

Data Book on Consolidated Financial Results
for the Nine-Month Period Ended December 31, 2018

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Note:

“Dec-18” in this booklet represents either “for the nine-month period ended December 31, 2018” or “as of December 31, 2018”, whichever is appropriate. It is also the same for “Dec-17”.

Segment abbreviations:

- (IS) Iron & Steel Products
- (MM) Mineral & Metal Resources
- (MI) Machinery & Infrastructure
- (CH) Chemicals
- (EN) Energy
- (LI) Lifestyle
- (IC) Innovation & Corporate Development
- (OT) All other / Adjustments and Eliminations

1. Consolidated Statements of Income

1) Revenue

(See "4. Operating Segment Information" for the breakdown by operating segment.)

(Billions of yen)

<u>Category of Revenues</u>	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>	<u>Description</u>
Sale of products	-	3,212.4	(3,212.4)	
Rendering of services	-	336.2	(336.2)	
Other revenue	-	104.4	(104.4)	
Revenue	5,013.0	0.0	5,013.0	
Total revenue	5,013.0	3,653.0	1,360.0	Increase: Adoption of the new accounting treatment +1,292.8

2) Gross Profit

(See "4. Operating Segment Information" for the breakdown by operating segment.)

(Billions of yen)

	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>	<u>Description</u>
Total	633.1	609.9	23.2	Increase : (EN) +41.8 (MOECO +26.4, METS +4.1, MEPUSA +3.0) (LI) +11.1 (Multigrain +3.5) Decrease : (MM) -25.7 (Iron ore in Australia -15.6, Coal in Australia -10.3) (IS) -12.6 (MBS business transfer -5.1 etc.)

<u>Average Ex. Rate</u>	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>
US Dollar	¥111.33	¥111.78	(¥0.45)
Australian Dollar	¥81.36	¥86.24	(¥4.88)
Oil price per barrel	\$70	\$53	\$17

Note)

JCC (Japan Crude Cocktail) price as reflected in operating results for the stated periods.

3) Selling, general and administrative expenses

(Billions of yen)

<u>Breakdown by sub-account</u>	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>
Personnel	(222.8)	(222.2)	(0.6)
Welfare	(9.1)	(9.3)	0.2
Travel	(23.5)	(22.2)	(1.3)
Entertainment	(5.0)	(5.4)	0.4
Communication	(32.5)	(33.6)	1.1
Rent	(22.3)	(21.0)	(1.3)
Depreciation	(12.3)	(10.6)	(1.7)
Fees and Taxes	(7.9)	(10.6)	2.7
Provision for Doubtful Rece	(8.9)	(4.5)	(4.4)
Others	(73.1)	(73.5)	0.4
Total	(417.4)	(412.9)	(4.5)

4) Gain (loss) on securities and other investments, Impairment reversal (loss) of fixed assets.

Gain (loss) on disposal or sales of fixed assets, and Other income (expense)

(Billions of yen)

	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>	<u>Description for Dec-18</u>	<u>Description for Dec-17</u>
Gain (loss) on securities and other investments -net	6.5	62.2	(55.7)	(LI) Change in the profit share in IHH +7.5	(MM) Incorporation of Valepar+56.3 (MI) UK IPP holding company -3.5
Impairment reversal (loss) of fixed assets -net	(3.6)	(18.9)	15.3	(EN) Exploration expenses -0.6	(LI) Impairment of Xingu-10.9 (MI) Container terminal-4.9 (EN) Exploration expenses-3.0
Gain (loss) on disposal or sales of fixed assets -net	5.8	14.9	(9.1)	(IS) Sale of land +5.9	(LI) Sales of buildings in Japan (IC) Sales of warehouses in Japan
Other income (expense) - net	(3.3)	19.5	(22.8)	(EN/MM) Exploration expenses -3.8	(IS) Gestamp price adjustment clause+7.0 (EN/MM) Exploration expenses-2.5
Provision related to Multigrain business	11.1	(30.4)	41.5	(LI/OT) Loss related to Multigrain	(LI/OT) Loss related to Multigrain

5) Interest income/expense

i) Interest income/expense

(Billions of yen)

	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>
Interest income	31.4	24.5	6.9
Interest expense	(59.9)	(50.0)	(9.9)
	(28.5)	(25.5)	(3.0)
< Breakdown by entity category >			
Parent	(20.4)	(15.9)	(4.5)
Overseas Trading Subs.	(0.1)	1.6	(1.7)
Domestic Subs.	(1.0)	(2.6)	1.6
Overseas Subs.	(7.0)	(8.6)	1.6

ii) Interest-bearing debt

(Billions of yen)

Gross interest-bearing debt	<u>Dec-18</u>	<u>Dec-17</u>
	4,398.2	4,400.4
	<u>Mar-18</u>	<u>Mar-17</u>
	4,226.9	4,801.6
Average for the period-	<u>Dec-18</u>	<u>Dec-17</u>
	4,312.6	4,601.0

(%)

iii) Market indication (monthly average)

	<u>Dec-18</u>	<u>Dec-17</u>
3-month Yen Tibor	0.07	0.06
3-month US\$ Libor	2.47	1.36
10-year government bond	0.07	0.05

6) Dividend income

(Billions of yen)

	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>
1Q	21.1	17.4	3.7
2Q	28.0	14.5	13.5
3Q	39.4	36.1	3.3
Total	88.5	68.0	20.5
Domestic	12.6	12.3	0.3
Overseas	75.9	55.7	20.2
(Overseas LNG projects)	53.7	43.1	10.6
Total	88.5	68.0	20.5

* Abu Dhabi, Oman, Qatar-Gas 1&3, Equatorial Guinea and Sakhalin II

7) Share of profit (loss) of investments accounted for using the equity method

(See "4. Operating Segment Information" for the breakdown by operating segment.)

(Billions of yen)

	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>	<u>Description</u>
Total	186.0	188.3	(2.3)	Decrease: (MI) -17.7 (IPP -20.6 (DTA recognition, Dec-17: sales of interest in FH +20.3, IPP refinance +3.9), loss in overseas rail project, Dec-17: reserve for Latin America loan -5.3, deterioration of overseas project) Increase: (EN) +9.7 (JALMIMI etc.) (IS) +4.6 (NSSB etc.)

8) Income taxes

(Billions of yen)

	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>	<u>Description</u>
Profit before Income taxes	478.3	475.0	3.3	Dec-17:
Income taxes	(111.2)	(80.8)	(30.4)	- Reversal of DTL through incorporation of Valepar
(tax rate)	23.2%	17.0%	6.2pt	- Reversal of DTL on equity accounted investments upon dividend from those investees
				- Reversal of DTL due to U.S. tax reform
				- Reversal of DTA on accumulated losses of equity accounted investees
				- Reversal of DTA (Multigrain)

2. Consolidated Statements of Financial Position

(Billions of yen)

	Dec-18	Mar-18	Increase	Description
1) Current Assets/Current Liabilities				
Current Assets	4,204.6	4,226.2	(21.6)	
Cash and cash equivalents	953.2	1,131.4	(178.2)	
Trade and other receivables	1,883.4	1,766.0	117.4	- (EN) Increase in trading volume - (LI) Seasonal factors
Other financial assets	344.9	243.9	101.0	- (IC/EN) Increase in trading volume of derivative trading
Inventories	630.4	550.7	79.7	- (CH/IC/MI/LI) Increase in trading volume
Advance payments to suppliers	253.7	307.3	(53.6)	- Netting against advances from customers
Assets held for sale	-	108.9	(108.9)	- Closing of business transfer to NSSB
Current Liabilities	2,931.8	2,698.8	233.0	
Short-term debt	283.7	201.6	82.1	
Current portion of long-term debt	516.4	482.6	33.8	- Reclassification to short-term debt
Trade and other payables	1,400.1	1,264.3	135.8	- Corresponding to increase in trade and other payables
Other financial liabilities	391.6	300.3	91.3	- (IC) Increase in precious metal lease business, - Corresponding to increase in other financial assets
Advances from customers	216.2	287.8	(71.6)	- Netting against advance payments to suppliers
Liabilities directly associated with assets held for sale	-	40.3	(40.3)	- Closing of business transfer to NSSB
2) Non-current Assets	7,622.4	7,080.5	541.9	
Investments accounted for using the equity method	2,697.5	2,503.0	194.5	- NSSB +38.0 - ETC Group +21.9 - MAERSK PRODUCT TANKERS - Kansai Helios Coatings +12.3 - Inversiones Mitta - Axiata (Cambodia) Holdings +10.1 - Profit of equity method investments +186.0 Dividends received from equity accounted investees -183.4 - FX fluctuations +1.2 - Medica Asia Sale -11.5
Other investments	1,890.1	1,825.0	65.1	- Fair value of FVTOCI (LNG Project) +46.8 - CT Corp Bonds +33.0 - FX fluctuations +18.9 - FKS Food & Agri +11.8 - NSSB (reclassification to equity method investee) -29.9 - Synlait Milk Sale -12.0
Trade and other receivables	434.9	400.1	34.8	
Property, plant and equipment	1,949.8	1,729.9	219.9	- Oil and gas operations +95.7 (incl consolidation of AWE +53.8, TA +9.2) - U.S. real estate business +41.1 (incl TA +0.5) - Aircraft leasing business +21.1 (incl TA +0.8) - Mitsui Plant Systems +13.6 - U.S. tank operation +12.5 (incl TA +3.7) - Iron ore in Australia -11.3 (incl TA -13.6) - Redevelopment project in Shinbashi Tokyo area +10.9
Investment property	207.3	189.0	18.3	
Intangible assets	184.7	173.2	11.5	
Deferred tax assets	53.5	49.5	4.0	
3) Non-current Liabilities	4,458.7	4,389.8	68.9	
Long-term debt, less the current portion	3,598.0	3,542.8	55.2	
Other financial liabilities	78.4	103.2	(24.8)	- Payment for PTL account payable
Provisions	213.8	200.6	13.2	- Reclassification due to the IPP restructuring +12.2 - Consolidation of AWE (increase) - Reversal of provision related to Multigrain business (decrease)
Deferred tax liabilities	495.6	467.0	28.6	- Fair value of FVTOCI (LNG Project)
4) Total equity attributable to owners of the parent	4,174.5	3,974.7	199.8	
Common stock	341.5	341.5	0.0	
Capital surplus	387.0	386.2	0.8	
Retained earnings	3,026.1	2,903.4	122.7	
Other components of equity	427.6	448.0	(20.4)	
<breakdown>				
Financial assets measured at FVTOCI	331.6	306.9	24.7	- Increase of fair value of FVTOCI (LNG Project)
Foreign currency translation adjustments	105.8	161.5	(55.7)	- AUD -37.4 (Dec-18 JPY78.18/AUD ← Mar-18 JPY81.66/AUD) - BRL -26.6 (Dec-18 JPY28.66/BRL ← Mar-18 JPY32.13/BRL) - USD +40.0 (Dec-18 JPY111.00/USD ← Mar-18 JPY106.24/USD)
Cash flow hedges	(9.8)	(20.4)	10.6	
Treasury Stock	(7.7)	(104.4)	96.7	- Cancellation of treasury stock
Non-controlling interests	262.0	243.4	18.6	

<Net Debt-to-Equity Ratio (Net DER)>

	<u>Dec-18</u>	<u>Mar-18</u>
Short-term debt	283.7	201.6
Long-term debt	<u>4,114.6</u>	<u>4,025.3</u>
Interest-bearing debt	4,398.3	4,226.9
(-) Cash and cash equivalents	<u>(977.5)</u>	<u>(1,137.7)</u>
Net Interest-bearing debt	<u>3,420.8</u>	<u>3,089.2</u>
Total equity attributable to owners of the	<u>4,174.5</u>	<u>3,974.7</u>
Net DER (times)	0.82	0.78
Adjusted Net DER* (times)	0.71	0.66

*Adjusted Net DER by including 50% of subordinated syndicated loan (JPY555.0 billion) in capital.

3. Consolidated Statements of Cash Flows

1) Operating activities

(Billions of yen)

	Dec-18	Dec-17	Increase
(a) Profit for the Period	367.1	394.2	(27.1)
Adjustments to reconcile profit for the period to cash flows from operating activities:			
(b) Depreciation and amortization	134.7	146.8	(12.1)
(c) Change in retirement benefit liabilities	(0.4)	3.8	(4.2)
(d) Provision for doubtful receivables, Provision related to Multigrain business, Gain (loss) on securities and other investments -net, Impairment reversal (loss) of fixed assets -net, Gain (loss) on disposal or sales of fixed assets -net, Valuation gain (loss) related to contingent considerations and others	(4.6)	(23.3)	18.7
(e) Finance income (costs) -net	(57.3)	(39.4)	(17.9)
(f) Income taxes	111.2	80.8	30.4
(g) Share of profit (loss) of investments accounted for using the equity method	(186.0)	(188.3)	2.3
(h) Interest received/paid, Dividends received, Income taxes paid	127.4	175.0	(47.6)
Subtotal ((b)+(c)+(d)+(e)+(f)+(g)+(h))	125.0	155.4	(30.4)
Core Operating cash flow((a)+(b)+(c)+(d)+(e)+(f)+(g)+(h))	492.1	549.6	(57.5)
Changes in operating assets and liabilities:			
(i) Change in trade and other receivables/payables, inventories, other-net	(130.6)	(146.6)	16.0
Net cash provided by operating activities((a)+(b)+(c)+(d)+(e)+(f)+(g)+(h)+(i))	361.5	403.0	(41.5)

Depreciation and amortization

<Breakdown by Operating Segment>

(Billions of yen)

	Dec-18	Dec-17	Increase
Iron & Steel Products	0.8	0.9	(0.1)
Mineral & Metal Resources	27.2	27.8	(0.6)
Machinery & Infrastructure	11.7	12.8	(1.1)
Chemicals	14.3	14.8	(0.5)
Energy	61.5	70.9	(9.4)
Lifestyle	11.2	11.2	0.0
Innovation & Corporate Development	3.1	3.1	0.0
Total	129.8	141.5	(11.7)
Others/ Adjustments and Eliminations	4.9	5.3	(0.4)
Consolidated Total	134.7	146.8	(12.1)

2) Investing activities

(Billions of yen)

	Dec-18			Dec-17		
	Net	Gross	Description	Net	Gross	Description
Net change in investments to equity accounted investees	(119.7)	(153.3)	<Increases> ETC Group -21.9 MAERSK PRODUCT TANKERS PTL Account payable Kansai Helios Coating -12.3 Inversiones Mitta Axiata (Cambodia) Holdings -10.1	(114.4)	(176.2)	<Increases> Additional acquisition of a stake in PTL -48.3 First Hydro -27.7 SUMIC -22.4 Cameron LNG -12.7 CIM Group -10.1
		33.6	<Decreases> Medica Asia +11.5		61.8	<Decreases> First Hydro +27.7 SUMIC +21.8
Net change in other investments	(70.0)	(164.0)	<Increases> Oil and gas business in Australia -48.2 CT Corp Bonds -33.0 U.S. real estate business -28.7 FKS Food & Agri -11.8	(32.0)	(58.9)	<Increases> R-Pharm -22.0 Healthcare staffing project -13.3
		94.0	<Decreases> Business transfer (NSSB) +64.4 Synlait Milk +12.0		26.9	<Decreases>
Net change in property, plant, and equipment	(189.3)	(233.1)	<Increases> Oil and gas projects -78.7 Lease transactions -58.1 (incl aircraft leasing business -18.8) Iron ore in Australia -16.3 U.S. tank operation -12.6 Coal in Australia -12.4	(101.6)	(128.4)	<Increases> Oil and gas projects -58.5 Iron ore in Australia -10.9 Coal in Australia -10.9
		43.8	<Decreases> Lease transactions +35.2		26.8	<Decreases> Marcellus Shale Gas Project (partial sale) +15.8
Net change in investment property	(15.6)	(15.7)	<Increases> Redevelopment project in Shinbashi Tokyo area -10.8	7.3	(7.9)	<Increases>
		0.1	<Decreases>		15.2	<Decreases> Buildings in Japan +10.5
Net change in loan receivables	(36.1)	Loans to the IPP project in Morocco -16.7	67.6	Collection of loan to IPP business +28.0 Collection of loan to SUMIC +19.4 Collection of loan corresponding to the sales of the interest in UK First Hydro power assets +18.4 Execution of loan to offshore energy business -13.4		
Net change in time deposits	(18.3)		(11.0)			
Cash flows from investing activities	(449.0)		(184.1)			

3) Financing activities

(Billions of yen)

	Dec-18		Dec-17	
	Net	Description	Net	Description
Net change in short-term debt	53.4		(83.9)	
Net change in long-term debt	(6.2)	501.8	(329.7)	175.6
		(508.0)		(505.3)
Purchase and sales of treasury stock-net	0.0		0.0	
Dividends paid	(139.0)		(105.8)	
Transactions with non-controlling interest shareholders	(2.0)		(6.2)	
Cash flows from financing activities	(93.9)		(525.6)	

4. Operating Segment Information

Period ended December 31, 2018 (from April 1, 2018 to December 31, 2018)

(Billions of yen)

	Iron & Steel Products	Mineral & Metal Resources	Machinery & Infrastructure	Chemicals	Energy	Lifestyle	Innovation & Corporate Development	Total	Others/ Adjustments and Eliminations	Consolidated Total
Revenue	156.4	755.5	597.6	1,304.2	540.1	1,544.6	111.4	5,009.8	3.2	5,013.0
Gross profit	20.7	135.9	97.6	106.8	109.9	118.2	42.7	631.8	1.3	633.1
Share of Profit (Loss) of Investments	14.6	45.2	63.0	10.0	26.5	20.6	7.8	187.7	(1.7)	186.0
Profit for the Period Attributable to Owners of the Parent	10.2	127.6	55.5	23.3	86.9	32.7	7.2	343.4	6.7	350.1
Total Assets (as of Dec 31, 2018)	608.4	2,197.9	2,420.0	1,274.1	2,477.8	2,156.2	741.2	11,875.6	(48.6)	11,827.0
Core Operating CF	(1.4)	149.4	57.9	39.9	194.1	20.9	7.6	468.4	23.7	492.1

Period ended December 31, 2017 (from April 1, 2017 to December 31, 2017)

	Iron & Steel Products	Mineral & Metal Resources	Machinery & Infrastructure	Chemicals	Energy	Lifestyle	Innovation & Corporate Development	Total	Others/ Adjustments and Eliminations	Consolidated Total
Revenue	188.0	713.3	335.1	857.7	395.5	1,062.0	99.3	3,650.9	2.1	3,653.0
Gross profit	33.3	161.6	91.9	104.1	68.1	107.1	41.5	607.6	2.3	609.9
Share of Profit (Loss) of Investments	10.0	48.5	80.7	7.8	16.8	18.3	6.4	188.5	(0.2)	188.3
Profit for the Period Attributable to Owners of the Parent	22.1	229.3	79.0	27.5	35.0	(26.7)	5.3	371.5	5.3	376.8
Total Assets (as of Mar 31, 2018)	680.3	2,260.1	2,364.6	1,228.8	2,083.8	1,987.3	662.2	11,267.1	39.6	11,306.7
Core Operating CF	19.3	174.2	128.8	36.6	146.0	13.1	5.7	523.7	25.9	549.6

Increase/Decrease

	Iron & Steel Products	Mineral & Metal Resources	Machinery & Infrastructure	Chemicals	Energy	Lifestyle	Innovation & Corporate Development	Total	Others/ Adjustments and Eliminations	Consolidated Total
Revenue	(31.6)	42.2	262.5	446.5	144.6	482.6	12.1	1,358.9	1.1	1,360.0
Gross profit	(12.6)	(25.7)	5.7	2.7	41.8	11.1	1.2	24.2	(1.0)	23.2
Share of Profit (Loss) of Investments	4.6	(3.3)	(17.7)	2.2	9.7	2.3	1.4	(0.8)	(1.5)	(2.3)
Profit for the Period Attributable to Owners of the Parent	(11.9)	(101.7)	(23.5)	(4.2)	51.9	59.4	1.9	(28.1)	1.4	(26.7)
Total Assets	(71.9)	(62.2)	55.4	45.3	394.0	168.9	79.0	608.5	(88.2)	520.3
Core Operating CF	(20.7)	(24.8)	(70.9)	3.3	48.1	7.8	1.9	(55.3)	(2.2)	(57.5)

Gross Profit

(Billions of yen)

	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>	<u>Description</u>
Iron & Steel Products	20.7	33.3	(12.6)	MBS -5.1 (business transfer) Sale of CCPS Dec-17: pipeline project
Mineral & Metal Resources	135.9	161.6	(25.7)	Iron ore mining operations in Australia -15.6 (lower iron ore prices, change in mining operation) Coal mining operations in Australia -10.3 (change in mining plans)
Machinery & Infrastructure	97.6	91.9	5.7	
Chemicals	106.8	104.1	2.7	MMTX +5.6 (higher methanol price) Novus -4.2 (lower methionine price)
Energy	109.9	68.1	41.8	MOECO +26.4 (higher crude oil and gas prices, cost decrease) METS +4.1 (good trading performance) MEPUSA +3.0 (higher gas prices, cost decrease)
Lifestyle	118.2	107.1	11.1	Multigrain +3.5 (poor performance in the previous period)
Innovation & Corporate Development	42.7	41.5	1.2	Dec-17: loss on mobile data network operator in developing countries -6.5 Dec-17: Hutchison China MediTech +12.7
Total	631.8	607.6	24.2	
Others/ Adjustments and Eliminations	1.3	2.3	(1.0)	
Consolidated Total	633.1	609.9	23.2	

Share of Profit (Loss) of Investments Accounted for Using the Equity Method

(Billions of yen)

	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>	<u>Description</u>
Iron & Steel Products	14.6	10.0	4.6	NSSB (consolidation)
Mineral & Metal Resources	45.2	48.5	(3.3)	Valepar -9.4 (deconsolidation in previous year) MLCC +3.8 (Dec-17: impairment)
Machinery & Infrastructure	63.0	80.7	(17.7)	IPP -20.6 (recognition of DTA, Dec-17: sales of interest in FH +20.3, refinance +3.9) Los in overseas rail project Dec-17: reserve for Latin America loan -5.3, deterioration of overseas project
Chemicals	10.0	7.8	2.2	
Energy	26.5	16.8	9.7	JALMIMI (higher crude oil and gas prices)
Lifestyle	20.6	18.3	2.3	
Innovation & Corporate Development	7.8	6.4	1.4	
Total	187.7	188.5	(0.8)	
Others/ Adjustments and Eliminations	(1.7)	(0.2)	(1.5)	
Consolidated Total	186.0	188.3	(2.3)	

Profit (Loss) for the Period Attributable to Owners of the Parent

(Billions of yen)

	<u>Dec-18</u>	<u>Dec-17</u>	<u>Increase</u>	<u>Description (changes attributable to other than gross profit and share of profit of investments accounted for using the equity method; before tax)</u>
Iron & Steel Products	10.2	22.1	(11.9)	Dec-17: Gestamp price adjustment clause +7.0 Sale of land +5.9
Mineral & Metal Resources	127.6	229.3	(101.7)	Vale dividend +8.5 Dec-17: Incorporation of Valepar (gain on securities +56.3, reversal of DTL +35.2) Reversal of DTL (dividend from Erdos)
Machinery & Infrastructure	55.5	79.0	(23.5)	DTA recognition in IPP Dec-17: Reversal of DTL (dividend from IPP) Container terminal development and operation -4.9 (impairment loss) Loss due to refinance -4.1 (financing subsidiary in IPP) UK IPP business -3.5 (valuation loss on securities)
Chemicals	23.3	27.5	(4.2)	Dec-17: ITC (U.S. tax reform) +8.2
Energy	86.9	35.0	51.9	Dec-17: MEPUS Holding (U.S. tax reform) -15.0 Dividend income: +10.3 (six LNG projects +10.6) Exploration expense: (Dec-18) -2.9, (Dec-17) -4.5
Lifestyle	32.7	(26.7)	59.4	Reversal of provision for Multigrain +11.6 Change in the profit share in IHH +7.5 Dec-17: Loss related to Multigrain business -32.5, tax expenses -8.6 Impairment loss on fixed assets of Xingu -10.9 Gain on sales of buildings in Japan (Mitsui & Co. Real Estate Ltd.)
Innovation & Corporate Development	7.2	5.3	1.9	Dec-17: gain on sales of warehouses in Japan
Total	343.4	371.5	(28.1)	
Others/ Adjustments and Eliminations	6.7	5.3	1.4	
Consolidated Total	350.1	376.8	(26.7)	

<Ref.>

Breakdown by Business Unit

Period ended December 31, 2018 (from April 1, 2018 to December 31, 2018)

(Billions of yen)

	Machinery & Infrastructure				Chemicals				Lifestyle					Innovation & Corporate Development		
	Infrastructure Projects	Mobility I	Mobility II	Total	Basic Materials	Performance Materials	Nutrition & Agriculture	Total	Food	Food & Retail Management	Healthcare & Service	Consumer	Total	IT & Communication	Corporate Development	Total
Gross profit	15.3	60.7	21.6	97.6	38.3	30.1	38.4	106.8	40.2	37.4	11.8	28.8	118.2	21.0	21.7	42.7
Share of Profit (Loss) of Investments Accounted for Using the Equity	40.6	20.4	2.1	63.0	6.7	3.6	(0.3)	10.0	6.4	2.6	6.8	4.7	20.6	3.7	4.1	7.8
Profit for the Period Attributable to Owners of the Parent	28.4	17.2	9.9	55.5	16.8	7.4	(0.9)	23.3	18.5	7.8	6.1	0.3	32.7	0.1	7.1	7.2
Total Assets (as of Dec 31, 2018)	1,038.4	850.3	531.3	2,420.0	542.5	396.5	335.0	1,274.1	604.2	646.5	423.8	481.7	2,156.2	192.0	549.2	741.2
Core Operating CF	14.6	29.4	13.9	57.9	28.3	6.3	5.3	39.9	10.9	8.5	1.1	0.3	20.9	1.3	6.2	7.6

Period ended December 31, 2017 (from April 1, 2017 to December 31, 2017)

	Machinery & Infrastructure				Chemicals				Lifestyle					Innovation & Corporate Development		
	Infrastructure Projects	Mobility I	Mobility II	Total	Basic Materials	Performance Materials	Nutrition & Agriculture	Total	Food	Food & Retail Management	Healthcare & Service	Consumer	Total	IT & Communication	Corporate Development	Total
Gross profit	17.7	54.1	20.1	91.9	32.7	31.3	40.2	104.1	39.3	36.8	9.3	21.7	107.1	10.2	31.3	41.5
Share of Profit (Loss) of Investments Accounted for Using the Equity	50.3	26.6	3.8	80.7	5.0	3.1	(0.2)	7.8	6.9	1.6	7.5	2.3	18.3	2.2	4.2	6.4
Profit for the Period Attributable to Owners of the Parent	40.0	28.9	10.2	79.0	19.5	8.2	(0.2)	27.5	(41.4)	10.4	0.6	3.6	(26.7)	(10.6)	16.0	5.3
Total Assets (as of Mar 31, 2018)	1,044.2	833.6	486.8	2,364.6	519.7	391.5	317.5	1,228.8	588.6	575.1	420.7	403.0	1,987.3	188.9	473.3	662.2
Core Operating CF	89.9	24.5	14.4	128.8	22.3	7.8	6.6	36.6	6.4	12.4	(1.4)	(4.3)	13.1	(8.2)	13.9	5.7

Increase/Decrease

	Machinery & Infrastructure				Chemicals				Lifestyle					Innovation & Corporate Development		
	Infrastructure Projects	Mobility I	Mobility II	Total	Basic Materials	Performance Materials	Nutrition & Agriculture	Total	Food	Food & Retail Management	Healthcare & Service	Consumer	Total	IT & Communication	Corporate Development	Total
Gross profit	(2.4)	6.6	1.5	5.7	5.6	(1.2)	(1.8)	2.7	0.9	0.6	2.5	7.1	11.1	10.8	(9.6)	1.2
Share of Profit (Loss) of Investments Accounted for Using the Equity	(9.7)	(6.2)	(1.7)	(17.7)	1.7	0.5	(0.1)	2.2	(0.5)	1.0	(0.7)	2.4	2.3	1.5	(0.1)	1.4
Profit for the Period Attributable to Owners of the Parent	(11.6)	(11.7)	(0.3)	(23.5)	(2.7)	(0.8)	(0.7)	(4.2)	59.9	(2.6)	5.5	(3.3)	59.4	10.7	(8.9)	1.9
Total Assets	(5.8)	16.7	44.5	55.4	22.8	5.0	17.5	45.3	15.6	71.4	3.1	78.7	168.9	3.1	75.9	79.0
Core Operating CF	(75.3)	4.9	(0.5)	(70.9)	6.0	(1.5)	(1.3)	3.3	4.5	(3.9)	2.5	4.6	7.8	9.5	(7.7)	1.9

Note) Integrated Transportation System Business Unit I and Unit II changed their names to Mobility Business Unit I and Unit II, respectively, on October 1, 2018.

5. Forecasts for the Year Ending March 31, 2019

< Assumption >	<u>3Q</u> (Actual)	<u>4Q</u> (Forecast)	<u>Mar-19</u> <u>Revised</u> Forecast	<u>Mar-19</u> <u>Previous</u> Forecast
Exchange rate (JPY/USD)	111.33	110	111.00	110.35
Crude oil (JCC)	\$74/bbl	\$66/bbl	\$72/bbl	\$71/bbl
Consolidated oil price	\$70/bbl	\$73/bbl	\$70/bbl	\$70/bbl

(Billions of yen)

	Revised Forecast	Previous Forecast	Change	Description
Gross profit	830.0	850.0	(20.0)	Loss on FVTPL, lower methionine prices
Selling, general and administrative expenses	(560.0)	(560.0)	0.0	
Gain on investments, fixed assets and other	20.0	10.0	10.0	Decline in exploration expenses
Interest expenses	(40.0)	(40.0)	0.0	
Dividend income	100.0	110.0	(10.0)	Decline in Vale dividend
Profit (loss) of equity method investments	260.0	260.0	0.0	
Profit before income taxes	610.0	630.0	(20.0)	
Income taxes	(150.0)	(160.0)	10.0	
Non-controlling Interests	(20.0)	(20.0)	0.0	
Profit for the year attributable to owners of the parent	440.0	450.0	(10.0)	
Depreciation and amortization	180.0	180.0	0.0	
Core operating cash flow	590.0	600.0	(10.0)	

Profit for the year attributable to owners of the parent

(Billions of yen)

	<u>Mar-19</u> <u>Revised</u> <u>Forecast</u>	<u>Mar-19</u> <u>Previous</u> <u>Forecast</u>	<u>Change</u>	<u>Description of Increase/Decrease</u>
Iron & Steel Products	15.0	15.0	0.0	
Mineral & Metal Resources	165.0	175.0	(10.0)	Decline in Vale dividend
Machinery & Infrastructure	75.0	75.0	0.0	
Chemicals	30.0	40.0	(10.0)	Lower methionine prices
Energy	105.0	90.0	15.0	Decline in costs, increase in volume, higher gas prices
Lifestyle	40.0	35.0	5.0	Improvement of FX gain/loss at IHH
Innovation & Corporate Development	10.0	20.0	(10.0)	Loss on FVTPL
Total	440.0	450.0	(10.0)	
All Other Adjustments and Eliminations	0.0	0.0	0.0	
Consolidated Total	440.0	450.0	(10.0)	

Core Operating Cash Flow

(Billions of yen)

	<u>Mar-19</u> <u>Revised</u> <u>Forecast</u>	<u>Mar-19</u> <u>Previous</u> <u>Forecast</u>	<u>Change</u>	<u>Description of Increase/Decrease</u>
Iron & Steel Products	10.0	10.0	0.0	
Mineral & Metal Resources	190.0	200.0	(10.0)	Decline in Vale dividend
Machinery & Infrastructure	75.0	75.0	0.0	
Chemicals	50.0	60.0	(10.0)	Lower methionine prices
Energy	215.0	200.0	15.0	Increase in volume, higher gas prices
Lifestyle	25.0	25.0	0.0	
Innovation & Corporate Development	15.0	20.0	(5.0)	Loss on FVTPL
Total	580.0	590.0	(10.0)	
All Other Adjustments and Eliminations	10.0	10.0	0.0	
Consolidated Total	590.0	600.0	(10.0)	

6. Affiliated Companies Information

<Profit & Loss Attributable to Mitsui & Co., Ltd.>

Name	Principal lines of business	Ownership interest (%)	Entity category	Fiscal year-end	1H	3Q	Dec-18 Earnings	Dec-17 Earnings	Increase/Decrease	
										(JPY billion)
Iron & Steel Products										
Mitsui & Co. Steel Ltd.	Sales, export, import of steel products	100.0	S	Mar	2.3	0.9	3.2	5.0	(1.8)	
NIPPON STEEL & SUMIKIN BUSSAN CORPORATION (*3)	Sales, export and import of steel products	19.9	A	Mar	4.6	-	-	-	-	
Gestamp companies (*1)	Manufacture of automotive components	Var.	A	Dec	1.7	0.4	2.0	2.8	(0.8)	
SIAM YAMATO STEEL COMPANY LIMITED (*3)	Manufacture and sales of steel products	20.0	A	Dec	-	-	-	-	-	
Game Changer Holdings Inc.	Investment in steel processing company	100.0	S	Mar	2.3	0.6	2.9	4.0	(1.1)	
Mineral & Metal Resources										
Iron ore mining operations in Australia (*1)	Mining and sales of Australian iron ore	Var.	S	Mar	50.2	27.9	78.1	81.8	(3.7)	
Coal mining operations in Australia (*1)	Investments in Australian coal business	Var.	S/A	Var.	24.7	10.2	34.9	37.6	(2.7)	
Coal and rail & port infrastructure business in Mozambique (*1)	Investments in coal and rail & port infrastructure business in Mozambique	100.0	S	Var.	0.9	1.6	2.4	(1.6)	4.0	
Oriente Copper Netherlands B.V.	Investment in copper business in Chile through Inversiones Mineras Acrux SpA	100.0	S	Mar	(0.1)	(0.5)	(0.5)	2.7	(3.2)	
Mitsui Bussan Copper Investment & Co., Ltd.	Investment in Caserones copper mine in Chile	100.0	S	Mar	(1.9)	(0.1)	(2.0)	(4.0)	2.0	
Japan Colahuasi Resources B.V.	Investment in Colahuasi copper mine in Chile	91.9	S	Dec	4.3	1.9	6.2	3.2	3.0	
Inner Mongolia Erdos Electric Power & Metallurgical Co., Ltd	Coal mining, power generation, ferrous alloy and chemical production and water pumping	20.2	A	Dec	2.5	0.8	3.3	3.8	(0.5)	
Machinery & Infrastructure										
<Infrastructure Projects>										
IPP businesses (*1)	Investment in power generation businesses	Var.	A	Dec	12.7	5.1	17.8	38.4	(20.6)	
FPSO/FSO leasing businesses (*1)	FPSO/FSO leasing	Var.	A	Dec	3.4	2.7	6.0	8.0	(2.0)	
Drillship Investment B.V.	Investments in drillship leasing business	100.0	S	Dec	1.0	0.2	1.1	0.6	0.5	
Gas distribution companies (*1)	Investments in gas distribution companies in Brazil and Mexico	100.0	S	Dec	3.0	2.1	5.1	5.4	(0.3)	
Mitsui & Co. Plant Systems, Ltd.	Sales of various plants, electric power facilities and transportation	100.0	S	Mar	1.1	0.5	1.5	3.1	(1.6)	
Toyo Engineering Corporation (*3)	Plant engineering	22.8	A	Mar	0.4	-	-	(3.3)	-	
Tokyo International Air Cargo Terminal Ltd.	Operation of air cargo terminal at Tokyo International Airport	100.0	S	Mar	0.9	0.5	1.4	1.3	0.1	
Portek International Private Limited	Development and operation of container terminal	100.0	S	Mar	0.2	0.1	0.3	(4.8)	5.1	
Mit Investment Manzanillo B.V.	Investment in LNG terminal in Mexico	100.0	S	Mar	0.4	(0.2)	0.2	0.0	0.2	
Mitsui Water Holdings (Thailand) Ltd.	Investment in water supply business	100.0	S	Mar	1.3	0.5	1.8	1.6	0.2	
ATLATEC, S.A. de C.V.	Designing, building and operation of water treatment plants	96.4	S	Dec	0.0	0.5	0.5	(1.0)	1.5	
<Mobility I>										
Penske Automotive Group, Inc.	Automotive retailer	15.7	A	Dec	4.2	2.3	6.5	8.0	(1.5)	
Truck leasing and rental businesses	Truck leasing, rental and logistics businesses	100.0	S	Dec	2.1	2.4	4.5	3.2	1.3	
Asian motor vehicle businesses (*1)	Asian motor vehicle businesses	Var.	A	Var.	3.3	2.2	5.5	5.7	(0.2)	
Toyota Chile S.A.	Import and sales of automobiles and auto parts	100.0	S	Dec	1.0	0.2	1.1	1.1	0.0	
PT. Bussan Auto Finance	Motorcycle retail finance	80.0	S	Dec	(0.2)	0.7	0.4	0.5	(0.1)	
MITSUI AUTO FINANCE CHILE LTDA.	Automobile retail finance	100.0	S	Dec	1.0	0.4	1.3	1.6	(0.3)	
VLI S.A.	Integrated Freight Transportation	20.0	A	Dec	0.6	1.0	1.6	2.0	(0.4)	
Construction & industrial machinery businesses (*1)	Construction & industrial machinery businesses	Var.	S/A	Var.	2.6	2.5	5.1	3.2	1.9	
<Mobility II>										
Orient Marine Co., Ltd.	Shipping business	100.0	S	Mar	0.8	0.5	1.3	1.3	0.0	
OMC SHIPPING PTE. LTD.	Shipping business	100.0	S	Mar	1.0	0.6	1.6	1.0	0.6	
Rolling stock leasing businesses (*1)	Freight car and locomotive leasing	Var.	S/A	Var.	1.6	0.6	2.2	3.5	(1.3)	
Aviation businesses (*1)	Aviation businesses	Var.	S/A	Var.	0.4	1.0	1.3	1.3	0.0	
Chemicals										
<Basic Materials>										
Japan-Arabia Methanol Company Ltd.	Investments in methanol producing business in Saudi Arabia and sales of products	55.0	S	Mar	1.8	0.5	2.3	2.1	0.2	
MMTX Inc.	Investment in methanol producing business in United States and sale of products	100.0	S	Mar	4.3	2.1	6.4	2.4	4.0	
Intercontinental Terminals Company LLC	Chemical tank leasing	100.0	S	Mar	3.2	1.5	4.7	12.0	(7.3)	
Mitsui Bussan Chemicals Co., Ltd.	Sales and trading of solvents and coating materials	100.0	S	Mar	0.5	0.3	0.7	0.8	(0.1)	
<Performance Materials>										
MITSUI & CO. PLASTICS LTD.	Sales of plastics and chemicals	100.0	S	Mar	1.9	1.1	2.9	3.0	(0.1)	
<Nutrition & Agriculture>										
Novus International, Inc.	Manufacture and sales of feed additives	80.0	S	Mar	(1.0)	0.2	(0.8)	0.2	(1.0)	
Mitsui AgriScience International (Europe/Americas) (*1)	Investments in crop protection businesses in Europe and Americas	100.0	S	Mar	0.8	(0.3)	0.5	0.9	(0.4)	
MVM Resources International B.V.	Investment in phosphorus ore mining in Peru and global marketing business	25.0	A	Dec	(0.5)	(0.4)	(0.9)	(1.3)	0.4	

Name	Principal lines of business	Ownership interest (%)	Entity category	Fiscal year-end	1H	3Q	Dec-18	Dec-17	Increase/Decrease	
							Earnings	Earnings		
						(JPY billion)	(JPY billion)	(JPY billion)	(JPY billion)	
Energy										
Mitsui E&P Australia Pty Limited	Exploration, development and production of oil and natural gas in Oceania	100.0	S	Dec	(0.2)	0.9	0.7	4.5	(3.8)	
Mitsui E&P Middle East B.V.	Exploration, development and production of oil and natural gas in Middle East	89.7	S	Dec	3.1	1.8	5.0	2.9	2.1	
Mitsui Oil Exploration Co., Ltd.	Exploration, development and production of oil and natural gas	74.3	S	Mar	9.8	7.4	17.2	6.2	11.0	
Mitsui E&P USA LLC (*2)	Exploration, development and production of shale gas	89.7	S	Dec	4.6	0.8	5.5	4.9	0.6	
MEP Texas Holdings LLC (*2)	Exploration, development and production of shale oil/gas	89.7	S	Dec	4.1	1.9	6.0	3.6	2.4	
Mitsui E&P Italia A S.r.l.	Exploration, development and production of oil and natural gas based in Italy	89.7	S	Dec	(1.0)	(0.6)	(1.5)	(0.3)	(1.2)	
Mitsui Sakhalin Holdings B.V. (*3)	Investment in Sakhalin Energy Investment	100.0	S	Mar	-	-	-	-	-	
Mitsui E&P Mozambique Area 1 Limited	Exploration, development and production of oil and natural gas in Mozambique	50.0	S	Dec	(1.0)	(0.1)	(1.1)	(2.0)	0.9	
Mitsui & Co. Energy Trading Singapore Pte. Ltd.	International trading of petroleum products and crude oil	100.0	S	Mar	1.7	0.1	1.8	(3.2)	5.0	
ENEOS GLOBE Corporation	Sales of liquefied petroleum gas in Japan	30.0	A	Mar	0.5	(0.1)	0.4	0.7	(0.3)	
Japan Australia LNG (MIM) Pty. Ltd. (*3)	Exploration, development and sales of crude oil and natural gas	50.0	A	Dec	-	-	-	-	-	
Mitsui & Co. LNG Investment USA, Inc. (*4)	Investments in LNG export project in the U.S.A.	100.0	S	Dec	(0.7)	(0.4)	(1.1)	(1.0)	(0.1)	
Lifestyle										
<Food>										
Multigrain Trading AG (*5)	Origination and merchandising of agricultural products	100.0	S	Dec	12.2	-	12.2	(46.1)	58.3	
XINGU AGRI AG	Production of agricultural products	100.0	S	Dec	1.0	(1.1)	0.0	(9.3)	9.3	
United Grain Corporation of Oregon	Origination and merchandising of grain	100.0	S	Mar	0.5	0.3	0.8	2.6	(1.8)	
Mitsui Sugar Co., Ltd.	Manufacture of refined sugar	32.2	A	Mar	1.1	0.7	1.7	2.5	(0.8)	
Mitsui Norin Co., Ltd.	Manufacture and sales of food products	100.0	S	Mar	0.3	0.3	0.6	2.9	(2.3)	
PRIFOODS CO., LTD.	Production, processing and sales of broilers	51.2	S	Mar	0.7	0.7	1.4	2.0	(0.6)	
<Food & Retail Management>										
Domestic food & retail management businesses (*1)	Domestic food & retail management businesses	100.0	S	Mar	2.2	2.0	4.2	5.3	(1.1)	
WILSEY FOODS, INC.	Investments in edible oil products company	90.0	S	Mar	1.8	0.9	2.6	3.4	(0.8)	
<Healthcare & Service>										
IHH Healthcare Berhad	Provider of healthcare services	16.9	A	Dec	0.8	(0.9)	0.0	1.3	(1.3)	
PHC Holdings Corporation (*3) (*6)	Development, manufacture and sales of healthcare products	21.6	A	Mar	-	-	-	-	-	
MicroBiopharm Japan Co., Ltd.	Manufacture and sales of medicines and chemicals	80.0	S	Mar	0.4	0.4	0.8	0.7	0.1	
AIM SERVICES CO., LTD.	Contract food services	50.0	A	Mar	1.4	0.6	2.0	1.9	0.1	
SOGO MEDICAL CO., LTD.	Total solutions for medical institution management, dispensary pharmacy business	25.5	A	Mar	0.3	0.2	0.6	0.8	(0.2)	
<Consumer Business>										
Mitsui & Co. Real Estate Ltd.	Real estate sales, leasing, management and consulting	100.0	S	Mar	0.7	0.0	0.7	2.9	(2.2)	
Overseas real estate businesses (*1)	Overseas real estate businesses	Var.	S/A	Var.	0.1	(0.4)	(0.3)	(1.0)	0.7	
Life essentials businesses (*1)	Life essentials businesses	Var.	S/A	Var.	0.7	0.6	1.3	1.1	0.2	
Fashion & textile businesses (*1)	Fashion & textile businesses	Var.	S/A	Var.	1.2	1.2	2.4	1.1	1.3	
Innovation & Corporate Development										
<IT & Communication>										
Asia Pacific Mobile Pte. Ltd.	Investment in high-speed mobile service business in Indonesia	100.0	S	Mar	(1.3)	(2.4)	(3.7)	(4.4)	0.7	
Relia, Inc. (*3)	Comprehensive telemarketing and direct marketing operations	34.4	A	Mar	0.7	-	-	1.3	-	
QVC JAPAN INC. (*3)	TV shopping using a 24-hour dedicated channel	40.0	A	Dec	-	-	-	-	-	
CCTV Shopping Co., Ltd. (*3)	Service for TV shopping business in China	25.0	A	Dec	-	-	-	-	-	
MITSUI KNOWLEDGE INDUSTRY CO., LTD.	Planning, development and sales of information and communication systems	100.0	S	Mar	0.9	1.0	1.9	0.9	1.0	
<Corporate Development>										
JA Mitsui Leasing, Ltd.	Leasing and financing business	31.4	A	Mar	1.5	0.7	2.2	2.9	(0.7)	
Mitsui & Co. Global Logistics, Ltd.	Domestic warehousing businesses and international integrated transportation services	100.0	S	Mar	1.5	0.8	2.3	2.0	0.3	
Mitsui & Co. Asset Management Holdings LTD.	Real estate asset management	100.0	S	Mar	0.7	0.3	1.0	1.4	(0.4)	
SABRE INVESTMENTS, LLC (*3)	Vehicle for the investment in a real asset owner and operator in US	100.0	S	Dec	-	-	-	-	-	

(*1) Combined sum of consolidated earnings of affiliated companies engaged in those businesses.

(*2) Mitsui E&P USA LLC and MEP Texas Holdings LLC show income (loss) before income taxes.

(*3) Earnings of those companies are not disclosed here based on confidentiality agreements with joint venture partners or on the ground that they are listed companies that have not released their operating results yet.

(*4) Mitsui & Co. LNG Investment USA, Inc. shows income (loss) before income taxes for the natural gas liquefaction tolling activities.

(*5) Multigrain Trading AG was excluded from the consolidation at the end of 1Q of FY Mar 2019.

(*6) Panasonic healthcare holdings Co., Ltd. changed its name to PHC Holdings Corporation on April 1, 2018.

Note) Entity category: S represents subsidiary and A represents equity accounted investee.

Integrated Transportation System Business Unit I and Unit II changed their names to Mobility Business Unit I and Unit II, respectively, on October 1, 2018.

7. Historical Commodity Prices (Informative)

Crude oil (\$/bbl)	Jan-Mar 2017	Apr-Jun 2017	Jul-Sep 2017	Oct-Dec 2017	Jan-Mar 2018	Apr-Jun 2018	Jul-Sep 2018	Oct-Dec 2018
JCC	54.93	53.33	49.61	59.05	66.55	71.14	76.09	77.57
WTI	51.91	48.27	48.22	54.91	62.87	67.88	69.50	58.81
Brent	54.67	50.91	52.18	60.88	67.18	74.90	75.97	68.08
Henry Hub (\$/MMBtu)	3.082	3.140	2.960	2.925	2.840	2.832	2.864	3.743

*Latest 3 months data are provisional. (Source: Trade Statistics of Japan, MOF)

Average of representative iron ore index prices (Fine, 62% Fe, CFR North China, US\$/MT)	Jan-Mar 2017	Apr-Jun 2017	Jul-Sep 2017	Oct-Dec 2017	Jan-Mar 2018	Apr-Jun 2018	Jul-Sep 2018	Oct-Dec 2018
	85.4	62.8	70.9	65.3	73.9	65.2	66.8	71.6

Coal (\$/MT)	Jan-Mar 2017	Apr-Jun 2017	Jul-Sep 2017	Oct-Dec 2017	Jan-Mar 2018	Apr-Jun 2018	Jul-Sep 2018	Oct-Dec 2018
Hard coking coal	285.00	193.79	170.34	192.18	236.99	196.56	187.56	212.45
Soft coking coal	171.00	126.00	120.00	126.00	150.00	132.00	129.00	-
Thermal coal	-	84.97	-	94.75	-	110.00	-	109.77

Copper (\$/MT)	Jan-Mar 2017	Apr-Jun 2017	Jul-Sep 2017	Oct-Dec 2017	Jan-Mar 2018	Apr-Jun 2018	Jul-Sep 2018	Oct-Dec 2018
LME price	5,833.50	5,662.88	6,346.66	6,808.04	6,959.29	6,871.70	6,102.65	6,167.70

Forex (¥/Foreign currency)	Jan-Mar 2017	Apr-Jun 2017	Jul-Sep 2017	Oct-Dec 2017	Jan-Mar 2018	Apr-Jun 2018	Jul-Sep 2018	Oct-Dec 2018
Yen to US\$	112.85	111.42	111.17	112.74	107.47	109.53	111.88	112.58
Yen to A\$	86.10	84.11	87.94	86.66	84.37	82.04	81.54	80.50
Yen to BRL	36.07	34.30	35.20	34.38	33.12	29.76	28.28	29.58

Interest (%)	Jan-Mar 2017	Apr-Jun 2017	Jul-Sep 2017	Oct-Dec 2017	Jan-Mar 2018	Apr-Jun 2018	Jul-Sep 2018	Oct-Dec 2018
3-month Tibor (Yen)	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07
3-month Libor (US\$)	1.08	1.23	1.32	1.52	2.04	2.34	2.36	2.70
Japanese government bond (10-year)	0.07	0.05	0.05	0.05	0.06	0.04	0.10	0.07