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## Monthly Report on the Input-Output Price Index of the Manufacturing Industry by Sector (IOPI) (Preliminary Figures for December 2015)

monthly change, % ( ) : yearly change, %

|   | Input price index      |                   |               |               |            | Output price index     |                   |              |
|---|------------------------|-------------------|---------------|---------------|------------|------------------------|-------------------|--------------|
|   | Manufacturing industry | Goods             |               |               | Services   | Manufacturing industry |                   |              |
|   |                        | Domestic products |               | Imports       |            |                        | Domestic products | Exports      |
| Weight                                    | 1,000.000              | 909.338           | 746.700       | 162.638       | 90.663     | 1,000.000              | 834.966           | 165.034      |
| 2014/ Nov.                                | 0.3( 0.3)              | 0.3( 0.3)         | 0.0( -0.1)    | 1.1( 1.2)     | 0.7( 0.5)  | 0.5( 0.8)              | -0.2( -0.4)       | 4.4( 7.5)    |
| Dec.                                      | -0.9( -1.6)            | -1.1( -1.8)       | -0.1( -0.5)   | -4.3( -6.2)   | -0.1( 0.6) | -0.4( -0.2)            | -0.7( -1.3)       | 0.9( 6.1)    |
| 2015/ Jan.                                | -3.4( -5.2)            | -3.6( -5.7)       | -1.5( -2.3)   | -10.6( -16.9) | -0.8( 0.9) | -1.8( -2.3)            | -1.7( -3.2)       | -2.4( 3.2)   |
| Feb.                                      | -1.9( -6.6)            | -2.0( -7.2)       | -0.1( -2.3)   | -9.4( -23.2)  | 0.0( 0.3)  | -0.3( -2.3)            | -0.2( -3.3)       | -0.5( 3.9)   |
| Mar.                                      | 1.2( -5.5)             | 1.2( -6.0)        | -0.1( -2.3)   | 6.2( -18.3)   | 1.2( 0.0)  | 0.3( -2.0)             | 0.2( -3.1)        | 0.6( 4.7)    |
| Apr.                                      | -0.4( -5.7)            | -0.4( -6.2)       | -0.1( -2.4)   | -1.3( -18.8)  | -0.6( 0.5) | -0.1( -2.1)            | 0.0( -3.1)        | -0.7( 3.8)   |
| May                                       | 0.6( -5.1)             | 0.7( -5.5)        | 0.1( -2.4)    | 3.1( -15.8)   | 0.1( 0.5)  | 0.4( -1.6)             | 0.3( -2.9)        | 1.0( 5.7)    |
| June                                      | 0.8( -4.5)             | 0.9( -4.8)        | -0.2( -2.7)   | 5.2( -11.9)   | 0.0( 0.0)  | 0.4( -1.3)             | 0.2( -2.9)        | 1.5( 7.5)    |
| July                                      | -0.7( -5.2)            | -0.8( -5.7)       | -0.3( -3.2)   | -2.8( -14.0)  | -0.2( 0.1) | -0.5( -2.0)            | -0.4( -3.4)       | -1.1( 6.5)   |
| Aug.                                      | -1.3( -6.4)            | -1.3( -6.9)       | -0.5( -3.6)   | -4.4( -18.3)  | -0.6( 0.5) | -0.7( -2.7)            | -0.7( -4.0)       | -0.7( 5.0)   |
| Sep.                                      | -2.0( -8.7)            | -2.3( -9.4)       | -0.7( -4.3)   | -8.1( -26.2)  | 0.2( 0.1)  | -0.9( -3.8)            | -0.6( -4.5)       | -2.3( 0.4)   |
| Oct.                                      | -0.9( -8.4)            | -1.1( -9.2)       | -0.8( -4.2)   | -2.3( -25.7)  | 0.3( 0.2)  | -0.4( -3.4)            | -0.4( -4.0)       | -0.5( 0.0)   |
| Nov.                                      | 0.0( -8.6) r           | 0.0( r -9.4)      | -0.3( -4.4) r | 0.8( r -25.9) | 0.6( 0.1)  | 0.0( -3.9) r           | -0.2( r -4.0) r   | 0.7( r -3.5) |
| Dec.(p)                                   | -0.9( -8.6)            | -1.0( -9.3)       | -0.2( -4.5)   | -4.5( -26.0)  | -0.1( 0.1) | -0.5( -4.0)            | -0.4( -3.8)       | -0.8( -5.1)  |
| Contribution to change of All commodities | -0.90( -8.6)           | -0.89( -8.6)      | -0.12( -3.2)  | -0.78( -5.4)  | 0.00( 0.0) | -0.45( -3.9)           | -0.32( -3.1)      | -0.13( -0.8) |
| Index (CY2005=100)                        | 105.0                  | 105.7             | 105.2         | 108.0         | 97.7       | 101.0                  | 102.0             | 95.9         |

Notes:

1. Due to rounding, the sum of weights of Goods and Services is not equal to the weight of Manufacturing industry.
2. p : preliminary figures
3. r : revised figures

### <Preliminary figures for Major sectors (December 2015)>

monthly change, % ( ) : yearly change, %

| Major sector                     | Input price index | Output price index | Major sector  | Input price index | Output price index |
|----------------------------------|-------------------|--------------------|---|-------------------|--------------------|
| Beverages and Foods              | 0.3( -1.6)        | 0.3( 1.6)          | Metal products  | -0.5( -4.7)       | -0.1( -0.8)        |
| Textile products                 | -0.5( -1.1)       | -0.3( -0.2)        | General machinery   | -0.3( -1.9)       | -0.2( -0.5)        |
| Pulp, paper and wooden products  | -0.2( -0.8)       | 0.1( 0.8)          | Electrical machinery  | -0.7( -4.7)       | -0.3( -1.5)        |
| Chemical products                | -0.3( -15.0)      | -0.4( -9.0)        | Information and communication electronics equipment   | -0.4( -3.7)       | -0.2( -0.5)        |
| Petroleum and coal products      | -9.2( -40.6)      | -4.1( -23.4)       | Electronic components   | -0.4( -3.6)       | -0.3( -2.9)        |
| Ceramic, stone and clay products | -0.2( -3.8)       | -0.1( 0.2)         | Transportation equipment  | -0.2( -0.7)       | -0.1( -0.2)        |
| Iron and steel                   | -0.3( -12.9)      | -0.4( -7.6)        | Precision instruments   | -0.4( -3.3)       | 0.1( -0.7)         |
| Non-ferrous metals               | -3.4( -20.3)      | -2.2( -12.0)       | Miscellaneous manufacturing products  | -0.4( -6.1)       | -0.2( -2.1)        |
|                                  |                   |                    | (Reference)<br>Electrical machinery, Information and communication electronics equipment, and Electronic components | -0.5( -4.1)       | -0.1( -1.8)        |

The next monthly report will be released on Friday, February 26, 2016.

## Appendix

### Calendar-year Index (Manufacturing industry sector)

yearly change, %

|   | Input price index      |                   |         |         |          | Output price index     |                   |         |
|---|------------------------|-------------------|---------|---------|----------|------------------------|-------------------|---------|
|   | Manufacturing industry | Goods             |         |         | Services | Manufacturing industry |                   |         |
|   |                        | Domestic products |         | Imports |          |                        | Domestic products | Exports |
| Weight                                    | 1,000.000              | 909.338           | 746.700 | 162.638 | 90.663   | 1,000.000              | 834.966           | 165.034 |
| 2011 CY                                   | 4.5                    | 4.9               | 2.9     | 13.7    | -0.3     | 1.7                    | 2.4               | -2.8    |
| 2012 CY                                   | -1.9                   | -2.0              | -1.8    | -3.0    | -0.4     | -1.3                   | -1.2              | -1.5    |
| 2013 CY                                   | 3.3                    | 3.6               | 0.8     | 14.7    | 0.1      | 2.4                    | 0.9               | 11.9    |
| 2014 CY                                   | 1.5                    | 1.5               | 1.0     | 3.3     | 0.4      | 1.2                    | 0.8               | 3.4     |
| 2015 CY (p)                               | -6.5                   | -7.1              | -3.2    | -20.1   | 0.3      | -2.7                   | -3.5              | 2.6     |
| Contribution to change of All commodities | -6.55                  | -6.57             | -2.28   | -4.28   | 0.02     | -2.60                  | -2.99             | 0.38    |
| Index (CY2005=100)                        | 108.8                  | 109.9             | 107.3   | 122.0   | 97.3     | 102.7                  | 103.6             | 98.1    |

Notes:

1. Due to rounding, the sum of weights of Goods and Services is not equal to the weight of Manufacturing industry.
2. p : preliminary figures