Operational Summary

for the First Half of the Fiscal Year Ending March 31, 2016

November 5, 2015

Mitsubishi Chemical Holdings Corporation

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List of Abbreviations

FY2015: April 1, 2015 - March 31, 2016

1st Quarter ("1Q") of FY2015: April 1, 2015 - June 30, 2015

2nd Quarter ("2Q") of FY2015: July 1, 2015 - September 30, 2015
1st Half ("1H") of FY2015: April 1, 2015 - September 30, 2015
2nd Half ("2H") of FY2015: October 1, 2015 - March 31, 2016

FY2014: April 1, 2014 - March 31, 2015

1st Half ("1H") of FY2014: April 1, 2014 - September 30, 2014

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

(Billions of Yen)

Consolidated Statements of Operations

Exchange rate (¥/US\$)	121.7	121.7	121.7	103.6	18.1
Naphtha price (¥/kl)	48,800	47,200	48,000	70,400	(22,400)

				, , , , , ,	/
			411.4		
1Q	2Q	1H of FY2015	1H of FY2014	Change	%
941.0	943.6	1,884.6	1,672.3	212.3	13%
71.0	65.4	136.4	73.7	62.7	85%
(0.6)	(3.9)	(4.5)	(1.1)	(3.4)	آر
[3.2]	[0.2]	[3.4]	[5.4]	[(2.0)]	
3.5	2.5	6.0	1.7	4.3	
0.7	(3.4)	(2.7)	2.0	(4.7))
74.6	60.6	135.2	76.3	58.9	77%
3.5	2.5	6.0	16.7	(10.7)	וֹ
(2.9)	(3.8)	(6.7)	(9.3)	2.6	
75.2	59.3	134.5	83.7	50.8	
(24.3)	(21.8)	(46.1)	(30.9)	(15.2))
50.9	37.5	88.4	52.8	35.6	
(16.1)	(13.2)	(29.3)	(19.5)	(9.8))
34.8	24.3	59.1	33.3	25.8	78%
64.5	3.5	68.0	69.2	(1.2)	a l
					_
			_		
	941.0 71.0 (0.6) [3.2] 3.5 0.7 74.6 3.5 (2.9) 75.2 (24.3) 50.9 (16.1)	941.0 943.6 71.0 65.4 (0.6) (3.9) [3.2] [0.2] 3.5 2.5 0.7 (3.4) 74.6 60.6 3.5 2.5 (2.9) (3.8) 75.2 59.3 (24.3) (21.8) 50.9 37.5 (16.1) (13.2) 34.8 24.3	941.0 943.6 1,884.6 71.0 65.4 136.4 (0.6) (3.9) (4.5) [3.2] [0.2] [3.4] 3.5 2.5 6.0 0.7 (3.4) (2.7) 74.6 60.6 135.2 3.5 2.5 6.0 (2.9) (3.8) (6.7) 75.2 59.3 134.5 (24.3) (21.8) (46.1) 50.9 37.5 88.4 (16.1) (13.2) (29.3) 34.8 24.3 59.1	1Q 2Q FY2015 FY2014 941.0 943.6 1,884.6 1,672.3 71.0 65.4 136.4 73.7 (0.6) (3.9) (4.5) (1.1) [3.2] [0.2] [3.4] [5.4] 3.5 2.5 6.0 1.7 0.7 (3.4) (2.7) 2.0 74.6 60.6 135.2 76.3 3.5 2.5 6.0 16.7 (2.9) (3.8) (6.7) (9.3) 75.2 59.3 134.5 83.7 (24.3) (21.8) (46.1) (30.9) 50.9 37.5 88.4 52.8 (16.1) (13.2) (29.3) (19.5) 34.8 24.3 59.1 33.3 64.5 3.5 68.0 69.2 44.9 0.3 45.2 47.9	1Q 2Q FY2015 FY2014 Change 941.0 943.6 1,884.6 1,672.3 212.3 71.0 65.4 136.4 73.7 62.7 (0.6) (3.9) (4.5) (1.1) (3.4) [3.2] [0.2] [3.4] [5.4] [(2.0)] 3.5 2.5 6.0 1.7 4.3 0.7 (3.4) (2.7) 2.0 (4.7) 74.6 60.6 135.2 76.3 58.9 3.5 2.5 6.0 16.7 (10.7) (2.9) (3.8) (6.7) (9.3) 2.6 75.2 59.3 134.5 83.7 50.8 (24.3) (21.8) (46.1) (30.9) (15.2) 50.9 37.5 88.4 52.8 35.6 (16.1) (13.2) (29.3) (19.5) (9.8) 34.8 24.3 59.1 33.3 25.8

<reference></reference>	
1H of FY2015 Forecast (announced on Aug. 5)	Change
1,930.0	(45.4)
110.0	26.4
(5.5)	1.0
[3.5]	[(0.1)]
5.0	1.0
(1.0)	(1.7)
108.5	26.7
(1.5)	0.8
107.0	27.5
(35.5)	(10.6)
71.5	16.9
(23.5)	(5.8)
48.0	11.1

Consolidated Net Sales and Operating Income by Business Segment

						(Billions of Yen)	<reference></reference>
		1Q	2Q	1H of FY2015	1H of FY2014	Change	1H of FY2015 Forecast (announced on Aug. 5)
Total	Net Sales	941.0	943.6	1,884.6	1,672.3	212.3	1,930.0
I Olai	Operating Income	71.0	65.4	136.4	73.7	62.7	110.0
Electronics Applications	Net Sales	29.3	29.0	58.3	57.5	0.8	60.0
Liectionics Applications	Operating Income	(0.1)	0.2	0.1	(1.1)	1.2	0.0
Designed Materials	Net Sales	201.8	210.2	412.0	399.7	12.3	425.0
Designed Materials	Operating Income	15.8	20.3	36.1	27.1	9.0	32.0
Health Care	Net Sales	128.2	133.0	261.2	255.8	5.4	252.0
nealth Care	Operating Income	25.0	22.5	47.5	39.8	7.7	31.5
Chemicals	Net Sales	326.6	321.6	648.2	428.7	219.5	673.0
Chemicais	Operating Income	21.5	9.4	30.9	1.5	29.4	32.5
Polymore	Net Sales	207.7	197.1	404.8	435.1	(30.3)	415.0
Polymers	Operating Income	9.8	12.4	22.2	7.5	14.7	17.5
Othors	Net Sales	47.4	52.7	100.1	95.5	4.6	105.0
Others	Operating Income	0.5	2.3	2.8	*2 2.2	0.6	0.5
Corporato	Net Sales	-	-	-	-	-	-
Corporate	Operating Income	(1.5)	(1.7)	(3.2)	(3.3)	0.1	(4.0)

^{*1} Including net sales of 282.0 billion yen and operating income of 18.8 billion yen in industrial gases

^{*2} Effective from FY2015, certain businesses (including businesses in consolidated subsidiaries) have been reclassified from the Chemicals segment and the Others segment to the Designed Materials segment and the Polymers segment. Accordingly, segment information for FY2014 is restated to match.

Consolidated Net Sales and Operating Income By Business Sub-segment

							(Billions of Yen)		<reference></reference>
			1Q	2Q	1H of FY2015	1H of FY2014	Change		1H of FY2015 Forecast (announced on Aug. 5)
	ectronics Applications	Net Sales	29.3	29.0	58.3	57.5	0.8		60.0
	ectionics Applications	Operating Income	(0.1)	0.2	0.1	(1.1)	1.2	(a)	0.0
	Functional Products	Net Sales	140.8	148.4	289.2	276.5	12.7		297.0
Designed Materials	Frials Full Cilonal Products	Operating Income	8.1	12.3	20.4	14.8	5.6	(b)	17.0
Desi Mate	Performance Chemicals	Net Sales	61.0	61.8	122.8	123.2	(0.4)		128.0
	renormance Chemicais	Operating Income	7.7	8.0	15.7	12.3	3.4	(c)	15.0
ø.	Pharmaceuticals	Net Sales	98.5	103.2	201.7	198.6	3.1		191.5
ר Care	riiaiiiiaceuticais	Operating Income	23.8	21.9	45.7	37.1	8.6	(d)	30.5
	± e Diagnostics, Clinical Testing and API	Net Sales	29.7	29.8	59.5	57.2	2.3		60.5
		Operating Income	1.2	0.6	1.8	2.7	(0.9)		1.0

^{*1} All figures are approximation for reference purpose only.

Major reasons for the change:

- (a) Profit increased due to rationalization and increased sales for display materials.
- (b) Profit increased due to a drop in raw material prices for polyester film, high-performance films, etc.
- (c) Profit increased due to a drop in raw material prices and increased sales in lithium-ion battery materials.
- (d) Profit increased due to higher royalty revenues and decreased SG&A expenses.

^{*2} Effective from FY2015, certain businesses (including businesses in consolidated subsidiaries) have been reclassified from the Chemicals segment and the Others segment to the Designed Materials segment and the Polymers segment. Accordingly, segment information for FY2014 is restated to match.

Consolidated Net Sales and Operating Income by Business Sub-segment (Continued)

									<reference></reference>
			1Q	2Q	1H of FY2015	1H of FY2014	Change		1H of FY2015 Forecast (announced on Aug. 5)
	Petrochemicals	Net Sales	136.3	134.5	270.8	329.6	(58.8)		284.0
	Petrochemicals	Operating Income	8.8	(1.4)	7.4	(3.0)	10.4	(a)	10.5
Chemicals	Carbon	Net Sales	49.7	45.7	95.4	99.1	(3.7)		100.0
Chen	Carbon	Operating Income	3.0	1.7	4.7	4.5	0.2		5.0
	Industrial Gases	Net Sales	140.6	141.4	282.0	-	282.0		289.0
	ilidustriai Gases	Operating Income	9.7	9.1	18.8	-	18.8	(b)	17.0
	Delvelofing and Advanced Delymore	Net Sales	121.5	113.9	235.4	254.0	(18.6)		240.0
Polymers	Polyolefins and Advanced Polymers	Operating Income	5.3	7.3	12.6	2.4	10.2	(c)	9.5
Poly	MMA Monomers and Polymers	Net Sales	86.2	83.2	169.4	181.1	(11.7)		175.0
		Operating Income	4.5	5.1	9.6	5.1	4.5	(d)	8.0

^{*1} All figures are approximation for reference purpose only.

^{*2} Effective from FY2015, certain businesses (including businesses in consolidated subsidiaries) have been reclassified from the Chemicals segment and the Others segment to the Designed Materials segment and the Polymers segment. Accordingly, segment information for FY2014 is restated to match.

			1H of	1H of	
Inventory valuation gain/loss	1Q	2Q	FY2015	FY2014	Change
Chemicals (Petrochemicals)	2.1	(3.1)	(1.0)	(0.1)	(0.9)
Chemicals (Carbon)	(0.2)	(0.4)	(0.6)	(0.7)	0.1
Polymers	(2.6)	(2.5)	(5.1)	2.0	(7.1)
Total	(0.7)	(6.0)	(6.7)	1.2	(7.9)

Major reasons for the change:

- (a) Profit increased due to firm petrochemical market conditions and the difference in scale of periodic maintenance.
- (b) Impacts of the conversion of TNSC to a consolidated subsidiary (FY2014-3Q-)
- (c) Profit increased due to a drop in raw material prices for polyolefin business and phenol and polycarbonate chain.
- (d) Increased profit due to a drop in raw material prices.

Analysis of Operating Income

(Billions of Yen)

					Ana	ysis	
	1H of FY2015	1H of FY2014	Change	Price	Volume	Cost reduction	Others *1
Total	136.4	73.7	62.7	36.0	10.8	7.9	8.0
Electronics Applications	0.1	(1.1)	1.2	(0.8)	(0.1)	2.0	0.1
Designed Materials	36.1	*3 27.1	9.0	6.7	1.4	1.7	(8.0)
Health Care	47.5	39.8	7.7	(0.1)	6.7	1.4	(0.3)
Chemicals	30.9	*3 1.5	29.4	8.6	1.9	0.7	*2 18.2
Polymers	22.2	*3 7.5	14.7	21.6	0.3	1.5	(8.7)
Others	2.8	*3 2.2	0.6	-	0.6	0.1	(0.1)
Corporate	(3.2)	(3.3)	0.1	-	-	0.5	(0.4)

^{*1} Items included are impacts from inventory valuation gain/loss, etc.

^{*2} Including impacts of the conversion of TNSC to a consolidated subsidiary (18.8 billion yen)

^{*3} Effective from FY2015, certain businesses (including businesses in consolidated subsidiaries) have been reclassified from the Chemicals segment and the Others segment to the Designed Materials segment and the Polymers segment. Accordingly, segment information for FY2014 is restated to match.

Consolidated Extraordinary Gain and Loss

				(Billions of Yen)
	1Q	2Q	1H of FY2015	1H of FY2014	Change
Net of extraordinary gain and loss	0.6	(1.3)	(0.7)	7.4	(8.1)
Extraordinary gain	3.5	2.5	6.0	16.7	(10.7)
Gain on sales of investment securities	1.1	2.2	3.3	2.1	1.2
Gain on step acquisitions	1.9	-	1.9	-	1.9
Gain on sales of property, plant and equipment	0.4	0.3	0.7	12.1	(11.4)
Others	0.1	-	0.1	2.5	(2.4)
Extraordinary loss	(2.9)	(3.8)	(6.7)	(9.3)	2.6
Business structure improvement expenses	-	(1.9)	(1.9)	(6.7)	4.8
Loss on sales of Intercompany securities	(1.7)	-	(1.7)	-	(1.7)
Loss on sales and retirement of property, plant and equipment	(0.5)	(0.5)	(1.0)	(1.1)	0.1
Impairment loss	(0.0)	(0.9)	(0.9)	(1.1)	0.2
Others	(0.7)	(0.5)	(1.2)	(0.4)	(8.0)

Consolidated Cash Flows

Based on statements of cash flows

Adjusted by excluding cash flows from investment of surplus funds

(Billions of Yen)

<reference>

Net cash provided by operating activities	
Income before income taxes	
Depreciation and amortization	
Amortization of goodwill	
Change in operating receivables/payables	
Change in Inventories	
Others	
Net cash used in investment activities	
Capital expenditure	
Sale of assets	
Investment and loans receivable, etc	
Free cash flow	
Net cash used in financing activities	
Interest bearing debts	
Dividends, etc.	
Increase (Decrease) in cash and cash equivalents	
Effect of exchange rate changes and change in scope of c	onsolidation
Cash and cash equivalents at the beginning of the	period
Cash and cash equivalents at the end of the period	d

1H of FY2015	1H of FY2014	Exc bi
167.9	120.8	
134.5	83.7	
87.1	64.1	
9.9	7.7	
20.6	9.7	
(8.2)	(2.5)	
(76.0)	(41.9)	
5.9	(72.9)	
(79.0)	(64.7)	
18.3	19.8	
66.6	(28.0)	
173.8	47.9	
(96.2)	(7.7)	
(72.5)	9.3	
(23.7)	(17.0)	
77.6	40.2	
0.5	2.9	
243.1	179.6	
321.2	222.7	

1H of FY2015 Excluded 90.1 billion yen	1H of FY2014 Excluded (13.3) billion yen	Target for FY2015 (announced on May 13)
167.9	120.8	327.0
134.5	83.7	182.0
87.1	64.1	187.0
9.9	7.7	21.0
20.6	9.7	(7.0
(8.2)	(2.5)	(7.0
(76.0)	(41.9)	(56.0
(84.2)	(59.6)	(212.0
(79.0)	(64.7)	(213.0
18.3	19.8	1.0
(23.5)	(14.7)	1.0
83.7	61.2	115.0

Consolidated Balance Sheets

(Billions of Yen)

/Ril	lions	Ωf	Van)	

	Sep. 30, 2015	Mar. 31, 2015	Change
Cash and deposits	244.9	236.2	8.7
Inventories	602.8	595.5	7.3
Trade receivables	731.6	759.9	(28.3)
Others	241.2	265.6	(24.4)
Current assets	1,820.5	1,857.2	(36.7)
Tangible and Intangible fixed assets	1,664.2	1,679.7	(15.5)
Goodwill	255.8	243.8	12.0
Investment and Others	506.3	542.3	(36.0)
Non-current assets	2,426.3	2,465.8	(39.5)
Total assets	4,246.8	4,323.0	(76.2)

	Sep. 30, 2015	Mar. 31, 2015	Change
Interest-bearing debts	1,537.9	1,603.6	(65.7)
Trade payables	449.1	459.3	(10.2)
Others	624.2	671.5	(47.3)
Liabilities	2,611.2	2,734.4	(123.2)
Shareholders' equity	924.0	874.6	49.4
Accumulated other comprehensive income	91.5	106.4	(14.9)
Non-controlling interests, etc.	620.1	607.6	12.5
Net assets	1,635.6	1,588.6	47.0

Total liabilities and net assets	4,246.8	4,323.0	(76.2)
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Net interest-bearing debts (*1)	1,171.8	1,228.2	(56.4)
Net D/E ratio	1.15	1.25	(0.10)
Net D/E ratio (incld. non-controlling interests in the denominator)	0.72	0.77	(0.05)

Shareholders' equity	1,015.6	981.0	34.6
Shareholders' equity ratio	23.9%	22.6%	1.3%

^{*1.} Net interest-bearing debts (1,171.8 billion yen)

⁼ interest bearing debts (1,537.9 billion yen)

^{- {}cash and cash equivalents (321.2 billion yen) + investments of surplus funds (44.9 billion yen)}

Consolidated Statements of Comprehensive Income

Exchange rate used to convert balance sheets for foreign subsidiaries

	Sep. 2015	Mar. 2015
For subsidiaries with April-March accounting period (¥/US\$)	120.0	120.2
For subsidiaries with April-March accounting period (¥/€)	135.0	130.3

(Billions of Yen)

			(/
	1H of FY2015	1H of FY2014	Change
Net income(loss) attributable to Shareholders of the parent	59.1	33.3	25.8
Net income(loss) attributable to non-controlling interests	29.3	19.5	9.8
Net income (loss)	88.4	52.8	35.6
Other comprehensive income (loss):			
Net unrealized holding gain (loss) on other securities	(11.3)	7.2	(18.5)
Gain (loss) on deferred hedges	(0.1)	(0.4)	0.3
Foreign currency translation adjustments	(7.4)	7.4	(14.8)
Remeasurements of defined benefit plans	(0.4)	(0.4)	0.0
Other comprehensive income (loss) for affiliates accounted for using equity method	(1.2)	2.6	(3.8)
Other comprehensive income (loss), net	(20.4)	16.4	(36.8)
Total comprehensive income (loss)	68.0	69.2	(1.2)
Total comprehensive income (loss) attributable to :			
Shareholders of the parent	45.2	47.9	(2.7)
Non-controlling interests	22.8	21.3	1.5

Consolidated Statements of Operations (FY2015 Forecast)

Forecast

Exchange rate (¥/US\$)	121.7	120.0	120.9	120.0	0.9		110.6
Naphtha price (¥/kl)	48,000	40,000	44,000	45,000	(1,000)		63,500
						<u>.</u>	<reference></reference>
	1H Actual	2H Forecast	FY2015 Forecast	FY2015 Forecast (announced on May 13)	Change	% Change from Forecast on May 13	FY2014 Actual
Net sales	1,884.6	2,055.4	3,940.0	4,000.0	(60.0)	(1.5%)	3,656.3
Operating income	136.4	111.6	248.0	227.0	21.0	9.3%	165.7
Income (expenses) on financing activities	(4.5)	(6.5)	(11.0)	(12.5)	1.5		(5.4)
[Dividend income included in above]	[3.4]	[3.6]	[7.0]	[7.5]	[(0.5)]		[8.9]
Equity in Earnings of non-consolidated subsidiaries and affiliates	6.0	2.0	8.0	7.0	1.0		3.8
Other non-operating income (expenses)	(2.7)	(5.3)	(8.0)	(7.5)	(0.5)		(1.0)
Ordinary income	135.2	101.8	237.0	214.0	23.0	10.7%	163.1
Extraordinary gain(loss)	(0.7)	(43.3)	(44.0)	(32.0)	(12.0)		2.5
Income before income taxes	134.5	58.5	193.0	182.0	11.0]	165.6
Current and deferred income taxes	(46.1)	(28.9)	(75.0)	(68.5)	(6.5)		(69.1)
Net income (loss)	88.4	29.6	118.0	113.5	4.5]	96.5
Net income(loss) attributable to non-controlling interests	(29.3)	(23.7)	(53.0)	(48.5)	(4.5)		(35.6)
Net income(loss) attributable to Shareholders of the parent	59.1	5.9	65.0	65.0	0.0	0.0%	60.9

Consolidated Net Sales and Operating Income by Business Segment (FY2015 Forecast) Forecast

						(Billions of Yen)	<reference></reference>
		1H Actual	2H Forecast	FY2015 Forecast	FY2015 Forecast (announced on May 13)	Change	FY2014 Actual
Total	Net Sales	1,884.6	2,055.4	3,940.0	4,000.0	(60.0)	3,656.3
Total	Operating Income	136.4	111.6	248.0	227.0	21.0	165.7
Electronics Applications	Net Sales	58.3	61.7	120.0	125.0	(5.0)	118.8
Electronics Applications	Operating Income	0.1	0.4	0.5	0.5	0.0	(2.8)
Decimand Materials	Net Sales	412.0	473.0	885.0	900.0	(15.0)	818.6
Designed Materials	Operating Income	36.1	31.9	68.0	66.0	2.0	55.6
Health Core	Net Sales	261.2	283.8	545.0	520.0	25.0	531.9
Health Care	Operating Income	47.5	43.0	90.5	77.5	13.0	77.0
Chamiaala	Net Sales	648.2	711.8	1,360.0	1,380.0	(20.0)	1,113.9
Chemicals	Operating Income	30.9	24.1	55.0	52.0	3.0	8.9
Dohamona	Net Sales	404.8	405.2	810.0	850.0	(40.0)	873.7
Polymers	Operating Income	22.2	14.8	37.0	35.0	2.0	28.0
Othern	Net Sales	100.1	119.9	220.0	225.0	(5.0)	199.4
Others	Operating Income	2.8	2.2	5.0	4.0	1.0	6.1
Cornerate	Net Sales	-	-	-	-	-	_
Corporate	Operating Income	(3.2)	(4.8)	(8.0)	(8.0)	0.0	(7.1)

^{*1} Effective from FY2015, certain businesses (including businesses in consolidated subsidiaries) have been reclassified from the Chemicals segment and the Others segment to the Designed Materials segment and the Polymers segment. Accordingly, segment information for FY2014 is restated to match.

(Billions of Yen)

Consolidated Net Sales and Operating Income by Business Sub-segment

Forecast

<Reference>

			(Dillions of Ten)						(Neierence)
			1H Actual	2H Forecast	FY2015 Forecast	FY2015 Forecast (announced on May 13)	Change		FY2014 Actual
Net Sales		58.3	61.7	120.0	125.0	(5.0)		118.8	
	lectronics Applications	Operating Income	0.1	0.4	0.5	0.5	0.0		(2.8)
	Functional Products	Net Sales	289.2	335.8	625.0	640.0	(15.0)		570.4
gned		Operating Income	20.4	18.1	38.5	38.5	0.0		31.3
Designed Materials	Performance Chemicals	Net Sales	122.8	137.2	260.0	260.0	0.0		248.2
		Operating Income	15.7	13.8	29.5	27.5	2.0		24.3
Ф	Pharmaceuticals	Net Sales	201.7	216.3	418.0	396.0	22.0		414.8
Health Care		Operating Income	45.7	40.8	86.5	72.0	14.5	(a)	71.5
	Diagnostics, Clinical Testing and API	Net Sales	59.5	67.5	127.0	124.0	3.0		117.1
		Operating Income	1.8	2.2	4.0	5.5	(1.5)		5.5

^{*1} Effective from FY2015, certain businesses (including businesses in consolidated subsidiaries) have been reclassified from the Chemicals segment and the Others segment to the Designed Materials segment and the Polymers segment. Accordingly, segment information for FY2014 is restated to match.

Major reasons for the change:

(a) Profit increased due to higher royalty revenues.

(Billions of Yen)

Consolidated Net Sales and Operating Income by Business Sub-segment (Continued)

Forecast

<Reference>

			1H Actual	2H Forecast	FY2015 Forecast	FY2015 Forecast (announced on May 13)	Change		FY2014 Actual
	Petrochemicals	Net Sales	270.8	252.2	523.0	538.0	(15.0)		_{*1} 631.4
(0		Operating Income	7.4	(2.9)	4.5	2.5	2.0	(a)	(19.5)
Chemicals	Carbon	Net Sales	95.4	94.6	190.0	200.0	(10.0)		195.6
Chen		Operating Income	4.7	3.8	8.5	10.0	(1.5)		10.0
	Industrial Gases	Net Sales	282.0	365.0	647.0	642.0	5.0		286.9
		Operating Income	18.8	23.2	42.0	39.5	2.5	(b)	18.4
	Polyolefins and Advanced Polymers	Net Sales	235.4	229.6	465.0	480.0	(15.0)		515.9
Polymers		Operating Income	12.6	8.4	21.0	17.5	3.5	(c)	11.7
Poly	MMA Monomers and Polymers	Net Sales	169.4	175.6	345.0	370.0	(25.0)		357.8
		Operating Income	9.6	6.4	16.0	17.5	(1.5)		16.3

^{*1} Effective from FY2015, certain businesses (including businesses in consolidated subsidiaries) have been reclassified from the Chemicals segment and the Others segment to the Designed Materials segment and the Polymers segment. Accordingly, segment information for FY2014 is restated to match.

Major reasons for the change:

- (a) Profit increased due to firm petrochemical market conditions in the first half of FY2015, despite decreased profit in PTA business.
- (b) Profit increased due to strong performance in Thermos business and impacts of the conversion of TNSC to a consolidated subsidiary.
- (c) Profit increased due to increased margins in polyolefin business in the first half of FY2015.

Cash Dividends

		FY201	5	FY2014	FY2013	FY2012	FY2011
	Interim		7	6	6	6	5
Cash dividends per share (Yen)	Year-end	*1	7	7	6	6	5
	Total (Annual)	*1	14	13	12	12	10

^{*1} Forecast

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

Reference

(Billions of Yen, untill otherwise noted)

	Capital Expenditure		Deprec Amorti (excluding	ization	R&D Expenses			Number of Employees
	1H of FY2015	1H of FY2014	1H of FY2015	1H of FY2014	1H of FY2015	1H of FY2014		1H of FY2015 (End of the period)
Electronics Applications	1.9	3.1	3.0	2.9	3.7	4.4		2,659
Designed Materials	20.4	23.9	20.2	19.4	10.4	10.3		16,925
Health Care	7.9	9.7	7.9	7.7	38.5	36.9		12,673
Chemicals	29.2	12.3	33.5	13.4	2.1	1.0		18,523
Polymers	10.8	14.1	20.2	18.3	7.4	6.6		8,026
Others	1.4	1.5	1.5	1.5	0.1	0.2		9,372
Corporate	0.8	0.9	0.8	0.9	2.3	2.3		791
Total	72.4	65.5	87.1	64.1	64.5	61.7		68,969

^{*1} Effective from FY2015, certain businesses (including businesses in consolidated subsidiaries) have been reclassified from the Chemicals segment and the Others segment to the Designed Materials segment and the Polymers segment. Accordingly, segment information for FY2014 is restated to match.

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.