



PRESS RELEASE

INPUT AND OUTPUT PRICE INDICES IN AGRICULTURE – LIVESTOCK: JUNE 2020

The evolution of the Input and Output Price Indices with base year 2015=100.0 for June 2020, according to provisional data, is as follows:

The Output Price Index in Agriculture – Livestock (excluding subsidies) decreased by 0.4% in June 2020, compared with June 2019. The corresponding index in June 2019 had recorded an increase of 3.2%, compared with June 2018 (Table 1, Graph 1).

The decrease of 0.4% in the Output Price Index in June 2020 compared with June 2019 is on account of (Table 1) decrease 1.7% of the price index in crop output group and mainly on the rates of change of the groups: olive oil and potatoes (including seeds).

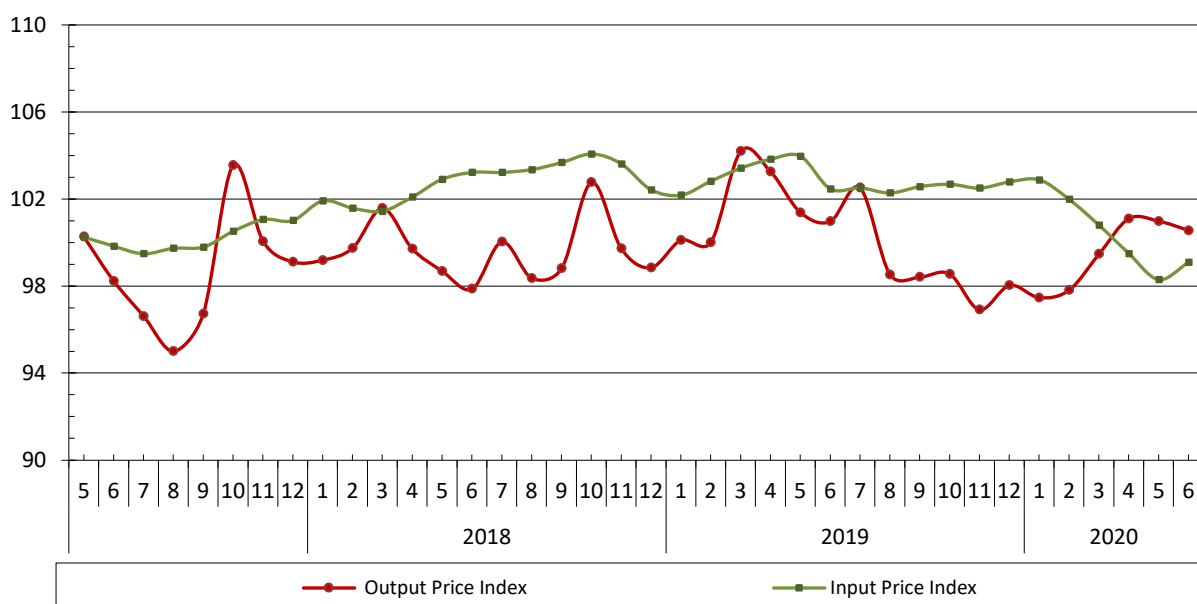
The Output Price Index in June 2020 decreased by 0.4%, in comparison with May 2020 (Table 2).

The twelve-month weighted average output index from July 2019 to June 2020 decreased by 1.5%, compared with the corresponding index of the period from July 2018 to June 2019 (Table 3).

The Input Price Index in Agriculture – Livestock decreased by 3.3% in June 2020, compared with June 2019. The corresponding index in June 2019 had recorded a decrease of 0.7%, compared with June 2018 (Table 4, Graph 1).

The change in the Input Price Index in June 2020 compared with June 2019 (decrease of 3.3%), is on account of (Table 4): a) decrease 4.0% of the price index in goods and services currently consumed in agriculture group and mainly on the rates of change of the group energy and lubricants and b) increase 0.3% of the price index in goods and services contributing to agricultural investment group and mainly on the rates of change of the group materials.

Graph 1. Evolution of Input and Output Price Indices in Agriculture – Livestock (2015=100.0)



Information on methodological issues:

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The Input Price Index in June 2020, increased by 0.8%, in comparison with May 2020 (Table 5).

The twelve-month average input index from July 2019 to June 2020, decreased by 1.7% compared with the corresponding index of the period from July 2018 to June 2019 (Table 6).

Table 1. Annual rates of change of the Output Price Indices in Agriculture – Livestock

Base year: 2015=100.0

| Code | Main groups | Monthly weighting coefficient (%) | June | | | Change (%) | |
|--------|---------------------------------------|-----------------------------------|-------|-------|-------|------------|-----------|
| | | | 2020 | 2019 | 2018 | 2020/2019 | 2019/2018 |
| 140000 | AGRICULTURAL GOODS OUTPUT | 8.70 | 100.6 | 101.0 | 97.9 | -0.4 | 3.2 |
| 100000 | CROP OUTPUT | 5.62 | 103.5 | 105.3 | 99.5 | -1.7 | 5.8 |
| 010000 | Cereals (including seeds) | 0.08 | 107.7 | 107.8 | 98.7 | -0.1 | 9.2 |
| 020000 | Industrial crops | 0.07 | 119.7 | 119.7 | 139.7 | 0.0 | -14.3 |
| 030000 | Forage plants | 0.35 | 81.1 | 78.9 | 79.9 | 2.7 | -1.2 |
| 040000 | Vegetables and horticultural Products | 1.37 | 109.2 | 111.3 | 108.7 | -1.9 | 2.4 |
| 050000 | Potatoes (including seeds) | 0.37 | 96.1 | 121.5 | 94.9 | -20.9 | 28.0 |
| 060000 | Fruits | 2.41 | 118.0 | 108.4 | 96.9 | 8.9 | 11.9 |
| 070000 | Wine (incl. must) | 0.02 | 97.8 | 98.4 | 98.4 | -0.7 | 0.1 |
| 080000 | Olive oil | 0.94 | 67.9 | 90.8 | 98.8 | -25.2 | -8.1 |
| 090000 | Other crop products | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130000 | ANIMAL OUTPUT | 3.07 | 95.1 | 93.1 | 94.9 | 2.2 | -1.9 |
| 110000 | Animals | 1.02 | 98.1 | 96.5 | 95.6 | 1.7 | 0.9 |
| 120000 | Animal products | 2.05 | 93.6 | 91.4 | 94.5 | 2.5 | -3.3 |

Note: The indices and the percentage changes are published rounded up to one decimal figure.

Table 2. Monthly rates of change of the Output Price Indices in Agriculture – Livestock

Base year: 2015=100.0

| Code | Main groups | Weighting coefficient (%) | June 2020 | May 2020 | Change (%) | June 2019 | May 2019 | Change (%) |
|--------|---------------------------------------|---------------------------|-----------|----------|------------|-----------|----------|------------|
| 140000 | AGRICULTURAL GOODS OUTPUT | 100.00 | 100.6 | 101.0 | -0.4 | 101.0 | 101.4 | -0.4 |
| 100000 | CROP OUTPUT | 71.72 | 103.5 | 104.1 | -0.6 | 105.3 | 106.0 | -0.6 |
| 010000 | Cereals (including seeds) | 8.27 | 107.7 | 108.3 | -0.6 | 107.8 | 107.7 | 0.0 |
| 020000 | Industrial crops | 5.60 | 119.7 | 118.1 | 1.4 | 119.7 | 117.7 | 1.8 |
| 030000 | Forage plants | 4.84 | 81.1 | 79.5 | 2.0 | 78.9 | 79.6 | -0.9 |
| 040000 | Vegetables and horticultural products | 16.41 | 109.2 | 109.2 | 0.0 | 111.3 | 108.7 | 2.4 |
| 050000 | Potatoes (including seeds) | 2.13 | 96.1 | 100.9 | -4.8 | 121.5 | 134.7 | -9.8 |
| 060000 | Fruits | 22.69 | 118.0 | 123.3 | -4.3 | 108.4 | 110.2 | -1.7 |
| 070000 | Wine (incl. must) | 0.30 | 97.8 | 99.1 | -1.3 | 98.4 | 98.4 | 0.0 |
| 080000 | Olive oil | 11.33 | 67.9 | 69.3 | -1.9 | 90.8 | 91.1 | -0.3 |
| 090000 | Other crop products | 0.15 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130000 | ANIMAL OUTPUT | 28.28 | 95.1 | 95.9 | -0.8 | 93.1 | 93.9 | -0.8 |
| 110000 | Animals | 12.88 | 98.1 | 99.3 | -1.2 | 96.5 | 96.4 | 0.0 |
| 120000 | Animal products | 15.40 | 93.6 | 94.1 | -0.4 | 91.4 | 92.5 | -1.2 |

Note: The indices and the percentage changes are published rounded up to one decimal figure.

Table 3. Evolution of the Output Price Index in Agriculture – Livestock

Base year: 2015=100.0

| Year and month | | Overall Index | Monthly rates of change (%) | Annual rates of change (%) | 12-month weighted average index (moving average) | 12-month weighted moving average rates of change (%) |
|-----------------------|----|---------------|-----------------------------|----------------------------|--|--|
| 2018: | 1 | 99.2 | 0.1 | -3.3 | 99.5 | 1.1 |
| | 2 | 99.8 | 0.6 | -1.6 | 99.4 | 0.7 |
| | 3 | 101.6 | 1.8 | -1.9 | 99.3 | 0.1 |
| | 4 | 99.7 | -1.8 | -0.4 | 99.2 | -0.2 |
| | 5 | 98.7 | -1.0 | -1.6 | 99.1 | -0.6 |
| | 6 | 97.9 | -0.8 | -0.4 | 99.1 | -0.7 |
| | 7 | 100.0 | 2.2 | 3.5 | 99.3 | 0.0 |
| | 8 | 98.4 | -1.7 | 3.5 | 99.6 | 0.4 |
| | 9 | 98.8 | 0.5 | 2.2 | 99.8 | 0.8 |
| | 10 | 102.8 | 4.0 | -0.8 | 99.7 | 0.3 |
| | 11 | 99.7 | -3.0 | -0.3 | 99.7 | 0.1 |
| | 12 | 98.9 | -0.9 | -0.3 | 99.7 | 0.0 |
| Annual Average | | 99.7 | | | | |
| 2019: | 1 | 100.1 | 1.3 | 0.9 | 99.7 | 0.2 |
| | 2 | 100.0 | -0.1 | 0.2 | 99.7 | 0.3 |
| | 3 | 104.2 | 4.2 | 2.5 | 99.9 | 0.7 |
| | 4 | 103.2 | -0.9 | 3.5 | 100.2 | 1.0 |
| | 5 | 101.3 | -1.8 | 2.7 | 100.5 | 1.4 |
| | 6 | 100.9 | -0.4 | 3.1 | 100.7 | 1.7 |
| | 7 | 102.5 | 1.5 | 2.4 | 100.9 | 1.6 |
| | 8 | 98.5 | -3.9 | 0.1 | 100.9 | 1.3 |
| | 9 | 98.4 | -0.1 | -0.4 | 100.9 | 1.1 |
| | 10 | 98.5 | 0.1 | -4.1 | 100.4 | 0.7 |
| | 11 | 96.9 | -1.7 | -2.8 | 100.2 | 0.5 |
| | 12 | 98.0 | 1.2 | -0.8 | 100.1 | 0.4 |
| Annual Average | | 100.1 | | | | |
| 2020: | 1 | 97.5 | -0.6 | -2.6 | 100.0 | 0.2 |
| | 2 | 97.8 | 0.4 | -2.2 | 99.8 | 0.1 |
| | 3 | 99.5 | 1.7 | -4.5 | 99.5 | -0.5 |
| | 4 | 101.1 | 1.6 | -2.1 | 99.3 | -1.0 |
| | 5 | 101.0 | -0.1 | -0.4 | 99.2 | -1.2 |
| | 6 | 100.6 | -0.4 | -0.4 | 99.2 | -1.5 |
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| | 12 | | | | | |
| Annual Average | | | | | | |

Note: The indices and the percentage changes are published rounded up to one decimal figure.

Table 4. Annual rates of change of the Input Price Indices in Agriculture – Livestock

Base year: 2015=100.0

| Code | Main groups | Weighting coefficient (%) | June | | | Change (%) | |
|--------|--|---------------------------|-------|-------|-------|------------|-----------|
| | | | 2020 | 2019 | 2018 | 2020/2019 | 2019/2018 |
| 220000 | INPUT TOTAL | 100.00 | 99.1 | 102.5 | 103.2 | -3.3 | -0.7 |
| 200000 | GOODS AND SERVICES CURRENTLY CONSUMED IN AGRICULTURE | 83.21 | 98.4 | 102.5 | 103.6 | -4.0 | -1.0 |
| 201000 | Seeds and planting stock | 4.81 | 102.0 | 101.8 | 101.6 | 0.2 | 0.2 |
| 202000 | Energy and lubricants | 22.32 | 98.0 | 113.9 | 116.6 | -13.9 | -2.3 |
| 203000 | Fertilizers and soil improvers | 5.23 | 97.7 | 98.0 | 97.3 | -0.3 | 0.7 |
| 204000 | Plant protection products and pesticides | 4.59 | 101.2 | 101.0 | 101.2 | 0.2 | -0.3 |
| 205000 | Veterinary expenses | 1.47 | 104.5 | 102.5 | 101.2 | 2.0 | 1.2 |
| 206000 | Animal feeding stuffs | 34.57 | 97.5 | 97.3 | 97.1 | 0.2 | 0.2 |
| 207000 | Maintenance of materials | 3.82 | 103.9 | 103.4 | 102.9 | 0.5 | 0.5 |
| 208000 | Maintenance of buildings | 0.32 | 101.0 | 100.8 | 99.9 | 0.2 | 0.9 |
| 209000 | Other goods and services | 6.08 | 95.6 | 95.5 | 101.9 | 0.1 | -6.3 |
| 210000 | GOODS AND SERVICES CONTRIBUTING TO AGRICULTURAL INVESTMENT | 16.79 | 102.4 | 102.2 | 101.6 | 0.3 | 0.5 |
| 211000 | Materials | 14.52 | 103.5 | 103.1 | 102.4 | 0.4 | 0.7 |
| 211110 | Rotovators and other 2wheel equipment | 1.44 | 99.9 | 100.3 | 99.6 | -0.4 | 0.7 |
| 211120 | Machinery and plant for cultivation | 2.90 | 105.9 | 104.2 | 103.0 | 1.7 | 1.2 |
| 211130 | Machinery and plant for harvesting | 2.37 | 102.7 | 102.4 | 102.0 | 0.2 | 0.5 |
| 211140 | Farm machinery and installations | 3.26 | 102.9 | 102.5 | 102.0 | 0.4 | 0.5 |
| 211210 | Tractors | 0.86 | 98.1 | 100.3 | 99.9 | -2.2 | 0.4 |
| 211290 | Other vehicles | 3.69 | 105.3 | 104.9 | 104.2 | 0.4 | 0.7 |
| 212000 | Buildings | 2.27 | 95.7 | 96.2 | 96.7 | -0.5 | -0.5 |

Note: The indices and the percentage changes are published rounded up to one decimal figure.

Table 5. Monthly rates of change of the Input Price Indices in Agriculture – Livestock

Base year: 2015=100.0

| Code | Main groups | Weighting coefficient (%) | June 2020 | May 2020 | Change (%) | June 2019 | May 2019 | Change (%) |
|--------|--|---------------------------|-----------|----------|------------|-----------|----------|------------|
| 220000 | INPUT TOTAL | 100.00 | 99.1 | 98.3 | 0.8 | 102.5 | 104.0 | -1.4 |
| 200000 | GOODS AND SERVICES CURRENTLY CONSUMED IN AGRICULTURE | 83.21 | 98.4 | 97.4 | 1.0 | 102.5 | 104.4 | -1.8 |
| 201000 | Seeds and planting stock | 4.81 | 102.0 | 101.9 | 0.1 | 101.8 | 101.8 | 0.0 |
| 202000 | Energy and lubricants | 22.32 | 98.0 | 95.7 | 2.4 | 113.9 | 119.2 | -4.4 |
| 203000 | Fertilizers and soil improvers | 5.23 | 97.7 | 98.1 | -0.4 | 98.0 | 98.7 | -0.6 |
| 204000 | Plant protection products and pesticides | 4.59 | 101.2 | 100.7 | 0.5 | 101.0 | 101.0 | 0.0 |
| 205000 | Veterinary expenses | 1.47 | 104.5 | 104.5 | 0.0 | 102.5 | 102.6 | -0.1 |
| 206000 | Animal feeding stuffs | 34.57 | 97.5 | 96.7 | 0.9 | 97.3 | 98.3 | -1.0 |
| 207000 | Maintenance of materials | 3.82 | 103.9 | 103.8 | 0.1 | 103.4 | 103.3 | 0.1 |
| 208000 | Maintenance of buildings | 0.32 | 101.0 | 100.9 | 0.0 | 100.8 | 100.8 | 0.0 |
| 209000 | Other goods and services | 6.08 | 95.6 | 95.6 | 0.0 | 95.5 | 95.5 | 0.0 |
| 210000 | GOODS AND SERVICES CONTRIBUTING TO AGRICULTURAL INVESTMENT | 16.79 | 102.4 | 102.6 | -0.1 | 102.2 | 101.9 | 0.2 |
| 211000 | Materials | 14.52 | 103.5 | 103.6 | -0.1 | 103.1 | 102.8 | 0.3 |
| 211110 | Rotovators and other 2wheel equipment | 1.44 | 99.9 | 100.0 | 0.0 | 100.3 | 100.3 | 0.0 |
| 211120 | Machinery and plant for cultivation | 2.90 | 105.9 | 105.9 | 0.0 | 104.2 | 104.1 | 0.1 |
| 211130 | Machinery and plant for harvesting | 2.37 | 102.7 | 102.8 | -0.1 | 102.4 | 102.4 | 0.0 |
| 211140 | Farm machinery and installations | 3.26 | 102.9 | 102.7 | 0.1 | 102.5 | 102.4 | 0.0 |
| 211210 | Tractors | 0.86 | 98.1 | 101.0 | -2.9 | 100.3 | 100.3 | 0.0 |
| 211290 | Other vehicles | 3.69 | 105.3 | 105.2 | 0.1 | 104.9 | 104.0 | 0.9 |
| 212000 | Buildings | 2.27 | 95.7 | 95.9 | -0.1 | 96.2 | 96.2 | -0.1 |

Note: The indices and the percentage changes are published rounded up to one decimal figure.

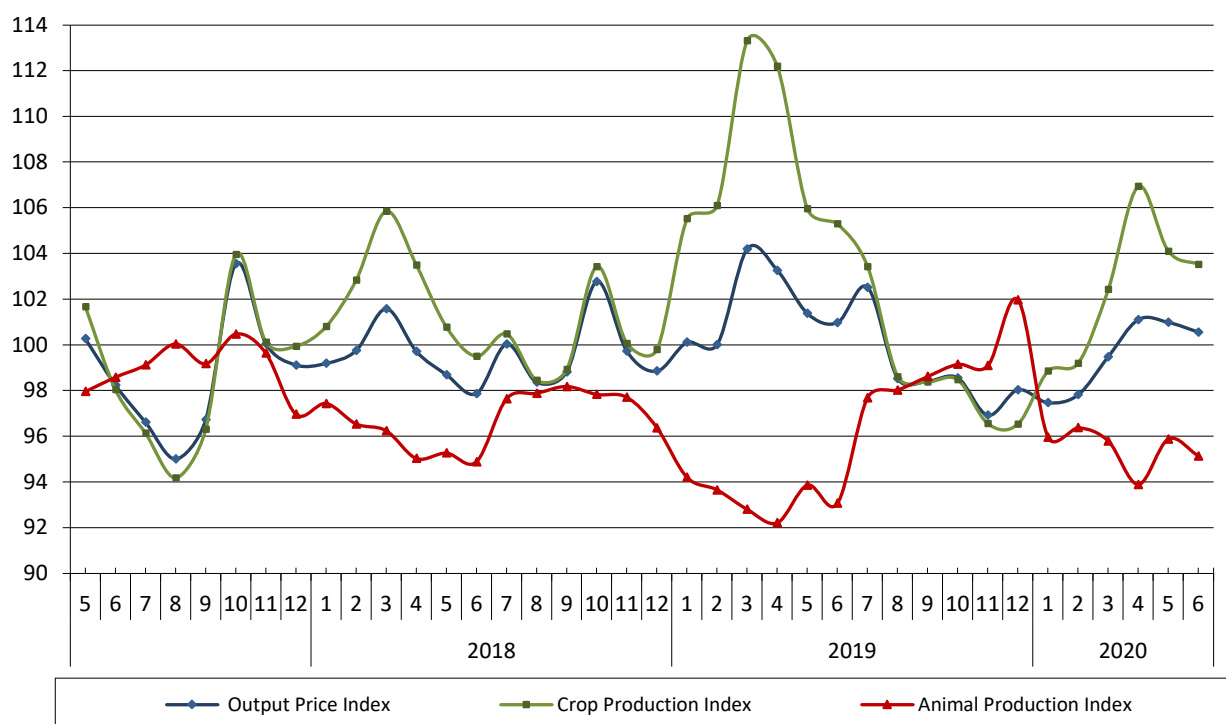
Table 6. Evolution of the Input Price Index in Agriculture – Livestock

Base year: 2015=100.0

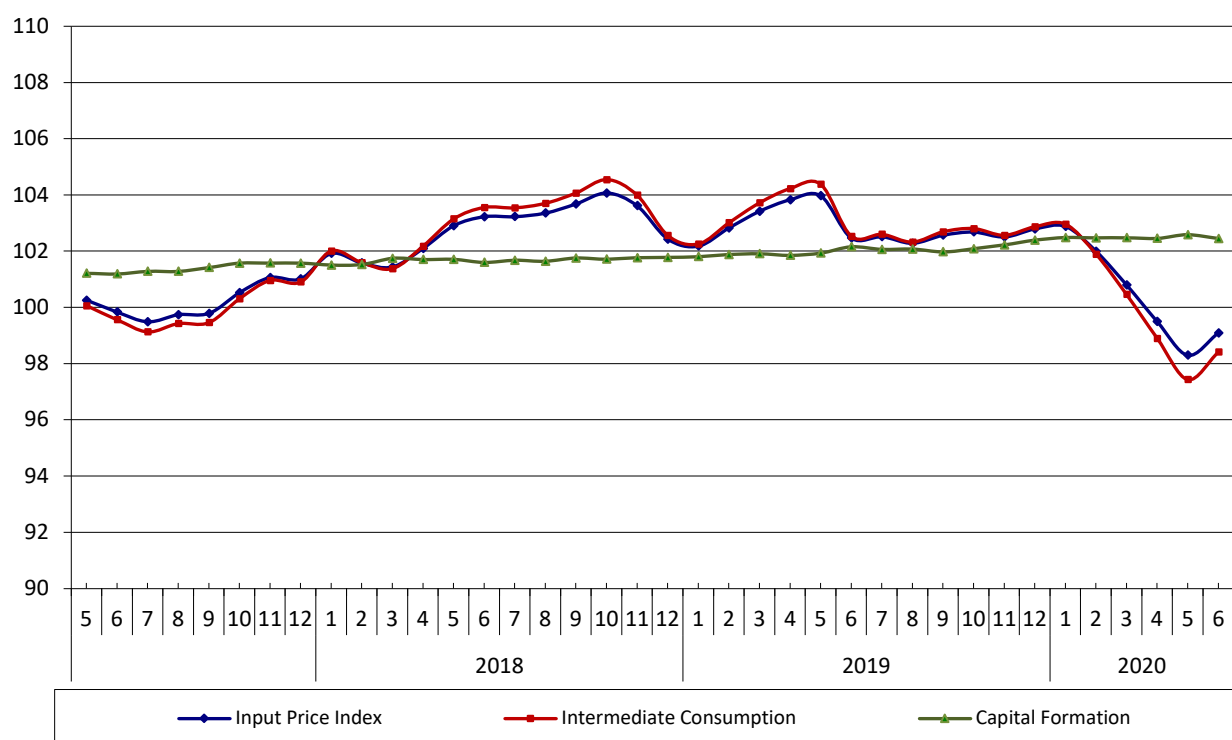
| Year and month | | Overall Index | Monthly rates of change (%) | Annual rates of change (%) | 12-month average index (moving average) | 12-month moving average rates of change (%) |
|-----------------------|----|---------------|-----------------------------|----------------------------|---|---|
| 2018: | 1 | 101.9 | 0.9 | 0.5 | 100.6 | 2.2 |
| | 2 | 101.6 | -0.3 | 0.1 | 100.6 | 1.9 |
| | 3 | 101.4 | -0.1 | 0.4 | 100.6 | 1.6 |
| | 4 | 102.1 | 0.6 | 1.0 | 100.7 | 1.4 |
| | 5 | 102.9 | 0.8 | 2.6 | 101.0 | 1.4 |
| | 6 | 103.2 | 0.3 | 3.4 | 101.2 | 1.6 |
| | 7 | 103.2 | 0.0 | 3.8 | 101.5 | 1.9 |
| | 8 | 103.4 | 0.1 | 3.6 | 101.8 | 2.0 |
| | 9 | 103.7 | 0.3 | 3.9 | 102.2 | 2.2 |
| | 10 | 104.1 | 0.4 | 3.5 | 102.5 | 2.3 |
| | 11 | 103.6 | -0.4 | 2.5 | 102.7 | 2.3 |
| | 12 | 102.4 | -1.1 | 1.4 | 102.8 | 2.2 |
| Annual Average | | 102.8 | | | | |
| 2019: | 1 | 102.2 | -0.2 | 0.3 | 102.8 | 2.2 |
| | 2 | 102.8 | 0.6 | 1.2 | 102.9 | 2.3 |
| | 3 | 103.4 | 0.6 | 2.0 | 103.1 | 2.4 |
| | 4 | 103.8 | 0.4 | 1.7 | 103.2 | 2.5 |
| | 5 | 104.0 | 0.1 | 1.0 | 103.3 | 2.3 |
| | 6 | 102.5 | -1.4 | -0.7 | 103.3 | 2.0 |
| | 7 | 102.5 | 0.0 | -0.7 | 103.2 | 1.6 |
| | 8 | 102.3 | -0.2 | -1.0 | 103.1 | 1.2 |
| | 9 | 102.6 | 0.3 | -1.1 | 103.0 | 0.8 |
| | 10 | 102.7 | 0.1 | -1.3 | 102.9 | 0.4 |
| | 11 | 102.5 | -0.2 | -1.1 | 102.8 | 0.1 |
| | 12 | 102.8 | 0.3 | 0.4 | 102.8 | 0.0 |
| Annual Average | | 102.8 | | | | |
| 2020: | 1 | 102.9 | 0.1 | 0.7 | 102.9 | 0.1 |
| | 2 | 102.0 | -0.9 | -0.8 | 102.8 | -0.1 |
| | 3 | 100.8 | -1.2 | -2.5 | 102.6 | -0.5 |
| | 4 | 99.5 | -1.3 | -4.2 | 102.2 | -1.0 |
| | 5 | 98.3 | -1.2 | -5.4 | 101.8 | -1.5 |
| | 6 | 99.1 | 0.8 | -3.3 | 101.5 | -1.7 |
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| | 9 | | | | | |
| | 10 | | | | | |
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| Annual Average | | | | | | |

Note: The indices and the percentage changes are published rounded up to one decimal figure.

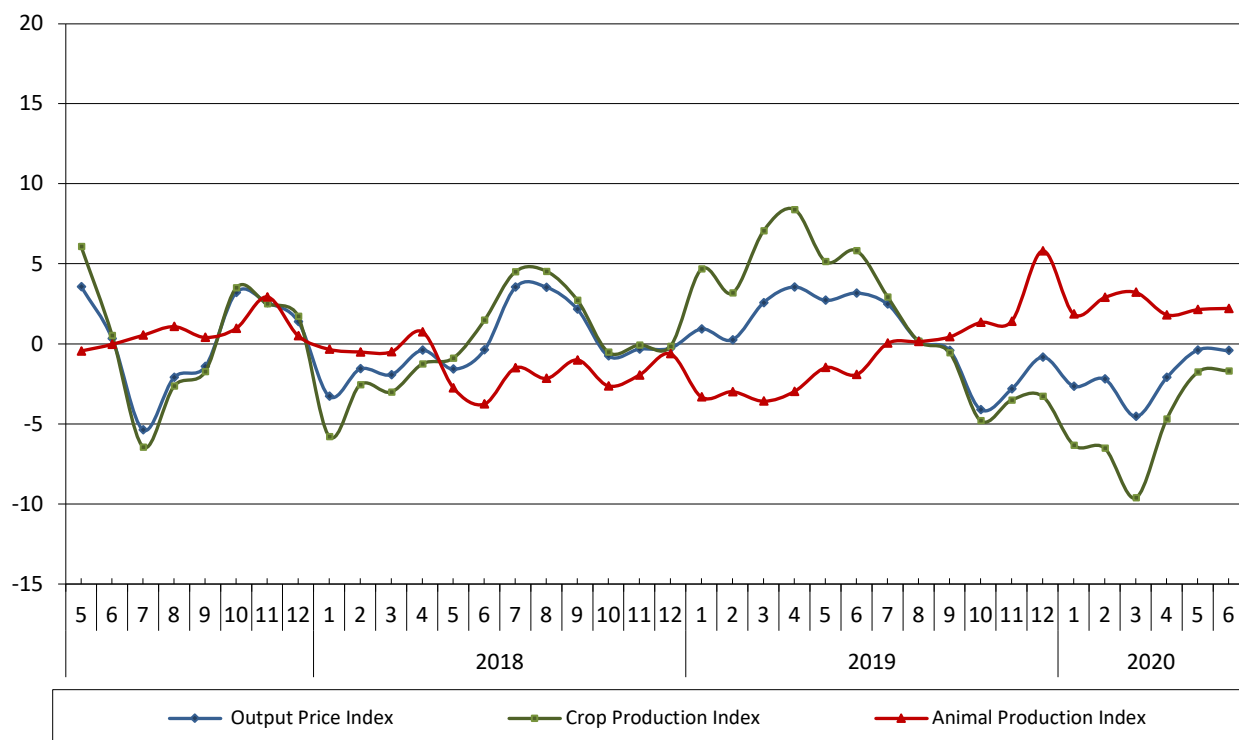
Graph 2. Evolution of the Output Price Index in Agriculture – Livestock and of the sub-indices of Crop and Animal Production (2015=100.0)



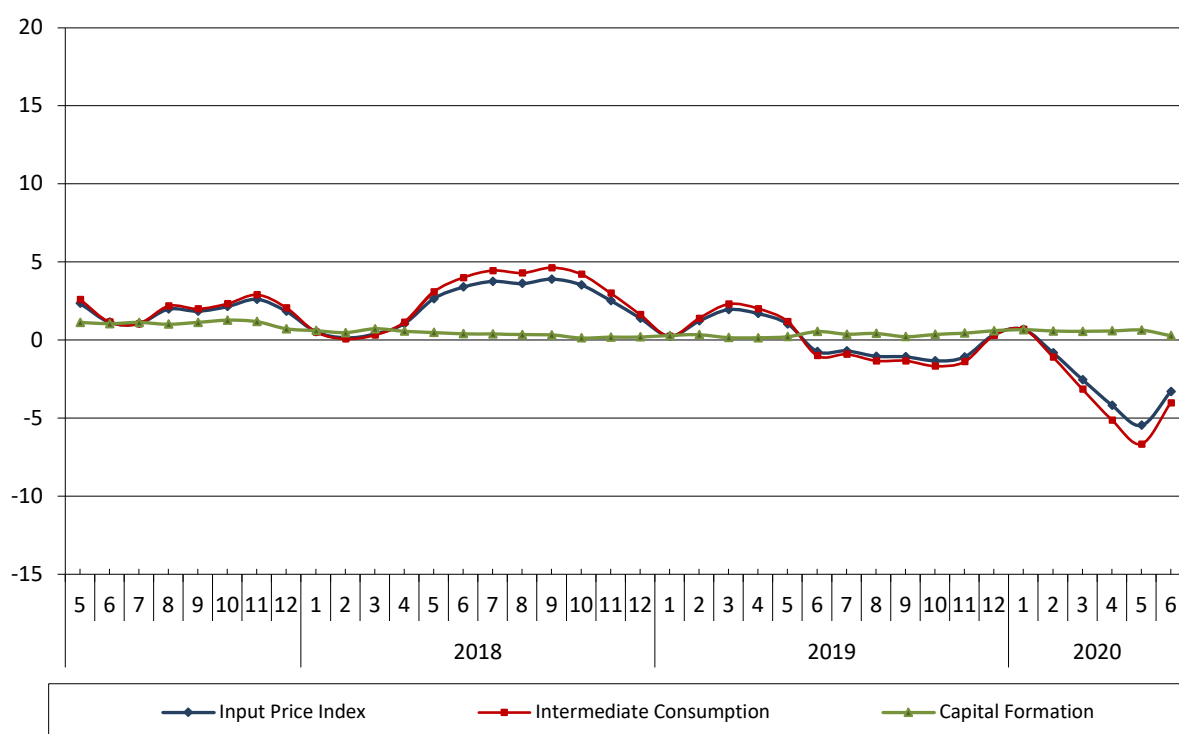
Graph 3. Evolution of the Input Price Index in Agriculture – Livestock and of the sub-indices of Intermediate Consumption and Capital Formation (2015=100.0)



Graph 4. Annual rates of change (%) of the Output Price Index in Agriculture – Livestock and of the sub-indices of Crop and Animal Production (2015=100.0)



Graph 5. Annual rates of changes (%) of the Input Price Index in Agriculture – Livestock and of the sub-indices of Intermediate Consumption and Capital Formation (2015=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. |
| Purpose of the indices– definitions | <p>The purpose of the Output Price Index is to measure the relative change in the prices that the producers receive 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 producers for the purchase of the means, goods and services used in the production process.</p> <p>The Output Price Index is composed of the crop and the animal output sub-indices. The Input Price Index consists of the sub-indices of intermediate consumption and of 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 the 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 | 2015=100.0. |
| Revision | The Input and Output Price Indices are fixed-basis indices. The most recent revision took place with base year 2015=100.0, with June 2018 as first reference month. The revision was carried out in the framework of the agreement between EU Member States and the European Union (EU), according to which, for reasons of comparability, these indices have to be revised every five (5) years and more specifically in the years ending in 0 and 5. |
| Statistical classification | According to the common methodology used by the EU Member States 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 transactions for olive oil and must - wine are covered, which are included in the manufacturing sector when their production – manufacturing process takes place at the level of agricultural unit, 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. For this reason, the weighting coefficients of output products differ per month in the year. |
| 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 745 sources and price data for input prices are collected from approximately 665 sources.</p> |
| Publication of data | The Input and Output Price Indices with the new base year (2015) are released since June 2018 with June 2018 data as first reference month. The retrospective calculations of the time series of indicators before 2015 were calculated by dividing the product and group price indices by the corresponding price index of 2015 (with b.y. 2010=100.0), so that the changes (monthly and annual) of the time series indicators remain the same. |
| References | <p>More information on the methodology concerning the compilation and calculation of the indices, as well as the time series is available on the website of ELSTAT, at:</p> <p>http://www.statistics.gr/en/statistics/-/publication/DKT30/</p> |