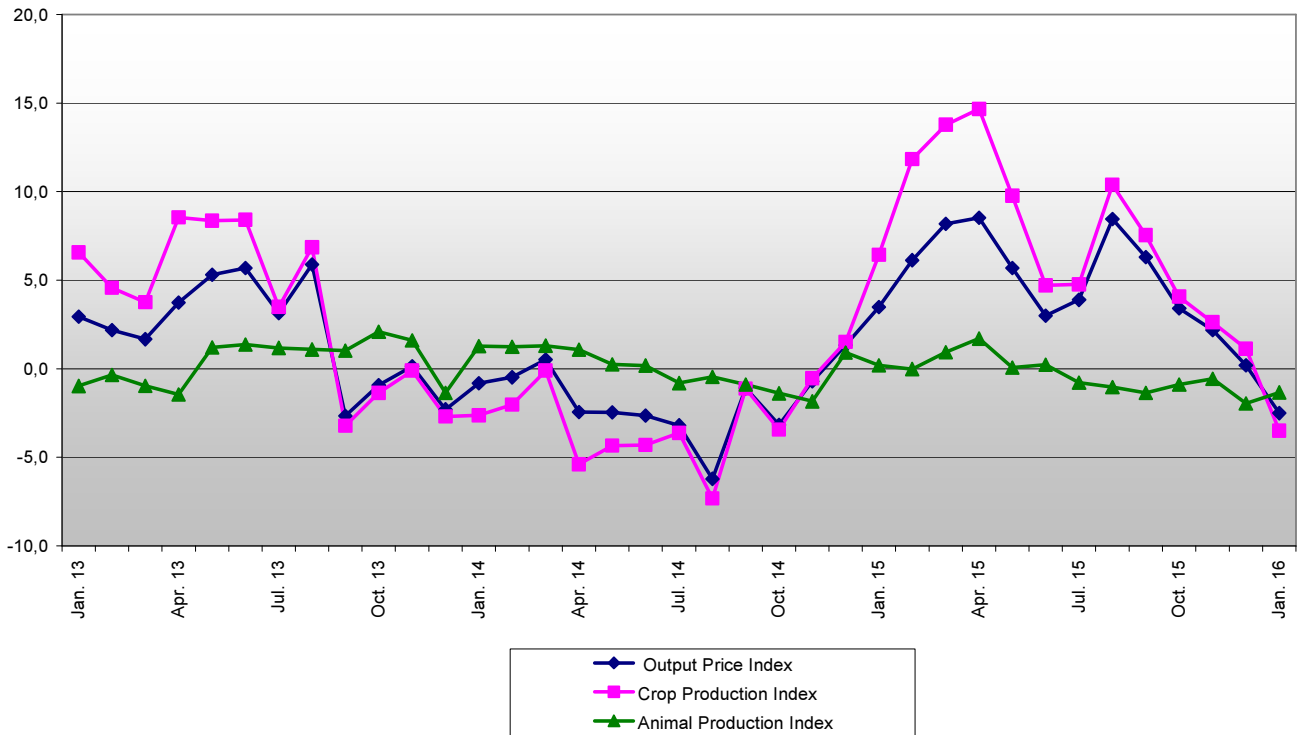
Graph 1: Evolution of the Output Price Index in Agriculture – Livestock and of the groups of Crop and Animal Production (2010=100.0)



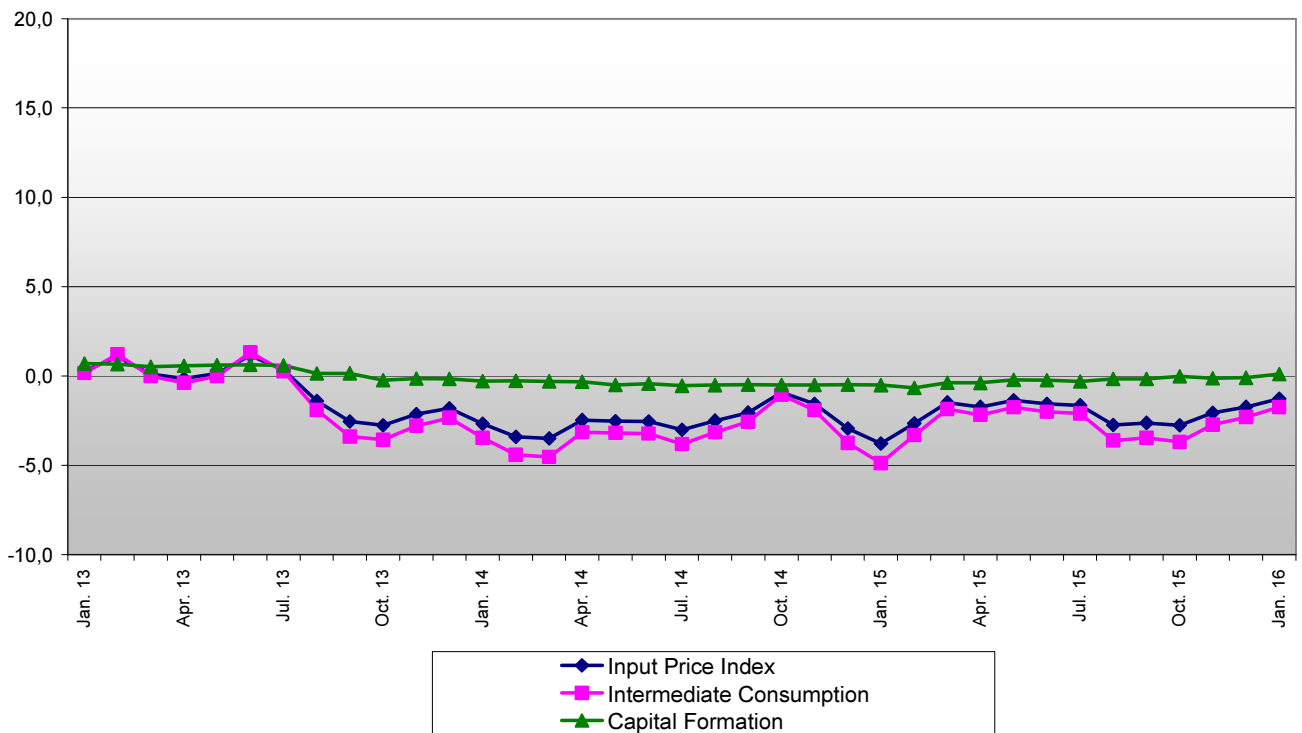
Graph 2: Evolution of the Input Price Index in Agriculture – Livestock and of the groups of Intermediate Consumption and Capital Formation (2010=100.0)



Graph 3: Annual changes of the Output Price Index in Agriculture – Livestock and of the Indices of Crop and Animal Production (2010=100.0)



Graph 4: Annual changes of the Input Price Index in Agriculture – Livestock and of the Indices of Intermediate Consumption and Capital Formation (2010=100.0)



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. These indices are being released with their current form since April 2013, when they replaced the previous indices with base year 2005=100.0. |
| Purpose of the indices– definitions | <p>The purpose of the Output Price Index is to measure the relative change of prices that the producers receive in the agricultural – livestock sector of the sale of their products. The purpose of the Input Price Index is to measure the change in the prices paid by producers for the purchase of the means, goods and services, they use in the production process.</p> <p>The Output Price Index is divided into the crop and the animal output index. The Input Price Index is compiled from the aggregation of the price indices of the intermediate means and the fixed capital formation goods.</p> <p>As regards 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 subsidies, transport expenses and excluding VAT or other taxes or levies.</p> <p>As regards the Input Price Index, the collected prices refer to the prices paid for by the producers to buy the goods and services they need for their agricultural and livestock production, excluding VAT and transport expenses.</p> |
| Legal basis | The compilation of the Input and Output Price Indices in agriculture and livestock sector is based on voluntary agreements between Eurostat and the Member States. The foundations for these agreements were laid in the early seventies. |
| Reference period | Month |
| Base year | 2010=100.0. |
| Revision | Input and Output price indices are fixed base year indices. The most recent revision is with base year 2010=100.0, with April 2013 as first reference month. The revision was carried out in the framework agreement of the Member States of the European Union (EU), where it is obligatory, for reasons of comparability, these indicators be revised every five (5) years and specifically in years that end in (0) and (5). |
| Statistical classification | According to the common methodology of the member EU states of and Eurostat, the groups of products of the Agricultural Price Indices follow the same classification of the groups as 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 for products and services in the sector of agriculture and livestock. In addition, the olive oil and must – wine transactions are covered, 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 an activity of the agricultural sector. |
| Seasonality | Seasonality of products influences the agricultural and livestock production and as a result some products are not available every month in a calendar year. Therefore, the annual weighting coefficients are divided only in the months when the products are available. |
| Statistical survey | <p>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 the producers.</p> <p>The price data for the output price index are collected from approximately 783 sources and those for input prices are collected from approximately 760 sources.</p> |
| Publication of data | The Input – Output Price Indices with the new base year (2010) are being released since June 2013 with the April 2013 data as first reference month. The time series with base year 2010=100.0 are available from January 2000 onwards. |
| References | More information on the methodology concerning the compilation and calculation of the indices and for the time series is available on the ELSTAT Website: http://www.statistics.gr/en/statistics/-/publication/DKT30/ . |