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# The Industrial Activities

in March and the First quarter in 2014

# The Industrial Activities in March and the First quarter in 2014

#### 1. Production Trend

#### (1) All industry

- ☐ The Index of all industry production in March increased by 0.4 percent from the previous month.
- The Index of Construction went down but Manufacturing, Public administration and Accommodation and food service activities went up from the previous month.

								(2010=2	100, %)	
				2013		2014				
			Q1	Q4	Mar.	Q1 <sup>p</sup>	Jan. <sup>p</sup>	Feb. <sup>p</sup>	Mar. <sup>p</sup>	
Index o	of all indus	Q1         Q4         Mar.         Q1°         Jan.°           I industry production¹¹         105.6         107.1         104.9         107.7         108.5           m the Previous Month arter)         0.4         1.0         -1.6         0.6         1.7           dustrial production         -0.5         1.9         -1.8         0.3         -0.2           Manufacturing         -0.4         2.1         -1.7         0.4         0.0           Instruction         3.5         -0.7         -0.6         1.4         8.4           rvice industry         0.2         0.9         -1.0         0.4         0.8			108.5	107.1	107.5			
	From the (Quarter)	Previous Month	0.4	1.0	-1.6	0.6	1.1	-1.3	0.4	
	Industrial	production	-0.5	1.9	-1.8	0.3	-0.2	-1.9	0.9	
Percent		Manufacturing	-0.4	2.1	-1.7	0.4	0.0	-2.1	0.9	
Change	Construc	tion	3.5	-0.7	-0.6	1.4	8.4	-3.4	-3.8	
	Service i	ndustry	0.2	0.9	-1.0	0.4	8.0	-0.6	0.1	
	Public ad	dministration	4.3	-1.2	-6.3	2.1	3.2	-1.4	2.9	

Note 1) Seasonally Adjusted.

- ☐ The Index of all industry production in March increased by 2.5 percent from the same period of the previous year.
- The Index of Manufacturing, Public administration and Human health & social work activities went up from the same period of the previous year.

								(2010=	100, %)
				2013 2014					
			Υ	Y Q1 Mar. Q1 <sup>p</sup> Jan. <sup>p</sup> Feb. <sup>p</sup>					Mar. <sup>p</sup>
Index of	all industry	y production <sup>1)</sup>	106.2	103.0	107.2	104.7	104.3	99.9	109.9
	Year on Y	⁄ear	1.6	0.5	-0.6	1.7	0.9	1.6	2.5
	1	production	0.3	-0.8	-2.2	0.7	-4.3	4.1	2.7
Percent Change		Manufacturing	0.3	-0.8	-2.2	0.7	-4.5	4.4	2.8
Change	Construc	tion	10.1	4.4	3.1	6.4	11.4	6.6	2.3
	Service	industry	1.4	0.9	0.7	1.8	2.2	1.2	2.1
	Public a	dministration	2.5	1.0	-5.3	1.6	11.1	-10.0	4.5

Note 1) Not Seasonally Adjusted.

# (2) Manufacturing

## Production

☐ The Manufacturing Production Index in March increased by 0.9 percent from the previous month and 2.8 percent from the same period of the previous year.

							(2010=	100, %)
			2013			20	14	
	_	Y Q1 Mar. Q1 <sup>p</sup> Jan. Feb. <sup>p</sup> M					Mar. <sup>p</sup>	
Index	Seasonally Adjusted	-	107.9	106.3	109.4	110.6	108.3	109.3
index	Not Seasonally Adjusted	107.8	105.2	109.1	105.9	105.2	100.4	112.2
Percent	From the Previous Month (Quarter)	-	-0.4	-1.7	0.4	0.0	-2.1	0.9
Change	Year on Year	0.3	-0.8	-2.2	0.7	-4.5	4.4	2.8

# Shipment

☐ The Producer's Shipment Index in March went up 1.3 percent from the previous month and 2.2 percent from the same period of the previous year.

							(2010=	:100, %)
			2013 2014					
		Υ	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Index	Seasonally Adjusted	-	107.8	106.7	108.7	109.0	107.8	109.2
ilidex	Not Seasonally Adjusted	107.6	104.8	109.5	105.0	103.1	99.9	111.9
Percent	From the Previous Month (Quarter)	-	-0.3	-1.1	-0.2	-0.9	-1.1	1.3
Change	Year on Year	0.4	-0.9	-1.4	0.2	-4.8	3.3	2.2

#### Inventory

☐ The Producer's Inventory Index in March increased by 2.0 percent from the previous month and 7.6 percent from the same period of the previous year.

						(2010:	=100, %)
			2013			2014	
		Oct.	Nov.	Dec.	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Index	Seasonally Adjusted	127.9	129.3	130.3	129.3	129.5	132.1
index	Not Seasonally Adjusted	126.8	129.1	131.3	133.1	131.1	132.3
Percent	From the Previous Month	0.5	1.1	0.8	-0.8	0.2	2.0
Change	Year on Year	9.3	6.5	5.0	3.8	5.3	7.6
Proportion	of Inventory to Shipment	118.3	119.2	118.5	118.6	120.1	121.0

#### Manufacturing Production Capacity and Operation Ratio

☐ The Production Capacity Index in March increased 0.1 percent from the previous month and 1.3 percent from the same period of the previous year.

							(2010=	100, %)
			2013			20	14	
		Υ	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Р	roduction Capacity Index	108.7	108.2	108.2	109.6	109.6	109.5	109.6
Percent	From the Previous Month (Quarter)	-	0.7	0.0	0.3	0.0	-0.1	0.1
Change	Year on Year	1.7	1.8	1.7	1.3	1.4	1.2	1.3

☐ The Operation Ratio Index in March increased by 1.7 percent from the previous month and 1.8 percent from the same period of the previous year.

							(2010=	:100, %)
			2013			20	14	
		Υ	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Index	Seasonally Adjusted	-	95.9	94.2	95.8	97.1	94.3	95.9
index	Not Seasonally Adjusted	94.8	93.3	96.8	92.5	91.6	87.4	98.5
Percent	From the Previous Month (Quarter)	-	-0.9	-1.6	0.8	1.3	-2.9	1.7
Change	Year on Year	-2.8	-4.3	-5.9	-0.9	-7.0	3.4	1.8

☐ The Manufacturing Average Operation Ratio in March marked 77.2 percent, which increased by 1.3 percentage points from the previous month.

							(%, %p)
		2013		2014			
	Υ	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Manufacturing Average Operation Ratio	76.2	77.3	75.9	77.1	78.2	75.9	77.2
Change from the Previous Month (Quarter, Year)	-2.3	-0.7	-1.2	0.6	1.0	-2.3	1.3

## (3) Service Industry

☐ The Index of Services in March increased by 0.1 percent from the previous month and 2.1 percent from the same period of the previous year.

							(2010	=100, %)	
			2013 2014						
		Y	Q1	Mar.	Mar. Q1 <sup>p</sup> Jan. Feb. <sup>p</sup> Ma 105.3 107.6 108.0 107.4 10				
Index	Seasonally Adjusted	-	105.6	105.3	107.6	108.0	107.4	107.5	
index	Not Seasonally Adjusted	106.3	102.9	106.4	104.8	104.3	101.4	108.6	
Percent	From the Previous Month (Quarter)	-	0.2	-1.0	0.4	0.8	-0.6	0.1	
Change	Year on Year	1.4	0.9	0.7	1.8	2.2	1.2	2.1	

# 2. Consumption Trend

☐ The Retail Sales Index in March increased by 1.6 percent from the previous month and 2.1 percent from the same period of the previous year.

							(2010=	:100, %)
			2013 2014					
		Υ	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Index	Seasonally Adjusted	-	106.6	107.2	109.2	110.8	107.5	109.2
mucx	Not Seasonally Adjusted	107.9	103.7	107.0	106.3	110.5	99.1	109.3
Percent	From the Previous Month (Quarter)	-	-1.0	1.2	0.4	2.4	-3.0	1.6
Change	Year on Year	0.8	0.3	1.9	2.5	5.6	-0.4	2.1

#### 3. Investment Trend

#### Equipment Investment and Domestic Machinery Shipment (Excluding Vessels)

☐ The Equipment Investment Index in March increased by 1.5 percent from the previous month and 7.4 percent from the same period of the previous year.

(2010=100, %)

			2013			20	14	
		Y	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Index	Seasonally Adjusted	-	94.5	94.6	100.8	100.6	100.1	101.6
muex	Not Seasonally Adjusted	99.3	91.2	100.4	96.7	88.4	93.9	107.8
	From the Previous Month (Quarter)	-	-3.1	1.5	-5.1	-4.4	-0.5	1.5
	- Machinery	-	-3.5	-1.4	-8.7	-8.7	3.0	-1.3
D 4	- Transport Equipment	-	-2.0	10.1	5.2	8.0	-9.3	9.4
Percent Change	Year on Year	-1.3	-13.1	-7.2	6.0	-1.6	12.5	7.4
	- Machinery	-2.6	-16.5	-11.1	4.7	-3.1	10.0	7.1
	- Transport Equipment	2.3	-2.6	5.1	9.2	2.4	19.1	7.5

☐ The Domestic Machinery Shipment Index in March increased by 2.0 percent from the same period of the previous year.

(2010=100, %)

(2010-100								
	2013			13 2014				
	Υ	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>	
Domestic Machinery Shipment Index	90.6	84.7	94.2	85.0	77.2	81.8	96.1	
Year on Year	-9.4	-18.8	-14.8	0.4	-6.1	5.1	2.0	

#### Value of Domestic Machinery Orders Received (Excluding Vessels)

☐ The value of Domestic Machinery Orders Received in March increased by 47.7 percent from the same period of the previous year.

(year-on-year, %)

	2013						
	Υ	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Value of Domestic Machinery Orders Received(Constant)	6.7	-11.4	13.2	18.6	-7.1	10.9	47.7
- Public	20.5	-47.0	92.2	185.1	-36.9	-28.8	737.3
- Private	5.2	-6.1	10.4	4.8	-4.7	15.4	5.0
· Manufacturing	14.2	-3.9	25.4	5.3	-3.8	13.0	7.6
· Non-manufacturing	-5.2	-8.9	-3.7	4.1	-5.9	18.6	1.7

#### Value of Construction Completed

- ☐ In March, the value of Construction Completed at constant prices decreased by 3.8 percent from the previous month but increased by 2.3 percent from the same period of the previous year.
  - The value of Construction Completed at current prices decreased by 2.0 percent from the previous month but increased by 3.4 percent from the same period of the previous year.

							(year-on-y	rear, % )
			2013					
		Υ	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Value of Constru	Value of Construction Completed (Constant) <sup>1)</sup>			3.1	6.4	11.4	6.6	2.3
From the P	revious Month (Quarter)	-	3.5	-0.6	1.4	8.4	-3.4	-3.8
By type of work	Building	14.8	3.9	6.9	17.2	22.9	19.7	10.8
	Civil Engineering	4.3	5.2	-1.7	-7.8	-3.0	-10.6	-9.5
Value of Consti	10.4	4.5	2.9	7.2	12.3	6.9	3.4	
From the P	revious Month (Quarter)	-	3.6	0.2	1.5	9.1	-7.2	-2.0
By type of	Building	15.2	3.9	6.7	18.2	24.0	20.3	12.0
work	Civil Engineering	4.6	5.3	-2.0	-7.0	-2.2	-10.3	-8.4
By contractors	Public	2.1	-5.9	-12.1	1.4	11.5	-5.8	0.0
	Private	17.5	13.6	15.9	10.2	12.1	15.7	4.4

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

#### Value of Construction Orders Received

☐ In March, the value of Construction Orders Received at current prices decreased by 13.0 percent from the same period of the previous year.

(year-on-year										
			2013		2014					
		Υ	Q1	Mar.	Q1 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>		
Value of Co Received	-15.3	-40.8	-18.9	13.4	49.5	17.1	-13.0			
By type of	- Building	-13.4	-34.0	-11.4	7.9	70.5	-4.3	-12.1		
	· Public offices & schools	-6.4	-26.7	-38.3	-21.2	-9.3	-4.5	-35.7		
work	- Civil Engineering	-19.1	-50.4	-32.6	24.0	26.9	66.1	-15.0		
	· Installation of machinery	-34.1	-41.5	-31.9	-69.9	-77.0	-18.8	-86.8		
_	- Public	-5.6	-24.1	22.1	39.1	62.9	73.9	-5.0		
By contractors	- Private	-18.3	-46.2	-25.2	0.7	43.5	-6.4	-18.1		
	- Private Capital	-40.9	-45.7	-85.5	18.6	16.6	-1.1	78.7		

#### 4. Composite Economic Indexes

#### Composite Coincident Index

- ☐ The Composite Coincident Index in March increased by 0.4 percent from the previous month.
- The Cyclical Component of Composite Coincident Index, which reflects current economic situations, showed no change from the previous month.

			2013	2014				
	Aug.	Sep.	Oct.	Nov.	Dec.	Jan. <sup>p</sup>	Feb. <sup>p</sup>	Mar. <sup>p</sup>
o Composite Coincident Index (2010=100)	114.9	115.1	115.7	116.1	116.8	117.5	117.9	118.4
- Month-on-month (%)	0.5	0.2	0.5	0.3	0.6	0.6	0.3	0.4
<ul> <li>Cyclical Component of Composite Coincident Index</li> </ul>	100.3	100.1	100.2	100.2	100.4	100.7	100.7	100.7
- Change from the Previous Month (p)	0.2	-0.2	0.1	0.0	0.2	0.3	0.0	0.0

#### Composite Leading Index

- ☐ The Composite Leading Index in March 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.

			2013	2014				
	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
○ Composite Leading Index (2010=100)	114.4	114.6	115.3	116.2	117.0	117.6	117.9	118.0
- Month-on-month (%)	0.5	0.2	0.6	0.8	0.7	0.5	0.3	0.1
<ul> <li>Cyclical Component of Composite Leading Index</li> </ul>	100.7	100.4	100.8	101.1	101.5	101.6	101.5	101.2
- Change from the Previous Month (p)	0.2	-0.3	0.4	0.3	0.4	0.1	-0.1	-0.3

# < Major Indicators of Industrial Activities>

[year-on-year, %]

				2013					r	14	
				Y Q1 Q4 Mar.				Q4 <sup>p</sup>	Jan.	Feb. <sup>p</sup>	Mar. <sup>p</sup>
	All industry <sup>1),4</sup>	1)	From the previous month (quarter)	-	0.4	1.0	-1.6	0.6	1.1	-1.3	0.4
	All illdustry		From the previous year	1.6	0.5	2.6	-0.6	1.7	0.9	1.6	2.5
	Mining, Manu	ıfacturing and	From the previous month (quarter)	_	-0.5	1.9	-1.8	0.3	-0.2	-1.9	0.9
	Electricity &	Gas	From the previous year	0.3	-0.8	1.7	-2.2	0.7	-4.3	4.1	2.7
		· Production	From the previous month (quarter)	-	-0.4	2.1	-1.7	0.4	0.0	-2.1	0.9
		rioddellori	From the previous year	0.3	-0.8	1.8	-2.2	0.7	-4.5	4.4	2.8
		· Producer's S	Shipment	0.4	-0.9	1.9	-1.4	0.2	-4.8	3.3	2.2
Production	Manufacturing	- Domestic		-1.4	-3.4	1.7	-4.3	1.5	-3.9	4.7	4.1
	Manaradamig	- Export		2.3	2.1	2.2	2.2	-1.5	-5.9	1.5	0.2
		· Producer's Inventory <sup>2)</sup>		5.0	4.6	5.0	4.6	7.6	3.8	5.3	7.6
		Average Operation Ratio <sup>3)</sup>		76.2	77.3	76.5	75.9	77.1	78.2	75.9	77.2
	Production Ca			1.7	1.8	1.7	1.7	1.3	1.4	1.2	1.3
	Service Industry	· Production	From the previous month (quarter)	-	0.2	0.9	-1.0	0.4	8.0	-0.6	0.1
			From the previous year	1.4	0.9	2.1	0.7	1.8	2.2	1.2	2.1
		- Wholesale & Retail		-0.2	-0.5	0.2	1.0	0.5	2.5	-0.9	-0.3
		- Wholesale & Retail Inventories 2)		1.6	3.7	1.6	3.7	1.0	0.9	-1.5	1.0
	Retail Sales		From the previous month (quarter)	-	-1.0	0.3	1.2	0.4	2.4	-3.0	1.6
Consumption	Trotain Gales		From the previous year	0.8	0.3	1.2	1.9	2.5	5.6	-0.4	2.1
		- Consumer du	rables	0.3	1.4	-1.5	0.9	6.0	4.1	10.7	3.3
		Equipment Investment	From the previous month (quarter)	-	-3.1	5.9	1.5	-5.1	-4.4	-0.5	1.5
	Equipment	Index	From the previous year	-1.3	-13.1	10.4	-7.2	6.0	-1.6	12.5	7.4
Investment		Value of Do Machinery O	rders Received	6.7	-11.4	32.4	13.2	18.6	-7.1	10.9	47.7
miveolili <del>c</del> ill		Value of Construction	From the previous month (quarter)	-	3.5	-0.7	-0.6	1.4	8.4	-3.4	-3.8
	Construction	Completed <sup>4)</sup> (constant)	From the previous year	10.1	4.4	9.7	3.1	6.4	11.4	6.6	2.3
		Value of Cor Orders Rece		-15.3	-40.8	22.4	-18.9	13.4	49.5	17.1	-13.0

Note 1) Including Agriculture, Forestry and Fishing only in yearly index 2) At the end of the month, quarter and year 3) During the month, quarter and year 4) The data for the last 3 months are preliminary.

# < Composite Economic Indexes>

	20:	13			
	Nov.	Dec.	Jan. <sup>p</sup>	Feb. <sup>p</sup>	Mar. <sup>p</sup>
Composite Coincident Index (2010=100)	116.1	116.8	117.5	117.9	118.4
· Month-on-month (%)	0.3	0.6	0.6	0.3	0.4
Cyclical Component of Composite Coincident Index	100.2	100.4	100.7	100.7	100.7
· Change from the Previous Month (p)	0.0	0.2	0.3	0.0	0.0
Composite Leading Index (2010=100)	116.2	117.0	117.6	117.9	118.0
· Month-on-month (%)	0.8	0.7	0.5	0.3	0.1
Cyclical Component of Composite Leading Index	101.1	101.5	101.6	101.5	101.2
· Change from the Previous Month (p)	0.3	0.4	0.1	-0.1	-0.3