

<http://kostat.go.kr>

Press Release	Embargo & Release Date : 8:00 A.M., November 30, 2017	
	Contact Division	Short-Term Industry Statistics Division Economic Statistics Bureau STATISTICS KOREA
	Contact Person	Eo, Woon-sun (042.481.2166)

Monthly Industrial Statistics

October 2017

Monthly Industrial Statistics, October 2017

1. Production Trend

(1) All industry

- ☐ The Index of all industry production in October decreased by 1.5 percent from the previous month.
- The Index of Construction industry went up but Service industry and Mining & Manufacturing industries went down from the previous month.

(2010=100, %)

		2016		2017			
		Q3	Oct.	Q2	Q3 ^p	Aug. ^p	Sep. ^p
Index of all industry production ¹⁾		113.9	113.1	115.4	116.9	116.6	117.5
Percent Change	From the Previous Month (Quarter)	0.9	-0.6	-0.3	1.3	0.0	0.8
	Industrial production	0.1	-0.9	-2.3	1.5	0.1	0.2
	Manufacturing	0.1	-0.7	-2.5	1.6	0.3	0.4
	Construction	4.2	1.1	-1.1	0.7	-1.0	-1.3
	Service industry	1.0	-0.5	0.6	1.4	0.1	1.0
	Public administration	1.2	-1.2	3.0	0.0	-0.5	5.0

Note 1) Seasonally Adjusted.

- ☐ The Index of all industry production in October decreased by 2.2 percent from the same period of the previous year.
- The Index of Mining & Manufacturing industries and Construction industry went down from the same period of the previous year.

(2010=100, %)

		2016			2017		
		Y	Q3	Oct.	Q3 ^p	Aug. ^p	Oct. ^p
Index of all industry production ¹⁾		113.3	112.0	113.8	116.4	113.1	120.7
Percent Change	Year on Year	3.0	3.0	1.8	3.9	2.5	7.4
	Industrial production	1.0	0.5	-1.2	3.5	2.3	8.5
	Manufacturing	1.0	0.6	-1.2	3.5	2.5	8.7
	Construction	15.4	14.5	17.4	13.4	9.1	18.0
	Service industry	3.0	3.6	2.0	3.2	2.1	5.3
	Public administration	1.4	0.5	2.1	3.5	0.5	7.9

Note 1) Not Seasonally Adjusted.

(2) Manufacturing

Production

- ☐ The Manufacturing Production Index in October decreased by 1.5 percent from the previous month and 6.2 percent from the same period of the previous year.

(2010=100, %)

		2016			2017			
		Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p	Oct. ^p
Index	Seasonally Adjusted	-	109.3	108.1	110.8	110.8	111.2	109.5
	Not Seasonally Adjusted	109.3	106.8	112.2	110.5	106.5	114.4	105.2
Percent Change	From the Previous Month (Quarter)	-	0.1	-0.7	1.6	0.3	0.4	-1.5
	Year on Year	1.0	0.6	-1.2	3.5	2.5	8.7	-6.2

Shipment

- ☐ The Producer's Shipment Index in October decreased by 1.4 percent from the previous month and 6.7 percent from the same period of the previous year.

(2010=100, %)

		2016			2017			
		Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p	Oct. ^p
Index	Seasonally Adjusted	-	109.2	108.3	110.8	111.0	111.0	109.4
	Not Seasonally Adjusted	109.1	106.7	111.7	110.6	107.1	115.1	104.2
Percent Change	From the Previous Month (Quarter)	-	-0.5	-0.5	1.8	0.5	0.0	-1.4
	Year on Year	0.6	-0.1	-2.1	3.7	2.4	8.6	-6.7

Inventory

- ☐ The Producer's Inventory Index in October increased by 4.2 percent from the previous month and 5.9 percent from the same period of the previous year.

(2010=100, %)

		2017					
		May	Jun.	Jul.	Aug.	Sep. ^P	Oct. ^P
Index	Seasonally Adjusted	135.4	130.6	131.8	134.4	131.4	136.9
	Not Seasonally Adjusted	135.5	129.2	132.9	134.0	129.7	135.4
Percent Change	From the Previous Month	2.7	-3.5	0.9	2.0	-2.2	4.2
	Year on Year	1.1	-1.8	1.7	3.2	2.0	5.9
Proportion of Inventory to Shipment		125.4	118.5	119.3	121.1	118.4	125.1

Manufacturing Production Capacity and Capacity Utilization Rate

- ☐ The Production Capacity Index in October increased by 0.4 percent from the previous month and 1.1 percent from the same period of the previous year.

(2010=100, %)

		2016			2017			
		Y	Q3	Oct.	Q3 ^P	Aug.	Sep. ^P	Oct. ^P
Production Capacity Index		112.3	112.5	113.3	113.6	113.6	114.0	114.5
Percent Change	From the Previous Month (Quarter)	-	0.6	0.5	0.7	0.4	0.4	0.4
	Year on Year	0.8	1.0	1.3	1.0	1.0	1.2	1.1

- ☐ The Index of Capacity Utilization Rate in October decreased by 0.8 percent from the previous month and 8.6 percent from the same period of the previous year.

(2010=100, %)

		2016			2017			
		Y	Q3	Oct.	Q3 ^P	Aug.	Sep. ^P	Oct. ^P
Index	Seasonally Adjusted	-	89.3	88.1	89.8	89.4	89.3	88.6
	Not Seasonally Adjusted	90.4	86.9	91.1	89.5	85.2	91.9	83.3
Percent Change	From the Previous Month (Quarter)	-	-1.2	-0.9	1.1	-1.5	-0.1	-0.8
	Year on Year	-2.2	-3.6	-4.6	3.0	1.8	8.4	-8.6

- ☐ The Manufacturing Average Capacity Utilization Rate in October marked 71.3 percent, which decreased by 0.6 percentage points from the previous month.

(%, %p)

	2016			2017			
	Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p	Oct. ^p
Manufacturing Average Capacity Utilization Rate	72.6	71.9	70.9	72.3	72.0	71.9	71.3
Change from the Previous Month (Quarter, Year)	-1.9	-0.9	-0.7	0.8	-1.1	-0.1	-0.6

(3) Service Industry

- ☐ The Index of Services in October decreased by 1.7 percent from the previous month and 0.2 percent from the same period of the previous year.

(2010=100, %)

		2016			2017			
		Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p	Oct. ^p
Index	Seasonally Adjusted	-	116.3	115.6	119.3	118.9	120.1	118.0
	Not Seasonally Adjusted	115.5	115.7	116.3	119.4	118.2	121.8	116.1
Percent Change	From the Previous Month (Quarter)	-	1.0	-0.5	1.4	0.1	1.0	-1.7
	Year on Year	3.0	3.6	2.0	3.2	2.1	5.3	-0.2

2. Consumption Trend

- ☐ The Retail Sales Index in October decreased by 2.9 percent from the previous month and 0.2 percent from the same period of the previous year.

(2010=100, %)

		2016			2017			
		Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p	Oct. ^p
Index	Seasonally Adjusted	-	118.6	121.5	123.4	121.8	125.6	122.0
	Not Seasonally Adjusted	119.5	117.2	124.8	122.2	117.9	126.5	124.6
Percent Change	From the Previous Month (Quarter)	-	-1.2	4.2	1.1	-0.8	3.1	-2.9
	Year on Year	4.3	3.5	2.5	4.3	0.9	8.4	-0.2

3. Investment Trend

Equipment Investment and Domestic Machinery Shipment (Excluding Vessels)

- The Equipment Investment Index in October decreased by 14.4 percent from the previous month and 3.4 percent from the same period of the previous year.

(2010=100, %)

		2016			2017			
		Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p	Oct. ^p
Index	Seasonally Adjusted	-	108.4	110.1	128.7	126.1	132.8	113.7
	Not Seasonally Adjusted	110.7	106.3	109.3	128.1	123.4	129.9	105.6
Percent Change	From the Previous Month (Quarter)	-	-1.9	-0.9	-0.4	-0.8	5.3	-14.4
	- Machinery	-	7.1	-1.2	-0.3	-3.2	8.8	-17.9
	- Transport Equipment	-	-18.9	-0.7	-1.3	5.8	-3.9	-3.4
	Year on Year	-1.3	-4.7	-3.3	20.5	12.4	24.9	-3.4
	- Machinery	-2.2	0.4	3.3	25.5	14.7	30.0	0.2
	- Transport Equipment	0.9	-15.7	-16.0	8.2	6.3	11.4	-11.8

- The Domestic Machinery Shipment Index in October decreased by 14.0 percent from the same period of the previous year.

(2010=100, %)

		2016			2017			
		Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p	Oct. ^p
Domestic Machinery Shipment Index		91.1	87.9	94.7	98.0	94.5	98.8	81.4
Year on Year		-1.3	-2.3	6.0	11.5	10.4	9.8	-14.0

Value of Domestic Machinery Orders Received (Excluding Vessels)

- The value of Domestic Machinery Orders Received in October increased by 27.8 percent from the same period of the previous year.

(year-on-year, %)

		2016			2017			
		Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p	Oct. ^p
Value of Domestic Machinery Orders Received(Constant)		3.8	3.3	-9.4	30.9	38.3	17.6	27.8
- Public		48.0	17.7	-39.7	-1.8	-3.2	-74.8	175.7
- Private		0.2	2.2	-7.8	33.8	40.6	36.1	22.9
· Manufacturing		2.4	-3.3	-12.5	41.0	51.3	33.7	31.8
· Non-manufacturing		-3.1	11.4	0.5	23.2	25.1	40.2	9.2

Value of Construction Completed

- In October, the value of Construction Completed at constant prices increased by 0.8 percent from the previous month but decreased by 1.5 percent from the same period of the previous year.
- The value of Construction Completed at current prices increased by 0.3 percent from the previous month and 3.5 percent from the same period of the previous year.

		(year-on-year, %)					
		2016			2017		
		Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p
Value of Construction Completed (Constant) ¹⁾		15.4	14.5	17.4	13.4	9.1	18.0
From the Previous Month (Quarter)		-	4.2	1.1	0.7	-1.0	-1.3
By type of work	Building	25.7	23.2	25.5	22.7	19.5	26.2
	Civil Engineering	-2.6	-2.3	0.9	-8.9	-16.7	-1.1
Value of Construction Completed (Current)		16.9	16.3	20.2	18.5	13.9	23.9
From the Previous Month (Quarter)		-	5.4	-0.2	1.6	-0.3	0.2
By type of work	Building	27.4	25.3	28.4	28.0	24.7	32.2
	Civil Engineering	-1.6	-0.9	3.3	-4.6	-12.9	4.1
By contractors	Public	-0.4	-2.6	2.4	-2.6	-11.5	4.4
	Private	24.3	23.7	27.3	28.6	24.9	34.8

Note 1) The data for the last 3 months are preliminary.

Value of Construction Orders Received

- In October, the value of Construction Orders Received at current prices decreased by 45.7 percent from the same period of the previous year.

		(year-on-year, %)					
		2016			2017		
		Y	Q3	Oct.	Q3 ^p	Aug.	Sep. ^p
Value of Construction Orders Received		8.4	1.3	42.7	-10.9	-4.7	1.0
By type of work	- Building	14.5	3.6	34.2	-9.0	-0.9	2.4
	· Dwellings	9.9	6.7	10.5	-15.1	0.7	-17.2
	- Civil Engineering	-9.4	-6.4	84.3	-17.9	-15.0	-5.8
	· Roads & bridges	100.3	348.7	648.9	5.6	7.1	67.3
By contractors	- Public	19.0	62.6	78.2	-12.4	-11.0	11.0
	- Private	4.4	-11.9	34.4	-5.1	2.5	2.6
	- Private Capital	52.8	174.5	7,668.5	-97.0	-97.9	-94.6

4. Composite Economic Indexes

Composite Coincident Index

- ☐ The Composite Coincident Index in October decreased by 0.2 percent from the previous month.
- The Cyclical Component of Composite Coincident Index, which reflects current economic situations, decreased by 0.4 points from the previous month.

	2017							
	Mar.	Apr.	May	Jun.	Jul.	Aug. ^p	Sep. ^p	Oct. ^p
○ Composite Coincident Index (2010=100)	124.7	125.1	125.2	125.3	125.7	126.1	126.6	126.4
- Month-on-month (%)	0.5	0.3	0.1	0.1	0.3	0.3	0.4	-0.2
○ Cyclical Component of Composite Coincident Index	101.0	101.0	100.8	100.7	100.7	100.8	100.9	100.5
- Change from the Previous Month (p)	0.3	0.0	-0.2	-0.1	0.0	0.1	0.1	-0.4

Composite Leading Index

- ☐ The Composite Leading Index in October increased by 0.1 percent from the previous month.
- The Cyclical Component of Composite Leading Index, which predicts the turning point in business cycle, decreased by 0.3 points from the previous month.

	2017							
	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep. ^p	Oct. ^p
○ Composite Leading Index (2010=100)	129.7	130.3	131.0	131.9	132.6	133.1	133.2	133.3
- Month-on-month (%)	0.3	0.5	0.5	0.7	0.5	0.4	0.1	0.1
○ Cyclical Component of Composite Leading Index	100.8	101.0	101.2	101.6	101.7	101.8	101.6	101.3
- Change from the Previous Month (p)	-0.1	0.2	0.2	0.4	0.1	0.1	-0.2	-0.3

< Major Indicators of Monthly Industrial Statistics >

[year-on-year, %]

				2016			2017				
				Y	Q3	Oct.	Q2	Q3 ^p	Aug.	Sep. ^p	Oct. ^p
Production	All industry ¹⁾		From the previous month (quarter)	-	0.9	-0.6	-0.3	1.3	0.0	0.8	-1.5
			From the previous year	3.0	3.0	1.8	2.7	3.9	2.5	7.4	-2.2
	Mining, Manufacturing and Electricity & Gas		From the previous month (quarter)	-	0.1	-0.9	-2.3	1.5	0.1	0.2	-1.1
			From the previous year	1.0	0.5	-1.2	0.5	3.5	2.3	8.5	-5.9
	Manufacturing	· Production	From the previous month (quarter)	-	0.1	-0.7	-2.5	1.6	0.3	0.4	-1.5
			From the previous year	1.0	0.6	-1.2	0.4	3.5	2.5	8.7	-6.2
		· Producer's Shipment		0.6	-0.1	-2.1	-0.4	3.7	2.4	8.6	-6.7
		- Domestic		1.3	-0.4	-1.3	0.8	4.3	2.4	9.6	-9.8
		- Export		-0.1	0.0	-2.9	-1.6	3.1	2.5	7.5	-3.1
		· Producer's Inventory ²⁾		-5.9	-7.9	-6.2	-1.8	2.0	3.2	2.0	5.9
		Average Capacity Utilization Rate ³⁾		72.6	71.9	70.9	71.5	72.3	72.0	71.9	71.3
		Production Capacity		0.8	1.0	1.3	0.9	1.0	1.0	1.2	1.1
	Service Industry	· Production	From the previous month (quarter)	-	1.0	-0.5	0.6	1.4	0.1	1.0	-1.7
			From the previous year	3.0	3.6	2.0	2.3	3.2	2.1	5.3	-0.2
		- Wholesale & Retail		3.0	2.7	1.5	0.4	3.0	0.4	7.1	-3.3
		- Wholesale & Retail Inventories ²⁾		1.1	0.0	0.5	3.7	4.3	3.1	4.3	5.5
Consumption	Retail Sales		From the previous month (quarter)	-	-1.2	4.2	1.2	1.1	-0.8	3.1	-2.9
			From the previous year	4.3	3.5	2.5	1.7	4.3	0.9	8.4	-0.2
	- Consumer durables			4.5	1.1	0.7	4.4	12.6	6.1	20.8	-1.9
Investment	Equipment	Equipment Investment Index	From the previous month (quarter)	-	-1.9	-0.9	4.4	-0.4	-0.8	5.3	-14.4
			From the previous year	-1.3	-4.7	-3.3	17.7	20.5	12.4	24.9	-3.4
		Value of Domestic Machinery Orders Received		3.8	3.3	-9.4	28.5	30.9	38.3	17.6	27.8
	Construction	Value of Construction Completed ¹⁾ (constant)	From the previous month (quarter)	-	4.2	1.1	-1.1	0.7	-1.0	-1.3	0.8
			From the previous year	15.4	14.5	17.4	13.6	13.4	9.1	18.0	-1.5
Value of Construction Orders Received(current)			8.4	1.3	42.7	16.8	-10.9	-4.7	1.0	-45.7	

Note 1) The data for the last 3 months are preliminary.

2) At the end of the month, quarter and year

3) During the month, quarter and year

< Composite Economic Indexes>

	2017				
	Jun.	Jul.	Aug. ^p	Sep. ^p	Oct. ^p
Composite Coincident Index (2010=100)	125.3	125.7	126.1	126.6	126.4
· Month-on-month (%)	0.1	0.3	0.3	0.4	-0.2
Cyclical Component of Composite Coincident Index	100.7	100.7	100.8	100.9	100.5
· Change from the Previous Month (p)	-0.1	0.0	0.1	0.1	-0.4
Composite Leading Index (2010=100)	131.9	132.6	133.1	133.2	133.3
· Month-on-month (%)	0.7	0.5	0.4	0.1	0.1
Cyclical Component of Composite Leading Index	101.6	101.7	101.8	101.6	101.3
· Change from the Previous Month (p)	0.4	0.1	0.1	-0.2	-0.3