

## Producer Price Index during December 2021

- The Producer Price Index remained flat month-on-month in December 2021 — in year-on-year terms it increased by 9.0%.
- The month-on-month changes in the major sub-indices are as follows:
  - o Agricultural, forestry & marine products: 2.6%
  - o Manufacturing products: -0.6%
  - o Electric power, gas, water & waste: 1.6%
  - o Services: 0.3%
- The Producer Price index increased by 6.4% year-on-year in 2021.

### Producer Price Index

	Weight	Month-on-month				Year-on-year				2021 <sup>P</sup>
		2021				2021				
		Sep	Oct	Nov	Dec <sup>P</sup>	Sep	Oct	Nov	Dec <sup>P</sup>	
<b>All items</b>	1000.0	0.4	1.0	0.7	0.0	7.6	9.1	9.8	9.0	6.4
<b>Agricultural, forestry &amp; marine products</b>	36.6	-0.8	-4.7	1.5	2.6	-2.7	2.6	5.8	6.1	8.1
Agricultural foods	18.0	-2.0	-4.3	1.6	5.2	-15.1	-4.4	1.7	1.1	5.8
Livestock products	11.0	0.6	-5.5	0.8	-0.7	18.1	18.0	18.5	18.9	18.4
Marine foods	6.7	0.5	-1.4	2.8	1.8	-4.5	-4.8	-3.7	-1.3	-1.6
<b>Manufacturing products</b>	487.2	0.6	2.1	0.9	-0.6	13.5	15.7	16.5	14.4	10.4
Food products & beverages	42.8	0.0	0.2	0.2	0.3	5.4	4.9	5.0	5.1	4.4
Coal products & petroleum products	24.9	2.0	12.7	4.1	-6.7	59.1	85.8	92.4	61.3	45.9
Chemical products	85.4	0.6	2.1	1.1	-0.6	17.3	19.0	19.2	16.6	13.6
Basic metal products	51.7	1.5	3.3	3.1	-0.6	33.2	37.5	41.5	38.4	26.0
Computers, electronic & optical equipment	49.3	-0.6	-0.9	-0.2	-0.2	3.1	2.7	2.5	2.5	2.5
<b>Electric power, gas, water &amp; waste</b>	60.3	2.0	2.3	2.1	1.6	3.2	6.2	8.6	9.6	0.6
<b>Services</b>	413.6	0.0	0.1	0.2	0.3	2.4	2.5	2.6	2.7	2.3
Accommodation & food services	71.2	-0.1	0.3	0.4	1.0	3.1	3.2	3.7	4.4	2.5
Transportation	60.3	0.3	0.5	0.7	0.5	3.8	4.2	4.9	5.4	3.2
Information, telecommunication & broadcasting services	62.0	0.0	0.1	0.0	0.0	0.7	1.2	1.2	1.2	1.3
Financial & insurance activities	33.9	-0.1	-1.3	0.0	0.1	5.1	4.1	3.3	1.5	6.3
Real estate activities	70.6	0.0	-0.1	-0.4	0.1	1.3	0.9	0.6	0.6	1.0
Business support services	33.6	-0.4	0.0	0.7	0.0	1.5	1.4	2.1	2.1	1.6

Note : The Indexes are preliminary and may be revised next month.

## Domestic Supply Price Index<sup>1)</sup> & Total Output Price Index<sup>2)</sup> during December 2021

- 1) The Index measures changes in the price of goods and services supplied to the domestic market by the stages of production.  
2) The Index measures changes in the price of goods and services produced by domestic producers.

- The Domestic Supply Price Index remained flat month-on-month in December 2021 — in year-on-year terms it increased by 15.2%.
- The month-on-month changes in the major sub-indices are as follows:
- o Raw materials: -0.1%
  - o Intermediate goods and services: -0.1%
  - o Final goods and services: 0.0%
- The Domestic Supply Price Index increased by 8.6% year-on-year in 2021.

### Domestic Supply Price Index

(%)

	Weight <sup>1)</sup>	Month-on-month				Year-on-year				2021 <sup>P</sup>
		2021				2021				
		Sep	Oct	Nov	Dec <sup>P</sup>	Sep	Oct	Nov	Dec <sup>P</sup>	
Domestic Supply Price Index	1000.0	0.4	1.6	1.4	0.0	11.5	14.3	16.1	15.2	8.6
Raw materials	72.3	0.3	4.0	6.4	-0.1	45.3	58.9	70.0	63.9	31.4
Intermediate goods and services	571.8	0.6	1.7	1.2	-0.1	12.6	15.1	16.5	15.6	9.5
Final goods and services	355.9	0.2	0.6	0.3	0.0	2.7	4.3	4.9	4.7	2.4

Notes : 1) Please refer to p.11 for details.

2) The Indexes are preliminary and may be revised next month.

- The Total Output Price Index decreased by 0.2% month-on-month in December 2021 — in year-on-year terms it increased by 12.6%.
- The Total Output Price Index increased by 8.0% year-on-year in 2021.

### Total Output Price Index

(%)

	Weight <sup>1)</sup>	Month-on-month				Year-on-year				2021 <sup>P</sup>
		2021				2021				
		Sep	Oct	Nov	Dec <sup>P</sup>	Sep	Oct	Nov	Dec <sup>P</sup>	
Total Output Price Index	1000.0	0.6	1.3	0.5	-0.2	10.5	12.8	13.6	12.6	8.0
Agricultural, forestry & marine products	29.5	-0.7	-4.6	1.4	2.6	-2.3	2.9	6.0	6.4	8.0
Manufacturing products	596.1	0.9	2.1	0.6	-0.7	16.2	19.5	20.4	18.5	11.7

Notes : 1) Please refer to p.12 for details.

2) The Indexes are preliminary and may be revised next month.

※ Further statistics can be found at the Bank of Korea's Economic Statistics System website(<http://ecos.bok.or.kr>).

# 1. Producer Price Index

(2015=100)

	Weight	Index		Change (%)		
		2021.11	2021.12 <sup>P</sup>	Month-on-month	Compared with previous year-end	Year-on-year
<b>1. Basic Groups</b>						
<b>All items</b>	1000.0	113.23	113.22	0.0	9.0	9.0
<b>Goods</b>	586.4	115.72	115.49	-0.2	13.4	13.4
<b>Agricultural, forestry &amp; marine products</b>	36.6	131.45	134.87	2.6	6.1	6.1
Agricultural foods	18.0	132.09	139.02	5.2	1.1	1.1
Livestock products	11.0	120.22	119.40	-0.7	18.9	18.9
Forest products	0.9	129.18	136.05	5.3	3.6	3.6
Marine foods	6.7	149.19	151.91	1.8	-1.3	-1.3
<b>Mining products</b>	2.3	126.92	126.97	0.0	11.2	11.2
Coal, crude petroleum & natural gas	0.2	142.25	142.41	0.1	36.3	36.3
Metallic & non-metallic mineral products	2.1	125.58	125.61	0.0	8.8	8.8
<b>Manufacturing products</b>	487.2	116.17	115.47	-0.6	14.4	14.4
<b>Food products &amp; beverages</b>	42.8	109.53	109.82	0.3	5.1	5.1
Food products	35.7	109.89	110.24	0.3	5.5	5.5
Beverages	5.8	109.34	109.34	0.0	3.5	3.5
Cigarette	1.3	100.00	100.00	0.0	0.0	0.0
<b>Fiber products &amp; leather products</b>	19.0	107.21	107.41	0.2	5.1	5.1
Fiber products & apparels	16.4	107.99	108.22	0.2	5.8	5.8
Leather products	2.6	102.92	102.92	0.0	0.6	0.6
<b>Wood &amp; paper products</b>	15.6	122.33	122.29	0.0	14.7	14.7
Wood & wooden products	4.1	117.13	116.79	-0.3	21.0	21.0
Pulp & paper products	11.5	123.48	123.57	0.1	12.4	12.4
<b>Coal products &amp; petroleum products</b>	24.9	155.73	145.25	-6.7	61.3	61.3
<b>Chemical products</b>	85.4	115.48	114.79	-0.6	16.6	16.6
Basic chemicals	18.5	139.15	135.29	-2.8	38.8	38.8
Synthetic resins & synthetic rubber	9.6	113.36	113.31	0.0	23.2	23.2
Chemical fibers	0.9	107.80	109.04	1.2	21.3	21.3
Pharmaceuticals	8.3	98.47	98.43	0.0	-0.3	-0.3
Fertilizers & pesticides	2.2	99.28	99.28	0.0	4.6	4.6
Other chemical products	14.6	113.03	113.21	0.2	9.9	9.9
Plastic products	26.8	110.20	110.34	0.1	10.4	10.4
Rubber products	4.5	97.78	99.12	1.4	5.5	5.5
<b>Non-metallic mineral products</b>	19.6	104.42	105.15	0.7	7.8	7.8
Glass and glass products	3.9	96.05	96.03	0.0	5.7	5.7
Other non-metallic mineral products	15.7	106.91	107.84	0.9	8.3	8.3

Note : The indexes are preliminary and may be revised next month.

(2015=100)

	Weight	Index		Change (%)		
		2021.11	2021.12 <sup>P</sup>	Month-on-month	Compared with previous year-end	Year-on-year
<b>Basic metal products</b>	51.7	159.21	158.22	-0.6	38.4	38.4
Basic steel products	34.4	164.85	164.08	-0.5	43.8	43.8
Non-ferrous metal bar & basic products	14.2	152.71	150.87	-1.2	28.1	28.1
Cast metal products	3.1	122.17	122.17	0.0	25.8	25.8
<b>Fabricated metal products</b>	32.9	126.49	126.61	0.1	23.1	23.1
<b>Computers, electronic &amp; optical equipment</b>	49.3	87.79	87.63	-0.2	2.5	2.5
Semi-conductors	4.6	95.23	95.07	-0.2	12.2	12.2
Electronic display devices	12.1	85.00	83.93	-1.3	3.1	3.1
Other electronic components	6.8	91.20	91.50	0.3	5.2	5.2
Computers & peripherals	1.3	96.09	96.09	0.0	3.1	3.1
Communication & broadcasting equipment, video & audio apparatus	12.5	80.49	80.49	0.0	-3.6	-3.6
Precision equipment	12.0	100.71	101.21	0.5	3.0	3.0
<b>Electrical equipment</b>	35.8	109.82	110.18	0.3	6.5	6.5
<b>Machinery &amp; equipment</b>	43.9	104.74	104.77	0.0	3.2	3.2
General purpose machinery	22.7	106.68	106.73	0.0	4.2	4.2
Special purpose machinery	21.2	102.64	102.64	0.0	2.1	2.1
<b>Transport equipment</b>	56.4	103.81	104.19	0.4	1.7	1.7
Motor vehicles	56.3	103.77	104.15	0.4	1.7	1.7
Other transport equipment	0.1	118.79	118.79	0.0	9.2	9.2
<b>Other manufacturing products</b>	9.9	111.46	111.46	0.0	4.5	4.5
<b>Electric power, gas, water &amp; waste</b>	60.3	103.77	105.43	1.6	9.6	9.6
<b>Electric power, gas &amp; steam</b>	47.1	95.94	97.87	2.0	11.5	11.5
Electric power	31.6	98.94	98.94	0.0	0.3	0.3
Gas, steam & hot water	15.5	90.98	95.71	5.2	34.3	34.3
<b>Water, waste treatment &amp; recycling service</b>	13.2	136.24	136.33	0.1	3.0	3.0
Water supply	2.3	110.47	110.56	0.1	1.8	1.8
Wastewater treatment services	2.3	130.20	130.60	0.3	2.6	2.6
Waste treatment & resources recycling services	8.6	146.63	146.63	0.0	3.5	3.5
<b>Services</b>	413.6	109.88	110.18	0.3	2.7	2.7
<b>Transportation</b>	60.3	111.99	112.51	0.5	5.4	5.4
Land transport	28.9	109.90	110.16	0.2	3.2	3.2
Water transport	1.1	117.06	117.64	0.5	11.1	11.1
Air transport	6.8	130.98	134.29	2.5	15.6	15.6
Warehousing and support activities for transportation	18.7	104.67	104.67	0.0	0.4	0.4
Postal, couriers and messengers activities	4.8	129.58	130.17	0.5	22.5	22.5
<b>Accommodation &amp; food services</b>	71.2	116.19	117.31	1.0	4.4	4.4

Note : The indexes are preliminary and may be revised next month.

(2015=100)

	Weight	Index		Change (%)		
		2021.11	2021.12 <sup>P</sup>	Month-on-month	Compared with previous year-end	Year-on-year
<b>Information, telecommunication &amp; broadcasting services</b>	62.0	102.16	102.19	0.0	1.2	1.2
Telecommunications	19.6	89.42	89.42	0.0	0.2	0.2
Information services	4.7	118.87	118.88	0.0	1.7	1.7
Software development, supply & other IT services	32.2	107.81	107.81	0.0	1.5	1.5
Newspapers & publishing services	4.3	113.62	114.09	0.4	1.2	1.2
Motion picture, video, sound recording and publishing activities	1.2	138.81	138.81	0.0	7.9	7.9
<b>Financial &amp; insurance activities</b>	33.9	98.76	98.83	0.1	1.5	1.5
Financial activities	13.4	85.12	85.01	-0.1	0.5	0.5
Insurance activities	12.7	98.66	98.66	0.0	-1.1	-1.1
Activities auxiliary to financial and insurance activities	7.8	141.03	141.75	0.5	7.4	7.4
<b>Real estate activities</b>	70.6	106.93	106.99	0.1	0.6	0.6
Housing services	23.8	107.51	107.76	0.2	2.0	2.0
Other real estate activities	46.8	106.42	106.37	0.0	-0.2	-0.2
<b>Professional, scientific and technical services</b>	32.7	119.55	119.73	0.2	3.8	3.8
Professional services related to business	14.1	108.64	109.01	0.3	0.4	0.4
Scientific, technical & other professional services	18.6	128.38	128.41	0.0	6.3	6.3
<b>Business support services</b>	33.6	117.00	117.02	0.0	2.1	2.1
Rental and leasing activities of equipment, goods & intellectual property rights	12.5	108.08	108.14	0.1	5.2	5.2
Business support services	21.1	120.83	120.83	0.0	0.2	0.2
<b>Education</b>	15.7	112.35	112.58	0.2	1.6	1.6
<b>Arts, sports and recreation related services</b>	13.8	108.84	108.61	-0.2	2.1	2.1
Culture & travel related services	2.9	98.19	99.38	1.2	5.1	5.1
Sports activities & amusement activities	10.9	110.82	110.16	-0.6	1.4	1.4
<b>Other services</b>	19.8	113.97	114.17	0.2	3.2	3.2
Repair services of motor vehicles & goods, personal services	19.8	113.97	114.17	0.2	3.2	3.2
<b>2. Specialized Groups</b>						
<b>Foods</b>	71.7	120.02	121.71	1.4	4.7	4.7
Excluding foods	928.3	112.72	112.59	-0.1	9.3	9.3
<b>Fresh foods</b>	14.2	132.45	144.41	9.0	4.5	4.5
Excluding fresh foods	985.8	112.96	112.81	-0.1	9.0	9.0
<b>Energy</b>	65.5	113.87	112.15	-1.5	25.0	25.0
Excluding energy	934.5	113.18	113.31	0.1	7.8	7.8
<b>Information technology</b>	105.6	96.12	96.07	-0.1	3.2	3.2
Excluding IT	894.4	115.46	115.45	0.0	9.6	9.6
<b>Excluding foods &amp; energy</b>	862.8	112.67	112.67	0.0	8.1	8.1
<b>Excluding fresh foods &amp; energy</b>	920.3	112.91	112.89	0.0	7.9	7.9

Note : The indexes are preliminary and may be revised next month.

## 2. Producer Price Indexes(Time Series)

(2015=100)

Year & Month	Total Index <1000>			Agricultural, Forestry & Marine Products <36.6>	Manufacturing Products <487.2>	Services <413.6>
	Index	Period-on- Period Change(%)	Year-on- Year Change(%)			
2010	99.06	3.8	-	95.33	104.01	93.30
2011	105.71	6.7	-	102.42	113.37	95.57
2012	106.44	0.7	-	103.27	112.93	97.09
2013	104.74	-1.6	-	97.11	109.55	97.37
2014	104.18	-0.5	-	97.74	107.22	98.79
2015	100.00	-4.0	-	100.00	100.00	100.00
2016	98.18	-1.8	-	105.84	96.49	101.02
2017	101.57	3.5	-	112.63	101.10	102.45
2018	103.48	1.9	-	116.65	103.31	103.93
2019	103.50	0.0	-	114.01	102.28	105.20
2020	103.03	-0.5	-	124.94	99.65	106.61
2021 <sup>P</sup>	109.60	6.4	-	135.11	110.03	109.08
2018. 12	103.03	-0.5	0.9	115.56	102.24	104.16
2019. 1	102.92	-0.1	0.4	115.71	101.71	104.46
2	103.02	0.1	0.1	111.79	101.93	104.78
3	103.38	0.3	0.5	113.39	102.44	104.88
4	103.68	0.3	0.6	114.91	102.71	105.14
5	103.79	0.1	0.4	112.24	103.03	105.21
6	103.50	-0.3	0.1	111.64	102.46	105.26
7	103.50	0.0	-0.3	111.58	102.28	105.47
8	103.74	0.2	-0.6	115.24	102.41	105.55
9	103.80	0.1	-0.8	117.92	102.36	105.34
10	103.56	-0.2	-0.7	112.42	102.18	105.44
11	103.41	-0.1	-0.1	113.39	101.86	105.43
12	103.70	0.3	0.7	117.94	102.04	105.47
2020. 1	104.08	0.4	1.1	121.95	101.92	106.20
2	103.74	-0.3	0.7	118.16	101.45	106.25
3	102.82	-0.9	-0.5	119.53	99.85	105.89
4	101.93	-0.9	-1.7	119.71	98.04	105.99
5	101.96	0.0	-1.8	122.94	97.84	106.07
6	102.48	0.5	-1.0	121.02	98.71	106.44
7	102.71	0.2	-0.8	125.49	99.09	106.85
8	103.22	0.5	-0.5	133.18	99.34	107.18
9	103.42	0.2	-0.4	139.66	99.40	107.01
10	103.01	-0.4	-0.5	126.22	99.46	107.05
11	103.09	0.1	-0.3	124.25	99.74	107.06
12	103.90	0.8	0.2	127.16	100.93	107.28
2021. 1	105.05	1.1	0.9	135.26	102.29	107.97
2	105.91	0.8	2.1	139.42	103.52	108.14
3	107.04	1.1	4.1	139.28	105.57	108.26
4	108.06	1.0	6.0	135.18	107.46	108.65
5	108.65	0.5	6.6	133.53	108.80	108.73
6	109.22	0.5	6.6	133.92	109.69	108.91
7	110.28	1.0	7.4	136.07	111.42	109.34
8	110.86	0.5	7.4	136.96	112.13	109.63
9	111.27	0.4	7.6	135.90	112.77	109.62
10	112.43	1.0	9.1	129.51	115.10	109.70
11	113.23	0.7	9.8	131.45	116.17	109.88
12 <sup>P</sup>	113.22	0.0	9.0	134.87	115.47	110.18

The Indexes are preliminary and may be revised next month, < > : weight for 2021

### 3. Domestic Supply Price Indexes(Time Series)

(2015=100)

Year & Month	Total Index <1000>			Raw Materials <72.285>	Intermediate Goods & Services <571.804>	Final Goods & Services <355.911>
	Index	Period-on- Period Change(%)	Year-on- Year Change(%)			
2010	103.67	4.8	-	126.39	105.85	95.57
2011	112.05	8.1	-	158.69	114.42	98.56
2012	112.55	0.4	-	163.42	113.80	100.06
2013	109.01	-3.1	-	151.45	109.76	99.41
2014	106.83	-2.0	-	141.20	106.91	100.11
2015	100.00	-6.4	-	100.00	100.00	100.00
2016	97.35	-2.7	-	84.72	96.79	100.61
2017	101.38	4.1	-	104.01	100.86	101.40
2018	104.46	3.0	-	119.36	103.59	102.18
2019	104.71	0.2	-	118.78	103.47	103.21
2020	102.30	-2.3	-	99.28	101.47	103.74
2021 <sup>P</sup>	111.12	8.6	-	130.48	111.07	106.23
2018. 12	104.21	-1.5	2.3	119.64	103.08	102.24
2019. 1	103.48	-0.7	1.3	114.20	102.42	102.40
2	103.52	0.0	0.3	114.06	102.54	102.31
3	104.31	0.8	1.4	118.25	103.15	102.70
4	104.87	0.5	1.9	119.92	103.72	103.02
5	105.95	1.0	2.0	125.54	104.61	103.48
6	105.38	-0.5	0.7	123.90	103.99	103.20
7	104.74	-0.6	-0.8	117.77	103.72	103.11
8	105.64	0.9	-0.2	122.08	104.29	103.83
9	105.17	-0.4	-0.8	120.24	103.70	103.87
10	104.75	-0.4	-1.4	118.05	103.46	103.51
11	104.17	-0.6	-1.6	115.15	102.95	103.29
12	104.52	0.3	0.3	116.23	103.12	103.81
2020. 1	104.80	0.3	1.3	117.94	103.17	104.15
2	105.14	0.3	1.6	119.55	103.51	104.21
3	104.02	-1.1	-0.3	113.53	102.40	104.02
4	101.70	-2.2	-3.0	96.95	100.89	103.45
5	100.51	-1.2	-5.1	85.50	100.20	103.61
6	101.24	0.7	-3.9	90.65	100.63	103.89
7	101.84	0.6	-2.8	96.47	101.06	103.71
8	102.11	0.3	-3.3	96.11	101.33	104.09
9	102.20	0.1	-2.8	96.67	101.34	104.24
10	101.24	-0.9	-3.4	91.90	100.83	103.30
11	101.02	-0.2	-3.0	91.36	100.74	102.96
12	101.78	0.8	-2.6	94.68	101.49	103.19
2021. 1	103.56	1.7	-1.2	102.60	102.93	104.15
2	105.22	1.6	0.1	108.91	104.63	104.71
3	107.30	2.0	3.2	116.97	106.76	105.37
4	108.41	1.0	6.6	119.26	108.49	105.18
5	109.05	0.6	8.5	119.92	109.36	105.47
6	110.11	1.0	8.8	125.46	110.28	105.74
7	112.25	1.9	10.2	135.75	112.19	106.45
8	113.42	1.0	11.1	140.05	113.39	106.88
9	113.91	0.4	11.5	140.43	114.07	107.05
10	115.69	1.6	14.3	146.00	116.02	107.72
11	117.30	1.4	16.1	155.28	117.41	107.99
12 <sup>P</sup>	117.27	0.0	15.2	155.18	117.33	108.04

The Indexes are preliminary and may be revised next month, < > : weight for 2021

## 4. Total Output Price Indexes(Time Series)

(2015=100)

Year & Month	Total Index <1000>			Agricultural, Forestry & Marine Products <29.537>	Manufacturing Goods <596.080>	Services <325.169>
	Index	Period-on- Period Change(%)	Year-on- Year Change(%)			
2012	108.64	0.1	-	104.53	114.04	97.11
2013	106.26	-2.2	-	97.67	110.19	97.37
2014	104.39	-1.8	-	97.82	106.50	98.80
2015	100.00	-4.2	-	100.00	100.00	100.00
2016	97.70	-2.3	-	105.96	96.37	101.02
2017	101.72	4.1	-	112.83	101.45	102.45
2018	103.47	1.7	-	116.70	103.36	103.92
2019	102.83	-0.6	-	114.20	101.61	105.19
2020	101.23	-1.6	-	124.74	97.94	106.60
2021 <sup>P</sup>	109.34	8.0	-	134.76	109.39	109.07
2018. 12	102.75	-1.0	0.9	115.79	102.05	104.15
2019. 1	102.22	-0.5	0.2	115.96	101.00	104.45
2	102.28	0.1	-0.3	112.06	101.11	104.77
3	102.66	0.4	0.3	113.62	101.61	104.87
4	103.07	0.4	0.5	115.07	102.05	105.13
5	103.79	0.7	0.6	112.54	103.28	105.20
6	103.04	-0.7	-0.3	111.90	102.07	105.26
7	102.90	-0.1	-1.4	111.84	101.71	105.46
8	103.47	0.6	-1.2	115.47	102.42	105.54
9	103.28	-0.2	-1.7	118.03	102.01	105.33
10	102.64	-0.6	-2.2	112.56	101.18	105.43
11	102.10	-0.5	-1.6	113.42	100.28	105.42
12	102.45	0.3	-0.3	117.93	100.60	105.46
2020. 1	102.42	0.0	0.2	121.84	100.01	106.19
2	102.54	0.1	0.3	118.23	100.31	106.24
3	101.71	-0.8	-0.9	119.62	99.10	105.88
4	100.56	-1.1	-2.4	119.68	97.21	105.97
5	100.39	-0.2	-3.3	122.83	96.78	106.06
6	100.83	0.4	-2.1	120.94	97.39	106.43
7	101.00	0.2	-1.8	125.30	97.61	106.84
8	101.35	0.3	-2.0	132.78	97.70	107.16
9	101.50	0.1	-1.7	139.03	97.73	107.00
10	100.69	-0.8	-1.9	125.91	96.99	107.05
11	100.53	-0.2	-1.5	123.97	96.81	107.06
12	101.21	0.7	-1.2	126.73	97.65	107.27
2021. 1	102.59	1.4	0.2	134.56	99.30	107.96
2	103.98	1.4	1.4	138.63	101.26	108.13
3	105.68	1.6	3.9	138.53	103.89	108.25
4	107.07	1.3	6.5	134.58	106.05	108.64
5	108.01	0.9	7.6	133.05	107.66	108.72
6	108.87	0.8	8.0	133.51	108.89	108.90
7	110.62	1.6	9.5	135.95	111.46	109.33
8	111.44	0.7	10.0	136.79	112.54	109.62
9	112.13	0.6	10.5	135.78	113.53	109.61
10	113.57	1.3	12.8	129.59	115.87	109.69
11	114.18	0.5	13.6	131.41	116.53	109.86
12 <sup>P</sup>	113.94	-0.2	12.6	134.79	115.73	110.17

The Indexes are preliminary and may be revised next month, < > : weight for 2021



## **1. How the Producer Price Index is Compiled**

### **1. Definition and Use**

- The Producer Price Index (PPI) measures changes in the price of goods and services produced and transacted in the domestic market. The index is used to measure business trend indicators, deflators, etc.

### **2. Frequency**

- The prices of goods and services are surveyed once a month.

### **3. Prices Surveyed: basic prices**

### **4. Items Subject to Survey**

- For goods and services, the transaction amounts in the domestic market of only those items accounting for more than 1/10,000 of the total transaction amount and more than 1/2,000 of the total transaction amount respectively, and those that represent price fluctuations of items under the same classification are surveyed.
- Items marked without comparable price quotations for considerable period, e.g. ships, weapons, aircraft, works of art, etc., are excluded.

### **5. Method of Compilation**

- Groups
  - Basic Groups -- The main five categories are: Agricultural, forestry & marine products; Mining products; Manufacturing products; Electric power, gas, water & waste; and, Services.
  - Specialized Groups -- Ten indexes fall under this classification: Foods/Excluding-foods; Fresh foods/Excluding fresh foods; Energy/Excluding energy; IT/Excluding IT; Excluding foods & energy; and, Excluding fresh foods & energy.

- **Weight:** Weight is the ratio in permillage that shows how much the domestic transaction value of a selected item and its similar ones accounts for the universe of possibilities. It represents the importance of each item in the overall index.

#### Number of Items and Weight of Each PPI Category (as of 2021)

Category		No. of items	Weight
Total Index		892	1,000.0
Basic	Goods	788	586.4
	Agricultural, forestry & marine products	71	36.6
	Mining products	7	2.3
	Manufacturing products	696	487.2
	Electric power, gas, water & waste	14	60.3
	Services	104	413.6
Speciali- zed	Foods	152	71.7
	Excluding foods	740	928.3
	Fresh foods	44	14.2
	Excluding fresh foods	848	985.8
	Energy	21	65.5
	Excluding energy	871	934.5
	Information Technology	72	105.6
	Excluding information technology	820	894.4
	Excluding foods & energy	719	862.8
	Excluding fresh foods & energy	827	920.3

- **Formula:** A chain-weighted formula is used.
- **Quality Adjustment Method:** Methods such as production cost, direct comparison, overlapping, and imputation are generally employed to adjust for quality. The Hedonic regression method is applied to products such as PCs, for example, whose qualities are quantifiable by objective numeric values.

## 6. Notes on Statistical Use

- The purpose of the PPI is to measure changes in the price, not to present absolute price levels.
- Prices of agricultural, forestry & marine products are bidding prices in wholesale markets rather than those at which farmers or fishers sell their products.
- The PPI may be compared with the Consumer Price Index (CPI), but should not be used to measure margins at the stages of producer and retail sales.

## 2. How the Domestic Supply Price Index is Compiled

### 1. Definition and Use

- The Domestic Supply Price Index measures changes in the price of goods and services supplied to the domestic market by the stages of processing.

### 2. Method of Compilation

- The Index aggregates and reclassifies the items in the Producer Price Index and Import Price Index.
- When the items in the Import Price Index are compiled by the prices at the contract point, are used for compilation of the Domestic Supply Price Index, they are adjusted by the time gaps between the contract point and the customs clearance point.

#### Weight of Each Domestic Supply Price Index Category (as of 2021)

Category	Weight
Domestic Supply Price Index	1,000.000
Raw materials	72.285
Intermediate goods and services	571.804
Final goods and services	355.911

### 3. Notes on statistical use

- The final goods and services index seems to move similarly with the Consumer Price Index. The PPI, however, would show different movement patterns because it includes capital equipment that the CPI does not cover.
- The Import Price Index adjusted by the customs clearance time is different from the Import Price Index compiled by the contract prices.

#### Coverage of Each Index

	Producer Price Index	Import Price Index	Export Price Index
Goods	Goods produced and transacted in the domestic market	Imported goods	Exported goods
Services	Services produced and transacted in the domestic market	↙ Domestic Supply Price Index	

### 3. How the Total Output Price Index is Compiled

#### 1. Definition and Use

- The Total Output Price Index measures changes in the price of goods and services produced by domestic producers.

#### 2. Method of Compilation

- The Total Output Price Index aggregates and reclassifies the items in the Producer Price Index and Export Price Index.
- The Export Price Index is compiled from the prices set by a contract between two parties, and customs clearance time should be considered and reflected in the index.


#### Weight of Each Total Output Price Index Category (as of 2021)

Category	Weight
Total Output Price Index	1,000.000
Agricultural, forestry & marine products	29.537
Manufacturing products	596.080

#### 3. Notes on Statistical Use

- The Export Price index is adjusted by the customs procedure time and is different from the Export Price Index compiled by the contract prices.

#### Coverage of each Index

	Producer Price Index	Export Price Index	Import Price Index
Goods	Goods produced and transacted in the domestic market	Exported goods	Imported goods
Services	Services produced and transacted in the domestic market	 <b>Total Output Price Index</b>	

(Appendix 2)

## Release date of Producer Price Index during 2022

Statistics	Date
<b>Producer Price Index during December 2021</b>	<b>January 20</b>
Producer Price Index during January 2022	February 24
Producer Price Index during February 2022	March 23
Producer Price Index during March 2022	April 21
Producer Price Index during April 2022	May 20
Producer Price Index during May 2022	June 23
Producer Price Index during June 2022	July 22
Producer Price Index during July 2022	August 25
Producer Price Index during August 2022	September 23
Producer Price Index during September 2022	October 21
Producer Price Index during October 2022	November 24
Producer Price Index during November 2022	December 22

Note : Embargoed for release until the evening paper of the relevant dates of release.  
(However, news agencies, broadcasting companies and internet-based media are embargoed for publication until 06:00 am of the release date.)