



Manufacturing Domestic Supply Index in the Fourth Quarter and in 2022

Manufacturing Domestic Supply Index in the Fourth Quarter

1 (Domestic supply trend)

In the fourth quarter of 2022, the Manufacturing Domestic Supply Index rose by 1.5% from the fourth quarter of 2021, due to the increase in imported goods in spite of the decrease in domestic goods.

○ (Domestic and imported goods)

Compared to the fourth quarter of 2021, the supply of domestic goods fell by 0.6%, while that of imported goods grew by 6.2%.

○ (By type of goods)

Compared to the fourth quarter of 2021, final goods rose by 0.6%. (Among final goods, consumer goods fell by 3.3%. Capital goods grew by 6.5%.) Intermediate goods grew by 2.1%.

- Consumer goods including 'Mobile phones' and 'Ready-made outer clothes' recorded a year-on-year decrease.
- Capital goods including 'Gas and chemical carriers' and 'Wafer processing equipment' recorded a year-on-year increase.
- Intermediate goods including 'Automotive parts' and 'System semiconductor' recorded a year-on-year increase.

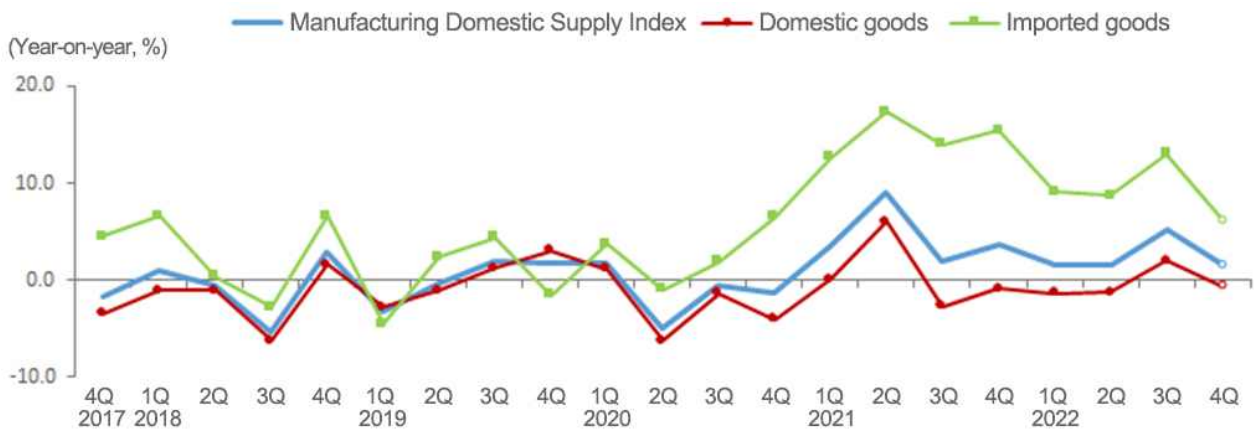
○ (By industry)

Compared to the fourth quarter of 2021, 'Basic metals' declined by 11.5%. In the meantime, 'Motor vehicles, trailers and semitrailers' and 'Electronic components, computer; visual, sounding and communication equipment' grew by 18.4% and 9.0%, respectively.

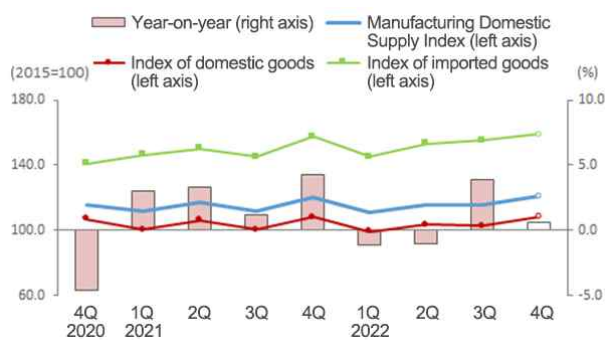
< Manufacturing Domestic Supply Index >

(Year-on-year, %)

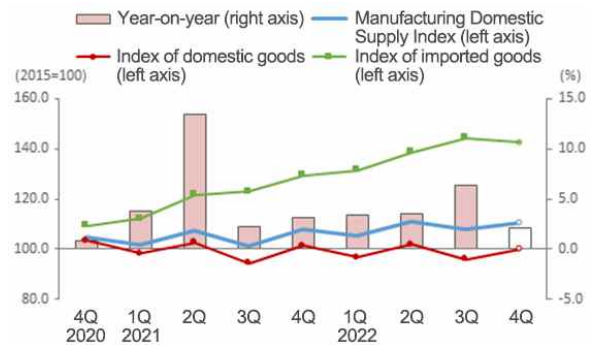
		2021			2022 ^P				
			3Q	4Q		1Q	2Q	3Q	4Q ^P
Total	Manufacturing	4.5	1.9	3.6	2.5	1.6	1.6	5.2	1.5
	- Domestic goods	0.6	-2.7	-0.9	-0.4	-1.4	-1.3	2.0	-0.6
	- Imported goods	14.8	14.0	15.4	9.2	9.1	8.7	13.0	6.2
By type of goods	- Final goods	2.9	1.2	4.3	0.5	-1.1	-1.0	3.9	0.6
	· Consumer goods	2.5	-1.2	4.5	0.5	1.7	-0.4	4.8	-3.3
	· Capital goods	3.7	4.8	4.0	0.5	-5.1	-2.1	2.6	6.5
	- Intermediate goods	5.7	2.3	3.1	3.7	3.4	3.5	6.3	2.1
Major industries	- Motor vehicles, trailers and semitrailers	3.1	-6.6	-6.1	9.1	-2.6	2.8	18.8	18.4
	- Electronic components, computer; visual, sounding and communication equipment	9.2	2.6	12.8	14.1	14.2	15.5	18.5	9.0
	- Basic metals	8.4	12.8	2.8	-4.7	2.5	-1.9	-7.7	-11.5
Share of imported goods		29.4	30.2	30.0	31.2	30.7	30.7	32.3	31.1



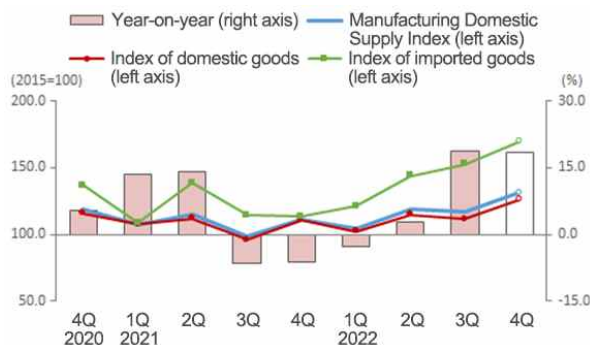
< Trends in the domestic supply of final goods >



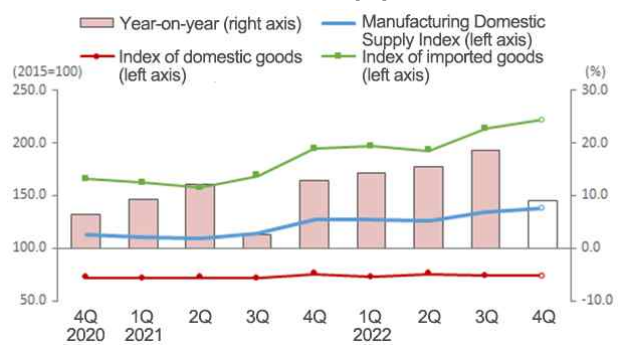
< Trends in the domestic supply of intermediate goods >



< Trends in the domestic supply of 'Motor vehicles, trailers and semitrailers' >



< Trends in the domestic supply of 'Electronic components, computer; visual, sounding and communication equipment' >



2 (Share of imported goods)

In the fourth quarter of 2022, imported goods accounted for 31.1% of the total manufacturing domestic supply, up 1.1%p from the fourth quarter of 2021.

○ (Final goods)

Final goods took up 33.7% of the total imported goods, up 0.6%p from the fourth quarter of 2021.

- (Consumer goods)

Consumer goods occupied 33.0% of the total imported goods, up 2.8%p from the fourth quarter of 2021.

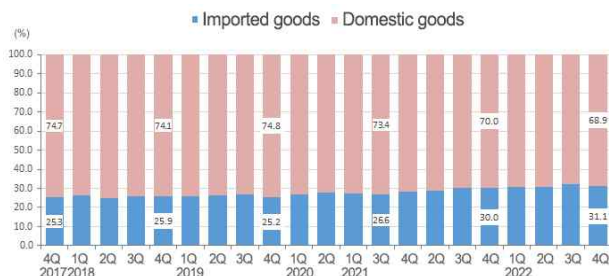
- (Capital goods)

Capital goods accounted for 34.8% of the total imported goods, down 2.8%p from the fourth quarter of 2021.

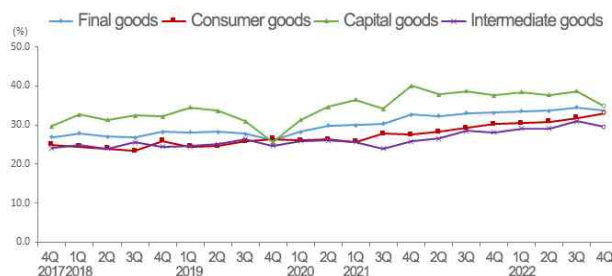
○ **(Intermediate goods)**

Intermediate goods took up 29.5% of the total imported goods, up 1.4%p from the fourth quarter of 2021.

< Trends in the share of domestic and imported goods >



< Trends in the share of imported goods by type of goods >



Manufacturing Domestic Supply Index in 2022

1. Manufacturing domestic supply index

- In 2022, the Manufacturing Domestic Supply Index went up by 2.5% from 2021, due to the rise in imported goods despite the drop in domestic goods.
- Compared to 2021, the supply of domestic goods fell by 0.4% owing to the drop in 'Chemicals and chemical products; except pharmaceuticals and medicinal chemicals' and 'Basic metals'. The supply of imported goods grew by 9.2% owing to the rise in 'Electronic components, computer; visual, sounding and communication equipment' and 'Chemicals and chemical products; except pharmaceuticals and medicinal chemicals'.

< Manufacturing Domestic Supply Index >

(2015=100, %)

		2017	2018	2019	2020	2021	2022p
Index	Domestic supply	106.0	105.3	105.4	104.0	108.7	111.4
	- Domestic goods	104.9	103.1	103.2	100.3	100.9	100.5
	- Imported goods	109.3	112.2	112.4	115.4	132.5	144.7
Year-on-year	Domestic supply	4.2	-0.7	0.1	-1.3	4.5	2.5
	- Domestic goods	2.3	-1.7	0.1	-2.8	0.6	-0.4
	- Imported goods	10.2	2.7	0.2	2.7	14.8	9.2

□ **(By type of goods)**

- Compared to 2021, final goods rose by 0.5%, owing to the increase in imported goods (2.2%) despite the decrease in domestic goods (-0.2%). Intermediate goods grew by 3.7%, owing to the increase in imported goods (14.6%) despite the decrease in domestic goods (-0.4%).
- Consumer goods grew by 0.5% from 2021, owing to the increase in imported goods (7.6%) despite the decrease in domestic goods (-2.2%).
- Capital goods rose by 0.5% from 2021, owing to the increase in domestic goods (3.1%) despite the decrease in imported goods (-3.7%).

< Manufacturing Domestic Supply by type of goods >

(Year-on-year, %)

	2017	2018	2019	2020	2021	2022 ^P
- Final goods	8.2	-1.3	0.4	2.0	2.9	0.5
· Consumer goods	1.6	2.1	1.8	-0.6	2.5	0.5
· Capital goods	18.9	-5.9	-1.8	6.0	3.7	0.5
- Intermediate goods	1.7	-0.2	0.0	-3.6	5.7	3.7

(By industry)

Compared to 2021, 'Basic metals' showed a decrease in domestic supply. Whereas, 'Electronic components, computer; visual, sounding and communication equipment' and 'Motor vehicles, trailers and semitrailers' showed an increase in domestic supply.

(Electronic components, computer; visual, sounding and communication equipment)

The supply of 'Electronic components, computer; visual, sounding and communication equipment' grew by 14.1% owing to the rise in domestic goods (1.9%) and imported goods (20.8%).

(Motor vehicles, trailers and semitrailers)

The supply of 'Motor vehicles, trailers and semitrailers' grew by 9.1% owing to the rise in domestic goods (6.7%) and imported goods (23.7%).

(Basic metals)

The supply of 'Basic metals' fell by 4.7% owing to the drop in domestic goods (-5.1%) and imported goods (-3.4%).

< Manufacturing Domestic Supply by industry >

(Year-on-year, %)

	2017	2018	2019	2020	2021	2022 ^P
- Electronic components, computer; visual, sounding and communication equipment	4.8	2.5	5.3	-0.5	9.2	14.1
- Motor vehicles, trailers and semitrailers	-1.0	1.0	2.7	1.1	3.1	9.1
- Basic metals	1.0	-3.9	-1.3	-7.9	8.4	-4.7

2. Share of imported goods

In 2022, imported goods accounted for 31.2% of the total manufacturing domestic supply, up 1.8%p from 2021.

(By type of goods)

Final goods took up 33.9% of the total imported goods, up 1.1%p from 2021. Intermediate goods took up 29.7% of the total imported goods, up 2.4%p from 2021.

- Consumer goods occupied 31.5% of the total imported goods, up 2.7%p from 2021. Capital goods accounted for 37.3% of the total imported goods, down 1.2%p from 2021.

(By industry)

Compared to 2021, 'Tobacco products', 'Wearing apparel, clothing accessories and fur articles' and 'Electrical equipment' recorded an increase in the share of imported goods. Whereas, 'Coke, briquettes and refined petroleum products' recorded a decrease in the share of imported goods.

- (Increase in the share of imported goods)
'Tobacco products' (7.3%p), 'Wearing apparel, clothing accessories and fur articles' (6.1%p),
'Electrical equipment' (4.8%p), etc.
- (Decrease in the share of imported goods)
'Coke, briquettes and refined petroleum products' (-4.5%p), etc.

< Share of imported goods >

(Based on nominal prices, %)

		2017	2018	2019	2020	2021	2022 ^P
Manufacturing		25.4	25.8	26.1	27.1	29.4	31.2
By type of goods	- Final goods	26.9	27.5	27.5	29.6	32.8	33.9
	· Consumer goods	23.6	24.4	25.3	26.5	28.8	31.5
	· Capital goods	31.5	32.1	30.8	34.1	38.5	37.3
	- Intermediate goods	24.3	24.7	25.2	25.4	27.3	29.7
By industry	- Tobacco products	21.0	29.8	23.5	23.8	23.0	30.3
	- Wearing apparel, clothing accessories and fur articles	25.0	27.3	29.1	29.1	31.6	37.7
	- Electrical equipment	23.8	23.4	24.8	26.6	29.5	34.3
	- Coke, briquettes and refined petroleum products	25.8	28.8	27.2	29.4	34.0	29.5