

## Bank of Japan

Research and Statistics Department

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#### **Monthly Report on the Corporate Goods Price Index**

(Preliminary Figures for May 2023)

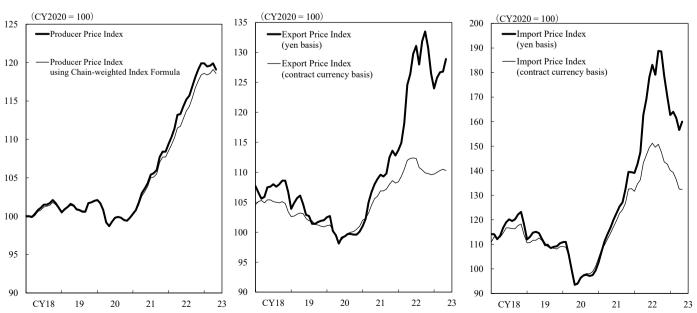
- ❖ The Producer Price Index fell 0.7 percent from the previous month.
- ❖ The Export Price Index (contract currency basis) fell 0.2 percent from the previous month.
- ❖ The Import Price Index (contract currency basis) fell 0.1 percent from the previous month.

CY2020 = 100, %

					Export Pr	ice Index			Foreign			
	Producer Price Index		CXIII			Yen basis		currency	Y ba	en sis	Contract ba	exchange rate \$/yen
	Monthly change	Yearly change	electricity Monthly change	Monthly change	Yearly change	Monthly change						
2022/ Apr.	1.6	9.9	1.6	5.4	16.8	1.4	7.2	10.3	42.6	5.1	27.6	6.3
May	0.1	9.4	0.1	1.4	17.0	0.3	6.3	3.9	44.9	2.2	27.7	2.2
June	0.9	9.6	0.9	2.7	19.2	0.1	6.0	5.3	48.3	2.1	27.6	4.0
July	0.8	9.3	0.6	1.0	19.6	-0.1	5.1	2.8	49.2	1.1	26.3	2.1
Aug.	0.4	9.6	0.4	-2.4	17.1	-1.3	3.6	-2.2	42.8	-1.1	22.0	-1.1
Sep.	1.0	10.3	1.0	3.0	20.1	-0.4	3.0	5.4	48.5	0.8	21.5	5.8
Oct.	1.0	9.7	1.2	1.2	18.7	-0.5	1.8	-0.1	42.3	-2.1	16.5	2.9
Nov.	0.8	9.9	0.8	-2.0	15.1	-0.1	1.1	-5.4	28.0	-2.8	8.4	-3.2
Dec.	0.7	10.6	0.7	-3.3	12.1	-0.2	1.3	-4.6	22.2	-0.6	7.5	-5.2
2023/ Jan.	0.0	9.6	0.0	-2.0	9.1	0.1	1.2	-4.5	17.0	-1.8	6.5	-3.5
Feb.	-0.3	8.3	-0.3	1.5	9.5	0.3	0.6	r 0.8	r 15.0	-0.6	3.5	1.8
Mar.	0.1	7.4	0.1	r 0.7	r 7.2	0.3	-0.2	r -1.5	r 9.4	r -2.1	r 0.1	0.9
Apr.	r 0.3	r 5.9	r 0.3	r 0.1	1.8	0.2	-1.3	r -3.0	r -3.8	r -2.9	r -7.5	-0.4
May Preliminary Figures	-0.7	5.1	-0.7	1.7	2.0	-0.2	-1.8	2.2	-5.4	-0.1	-9.6	3.0
Index	119		119.1	128		110		160		132	137.4	

Notes: 1. The index of "All commodities excluding extra charges for summer electricity" adjusts extra charges applied during summer season from July to September.

- 2. A negative change in the "Foreign exchange rate" indicates an appreciation of the yen.
- 3. r: revised figures



#### (Commodities contributing to the monthly changes in May 2023)

Producer Price Index		Monthly change -0.7%
Groups	Contribution to change	Commodities
Electric power, gas and water	-0.63 %	Electricity, Gas supply
Petroleum and coal products	-0.06 %	Gasoline, Gas oil, Liquefied petroleum gas
Nonferrous metals	-0.04 %	Copper, Plastic insulated copper wires, Power and telecommunications cables except optical fiber cables
Scrap and waste	-0.04 %	Scrap iron, Copper and aluminum scrap
Chemicals and related products	-0.03 %	Benzene, Xylene, Polypropylene resins
Agriculture, forestry and fishery products	0.03 %	Pork, Cooked and dried whitebait, Dried laver
Metal products	0.02 %	Gas equipment for cooking, boiling and heating, Locks, keys and construction hardware, Plumbing fixtures
Production machinery	0.02 %	Metal molds, Presses, Robots
Electrical machinery and equipment	0.02 %	Household air-conditioners, Programmable controllers, Electric luminaries
Beverages and foods	0.02 %	Japanese sweets, Buns, Bread type rolls and sandwiches
Other manufacturing industry products	0.01 %	Motor vehicle tires, Planograph printed matter, Rubber sheets

Export Price Index (contract currency basis)		Monthly change -0.2%
Groups	Contribution to change	Commodities
Metals and related products	-0.20 %	Scrap iron, Hot rolled steel strips, Copper scrap
General purpose, production and business oriented machinery	-0.07 %	Semiconductor manufacturing equipment (except flat panel and display manufacturing equipment), Machinists' precision tools
Other primary products and manufactured goods	-0.07 %	Gasoline, Gas oil, Cement
Transportation equipment	0.05 %	Passenger motor cars, Bicycle parts, Buses
Chemicals and related products	0.03 %	Para-xylene, Benzene, Synthetic rubber
Electric and electronic products	0.02 %	MOS integrated circuits (except MOS memory integrated circuits), Switches for electronic equipment, Generators
Textiles	0.02 %	Fiber fabrics

Import Price Index (contract currency basis)		Monthly change -0.1%
Groups	Contribution to change	Commodities
Petroleum, coal and natural gas	-0.29 %	Liquefied natural gas, Coal for coke making, Liquefied petroleum gas
Other primary products and manufactured goods	-0.06 %	Bleached paper kraft pulp, Plastic films and sheets, Natural rubber
Lumber and wood products and forest products	-0.04 %	Wood chips, Timber, Plywood
Electric and electronic products	-0.01 %	Storage media, Cellular phones, Displays and terminal units
Metals and related products	0.26 %	Iron ores, Unwrought silver, Ferro-chromium
Chemicals and related products	0.04 %	Pharmaceutical products (except agents used for animals), High function resins, Benzene

### Producer Price Index

(Preliminary Figures for May 2023)

CY2020 = 100, %

		Index	D	viene	Monthly	D	wiene	Yearly		vious
	Weight	maca		evious onth	change		evious onth	change		evious nonth
All commodities	1,000.0	119.1	r	119.9	-0.7	r	0.3	5.1	r	5.9
excluding extra charges for summer electricity	1,000.0	119.1	r	119.9	-0.7	r	0.3	5.1	r	5.9
Beverages and foods	144.6	114.0	r	113.8	0.2	r	0.5	7.9	r	7.5
Textile products	9.4	112.0	r	112.1	-0.1	r	1.4	6.8	r	8.3
Lumber and wood products	9.6	141.4	r	142.1	-0.5	r	-2.4	-19.8	r	-18.2
Pulp, paper and related products	28.8	120.5	r	120.2	0.2	r	1.5	15.3	r	15.4
Chemicals and related products	86.1	116.5		117.0	-0.4	r	-0.7	-0.4		1.9
Petroleum and coal products	52.8	147.6	r	149.0	-0.9	r	1.2	-1.8		-6.6
Plastic products	41.0	112.7		112.9	-0.2		0.0	6.3		7.2
Ceramic, stone and clay products	23.4	120.6	r	120.4	0.2	r	3.3	14.6	r	15.7
Iron and steel	50.6	154.0	r	154.2	-0.1		-1.8	9.0	r	10.8
Nonferrous metals	26.7	150.0	r	151.8	-1.2	r	-0.1	-2.0	r	-2.5
Metal products	43.7	122.1	r	121.5	0.5	r	0.6	11.5	r	12.0
General purpose machinery	33.3	106.7	r	106.4	0.3	r	1.2	4.4	r	4.3
Production machinery	45.8	107.4	r	106.8	0.6	r	0.5	4.7	r	4.4
Business oriented machinery	14.9	104.1	r	104.0	0.1	r	1.0	2.8	r	2.8
Electronic components and devices	19.3	106.2	r	106.2	0.0	r	0.7	2.8	r	2.9
Electrical machinery and equipment	50.0	107.7	r	107.1	0.6	r	1.0	5.5	r	5.2
Information and communications equipment	18.2	105.0	r	105.2	-0.2	r	-0.1	4.5	r	4.0
Transportation equipment	150.9	107.0	r	107.0	0.0		0.5	3.4	r	3.9
Other manufacturing industry products	43.2	110.6	r	110.2	0.4	r	0.6	7.2	r	7.2
Agriculture, forestry and fishery products	40.3	108.4	r	107.7	0.6	r	1.2	10.3	r	11.1
Minerals	3.7	143.3	r	143.3	0.0	r	-3.8	14.7	r	17.4
Electric power, gas and water	58.4	141.6	r	154.5	-8.3	r	0.1	13.1	r	24.3
Scrap and waste	5.3	170.4	r	178.7	-4.6		-4.2	-18.4		-18.3

# Export Price Index ( Preliminary Figures for May 2023 )

CY2020 = 100, %

					Monthly change					Yearly change				
	Weight	Yen basis	Previous month	Yen basis	Previous cu		Contract currency basis	Yen basis		vious onth	Contract currency basis			
All commodities	1,000.0	128.9	126.8	1.7	r	0.1	-0.2	2.0		1.8	-1.8			
Textiles	9.2	126.0	r 120.9	4.2	r	0.1	2.2	9.7	r	7.0	5.4			
Chemicals and related products	117.5	140.8	r 137.5	2.4		-0.4	0.3	-2.8	r	-3.5	-6.6			
Metals and related products	103.5	161.2	r 159.7	0.9	r	0.4	-1.6	-3.6		-3.4	-8.4			
General purpose, production and business oriented machinery	196.5	117.1	116.2	0.8	r	0.5	-0.4	5.9		5.8	2.9			
Electric and electronic products	210.2	116.8	r 114.6	1.9	r	-0.4	0.1	1.9	r	2.1	-1.8			
Transportation equipment	269.9	124.3	r 121.5	2.3	r	0.6	0.2	7.9	r	5.8	3.3			
Other primary products and manufactured goods	93.2	144.4	r 142.4	1.4	r	-0.7	-0.7	-4.4	r	-2.1	-8.0			

### <u>Import Price Index</u> ( Preliminary Figures for May 2023 )

CY2020 = 100, %

				М	Monthly change				Yearly change				
	Weight	Yen basis Previous month		Yen basis	Previous month		Contract currency basis	Yen basis	Previous month		Contract currency basis		
All commodities	1,000.0	160.0	r 156.6	2.2	r	-3.0	-0.1	-5.4	r	-3.8	-9.6		
Beverages and foods and agriculture products for food	85.1	153.9	r 150.8	2.1		-0.1	0.0	2.3		3.1	-1.4		
Textiles	58.6	120.6	r 119.2	1.2	r	-0.4	-0.2	5.2	r	5.4	2.6		
Metals and related products	101.6	163.6	r 155.2	5.4	r	-0.3	2.6	-6.8	r	-7.6	-11.3		
Lumber and wood products and forest products	16.6	150.8	r 150.9	-0.1	r	-0.2	-2.8	-20.3	r	-17.3	-25.9		
Petroleum, coal and natural gas	213.6	256.0	r 251.0	2.0	r	-8.0	-0.9	-15.5	r	-11.6	-20.5		
Chemicals and related products	108.4	121.1	r 119.1	1.7	r	0.3	0.5	-0.5	r	-0.3	-3.7		
General purpose, production and business oriented machinery	75.9	124.8	r 122.8	1.6		0.5	0.1	6.2	r	5.9	2.4		
Electric and electronic products	206.7	126.2	r 123.5	2.2	r	-1.3	0.0	1.5	r	0.9	-2.9		
Transportation equipment	51.2	129.9	r 128.0	1.5	r	1.6	-0.1	11.0	r	11.4	7.1		
Other primary products and manufactured goods	82.3	130.0	r 128.4	1.2		-0.4	-0.9	5.2	r	5.5	0.0		

### Producer Price Index

### using Chain-weighted Index Formula

(Preliminary Figures for May 2023)

CY2020 = 100, %

	Weight	Index	Monthly change		vious onth	Yearly change		evious onth
All commodities	1,000.0	118.6	-0.4	r	0.4	6.2	r	6.8
excluding extra charges for summer electricity	1,000.0	118.6	-0.4	r	0.4	6.2	r	6.8
Beverages and foods	148.2	113.5	0.1	r	0.7	7.7	r	7.4
Textile products	9.3	111.2	0.0	r	1.2	6.4	r	7.5
Lumber and wood products	9.5	149.7	-0.3	r	-1.8	-14.2	r	-12.3
Pulp, paper and related products	29.3	120.3	0.3	r	1.5	15.2	r	15.3
Chemicals and related products	86.9	113.9	-0.3	r	-1.0	0.7		2.4
Petroleum and coal products	46.9	146.1	-1.0		0.9	-0.9		-5.0
Plastic products	41.8	112.8	-0.1		0.1	6.3		7.0
Ceramic, stone and clay products	23.4	120.1	0.1	r	3.3	14.3	r	15.4
Iron and steel	48.5	153.1	-0.1	r	-1.4	9.0	r	10.
Nonferrous metals	25.8	149.3	-1.1	r	0.1	-1.2	r	-1.3
Metal products	44.9	121.1	0.6	r	0.4	11.1	r	11
General purpose machinery	32.8	106.5	0.2	r	1.3	4.2	r	4.
Production machinery	45.2	106.9	0.5	r	0.6	4.5	r	4.
Business oriented machinery	15.5	104.0	0.1	r	1.0	2.8	r	2.
Electronic components and devices	19.9	105.7	0.0	r	0.6	2.5	r	2.
Electrical machinery and equipment	51.6	107.2	0.5	r	1.0	5.3	r	5.
Information and communications equipment	18.3	104.1	-0.2	r	-0.4	3.7	r	3.
Transportation equipment	148.8	106.4	0.1		0.4	3.3	r	3.
Other manufacturing industry products	43.5	110.1	0.4	r	0.6	6.9	r	6.
Agriculture, forestry and fishery products	42.8	107.1	0.7	r	0.9	9.7	r	10.
Minerals	3.6	144.6	0.0	r	-0.8	16.4	r	18.
Electric power, gas and water	58.4	141.2	-8.2	r	0.5	12.9	r	24.
Scrap and waste	5.1	170.3	-4.1	r	-3.7	-15.2		-15.

Note: The indexes are based on the year 2020 weights.

# Corporate Goods Price Index <u>Time Series Data</u>

CY2020 = 100, %

		Producer	Price Inde	ex				Export Price Index								
		All commodities			excludi charges fo	rence) ng extra or summer	All comm (yen basis)				All commodities (contract currency basis)					
			Monthly (Quarterly) change	Yearly change	Change from three months earlier	Monthly (Quarterly) change	Change from three months earlier		Monthly (Quarterly) change	Yearly change	Change from three months earlier		Monthly (Quarterly) change	Yearly change	Change from three months earlier	
CY :	2020	100.0	_	_	_	_	_	100.0	_	_	_	100.0	_	_	_	
	2021	104.6	_	4.6	_	_	_	108.3	_	8.3	_	105.8	_	5.8	_	
	2022	114.7	_	9.7	_	_	_	125.8	_	16.2	_	110.6	_	4.5	<u> </u>	
FY	2020	99.9	_	_	_	_	_	100.2	_	_	_	100.4	–	_	_	
	2021	107.0	_	7.1	_	_	_	111.5	_	11.3	_	107.5	_	7.1	_	
	2022	117.1		9.4			<u> </u>	128.3	<u> </u>	15.1	<u> </u>	110.8	<u> </u>	3.1	<u> </u>	
2022/	Q2	113.6	2.9	9.7	_	2.9	_	126.9	9.8	17.6	_	112.2	2.6	6.5	_	
	Q3	115.9	2.0	9.6	_	1.8	_	130.3	2.7	18.9	_	111.2	-0.9	3.9	_	
	Q4	119.0	2.7	10.0	_	2.9	_	130.3	0.0	15.3	_	109.8	-1.3	1.4	<u> </u>	
2023/	Q1	119.7	0.6	8.4	_	0.6	_	125.5	-3.7	8.6	—	110.0	0.2	0.5	<u> </u>	
2022/	Apr.	113.2	1.6	9.9	3.5	1.6	3.5	124.6	5.4	16.8	9.6	112.0	1.4	7.2	3.3	
	May	113.3	0.1	9.4	2.7	0.1	2.7	126.4	1.4	17.0	10.0	112.3	0.3	6.3	2.7	
	June	114.3	0.9	9.6	2.6	0.9	2.6	129.8	2.7	19.2	9.8	112.4	0.1	6.0	1.7	
	July	115.2	0.8	9.3	1.8	0.6	1.6	131.1	1.0	19.6	5.2	112.3	-0.1	5.1	0.3	
	Aug.	115.7	0.4	9.6	2.1	0.4	1.9	128.0	-2.4	17.1	1.3	110.8	-1.3	3.6	-1.3	
	Sep.	116.9	1.0	10.3	2.3	1.0	2.1	131.9	3.0	20.1	1.6	110.4	-0.4	3.0	-1.8	
	Oct.	118.1	1.0	9.7	2.5	1.2	2.7	133.5	1.2	18.7	1.8	109.9	-0.5	1.8	-2.1	
	Nov.	119.1	0.8	9.9	2.9	0.8	3.1	130.8	-2.0	15.1	2.2	109.8	-0.1	1.1	-0.9	
	Dec.	119.9	0.7	10.6	2.6	0.7	2.7	126.5	-3.3	12.1	-4.1	109.6	-0.2	1.3	-0.7	
2023/	Jan.	119.9	0.0	9.6	1.5	0.0	1.5	124.0	-2.0	9.1	-7.1	109.7	0.1	1.2	-0.2	
	Feb.	119.5	-0.3	8.3	0.3	-0.3	0.3	125.8	1.5	9.5	-3.8	110.0	0.3	0.6	0.2	
	Mar.	119.6	0.1	7.4	-0.3	0.1	-0.3	126.7	0.7	7.2	0.2	110.3	0.3	-0.2	0.6	
	Apr.	119.9	0.3	5.9	0.0	0.3	0.0	126.8	0.1	1.8	2.3	110.5	0.2	-1.3	0.7	
I	May	119.1	-0.7	5.1	-0.3	-0.7	-0.3	128.9	1.7	2.0	2.5	110.3	-0.2	-1.8	0.3	

CY2020 = 100.%

		T							C 1 2020	= 100, %
		Import P	rice Index							Foreign
		All comm (yen basis)				All comme		exchange rate \$/yen		
			Monthly (Quarterly) change	Yearly change	Change from three months earlier		Monthly (Quarterly) change	Yearly change	Change from three months earlier	Monthly (Quarterly) (Yearly) change
CY	2020	100.0	_	_	_	100.0	_	_	_	-2.1
	2021	121.6	_	21.6	_	118.7	_	18.7	_	2.8
	2022	169.0	_	39.0		143.9	_	21.2		19.7
FY	2020	99.5	_	_	_	99.9	_	_	_	-2.5
	2021	130.6	_	31.3	_	125.4	_	25.5	_	6.0
	2022	173.9	_	33.2	—	145.0	_	15.6		20.5
2022	•	170.0	18.8	45.3	_	146.4	9.1	27.6	_	11.5
	Q3	183.7	8.1	46.8	_	150.5	2.8	23.3	_	6.8
	Q4	179.1	-2.5	30.6	_	144.7	-3.9	10.7	_	2.3
2023		162.7	-9.2	13.7	<u> </u>	138.6	-4.2	3.3	_	-6.5
2022		162.8	10.3	42.6	17.0	143.2	5.1	27.6	i	6.3
	May	169.2	3.9	44.9	18.7	146.4	2.2	27.7	8.8	2.2
	June	178.1	5.3	48.3	20.7	149.5	2.1	27.6	9.7	4.0
	July Aug.	183.1 179.1	2.8 -2.2	49.2 42.8	12.5 5.9	151.2 149.6	1.1 -1.1	26.3 22.0	5.6 2.2	2.1 -1.1
	Sep.	188.8	-2.2 5.4	42.8	6.0	150.8	0.8	21.5	0.9	5.8
	Oct.	188.6	-0.1	48.3	3.0	130.8		16.5	-2.3	2.9
	Nov.	178.5	-0.1 -5.4	28.0	-0.3	147.7	-2.1 -2.8	8.4	-2.3 -4.0	-3.2
	Dec.	170.3	-3.4 -4.6	22.2	-0.3 -9.8	143.0	-2.6 -0.6	7.5	-4.0 -5.4	-5.2
2023		162.7	-4.5	17.0	-13.7	140.1	-0.0 -1.8	6.5	-5.1	-3.5
2023	Feb.	164.0	0.8	15.0	-8.1	139.3	-0.6	3.5	-3.0	1.8
	Mar.	161.5	-1.5	9.4	-5.2	136.4	-2.1	0.1	-4.4	0.9
	Apr.	156.6	-3.0	-3.8	-3.7	132.5	-2.9	-7.5	-5.4	-0.4
	May	160.0	2.2	-5.4	-2.4	132.4	: :	-9.6	!	3.0