



# Manufacturing Domestic Supply Index in the Fourth Quarter and in 2021

## Manufacturing Domestic Supply Index in the Fourth Quarter

### 1 (Domestic supply trend)

In the fourth quarter of 2021, the Manufacturing Domestic Supply Index rose by 3.9% from the fourth quarter of 2020, 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 2020, the supply of domestic goods fell by 0.5%, while that of imported goods grew by 15.3%.

#### ○ (By type of goods)

Compared to the fourth quarter of 2020, final goods rose by 4.5%. (Among final goods, consumer goods and capital goods grew by 4.5% and 4.4%, respectively.) Intermediate goods grew by 3.5%.

- Consumer goods including 'Mobile phones' and 'Pharmaceuticals, medicinal chemical and botanical products' recorded a year-on-year increase.

- Capital goods including 'Wafer processing equipment' and 'Semiconductor inspection equipment' recorded a year-on-year increase.

- Intermediate goods including 'System semiconductor' and 'Naphtha' recorded a year-on-year increase.

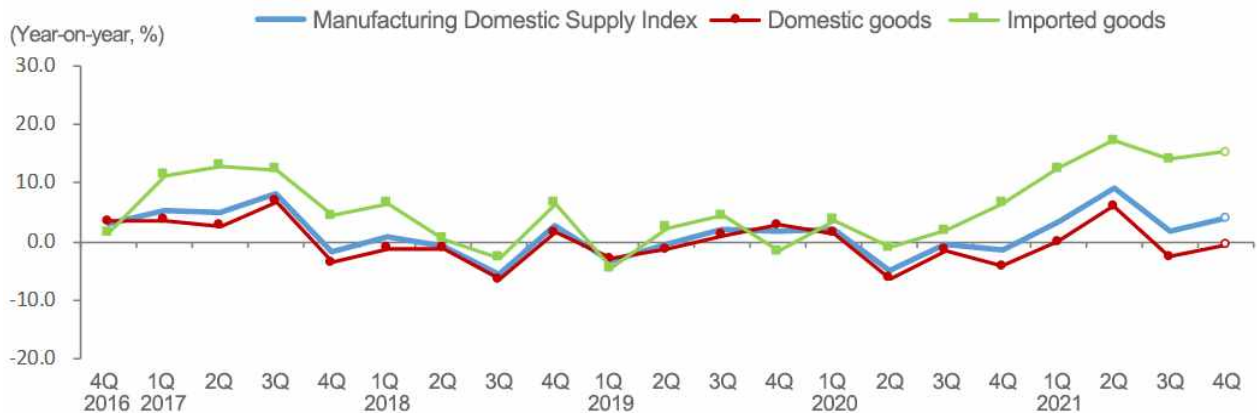
#### ○ (By industry)

Compared to the fourth quarter of 2020, 'Fabricated metal products' declined by 10.7%. In the meantime, 'Electronic components, computer; visual, sounding and communication equipment' and 'Machinery and equipment' grew by 12.5% and 7.6%, respectively.

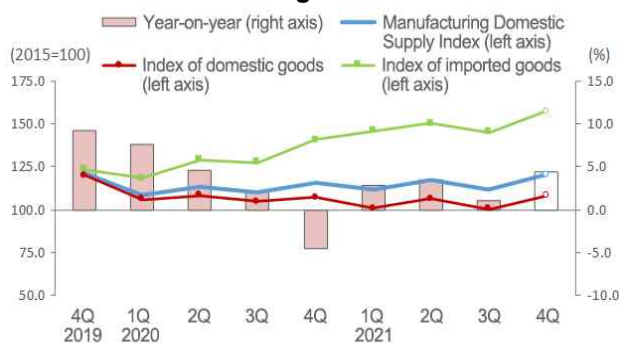
< Manufacturing Domestic Supply Index >

(Year-on-year, %)

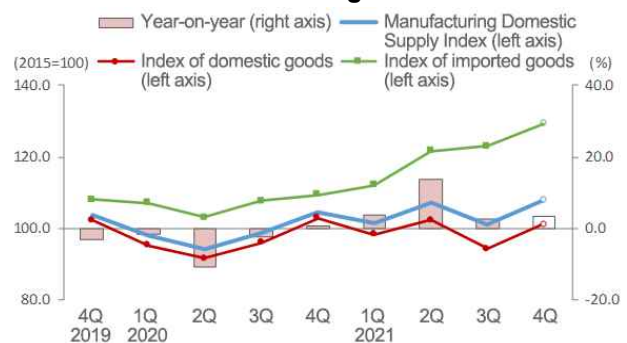
		2020			2021 <sup>P</sup>				
			3Q	4Q	1Q	2Q	3Q	4Q <sup>P</sup>	
Total	Manufacturing	-1.2	-0.5	-1.5	4.5	3.3	9.1	1.9	3.9
	- Domestic goods	-2.7	-1.4	-4.2	0.7	0.0	6.1	-2.6	-0.5
	- Imported goods	2.7	1.9	6.5	14.7	12.5	17.2	14.0	15.3
By type of goods	- Final goods	2.3	2.2	-4.5	2.9	2.9	3.4	1.1	4.5
	· Consumer goods	-0.2	1.1	-1.1	2.5	4.8	2.0	-1.3	4.5
	· Capital goods	6.0	3.9	-9.0	3.7	0.3	5.5	4.7	4.4
	- Intermediate goods	-3.5	-2.4	0.7	5.6	3.6	13.5	2.5	3.5
Major industries	- Electronic components, computer; visual, sounding and communication equipment	-0.3	0.7	6.5	8.9	9.2	12.0	2.5	12.5
	- Machinery and equipment	6.6	10.6	7.3	12.3	15.5	15.0	11.1	7.6
	- Fabricated metal products	-5.3	-5.9	-4.0	-7.0	-4.7	-2.4	-10.0	-10.7
Share of imported goods		27.2	27.5	26.7	29.4	28.5	28.7	30.2	30.0



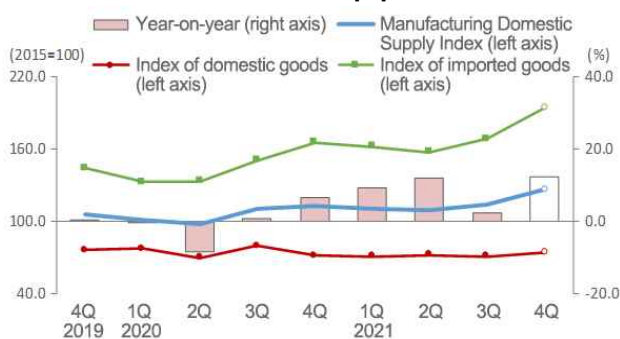
< Trends in the domestic supply of final goods >



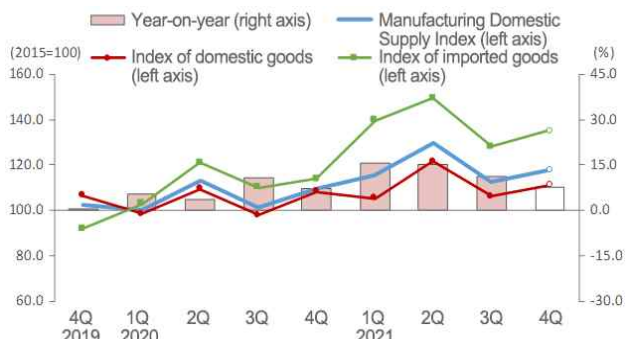
< Trends in the domestic supply of intermediate goods >



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



< Trends in the domestic supply of 'Machinery and equipment' >



**2 (Share of imported goods)**

In the fourth quarter of 2021, imported goods accounted for 30.0% of the total manufacturing domestic supply, up 3.3%p from the fourth quarter of 2020.

**○ (Final goods)**

Final goods took up 33.0% of the total imported goods, up 2.7%p from the fourth quarter of 2020.

- (Consumer goods)

Consumer goods occupied 30.0% of the total imported goods, up 2.4%p from the fourth quarter of 2020.

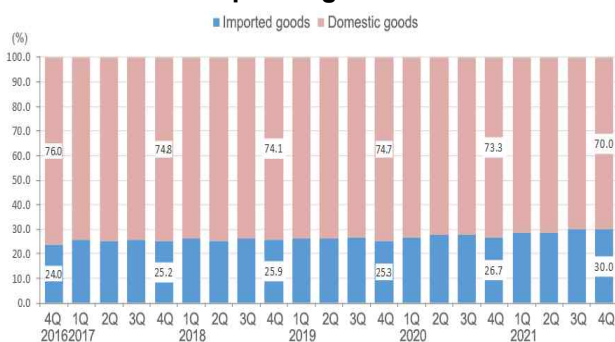
- (Capital goods)

Capital goods accounted for 37.5% of the total imported goods, up 3.4%p from the fourth quarter of 2020.

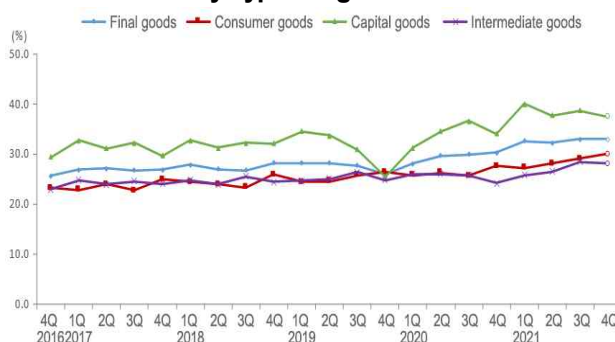
○ **(Intermediate goods)**

Intermediate goods took up 28.1% of the total imported goods, up 3.9%p from the fourth quarter of 2020.

< 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 2021

### 1. Manufacturing domestic supply index

- In 2021, the Manufacturing Domestic Supply Index went up by 4.5% from 2020, due to the increase in domestic and imported goods.
- Compared to 2020, the supply of domestic goods rose by 0.7% owing to the increase in 'Machinery and equipment' and 'Chemicals and chemical products'. The supply of imported goods rose by 14.7% owing to the increase in 'Electronic components, computer; visual, sounding and communication equipment' and 'Machinery and equipment'.

< Manufacturing Domestic Supply Index >

(2015=100, %)

		2016	2017	2018	2019	2020	2021 <sup>P</sup>
Index	Domestic supply	101.7	106.0	105.3	105.3	104.0	108.7
	- Domestic goods	102.5	104.9	103.0	103.0	100.2	100.9
	- Imported goods	99.2	109.3	112.2	112.4	115.4	132.4
Year-on-year	Domestic supply	1.7	4.2	-0.7	0.0	-1.2	4.5
	- Domestic goods	2.5	2.3	-1.8	0.0	-2.7	0.7
	- Imported goods	-0.8	10.2	2.7	0.2	2.7	14.7

□ **(By type of goods)**

Compared to 2020, final goods rose by 2.9%, owing to the increase in imported goods (16.0%) despite the decrease in domestic goods (-2.3%). Intermediate goods grew by 5.6%, owing to the increase in domestic goods (2.8%) and imported goods (13.8%).

- Consumer goods grew by 2.5% from 2020, owing to the increase in imported goods (12.6%) despite the decrease in domestic goods (-1.0%).
- Capital goods rose by 3.7% from 2020, owing to the increase in imported goods (20.1%) despite the decrease in domestic goods (-4.4%).

< Manufacturing Domestic Supply by type of goods >

(Year-on-year, %)

	2016	2017	2018	2019	2020	2021 <sup>P</sup>
- Final goods	2.4	8.1	-1.2	0.3	2.3	2.9
· Consumer goods	2.2	1.6	2.1	1.8	-0.2	2.5
· Capital goods	2.6	19.0	-5.9	-1.9	6.0	3.7
- Intermediate goods	1.3	1.7	-0.3	-0.2	-3.5	5.6

**(By industry)**

Compared to 2020, 'Other transport equipment' showed a decrease in domestic supply. Whereas, 'Machinery and equipment' and 'Electronic components, computer; visual, sounding and communication equipment' showed an increase in domestic supply.

**(Machinery and equipment)**

The supply of 'Machinery and equipment' grew by 12.3% owing to the rise in domestic goods (7.2%) and imported goods (23.4%).

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

The supply of 'Electronic components, computer; visual, sounding and communication equipment' grew by 8.9% owing to a rise in imported goods (17.1%) despite a drop in domestic goods (-3.3%).

**(Other transport equipment)**

The supply of 'Other transport equipment' declined by 32.8% owing to a drop in domestic goods (-39.6%) despite a rise in imported goods (3.2%).

< Manufacturing Domestic Supply by industry >

(Year-on-year, %)

	2016	2017	2018	2019	2020	2021 <sup>P</sup>
- Machinery and equipment	-1.2	19.2	-6.5	-9.8	6.6	12.3
- Electronic components, computer; visual, sounding and communication equipment	-6.1	4.8	2.2	5.4	-0.3	8.9
- Other transport equipment	24.5	18.2	-16.0	52.5	0.6	-32.8

## 2. Share of imported goods

In 2021, imported goods accounted for 29.4% of the total manufacturing domestic supply, up 2.2%p from 2020.

**(By type of goods)**

Final goods took up 32.7% of the total imported goods, up 3.2%p from 2020. Intermediate goods took up 27.3% of the total imported goods, up 1.8%p from 2020.

- Consumer goods occupied 28.7% of the total imported goods, up 2.3%p from 2020. Capital goods accounted for 38.5% of the total imported goods, up 4.4%p from 2020.

**(By industry)**

Compared to 2020, 'Other transport equipment', 'Pharmaceuticals, medicinal chemical and botanical products' and 'Other manufacturing' recorded an increase in the share of imported goods. Whereas, 'Medical, precision and optical instruments, watches and clocks' recorded a decrease in the share of imported goods.

- (Increase in the share of imported goods)  
'Other transport equipment' (8.4%p), 'Pharmaceuticals, medicinal chemical and botanical products' (5.9%p), 'Other manufacturing' (5.8%p), etc.
- (Decrease in the share of imported goods)  
'Medical, precision and optical instruments, watches and clocks' (-0.8%p)

< Share of imported goods >

(Based on nominal prices, %)

		2016	2017	2018	2019	2020	2021 <sup>P</sup>
Manufacturing		23.9	25.4	25.8	26.1	27.2	29.4
By type of goods	- Final goods	25.2	26.9	27.5	27.4	29.5	32.7
	• Consumer goods	22.3	23.6	24.4	25.3	26.4	28.7
	• Capital goods	29.8	31.5	32.1	30.8	34.1	38.5
	- Intermediate goods	23.1	24.4	24.7	25.2	25.5	27.3
By industry	- Other transport equipment	27.5	16.5	22.9	16.3	16.4	24.8
	- Pharmaceuticals, medicinal chemical and botanical products	31.7	30.8	31.9	33.6	34.4	40.3
	- Other manufacturing	31.4	32.6	35.0	35.1	36.5	42.3
	- Medical, precision and optical instruments, watches and clocks	45.1	44.7	43.0	47.6	49.9	49.1