# **Operational Summary**

for the Fiscal Year Ended March 31, 2017

May 12, 2017 Mitsubishi Chemical Holdings Corporation

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Mitsubishi Chemical Holdings Corporation has adopted IFRS starting with FY2016 1Q. The numerical values in FY2015 based on J-GAAP have been translated to the values based on IFRS.

#### **List of Abbreviations**

FY2017:	April 1, 2017 - March 31, 2018 1st Half ("1H") of FY2017: April 1, 2017 - September 30, 2017 2nd Half ("2H") of FY2017: October 1, 2017 - March 31, 2018
FY2016:	April 1, 2016 - March 31, 2017 <b>4th Quarter ("4Q") of FY2016</b> : January 1, 2017 - March 31, 2017 <b>1st Half ("1H") of FY2016</b> : April 1, 2016 - September 30, 2016 <b>2nd Half ("2H") of FY2016</b> : October 1, 2016 - March 31, 2017
FY2015:	April 1, 2015 - March 31, 2016
MCHC:	Mitsubishi Chemical Holdings Corporation
MCC:	Mitsubishi Chemical Corporation
MTPC:	Mitsubishi Tanabe Pharma Corporation
MPI:	Mitsubishi Plastics, Inc.
MRC:	Mitsubishi Rayon Co., Ltd.
LSII:	Life Science Institute, Inc.
TNSC:	Taiyo Nippon Sanso Corporation

(Note)

Divisional numbers into following "business sub-segments" under the business segments of Designed Materials, Health Care, Chemicals, or Polymers are approximation for reference purpose only;

Functional Products Performance Chemicals Pharmaceuticals Diagnostics, Clinical Testing and API Petrochemicals Carbon Industrial Gases Polyolefins and Advanced Polymers MMA Monomers and Polymers

#### **Consolidated Statements of Operations**

	Exchange Rate (¥/\$)	105.4	112.1	108.7	120.2	(11.5)	-10%
	Naphtha Price (¥/kl)		37,900	34,700	42,800	(8,100)	-19%
						(Billions of Yen)	1
		1H	2H	FY2016	FY2015	Change	%
	Sales Revenue	1,586.3	1,789.8	3,376.1	3,543.4	(167.3)	-5%
Cor	Core Operating Income *1	136.3	171.2	307.5	300.4	7.1	2%
Itin	Special Items	(16.2)	(22.7)	(38.9)	(31.7)	(7.2)	
Continuing	Operating Income	120.1	148.5	268.6	268.7	(0.1)	-0%
0	Financial Income/Expenses	(8.5)	(1.8)	(10.3)	(15.9)	5.6	
er	(Dividend included above)	[2.7]	[1.2]	[3.9]	[5.5]	[(1.6)]	
Operations	(Foreign Exchange Gain/Loss included above)	[(4.6)]	[4.1]	[(0.5)]	[(5.5)]	[5.0]	
* suc	Earnings before Taxes	111.6	146.7	258.3	252.8	5.5	
N	Income Taxes	*3 (2.4)	(42.0)	(44.4)	(74.1)	29.7	
	Net Income from Continuing Operations	109.2	104.7	213.9	178.7	35.2	
	Net Income from Discontinued Operations	(0.1)	2.7	2.6	(73.8)	76.4	
	Net Income	109.1	107.4	216.5	104.9	111.6	
	Net Income Attributable to Owners of the Parent	79.2	77.1	156.3	51.4	104.9	204%
	Net Income Attributable to Non-Controlling Interests	29.9	30.3	60.2	53.5	6.7	

7.4

11.5

14.0 (Billions of Yen) 4.9

\*1 Equity income included.

\*2 Discontinued operations are not included.

Sales revenue and each staged gain/loss in the discontinued operations are as shown on the right.

\*3 Deferred tax assets relating to the terephtharic acid business transfer are recognized.

	(	,
	FY2016	FY2015
Sales Revenue	66.8	128.9
Core Operating Income	1.7	(6.2)
Operating Income	3.6	(69.8)
Earnings Before Taxes	2.3	(73.0)
Net Income	2.6	(73.8)

18.9

THE KAITEKI COMPANY

# Consolidated Sales Revenue and Core Operating Income by Business Segment

						(Billions of Yen)	
		1H	2H	FY2016	FY2015	Change	
Total Consolidated *2	Sales Revenue	1,586.3	1,789.8	3,376.1	3,543.4	(167.3)	
	Core Operating Income	136.3	171.2	307.5	300.4	7.1	
Electronics Applications	Sales Revenue	52.0	52.7	104.7	115.7	(11.0)	
	Core Operating Income	(0.6)	(2.3)	(2.9)	(1.0)	(1.9)	(a)
Functional Products	Sales Revenue	271.9	285.6	557.5	580.8	(23.3)	
Functional Floducts	Core Operating Income	23.5	25.0	48.5	43.3	5.2	(b)
Performance Chemicals	Sales Revenue	122.0	127.2	249.2	244.8	4.4	
Fenomiance Chemicais	Core Operating Income	16.7	16.3	33.0	31.7	1.3	(c)
Designed Materials	Sales Revenue	393.9	412.8	806.7	825.6	(18.9)	
Designed Materials	Core Operating Income	40.2	41.3	81.5	75.0	6.5	
Dharmasautiasla	Sales Revenue	204.1	219.8	423.9	425.7	(1.8)	
Pharmaceuticals	Core Operating Income	48.0	46.5	94.5	107.0	(12.5)	(d)
Diagnostics, Clinical	Sales Revenue	59.3	63.8	123.1	122.7	0.4	
Testing and API	Core Operating Income	1.0	2.9	3.9	5.2	(1.3)	(e)
Health Care	Sales Revenue	263.4	283.6	547.0	548.4	(1.4)	
Health Care	Core Operating Income	49.0	49.4	98.4	112.2	(13.8)	

\*1 All figures are approximation for reference purpose only.

\*2 Discontinued operations are not included.

#### Major reasons for the change:

- (a) Deficit increased due mainly to the impact of the yen's appreciation and lower sales prices in display materials.
- (b) Profit increased due to stronger sales of films for displays including *CLEARFIT*, higher sales and a drop in raw material prices of polyester film and a drop in raw material prices of films for food packing materials, despite the impact of the yen's appreciation and lower sales of fibers and textiles.
- (c) Profit increased due mainly to higher sales volumes of lithium-ion battery materials and *OPL film* and the effect of a newly consolidated subsidiary engages in food ingredients business, despite the impact of the yen's appreciation.
- (d) Profit decreased due to the negative impact of the NHI drug price revisions and no posting for this term of lump-sum royalty revenues from licensed-out products which were posted in FY2015 3Q, despite increased sales of priority products including *Simponi*, a rheumatoid arthritis treatment agent.
- (e) Profit decreased due mainly to the impact of the yen's appreciation and an increase in R&D expenses.

#### THE KAITEKI COMPANY

# Consolidated Sales Revenue and Core Operating Income by Business Segment (Continued)

						(Billions of Yen)
		1H	2H	FY2016	FY2015	Change
	Sales Revenue	105.1	147.6	252.7	311.3	(58.6)
Petrochemicals *2	Core Operating Income	(7.4)	10.4	3.0	8.0	(5.0)
	Sales Revenue	82.3	115.6	197.9	183.2	14.7
Carbon	Core Operating Income	0.6	3.2	3.8	4.9	(1.1)
Industrial Cases	Sales Revenue	265.5	309.1	574.6	587.1	(12.5)
Industrial Gases	Core Operating Income	24.4	27.7	52.1	44.8	7.3
	Sales Revenue	452.9	572.3	1,025.2	1,081.6	(56.4)
Chemicals *2	Core Operating Income	17.6	41.3	58.9	57.7	1.2
Polyolefins and	Sales Revenue	200.7	219.6	420.3	460.5	(40.2)
Advanced Polymers	Core Operating Income	14.2	18.4	32.6	36.4	(3.8)
MMA Monomers and	Sales Revenue	136.1	149.8	285.9	305.8	(19.9)
Polymers	Core Operating Income	16.7	22.6	39.3	20.0	19.3
Polymore	Sales Revenue	336.8	369.4	706.2	766.3	(60.1)
Polymers	Core Operating Income	30.9	41.0	71.9	56.4	15.5
Others	Sales Revenue	87.3	99.0	186.3	205.8	(19.5
	Core Operating Income	3.2	4.0	7.2	7.1	0.1
Corporato	Sales Revenue	-	-	-	-	
Corporate	Core Operating Income	(4.0)	(3.5)	(7.5)	(7.0)	(0.5)

\*1 All figures are approximation for reference purpose only.

\*2 Discontinued operations are not included.

#### Major reasons for the change:

- (a) Profit decreased due mainly to worsening petrochemical market conditions compared to the strong market conditions in FY2015 1Q, and a larger scale of scheduled maintenance and repairs.
- (b) Profit decreased due mainly to worsening market conditions for needle coke.
- (c) Profit increased due mainly to lower costs accompanying a drop in raw material and fuel costs

and the impact of a newly acquired business in the U.S. and a newly consolidated subsidiary of an Australian business.

- (d) Profit decreased due to a larger scale of scheduled maintenance and repairs.
- (e) Profit increased due mainly to firm market conditions of MMA in Asia, Europe and North America.

Inventory valuation gain/loss	1H	2H	FY2016	FY2015	Change
Chemicals (Petrochemicals) *2	(0.5)	3.6	3.1	(6.5)	9.6
Chemicals (Carbon)	(0.7)	1.5	0.8	(0.9)	1.7
Polymers	(4.1)	5.2	1.1	(13.4)	14.5
Total	(5.3)	10.3	5.0	(20.8)	25.8

(Billions of Yen)

### **Analysis of Core Operating Income**

						(Bi	illions of Yen)
	FY2016	FY2015	Change	Price	Volume	Fixed Cost	Others *1
Total Consolidated	307.5	300.4	7.1	(35.4)	3.2	21.0	18.3
Electronics Applications	(2.9)	(1.0)	(1.9)	(5.5)	0.8	3.5	(0.7)
Designed Materials	81.5	75.0	6.5	(9.0)	11.2	5.9	(1.6)
Healthcare	98.4	112.2	(13.8)	(14.9)	3.4	6.6	(8.9)
Chemicals *2	58.9	57.7	1.2	(4.7)	(11.6)	1.8	15.7
Polymers	71.9	56.4	15.5	(1.3)	(0.8)	3.1	14.5
Others	7.2	7.1	0.1	0.0	0.2	0.1	(0.2)
Corporate	(7.5)	(7.0)	(0.5)	0.0	0.0	0.0	(0.5)

\*1 Items included are impacts from inventory valuation gain/loss and differenses of equity income, etc.

\*2 Discontinued operations are not included.

Changes in exchange rates	(17.9)	(15.1)	(7.7)	-	4.9
Changes in foreig translation include	-	(11.1)			

#### **Consolidated Special Items**

				(Billions of Yen)
	4Q	FY2016	FY2015	Change
Total Special Items	(19.2)	(38.9)	(31.7)	(7.2)
Impairment loss	(5.2)	(15.0)	(13.6)	(1.4)
Environmental expenses	(6.8)	(6.8)	-	(6.8)
Loss on sale and disposal of fixed assets	(1.4)	(2.9)	(1.5)	(1.4)
Special retirement expenses	(0.4)	(2.5)	(15.5)	13.0
Losses during the break period of operation due to earthquake disaster	-	*1 <b>(2.3)</b>	-	(2.3)
Equity in loss of affiliates	(1.9)	(1.9)	-	(1.9)
Loss on sale of intercompany securities	(0.9)	(1.0)	(1.4)	0.4
Gain on sale of property, plant and equipment	0.2	0.9	3.5	(2.6)
Gain on step acquisitions	-	-	1.9	(1.9)
Others	(2.8)	*1 <b>(7.4)</b>	(5.1)	(2.3)

\*1 Including the impact of Kumamoto earthquake-related losses (4.0 billion yen). \*2 Discontinued operations are not included.

[Special Items by Business Segment]

Electronics Applications	(1.4)		(2.4)	(3.2)	0.8
Designed Materials	(2.7)	*1	(11.6)	(1.3)	(10.3)
Healthcare	(2.0)		(3.0)	(25.2)	22.2
Chemicals *2	(2.2)		(6.0)	1.0	(7.0)
Polymers	(3.2)		(6.8)	(3.4)	(3.4)
Others	(0.0)		(0.0)	0.0	(0.0)
Corporate	(7.7)		(9.1)	0.4	(9.5)

## **Consolidated Cash Flows**

Fry2016Fry2016Fry2015(Billions of Yen) $TargetronsNet cash provided by operating activities396.6299.6396.6402.2340.0Income before income taxes260.6179.7198.032.7114.0Depreciation and amortization174.0182.7174.0182.7180.0Change in investment activities(61.5)(9.2)37.6(9.2)37.6(9.2)28.0Others(61.5)(31.4)(61.5)(9.2)(66.0)(21.5)(24.0)(24.0)Capital expenditure(205.8)(218.9)(244.0)(24.0)(24.0)(24.0)Sale of assets37.076.3(12.0)(12.1)(12.0)(12.1)(12.1)(12.1)Interst bearing debts134.36.1(12.2)(13.4)(40.0)(12.5)(12.4)(40.0)Interst bearing debts134.36.1(12.0)(12.4)(46.7)4.0(40.0)Duidends, etc.(14.4)(40.9)"Adjusted cash flows" is calculated by excluding the following items respectively for convenience.(42.0)(42.1)Duidends, etc.(12.5)(10.2)(12.5)(10.2)"Adjusted cash flows from investment of surplus funds.Duidends, etc.(12.5)(10.2)(10.2)(12.5)(10.2)(12.5)Cash and cash equivalents at the beginning of the period267.1252.7Adjusted cash flows from investment of surplus funds.Duidends, etc.(12.5)(12.5)(10.2)<$		Based on statements of cash flows			Adjusted cash flows*				
FY2016FY2016FY2016FY2016FY2016FY2015FY2016FY20						(Billions of Yen)	<reference></reference>		
Income before income taxes2606179.7198.0Depreciation and amotization174.0182.7182.7180.0Change in operating receivables/payables32.7(69.0)32.711.428.0Change in Inventories(9.2)37.6(9.2)37.6(9.2)37.6Others(61.5)(31.4)(61.5)(9.2)(66.0)(240.0)Net cash used in investment activities(205.8)(218.9)(240.0)(244.0)Capital expenditure(205.8)(218.9)(244.0)4.0Sale of assets37.078.3(124.1)(46.7)4.0Investment and loans receivable, etc.107.565.5103.7214.9100.0Interest bearing debts134.36.1"Adjusted cash flows" is calculated by excluding the following items respectively for convenience.(40 of FY2016)abculuting cash flows from investment of surplus funds.Dividends, etc.(12.5)(12.5)(10.2)abculuing cash flows from investment of surplus funds.Increase (Decrease) in cash and cash equivalents108.924.6bccluding cash flows from investment of surplus funds.Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)Amounts of the influence(Billions of Yen)Increase of account receivables267.1252.7Amounts of the influence(Billions of Yen)Increase of account receivables(80.4)267.1252.7		FY2016	FY2015		FY2016	FY2015	FY2016 Forecast (announced		
Depreciation and amortization174.0182.7174.0182.7180.0Change in operating receivables/payables32.7(69.0)32.711.428.0Change in Inventories(9.2)37.6(9.2)37.6(9.2)37.6Others(61.5)(31.4)(61.5)(9.2)(66.0)Net cash used in investment activities(289.1)(234.1)(292.9)(187.3)(240.0)Capital expenditure(205.8)(218.9)(244.0)(244.0)(40.7)Sale of assets37.078.337.078.34.0Investment and loans receivable, etc.(120.3)(93.5)(124.1)(46.7)4.0Interest bearing debts134.36.1(40.9)**Adjusted cash flows" is calculated by excluding the following items respectively for convenience.:(40 of FY2016)a) Excluding cash flows from investment of surplus funds.(40 of FY2016)a) Excluding cash flows from investment of surplus funds.:(40 of FY2016)a) Excluding cash flows from investment of surplus funds.:(40 of FY2016)a) Excluding cash flows from investment of surplus funds.:::<	Net cash provided by operating activities	396.6	299.6		396.6	402.2	340.0		
Change in operating receivables/payables32.7(69.0)32.711.428.0Change in Inventories(9.2)37.6(9.2)(66.0)Others(61.5)(31.4)(61.5)(9.2)(66.0)Net cash used in investment activities(289.1)(234.1)(292.9)(187.3)(240.0)Capital expenditure(205.8)(218.9)(218.9)(244.0)Sale of assets37.078.337.078.34.0Investment and loans receivable, etc.(120.3)(93.5)(124.1)(46.7)4.0Free cash flow107.565.5103.7214.9100.0Net cash used in financing activities1.44(40.9)*"Adjusted cash flows" is calculated by excluding the following items respectively for convenience.Interest bearing debts134.36.1Additional acquisition of consolidated subsidiaries' stocks(48.8)(2.8)Dividends, etc.(20.5)(10.2)Increase (Decrease) in cash and cash equivalents108.924.6Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash	Income before income taxes	260.6	179.7		260.6	179.7	198.0		
Change in Inventories(9.2)37.628.0Others(61.5)(31.4)(61.5)(9.2)(66.0)Net cash used in investment activities(289.1)(234.1)(292.9)(187.3)(240.0)Capital expenditure(205.8)(218.9)(205.8)(218.9)(244.0)Sale of assets37.078.337.078.34.0Investment and loans receivable, etc.(120.3)(93.5)(124.1)(46.7)100.0Free cash flow107.565.5103.7214.9100.0Net cash used in financing activities1.4(40.9)*"Adjusted cash flows" is calculated by excluding the following items respectively for convenience. (4Q of FY2016)*"Adjusted cash flows from investment of surplus funds.Dividends, etc.(84.1)(44.2)(44.2)a) Excluding cash flows from investment of surplus funds.Increase (Decrease) in cash and cash equivalents108.924.6b) Excluding cash flows from investment of surplus funds.Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)Amounts of the influence (Billions of Yen)Cash and cash equivalents at the beginning of the period267.1252.7Amounts of the influence (Billions of Yen)	Depreciation and amortization	174.0	182.7		174.0	182.7	180.0		
Change in Inventories $(9.2)$ $37.6$ $(9.2)$ $37.6$ $(9.2)$ $37.6$ $(9.2)$ $37.6$ $(9.2)$ $(16.5)$ $(9.2)$ $(16.5)$ $(16.5)$ $(9.2)$ $(16.5)$ $(16.5)$ $(16.5)$ $(9.2)$ $(16.5)$ $(16.5)$ $(16.5)$ $(16.5)$ $(16.5)$ $(16.5)$ $(16.5)$ $(16.5)$ $(16.5)$ $(16.5)$ $(16.5)$ $(12.6)$ $(244.0)$ Capital expenditure $(205.8)$ $(218.9)$ $(205.8)$ $(218.9)$ $(244.0)$ $(244.0)$ Sale of assets $37.0$ $78.3$ $37.0$ $78.3$ $(216.7)$ $(216.7)$ $(216.7)$ Investment and loans receivable, etc. $(120.3)$ $(93.5)$ $(124.1)$ $(46.7)$ $4.0$ Net cash used in financing activities $114.4$ $(40.9)$ $4.0$ $100.0$ Interest bearing debts $134.3$ $6.1$ $(42.5)$ $103.7$ $214.9$ $100.0$ Interest bearing debts $134.3$ $6.1$ $(42.5)$ $(42.6)$ $(42.6)$ $(42.6)$ $(42.6)$ Dividends, etc. $(84.1)$ $(44.2)$ $(42.5)$ $(42.6)$ $(42$	Change in operating receivables/payables	32.7	(69.0)		32.7	11.4	28.0		
Net cash used in investment activities(289.1)(234.1)(292.9)(187.3)(240.0)Capital expenditure(205.8)(218.9)(205.8)(218.9)(244.0)Sale of assets37.078.3(214.1)(46.7)(40.9)Investment and loans receivable, etc.(120.3)(93.5)(124.1)(46.7)4.0Free cash flow107.565.5103.7214.9100.0Net cash used in financing activities1.4(40.9)*"Adjusted cash flows" is calculated by excluding the following items respectively for convenience. (4Q of FY2016) a) Excluding cash flows from investment of surplus funds. (4Q of FY2016) a) Excluding cash flows from investment of surplus funds. b) Excluding the influence by first-time adoption of IFRS regarding securitization.Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period262.5362.1	Change in Inventories	(9.2)	37.6		(9.2)	37.6	28.0		
Capital expenditure(2008)(2018)(2014)(2014)Sale of assets37.078.3(218.9)(244.0)Investment and loans receivable, etc.(120.3)(93.5)(124.1)(46.7)Free cash flow107.565.5103.7214.9100.0Net cash used in financing activities1.4(40.9)**Adjusted cash flows" is calculated by excluding the following items respectively for convenience.**Adjusted cash flows" is calculated by excluding the following items respectively for convenience.Interest bearing debts134.36.1**Adjusted cash flows from investment of surplus funds.Interest bearing debts(48.8)(2.8)a) Excluding cash flows from investment of surplus funds.Interest bearing debts(48.1)(44.2)a) Excluding cash flows from investment of surplus funds.Increase (Decrease) in cash and cash equivalents108.924.6b) Excluding the influence by first-time adoption of IFRS regarding securitization.Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)Amounts of the influence (Billions of Yen)Increase of account receivables(80.4)	Others	(61.5)	(31.4)		(61.5)	(9.2)	(66.0)		
Sale of assets37.078.3Investment and loans receivable, etc.(120.3)(93.5)(124.1)(46.7)Free cash flow107.565.5103.7214.9100.0Net cash used in financing activities1.4(40.9)**Adjusted cash flows" is calculated by excluding the following items respectively for convenience.Interest bearing debts134.36.1Additional acquisition of consolidated subsidiaries' stocks(48.8)(2.8)Dividends, etc.(84.1)(44.2)Increase (Decrease) in cash and cash equivalents108.924.6Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)Cash and cash equivalents at the beginning of the period267.1252.7Corb and each equivalents at the beginning of the period267.1252.7Corb and each equivalents at the beginning of the period267.1252.7Corb and each equivalents at the beginning of the period267.1252.7Corb and each equivalents at the beginning of the period267.1252.7Corb and each equivalents at the beginning of the period267.1252.7Corb and each equivalents at the beginning of the period267.1252.7Corb and each equivalents at the beginning of the period267.1252.7Corb and each equivalents at the beginning of the period267.1252.7Corb and each equivalents at the beginning of the period267.1267.1Corb and each equivalent at the each of the period267.1267.1Corb	Net cash used in investment activities	(289.1)	(234.1)		(292.9)	(187.3)	(240.0)		
Investment and loans receivable, etc.(120.3)(93.5)(124.1)(46.7)4.0Free cash flow107.565.5103.7214.9100.0Net cash used in financing activities1.4(40.9)*"Adjusted cash flows" is calculated by excluding the following items respectively for convenience. (4Q of FY2016)*"Adjusted cash flows " is calculated by excluding the following items respectively for convenience. (4Q of FY2016)Interest bearing debts(48.8)(2.8)a) Excluding cash flows from investment of surplus funds. (4Q of FY2015)Increase (Decrease) in cash and cash equivalents108.924.6a) Excluding cash flows from investment of surplus funds. (4Q of FY2015)Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)a) Excluding securitization.Cash and cash equivalents at the beginning of the period267.1252.7Amounts of the influence (Billions of Yen) Increase of account receivables(80.4)	Capital expenditure	(205.8)	(218.9)		(205.8)	(218.9)	(244.0)		
Investment and loans receivable, etc.(120.3)(93.5)(124.1)(46.7)Free cash flow107.565.5103.7214.9100.0Net cash used in financing activities1.4(40.9)*"Adjusted cash flows" is calculated by excluding the following items respectively for convenience.Interest bearing debts134.36.1(42.9)*"Adjusted cash flows" is calculated by excluding the following items respectively for convenience.Outdends, etc.(84.1)(44.2)(44.2)*"Adjusted cash flows from investment of surplus funds.Increase (Decrease) in cash and cash equivalents108.924.6a) Excluding cash flows from investment of surplus funds.Effect of exchange rate changes and change in scope of consolidation267.1252.7Amounts of the influence (Billions of Yen)Cash and cash equivalents at the beginning of the period263.5263.1263.1263.1	Sale of assets	37.0	78.3		37.0	78.3	4.0		
Net cash used in financing activities1.4(40.9)Interest bearing debts134.36.1Additional acquisition of consolidated subsidiaries' stocks(48.8)(2.8)Dividends, etc.(84.1)(44.2)Increase (Decrease) in cash and cash equivalents108.924.6Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)Cash and cash equivalents at the beginning of the period267.1252.7Corb and cash equivalents at the ord of the period263.5263.5	Investment and loans receivable, etc.	(120.3)	(93.5)		(124.1)	(46.7)	4.0		
Interest bearing debts134.36.1Additional acquisition of consolidated subsidiaries' stocks(48.8)(2.8)Dividends, etc.(84.1)(44.2)Increase (Decrease) in cash and cash equivalents108.924.6Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period263.5267.1Cash and cash equivalents at the beginning of the period263.5267.1	Free cash flow	107.5	65.5		103.7	214.9	100.0		
Interest bearing debts134.36.1Additional acquisition of consolidated subsidiaries' stocks(48.8)(2.8)Dividends, etc.(44.2)(44.2)Increase (Decrease) in cash and cash equivalents108.924.6Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period267.1252.7Cash and cash equivalents at the beginning of the period263.5267.1	Net cash used in financing activities	1.4	(40.9)		*"Adjusted cash	flows" is calcula	ted by excluding	the following items	
Additional acquisition of consolidated subsidiaries' stocks (48.8) (2.8)   Dividends, etc. (84.1) (44.2)   Increase (Decrease) in cash and cash equivalents 108.9 24.6   Effect of exchange rate changes and change in scope of consolidation (12.5) (10.2)   Cash and cash equivalents at the beginning of the period 267.1 252.7   Corth and cash equivalents at the out of the period 363.5 367.1	Interest bearing debts	134.3	6.1		respectively for c		, ,	0	
Dividends, etc.(84.1)(44.2)(4Q of FY2015)Increase (Decrease) in cash and cash equivalents108.924.6(4Q of FY2015)Effect of exchange rate changes and change in scope of consolidation(12.5)(10.2)(10.2)Cash and cash equivalents at the beginning of the period267.1252.7Amounts of the influence (Billions of Yen)Cash and cash equivalents at the ord of the period263.5263.1267.1267.1	Additional acquisition of consolidated subsidiaries' stocks	(48.8)	(2.8)			h flows from inve	estment of surplu	s funds	
Increase (becrease) in cash and cash equivalents 108.9 24.6 b) Excluding the influence by first-time adoption of IFRS   Effect of exchange rate changes and change in scope of consolidation (12.5) (10.2) b) Excluding the influence by first-time adoption of IFRS   Cash and cash equivalents at the beginning of the period 267.1 252.7 Amounts of the influence (Billions of Yen)   Increase of account receivables (80.4)	Dividends, etc.	(84.1)	(44.2)		, <b>.</b> .				
Effect of exchange rate changes and change in scope of consolidation (12.5) (10.2)   Cash and cash equivalents at the beginning of the period 267.1 252.7   Cash and cash equivalents at the ord of the period 363.5 267.1	Increase (Decrease) in cash and cash equivalents	108.9	24.6						
Cash and cash equivalents at the ord of the period [207.1] 252.7 Increase of account receivables (80.4)	Effect of exchange rate changes and change in scope of consolidation	(12.5)	(10.2)						
Cash and cash aguivalents at the and of the period	Cash and cash equivalents at the beginning of the period	267.1	252.7	Amounts of the influence (Billions of Yen)					
	Cash and cash equivalents at the end of the period	363.5	267.1			count receivabl	<b>`</b>		

CF for operating activities

CF for financing activities

Change in cash and cash equivalents

(102.6)

102.6

(Billions of Yen)

## **Consolidated Statements of Financial Positions**

	Mar. 31, 2017	Mar. 31, 2016	Change
Cash and cash equivalents	363.5	267.1	96.4
Trade receivables	776.2	769.1	7.1
Inventories	538.1	549.5	(11.4)
Other current assets	290.6	271.0	19.6
Total current assets	1,968.4	1,856.7	111.7
Tangible and Intangible fixed assets	1,658.9	1,599.0	59.9
Goodwill	313.0	267.9	45.1
Investment and other non-current assets	523.2	500.2	23.0
Total non-current assets	2,495.1	2,367.1	128.0
Total assets	4,463.5	4,223.8	239.7

	Mar. 31, 2017	Mar. 31, 2016	Change
Interest-bearing debts	1,693.7	1,579.6	114.1
Trade payables	437.9	394.1	43.8
Other liabilities	633.7	653.9	(20.2)
Total liabilities	2,765.3	2,627.6	137.7
Shareholders' equity	1,089.5	962.2	127.3
Other components of equity	1.9	10.0	(8.1)
Total equity attributable to owners of the parent	1,091.4	972.2	119.2
Non-controlling interests	606.8	624.0	(17.2)
Total equity	1,698.2	1,596.2	102.0
Total liabilities and equity	4,463.5	4,223.8	239.7
Net interest-bearing debts (*1)	1,155.9	1,134.4	21.5
Net D/E ratio	1.06	1.17	(0.11)
Ratio of equity attributable to owners of the parent to total assets	24.5%	23.0%	1.5%

\*1. Net interest-bearing debts

= interest bearing debts (1,664.0 billion yen)

- {cash and cash equivalents (327.7 billion yen) + investments of surplus funds (94.9 billion yen)}

## **Consolidated Financial Results Forecasts for FY2017**

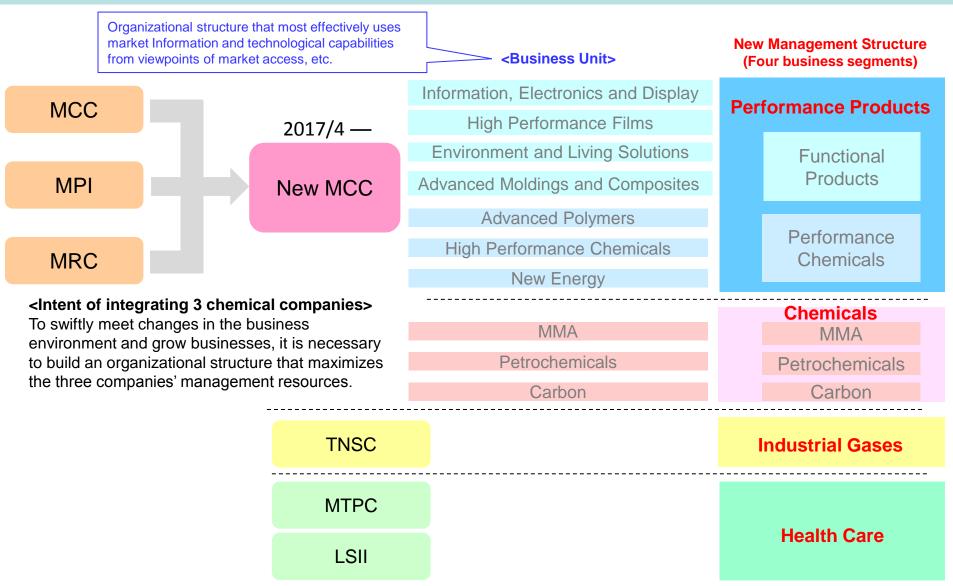
#### **Business Segments: Changes from Fiscal 2017**

MCHC integrated three consolidated subsidiaries — MCC, MPI, and MRC — into one company, and established the new MCC on April 1, 2017. This was executed in consideration of the need to establish an organizational structure that can take full advantage of each company's resources and strengths to address a rapidly changing business climate and drive the expansion of their business toward accomplishing the goals of the five-year medium-term management plan, *APTSIS 20*, which began in fiscal 2016.

Taking this opportunity, MCHC, the holding company of the four operating companies — the new MCC, MTPC, LSII, and TNSC — stepped up its efforts to plan medium-term strategies for each of four business segments (performance products, chemicals, industrial gases, and health care) in which four operating companies are mainly engaged, enhance monitoring of *APTSIS 20*, and shift to a management system that accelerate growth strategies for these four business segments.

Based on the above factors, the current business segments were reviewed and reclassified into "Performance Products," "Chemicals," "Industrial gases," and "Health Care."

## **Business Segments: Changes from Fiscal 2017**



## **Business Segments: Business Unit**

Business	Business	Sub Business Seg	Iment	
Domain	Segment			(Business Unit)
Performance Products	Performance Products	Functional Products	Electronics and Displays	Optical films, Electronics and displays, Acetyl
			High Performance Films	Packaging films, Industrial films, Hostaphan
			Environment and Living Solutions	Aqua and separator solutions, Infrastructure solutions and agricultural materials
			Advanced Moldings and Composites	High performance engineering plastics, Fibers and textile, Carbon fiber and composite materials, Functioinal moldings and composites, Almina fiber and Light metal products
		Performance Chemicals	Advanced Polymers	Performance polymers, Engineering polymers, Sustainable resources
			High Performance Chemicals	Performance chemicals, Performance materials, Food ingredients
			New Energy	Lithium ion battery materials, Energy transduction device materials
Industrial Materials	Chemicals	MMA	MMA	MMA
		Petrochemicals	Petrochemicals	Basic petrochemicals, Polyolefins, Basic chemical derivatives
		Carbon	Carbon	Carbon
	Industrial Gases			Industrial gases
Health Care	Health Care			Pharmaceuticals
				Life science

#### THE KAITEKI COMPANY

# Business Segments: Comparison Chart (FY2016 Basis)

		(Billions of Yen)	New Business Segments		
Current Business Segments	Sales Revenue	Core Operating Income			
Electronics Applications	104.7	(2.9)	Performance Products	1,071.9	94.2
Designed Materials	806.7	81.5	(a)		
Functional Products	557.5	48.5	(b) Functional Products	744.6	62.2
Performance Chemicals	249.2	33.0	(c)		
Health Care	547.0	98.4	(d)		
Pharmaceuticals	423.9	94.5	(e) Performance Chemicals	327.3	32.0
Diagnostics, Clinical Testing and API	123.1	3.9	(f)	527.5	52.0
Chemicals	1,025.2	58.9	→ (g)		
Petrochemicals	252.7	3.0	Chemicals	984.1	62.6
Carbon	197.9	3.8	(h) MMA	285.9	37.9
Industrial Gases	574.6	52.1		500.3	20.9
Polymers	706.2	71.9		500.5	20.9
Polyolefins and Advanced Polymers	420.3	32.6	Carbon	197.9	3.8
MMA Monomers and Polymers	285.9	39.3	Industrial Gases	574.6	52.1
Others	186.3	7.2	Health Care	547.0	98.4
Corporate	-	(7.5)	(j) Others	198.5	0.2
Total	3,376.1	307.5		198.5	0.2
			Total	3,376.1	307.5

\*All figures are approximation for reference purpose only.

(a) Display materials, OPC drums and toner, recording media, etc.

(b) Functional products business other than (i)

(c) PVOH, OPL film, etc.

(d) LED materials, gallium nitride, etc.

(e) Coating materials, battery materials, inorganic chemicals, food ingredients, etc.

(f) Phenol, polycarbonate, performance polymers, etc.

(g) ABS resins

(h) MMA/ PMMA

(h) Polyolefins

(i) Some of overseas sales companies

#### **Consolidated Statements of Operations**

	Exchange Rate (¥/\$)	110.0	110.0	110.0	108.7	1.3	1%
	Naphtha Price (¥/kl)	42,000	42,000	42,000	34,700	7,300	21%
						(Billions of Yen)	
		1H	2H	FY2017 Forecast	FY2016 Actual	Change	%
	Sales Revenue	1,800.0	1,850.0	3,650.0	3,376.1	273.9	8%
Continuing Operations	Core Operating Income	157.0	153.0	310.0	307.5	2.5	1%
nu	Special Items	(5.0)	(15.0)	(20.0)	(38.9)	18.9	
ing (	Operating Income	152.0	138.0	290.0	268.6	21.4	8%
be	Financial Income/Expenses	(6.5)	(6.5)	(13.0)	(10.3)	(2.7)	
ratio	Earnings before Taxes	145.5	131.5	277.0	258.3	18.7	7%
su	Income Taxes	(41.5)	(38.5)	(80.0)	(44.4)	(35.6)	
	Net Income from Continuing Operations	104.0	93.0	197.0	213.9	(16.9)	
	Net Income from Discontinued Operations *	-	-	-	2.6	(2.6)	
	Net Income	104.0	93.0	197.0	216.5	(19.5)	∆9%
	Net Income Attributable to Owners of the Parent	74.0	63.0	137.0	156.3	(19.3)	∆12%
	Net Income Attributable to Non-Controlling Interests	30.0	30.0	60.0	60.2	(0.2)	

\* Figures relating to the terephthalic acid business in India and China are recognized as "net income from discontinued operations."

THE KAITEKI COMPANY

# Consolidated Sales Revenue and Core Operating Income by Business Segment

						(Billions of Yen
		1H	2Н	FY2017 Forecast	FY2016 Actual (reclassification)	Change
Total Consolidated	Sales Revenue	1,800.0	1,850.0	3,650.0	*2 3,376.1	273.9
Total Consolidated	Core Operating Income	157.0	153.0	310.0	<sup>2</sup> 307.5	2.5
Functional Products	Sales Revenue	375.0	395.0	770.0	744.6	25.4
	Core Operating Income	28.0	30.0	58.0	62.2	(4.2
Performance Chemicals	Sales Revenue	180.0	180.0	360.0	327.3	32.7
Performance Chemicais	Core Operating Income	14.0	14.0	28.0	32.0	(4.0
Performance Products	Sales Revenue	555.0	575.0	1,130.0	1,071.9	58.1
Performance Products	Core Operating Income	42.0	44.0	86.0	94.2	(8.2
ММА	Sales Revenue	170.0	150.0	320.0	285.9	34.1
IVIMA	Core Operating Income	34.0	12.0	46.0	37.9	8.1
Detrochomicale	Sales Revenue	270.0	290.0	560.0	*2 500.3	59.7
Petrochemicals	Core Operating Income	12.0	16.0	28.0	20.9	7.1
Carban	Sales Revenue	120.0	110.0	230.0	197.9	32.1
Carbon	Core Operating Income	2.5	1.5	4.0	3.8	0.2
Chamiagle	Sales Revenue	560.0	550.0	1,110.0	984.1	125.9
Chemicals	Core Operating Income	48.5	29.5	78.0	*2 62.6	15.4
Inductrial Cases	Sales Revenue	295.0	315.0	610.0	574.6	35.4
Industrial Gases	Core Operating Income	25.5	28.5	54.0	52.1	1.9
Uselth Care	Sales Revenue	275.0	295.0	570.0	547.0	23.0
Health Care	Core Operating Income	43.0	51.0	94.0	98.4	(4.4
Othere	Sales Revenue	115.0	115.0	230.0	198.5	31.5
Others	Core Operating Income	(2.0)	0.0	(2.0)	0.2	(2.2

\*1 All figures are approximation for explanation purpose only.

\*2 Discontinued operations are not included.

## **Consolidated Cash Flows Targets**

	Adjusted by exclu from inves surplus	tment of
		(Billions of Yen)
	FY2017 Target	FY2016 Actual
Net cash provided by operating activities	350.0	396.6
Income before income taxes	277.0	260.6
Depreciation and amortization	182.0	174.0
Change in working capital	(44.0)	23.5
Others	(65.0)	(61.5)
Net cash used in investment activities	(250.0)	(292.9)
Capital expenditure	(249.0)	(205.8)
Investment and loans receivables, etc.	(1.0)	(87.1)
Free cash flow	100.0	103.7

## **Dividend Forecast**

MCHC's basic policy of returning profits to shareholders emphasizes enhancement of shareholder value by increasing the value of the company. Therefore, using 30% of the medium-term level as a guideline for the consolidated dividend payout ratio, MCHC will make stable dividend payments, while maintaining sufficient internal reserves as resources to develop future businesses.

Under this policy, and after a comprehensive review of issues such as the need to fortify its financial position and an emphasis on returning profits to shareholders based on recent trends in performance, MCHC will increase its year-end dividend forecast for the fiscal year ended March 2017 by ¥2, and make the revision to ¥12. As a result, the annual dividend forecast will be increased by ¥5 per share from the previous fiscal year, to ¥20.

		IFR	S		J-GAAP	
		FY2017 Forecast	FY2016 Forecast	FY2015 Actual	FY2014 Actual	FY2013 Actual
	Interim	12	8	7	6	6
Cash dividends per share (Yen)	Year-end	12	* 12	8	7	6
	Total (Annual)	24	20	15	13	12
Net income per share (Yen)	Year-end	¥95.19	¥106.73	¥31.70	¥41.40	¥21.89
Consolidated dividend pay out ratio	Total (Annual)	25.2%	18.7%	47.3%	31.4%	54.8%

\*Year-end dividend for fiscal 2016 will be set at the meeting of the Board of Directors to be held on May 17.

## References

#### THE KAITEKI COMPANY

## Number of Subsidiaries and Affiliates, Overseas Sales Revenue and Core Operating Income

(Number of companies)

	IFI	RS	J-GAA			
The number of Subsidiaries and affiliates of MCHC	FY2016	FY2015	FY2015	FY2014	FY2013	FY2012
MCHC and affiliated companies	731	753	749	762	450	429
Companies in consolidation scope	592	600	598	601	414	392
MCHC and consolidated subsidiaries	510	522	522	523	361	340
Japan	193	200	200	210	135	130
Overseas	317	322	322	313	226	210
Joint Operation	4	2				
Affiliates accounted for by the equity method	78	76	76	78	53	52

#### Net sales and operating income by geographic area

based on location of MCHC and consolidated subsidiaries

Japan	2,408.6	2,499.0	2,553.1	2,534.7	2,415.1	2,320.5	
Overseas *1	967.5	1,044.4	*2 1,270.0	1,121.6	1,083.7	768.1	
Sales revenue	3,376.1	3,543.4	3,823.1	3,656.3	3,498.8	3,088.6	
Japan	211.5	232.4	225.8	140.6	103.7	78.8	
Overseas *1	96.0	68.0	*2 54.2	25.1	6.8	11.4	
Core Operating Income (J-GAAP: Operating Income)	307.5	300.4	280.0	165.7	110.5	90.2	

#### Overseas sales based on location of customers

Overseas sales revenue	*1	1,333.6	1,430.0	*2 1,659.2	2 1,519.1	1,457.1	1,107.6
Overseas sales revenue	1	39.5%	40.4%	*3 43.4	% 41.5%	*4 41.6%	35.9%

\*1 Discontinued operations are not included.

\*3 Overseas sales ratio, excluding impacts of 78.5 billion yen associated with a change in accounting periods in some of overseas subsidiaries is 41.3%.

\*4 Overseas sales ratio, excluding impacts of 145.6 billion yen associated with a change in accounting periods in some of overseas subsidiaries is 39.5%.

\*2 Discontinued operations are included as shown below.

(Billions of Yen)

(Billions of Yen)

By geographic area		,
Sales revenue	Overseas	131.4
Core Operating Income	Overseas	(9.1)
By location of customers		
Sales revenue		131.4

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## **Statements of Operations [Quarterly Data]**

	Exchange Rate (¥/\$)	121.7	121.7	121.4	115.7	107.9	102.9	111.3	112.9
	Naphtha Price (¥/kl)		47,200	40,900	34,300	31,600	31,300	34,000	41,800
			FY2	015			FY2	``	lions of Yen)
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
	Sales Revenue	890.8	887.1	903.5	862.0	794.6	791.7	864.3	925.5
S	Core Operating Income *1	78.0	75.6	95.2	51.6	70.6	65.7	93.8	77.4
nti	Special Items	0.5	(0.7)	(19.4)	(12.1)	(5.6)	(10.6)	(3.5)	(19.2)
Continuing Operations	Operating Income	78.5	74.9	75.8	39.5	65.0	55.1	90.3	58.2
ОВ	Financial Income/Expenses	0.1	(5.9)	(2.6)	(7.5)	(5.0)	(3.5)	3.3	(5.1)
pe	(Dividend included above)	3.3	0.2	1.9	0.1	2.5	0.2	1.0	0.2
rat	(Foreign Exchange Gain/Loss included above)	0.8	(2.3)	(0.3)	(3.7)	(3.9)	(0.7)	5.5	(1.4)
ions	Earnings before Taxes	78.6	69.0	73.2	32.0	60.0	51.6	93.6	53.1
	Income Taxes	(27.5)	(17.6)	(23.2)	(5.8)	(19.9)	17.5	(25.6)	(16.4)
	Net Income from Continuing Operations	51.1	51.4	50.0	26.2	40.1	69.1	68.0	36.7
	Net Income from Discontinued Operations *2	(0.1)	(5.7)	(65.8)	(2.2)	1.1	(1.2)	2.7	(0.0)
Net	Income	51.0	45.7	(15.8)	24.0	41.2	67.9	70.7	36.7
	Net Income Attributable to Owners of the Parent	35.8	32.0	(33.9)	17.5	26.1	53.1	52.6	24.5
	Net Income Attributable to Non-Controlling Interests	15.2	13.7	18.1	6.5	15.1	14.8	18.1	12.2
	*1 Equity income included	4.3	3.7	2.8	3.2	4.0	3.4	5.4	6.1

\*2 Figures relating to the terephthalic acid business in India and China are recognized as "net income from discontinued operations."

THE KAITEKI COMPANY

## Sales Revenue and Core Operating Income by Business Segment [Quarterly Data]

	Exchange Rate (¥/\$)	121.7	121.7	121 4	115 7	107.0	102.0	111.2	112.0
				121.4	115.7	107.9	102.9	111.3	112.9
	Naphtha Price (¥/kl)	48,800	47,200	40,900	34,300	31,600	31,300	34,000	41,800
								``	ions of Yen)
			FY2	015			FY2	016	
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Total Consolidated *2	Sales Revenue	890.8	887.1	903.5	862.0	794.6	791.7	864.3	925.5
	Core Operating Income	78.0	75.6	95.2	51.6	70.6	65.7	93.8	77.4
Electronics Applications	Sales Revenue	29.4	29.0	28.9	28.4	26.0	26.0	26.2	26.5
Electronics Applications	Core Operating Income	(0.3)	0.9	(0.2)	(1.4)	(0.3)	(0.3)	(0.7)	(1.6)
Functional Products	Sales Revenue	142.0	146.1	149.2	143.5	135.2	136.7	139.3	146.3
	Core Operating Income	9.0	12.0	13.1	9.2	11.5	12.0	13.5	11.5
Performance Chemicals	Sales Revenue	59.8	60.6	61.7	62.7	62.1	59.9	63.1	64.1
r enormance chemicais	Core Operating Income	7.5	8.1	8.7	7.4	9.0	7.7	10.2	6.1
Designed Materials	Sales Revenue	201.8	206.7	210.9	206.2	197.3	196.6	202.4	210.4
Designed Materials	Core Operating Income	16.5	20.1	21.8	16.6	20.5	19.7	23.7	17.6
Pharmacouticals	Sales Revenue	98.7	103.3	132.5	91.2	105.5	98.6	120.2	99.6
Pharmaceuticals	Core Operating Income	25.2	24.5	45.6	11.7	29.0	19.0	32.0	14.5
Diagnostics, Clinical	Sales Revenue	30.4	29.8	30.8	31.7	29.4	29.9	31.3	32.5
Testing and API	Core Operating Income	1.9	0.4	2.0	0.9	0.1	0.9	1.0	1.9
Health Care	Sales Revenue	129.1	133.1	163.3	122.9	134.9	128.5	151.5	132.1
	Core Operating Income	27.1	24.9	47.6	12.6	29.1	19.9	33.0	16.4

\*1 All figures are approximation for reference purpose only.

\*2 Discontinued operations are not included.

THE KAITEKI COMPANY

## Sales Revenue and Core Operating Income by Business Segment [Quarterly Data] (Continued)

	Exchange Rate (¥/\$)	121.7	121.7	121.4	115.7	107.9	102.9	111.3	112.9
	Naphtha Price (¥/kl)	48,800	47,200	40,900	34,300	31,600	31,300	34,000	41,800
								(Bill	ions of Yen)
			FY2	015			FY2	016	
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Petrochemicals *2	Sales Revenue	88.0	82.8	75.4	65.1	53.1	52.0	69.3	78.3
Fellochemicais 2	Core Operating Income	8.6	1.6	0.4	(2.6)	(2.2)	(5.2)	2.6	7.8
Carbon	Sales Revenue	49.6	45.7	45.2	42.7	39.7	42.6	46.3	69.3
Carbon	Core Operating Income	2.7	1.4	1.7	(0.9)	(0.1)	0.7	1.4	1.8
Industrial Gases	Sales Revenue	138.9	141.8	146.0	160.4	131.7	133.8	145.5	163.6
industrial Gases	Core Operating Income	10.4	10.6	13.6	10.2	11.5	12.9	14.5	13.2
Chemicals *2	Sales Revenue	276.5	270.3	266.6	268.2	224.5	228.4	261.1	311.2
	Core Operating Income	21.7	13.6	15.7	6.7	9.2	8.4	18.5	22.8
Polyolefins and Advanced	Sales Revenue	121.4	113.8	112.4	112.9	101.1	99.6	105.5	114.1
Polymers	Core Operating Income	7.4	8.8	9.0	11.2	6.0	8.2	8.6	9.8
MMA Monomers and	Sales Revenue	85.3	81.5	70.6	68.4	68.9	67.2	72.2	77.6
Polymers	Core Operating Income	6.7	7.1	1.0	5.2	7.4	9.3	11.6	11.0
<b>Bolymore</b>	Sales Revenue	206.7	195.3	183.0	181.3	170.0	166.8	177.7	191.7
Polymers	Core Operating Income	14.1	15.9	10.0	16.4	13.4	17.5	20.2	20.8
Othara	Sales Revenue	47.3	52.7	50.8	55.0	41.9	45.4	45.4	53.6
Others	Core Operating Income	0.6	2.4	1.5	2.6	0.8	2.4	0.7	3.3
Correcto	Sales Revenue	-	-	-	-	-	-	-	-
Corporate	Core Operating Income	(1.7)	(2.2)	(1.2)	(1.9)	(2.1)	(1.9)	(1.6)	(1.9)

\*1 All figures are approximation for reference purpose only.

\*2 Discontinued operations are not included.

## **Special Items [Quarterly Data]**

							(Billio	ns of Yen)
		FY2	015		FY2016			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Total Special Items	0.5	(0.7)	(19.4)	(12.1)	(5.6	(10.6)	(3.5)	(19.2)
Impairment loss	(0.0)	(2.6)	(4.4)	(6.6)	(0.9)	(7.0)	(1.9)	(5.2)
Environmental expenses	-	-	-	-			-	(6.8)
Loss on sale and disposal of fixed assets	(0.1)	(0.1)	(0.5)	(0.8)	(0.2	(0.8)	(0.5)	(1.4)
Special retirement expenses	(0.0)	-	(15.1)	(0.4)	(1.4)	(0.6)	(0.1)	(0.4)
Losses during the break period of operation due to earthquake disaster	-	-	-	-	*1 (1.9)	*1 (0.4)	-	-
Equity in loss of affiliates	-	-	-	-			-	(1.9)
Loss on sale of intercompany securities	(1.4)	-	-	-			(0.1)	(0.9)
Gain on sale of property, plant and equipment	0.4	0.6	2.2	0.3	0.6	-	0.1	0.2
Gain on step acquisitions	1.9	-	-	-		-	-	-
Others	(0.3)	1.4	(1.6)	(4.6)	*1 (1.8	*1 (1.8)	(1.0)	(2.8)

\*1 Including the impact of Kumamoto earthquake-related losses (4.0 billion yen).

\*2 Discontinued operations are not included.

[Special Items by Business Segment]

Electronics Applications	(0.0)	(2.0)	(0.3)	(0.9)	((
Designed Materials	(0.1)	1.5	(2.7)	(0.0)	()
Healthcare	0.1	(0.5)	(15.5)	(9.3)	(
Chemicals *2	0.4	-	0.7	(0.1)	((
Polymers	(0.3)	0.3	(1.6)	(1.8)	(:
Others	-	-	-	0.0	
Corporate	0.4	-	-	-	((

(0.6)	(0.2)	(0.2)	(1.4)
(2.9)	(4.9)	(1.1)	(2.7)
0.1	(1.0)	(0.1)	(2.0)
(0.3)	(3.3)	(0.2)	(2.2)
(1.9)	(0.0)	(1.7)	(3.2)
-	(0.0)	(0.0)	(0.0)
(0.0)	(1.2)	(0.2)	(7.7)

#### THE KAITEKI COMPANY

### Sales Revenue and Core Operating Income by New Business Segment [FY2016 Quarterly Data]

								(Billions of Yen)
		1Q	2Q	1H	3Q	4Q	2H	FY2016 Actual
Total Concelidated	Sales Revenue	794.6	791.7	1,586.3	864.3	925.5	1,789.8	3,376.1
Total Consolidated	Core Operating Income	70.6	65.7	136.3	93.8	77.4	171.2	307.5
Functional Products	Sales Revenue	182.0	183.4	365.4	187.4	191.8	379.2	744.6
Functional Products	Core Operating Income	16.1	16.0	32.1	17.6	12.5	30.1	62.2
Performance Chemicals	Sales Revenue	80.0	78.5	158.5	79.8	89.0	168.8	327.3
Periormance Chemicais	Core Operating Income	8.2	6.6	14.8	9.0	8.2	17.2	32.0
Performance Products	Sales Revenue	262.0	261.9	523.9	267.2	280.8	548.0	1,071.9
Performance Products	Core Operating Income	24.3	22.6	46.9	26.6	20.7	47.3	94.2
MMA	Sales Revenue	68.9	67.2	136.1	72.2	77.6	149.8	285.9
	Core Operating Income	6.7	9.1	15.8	11.1	11.0	22.1	37.9
Petrochemicals	Sales Revenue	113.1	110.4	223.5	133.2	143.6	276.8	500.3
Fellochemicals	Core Operating Income	0.4	(0.2)	0.2	8.2	12.5	20.7	20.9
Carbon	Sales Revenue	39.7	42.6	82.3	46.3	69.3	115.6	197.9
Carbon	Core Operating Income	(0.1)	0.7	0.6	1.4	1.8	3.2	3.8
Chemicals	Sales Revenue	221.7	220.2	441.9	251.7	290.5	542.2	984.1
Chemicals	Core Operating Income	7.0	9.6	16.6	20.7	25.3	46.0	62.6
Industrial Gases	Sales Revenue	131.7	133.8	265.5	145.5	163.6	309.1	574.6
industrial Gases	Core Operating Income	11.5	12.9	24.4	14.5	13.2	27.7	52.1
Health Care	Sales Revenue	134.9	128.5	263.4	151.5	132.1	283.6	547.0
	Core Operating Income	29.1	19.9	49.0	33.0	16.4	49.4	98.4
Others	Sales Revenue	44.3	47.3	91.6	48.4	58.5	106.9	198.5
	Core Operating Income	(1.3)	0.7	(0.6)	(1.0)	1.8	0.8	0.2

\*All figures are approximation for reference purpose only..

#### THE KAITEKI COMPANY

# Capital Expenditure, Depreciation & Amortization, R&D Expenses, and Number of Employees by Business Segment

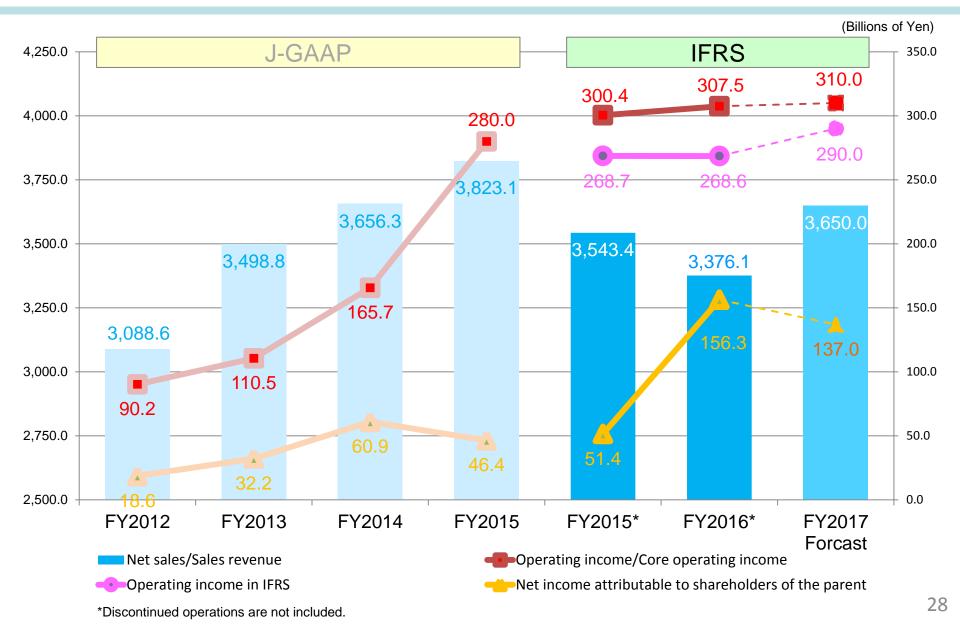
(Billions of Yen, untill otherwise noted)									
	Capital Expenditure	Depreciation& Amortization	R&D Expenses	Number of Employees					
	FY2016 Actual	FY2016 Actual	FY2016 Actual	FY2016 Actual					
Electronics Applications	6.3	5.2	6.1	2,471					
Designed Materials	49.8	42.0	22.1	18,405					
Health Care	28.5	17.9	77.0	12,116					
Chemicals	70.2	65.8	4.7	19,340					
Polymers	47.0	38.5	12.1	8,285					
Others	4.3	2.9	0.3	8,016					
Corporate	0.4	1.6	4.0	658					
Total	206.5	173.9	126.3	69,291					

FY2017 Forecast	249.0	182.0	140.0
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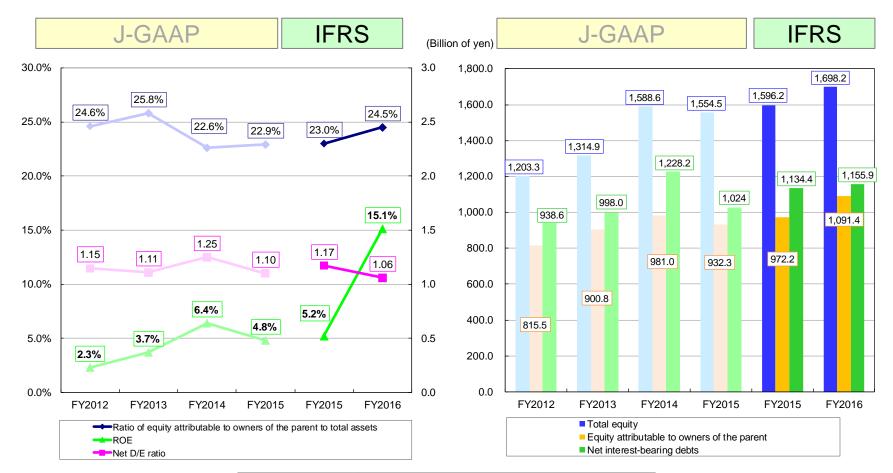
Capital expenditure, depreciation & amortization, R&D Expenses:

Amounts by segment for next fiscal year (FY2017 forecast and FY2016 results) will be disclosed when FY2017 Q1 results are announced.

#### **Trend of Performance**



#### **Trend of Financial Position**



J-GAAP	IFRS
Net assets	Total equity
Shareholder's equity	Equity attributable to owners of the parent
Net interest-bearing debts	Net interest-bearing debts
Shareholder's equity ratio	Ratio of equity attributable to owners of the parent to total assets
Net D/E ratio	Net D/E ratio

The forward-looking statements are based largely on company expectations and information available as of the date hereof, and are subject to risks and uncertainties, which may be beyond company control.

Actual results could differ materially due to numerous factors, including without limitation, marketing conditions and the effects of industry competition.