

# Operational Summary

for the First Half of the Fiscal Year Ending March 31, 2012

November 1, 2011

Mitsubishi Chemical Holdings Corporation

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## List of Abbreviations

<b>FY2011:</b>	April 1, 2011 - March 31, 2012	
	<b>1st Quarter ("1Q") of FY2011:</b> April 1, 2011 - June 30, 2011	} <b>1st Half ("1H") of FY2011</b>
	<b>2nd Quarter ("2Q") of FY2011:</b> July 1, 2011 - September 30, 2011	
	<b>2nd Half ("2H") of FY2011:</b> October 1, 2011 - March 31, 2012	
<b>FY2010:</b>	April 1, 2010 - March 31, 2011	
	<b>1st Quarter ("1Q") of FY2010:</b> April 1, 2010 - June 30, 2010	} <b>1st Half ("1H") of FY2010</b>
	<b>2nd Quarter ("2Q") of FY2010:</b> July 1, 2010 - September 30, 2010	
	<b>2nd Half ("2H") of FY2010:</b> October 1, 2010 - March 31, 2011	
<b>Previous Forecast:</b>	Company's forecasts disclosed on May 11, or August 1, 2011	
<b>Revised Forecast:</b>	Company's forecasts disclosed on November 1, 2011	

(Note)

Numbers in the 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
- Polyolefins and Advanced Polymers
- MMA Monomers and Polymers

# Consolidated Statements of Operations

	81	77	79	88		81
Exchange rate (¥/US\$)	81	77	79	88		81
Exchange rate for translation of foreign statements (¥/US\$)	82	81	82	91		82
Naphtha price (¥/KL)	59,000	55,000	57,000	46,200		57,600
	(Billions of Yen)					(Reference)
	1Q	2Q	1H of FY2011	1H of FY2010	Change	1H of FY2011 (Previous Forecast)
<b>Net sales</b>	772.4	797.8	<b>1,570.2</b>	1,564.7	<b>5.5</b>	1,590.0
<b>Operating income</b>	59.8	35.9	<b>95.7</b>	111.4	<b>(15.7)</b>	96.0
Income (expenses) on financing activities	(1.0)	(3.1)	<b>(4.1)</b>	(4.8)	0.7	(4.0)
[Dividend income included in above]	[2.4]	[0.3]	<b>[2.7]</b>	[2.3]	[0.4]	-
Equity in Earnings of non-consolidated subsidiaries and affiliates	5.3	3.2	<b>8.5</b>	6.2	2.3	9.0
Other non-operating income (expenses)	(2.5)	(4.7)	<b>(7.2)</b>	(6.4)	<b>(0.8)</b>	(7.0)
<b>Ordinary income</b>	61.6	31.3	<b>92.9</b>	106.4	<b>(13.5)</b>	94.0
Extraordinary gain	4.7	2.3	<b>7.0</b>	3.5	3.5	6.0
Extraordinary loss	(12.4)	(4.1)	<b>(16.5)</b>	(16.1)	<b>(0.4)</b>	(17.0)
<b>Income before income taxes and minority interests</b>	53.9	29.5	<b>83.4</b>	93.8	<b>(10.4)</b>	83.0
Current and deferred income taxes	(18.4)	(7.8)	<b>(26.2)</b>	(28.0)	1.8	(29.0)
<b>Income before minority interests</b>	35.5	21.7	<b>57.2</b>	65.8	<b>(8.6)</b>	54.0
Minority interests in consolidated subsidiaries	(11.0)	(8.7)	<b>(19.7)</b>	(21.9)	2.2	(18.0)
<b>Net income</b>	24.5	13.0	<b>37.5</b>	43.9	<b>(6.4)</b>	36.0
<b>Comprehensive income attributable to :</b>	49.5	10.9	<b>60.4</b>	40.5	<b>19.9</b>	
Shareholders of the parent	37.6	3.1	<b>40.7</b>	22.2	<b>18.5</b>	
Minority interests	11.9	7.8	<b>19.7</b>	18.3	<b>1.4</b>	

# Consolidated Net Sales and Operating Income by Business Segment

		(Billions of Yen)					(Reference)
		1Q	2Q	1H of FY2011	1H of FY2010	Change	1H of FY2011 (Previous Forecast)
<b>Total</b>	Net Sales	772.4	797.8	1,570.2	1,564.7	5.5	1,590.0
	Operating Income	<b>59.8</b>	<b>35.9</b>	<b>95.7</b>	<b>111.4</b>	<b>(15.7)</b>	<b>96.0</b>
<b>Electronics Applications</b>	Net Sales	36.5	33.3	69.8	80.6	<b>(10.8)</b>	75.0
	Operating Income	<b>0.1</b>	<b>(1.3)</b>	<b>(1.2)</b>	<b>3.2</b>	<b>(4.4)</b>	<b>(1.0)</b>
<b>Designed Materials</b>	Net Sales	168.8	169.7	338.5	326.8	11.7	355.0
	Operating Income	<b>10.0</b>	<b>7.3</b>	<b>17.3</b>	<b>20.8</b>	<b>(3.5)</b>	<b>19.0</b>
<b>Health Care</b>	Net Sales	125.2	121.5	246.7	251.8	<b>(5.1)</b>	244.0
	Operating Income	<b>24.7</b>	<b>15.0</b>	<b>39.7</b>	<b>44.6</b>	<b>(4.9)</b>	<b>36.0</b>
<b>Chemicals</b>	Net Sales	218.7	247.5	466.2	435.3	30.9	445.0
	Operating Income	<b>16.0</b>	<b>3.4</b>	<b>19.4</b>	<b>21.9</b>	<b>(2.5)</b>	<b>24.0</b>
<b>Polymers</b>	Net Sales	178.1	173.9	352.0	362.7	<b>(10.7)</b>	366.0
	Operating Income	<b>11.4</b>	<b>11.9</b>	<b>23.3</b>	<b>24.3</b>	<b>(1.0)</b>	<b>22.0</b>
<b>Others</b>	Net Sales	45.1	51.9	97.0	107.5	<b>(10.5)</b>	105.0
	Operating Income	<b>(0.2)</b>	<b>1.8</b>	<b>1.6</b>	<b>0.6</b>	<b>1.0</b>	<b>1.0</b>
<b>Corporate</b>	Net Sales	-	-	-	-	-	-
	Operating Income	<b>(2.2)</b>	<b>(2.2)</b>	<b>(4.4)</b>	<b>(4.0)</b>	<b>(0.4)</b>	<b>(5.0)</b>
<b>Impact of the earthquake</b>		<b>(12.3)</b>	<b>(2.3)</b>	<b>(14.6)</b>	-	<b>(14.6)</b>	<b>(15.5)</b>
<b>Operating income exclud. impact of the earthquake</b>		<b>72.1</b>	<b>38.2</b>	<b>110.3</b>	<b>111.4</b>	<b>(1.1)</b>	<b>111.5</b>

# Consolidated Net Sales and Operating Income by “Business Sub-segment”

		(Billions of Yen)					(Reference)	
		1Q	2Q	1H of FY2011	1H of FY2010	Change	1H of FY2011 (Previous Forecast)	
<b>Electronics Applications</b>	Net Sales	36.5	33.3	69.8	80.6	(10.8)	75.0	
	Operating Income	0.1	(1.3)	(1.2)	3.2	(4.4)	(1.0)	
Designed Materials	<b>Functional Products*</b>	Net Sales	117.3	117.7	235.0	220.6	14.4	245.0
		Operating Income	5.5	3.8	9.3	8.1	1.2	9.5
	<b>Performance Chemicals*</b>	Net Sales	51.5	52.0	103.5	106.2	(2.7)	110.0
		Operating Income	4.5	3.5	8.0	12.7	(4.7)	9.5
Health Care	<b>Pharmaceuticals*</b>	Net Sales	102.2	98.1	200.3	204.6	(4.3)	199.0
		Operating Income	23.8	14.0	37.8	42.1	(4.3)	34.0
	Diagnostics, Clinical Testing and API*	Net Sales	23.0	23.4	46.4	47.2	(0.8)	45.0
		Operating Income	0.9	1.0	1.9	2.5	(0.6)	2.0
Chemicals	<b>Petrochemicals*</b>	Net Sales	147.4	181.9	329.3	318.8	10.5	300.0
		Operating Income	10.1	0.9	11.0	8.7	2.3	14.0
	<b>Carbon*</b>	Net Sales	71.3	65.6	136.9	116.5	20.4	145.0
		Operating Income	5.9	2.5	8.4	13.2	(4.8)	10.0
Polymers	<b>Polyolefins and Advanced Polymers*</b>	Net Sales	103.9	103.3	207.2	230.5	(23.3)	211.0
		Operating Income	1.8	2.1	3.9	11.2	(7.3)	3.0
	<b>MMA Monomers and Polymers*</b>	Net Sales	74.2	70.6	144.8	132.2	12.6	155.0
		Operating Income	9.6	9.8	19.4	13.1	6.3	19.0

\* Approximation for reference purpose only

Inventory valuation gain/loss	1Q	2Q	1H of FY2011	1H of FY2010	Change
Chemicals (Petrochemicals)	4.6	(1.4)	3.2	(2.1)	5.3
Chemicals (Carbon)	2.1	(0.4)	1.7	1.9	(0.2)
Polymers (Polyolefins and Advanced Polymers)	5.7	(0.5)	5.2	0.7	4.5
Total	12.4	(2.3)	10.1	0.5	9.6

## Consolidated Extraordinary Gain (Loss)

(Billions of Yen)

	1H of FY2011		1H of FY2010	Change
	1Q	2Q		
<b>Total</b>	<b>(7.7)</b>	<b>(1.8)</b>	<b>(12.5)</b>	<b>3.0</b>
<b>Extraordinary gain</b>	<b>4.7</b>	<b>2.3</b>	<b>3.5</b>	<b>3.5</b>
Gain on sales of investment securities	1.8	0.5	1.4	0.9
Settlement received	1.5	-	-	1.5
Gain on sales of Noncurrent Assets	0.9	0.6	0.3	1.2
Others	0.5	1.2	1.8	(0.1)
<b>Extraordinary loss</b>	<b>(12.4)</b>	<b>(4.1)</b>	<b>(16.0)</b>	<b>(0.5)</b>
Loss on the Great East Japan Earthquake	(6.7)	0.1	-	(6.6)
Impairment loss	(2.9)	(1.2)	(1.4)	(2.7)
Loss on valuation of investment securities	(1.7)	(0.2)	(5.9)	4.0
Others	(1.1)	(2.8)	(8.7)	4.8

# Consolidated Cash Flows

	Based on statements of cash flows		Excluding financial investments of cash in hands	
	1H of FY2011	1H of FY2010	1H of FY2011 With adjustment 40.0 billion yen for financial investment	1H of FY2010 With adjustment (21.6) billion yen for financial investment
	(Billions of Yen)			
<b>Net cash provided by operating activities</b>	<b>89.6</b>	<b>144.1</b>	<b>89.6</b>	<b>144.1</b>
Income before income taxes and minority interests	83.4	93.9	83.4	93.9
Depreciation and amortization	70.4	71.8	70.4	71.8
Amortization of goodwill	6.2	6.2	6.2	6.2
Change in operating receivables/payables	37.8	18.3	37.8	18.3
Change in Inventories	(56.6)	(5.6)	(56.6)	(5.6)
Others	(51.6)	(40.5)	(51.6)	(40.5)
<b>Net cash (used in) provided by investment activities</b>	<b>(13.0)</b>	<b>(70.7)</b>	<b>(53.0)</b>	<b>(49.1)</b>
Capital expenditure	(53.1)	(53.1)	(53.1)	(53.1)
Investment and loans receivables, etc.	40.1	(17.6)	0.1	4.0
<b>Free cash flow</b>	<b>76.6</b>	<b>73.4</b>	<b>36.6</b>	<b>95.0</b>
<b>Net cash (used in) provided by financing activities</b>	<b>(83.9)</b>	<b>(62.4)</b>		
Interest bearing debts	(63.3)	(52.0)		
Dividends, etc.	(20.6)	(10.4)		
<b>Increase (decrease) in cash and cash equivalents</b>	<b>(7.3)</b>	<b>11.0</b>		
<b>Balance of cash and cash equivalents</b>	<b>138.7</b>	<b>117.2</b>		



# Consolidated Balance Sheets

(Billions of Yen)

	Sept. 30, 2011	Mar. 31, 2011	Change
Cash and deposits	107.1	130.2	(23.1)
Inventories	543.6	485.1	58.5
Trade receivables	583.4	597.2	(13.8)
Others	173.1	184.2	(11.1)
<b>Current assets</b>	<b>1,407.2</b>	<b>1,396.7</b>	<b>10.5</b>
Fixed assets	1,133.1	1,160.4	(27.3)
Goodwill	149.1	154.8	(5.7)
Investment and Others	566.5	582.1	(15.6)
<b>Fixed assets</b>	<b>1,848.7</b>	<b>1,897.3</b>	<b>(48.6)</b>
<b>Total assets</b>	<b>3,255.9</b>	<b>3,294.0</b>	<b>(38.1)</b>

(Billions of Yen)

	Sept. 30, 2011	Mar. 31, 2011	Change
Interest-bearing debts	1,233.1	1,304.6	(71.5)
Trade payables	402.1	378.4	23.7
Others	466.0	497.0	(31.0)
<b>Liabilities</b>	<b>2,101.2</b>	<b>2,180.0</b>	<b>(78.8)</b>
Shareholders' equity	841.0	808.8	32.2
Accumulated other comprehensive income	(47.5)	(50.5)	3.0
Minorities interests, etc.	361.2	355.7	5.5
<b>Net assets</b>	<b>1,154.7</b>	<b>1,114.0</b>	<b>40.7</b>
<b>Total liabilities and net assets</b>	<b>3,255.9</b>	<b>3,294.0</b>	<b>(38.1)</b>

Interest-bearing debts (incl. notes)	1,233.1	1,304.6	(71.5)
Debt-equity ratio	1.55	1.72	(0.17)
Net interest-bearing debts (*1)	982.3	1,008.7	(26.4)
Net debt-equity ratio	1.24	1.33	(0.09)
Shareholders' equity (*2)	793.4	758.3	35.1
Shareholders' equity ratio	24.3%	23.0%	1.3%

\*1. Net interest-bearing debts (982.3 billion yen)

= interest bearing debts, including discounted notes (1,233.1 billion yen)

- {cash and cash equivalents (138.7 billion yen) + financial investments of cash-in-hands (112.2 billion yen)}

\*2. Represents the sum of shareholders' equity and accumulated other comprehensive income per the above B/S.

# Consolidated Statements of Comprehensive Income

	(Dec. 2010) Jun. 2011	(Dec. 2009) Jun. 2010
Exchange rate for translation of foreign statements (¥/US\$)	(81.5) <b>80.7</b>	(92.1) <b>88.5</b>
Exchange rate for translation of foreign statements (¥/€)	(107.9) <b>116.8</b>	(132.0) <b>107.8</b>

(Billions of Yen)

	1H of FY2011	1H of FY2010	Change
<b>Net income</b>	<b>37.5</b>	<b>44.0</b>	<b>(6.5)</b>
Minority interests in consolidated subsidiaries	<b>19.7</b>	<b>21.9</b>	<b>(2.2)</b>
Income before minority interests	<b>57.2</b>	<b>65.9</b>	<b>(8.7)</b>
Other comprehensive income (expenses):			
Net unrealized holding gain (loss) on other securities	<b>(10.1)</b>	<b>(12.3)</b>	2.2
Gain (loss) on deferred hedges	<b>(0.8)</b>	<b>(1.5)</b>	0.7
Foreign currency translation adjustments	<b>13.3</b>	<b>(8.8)</b>	22.1
Unfunded retirement benefit obligation with respect to a foreign subsidiary	<b>0.2</b>	<b>(0.5)</b>	0.7
Portion of other comprehensive income of affiliates accounted for using equity method	<b>0.6</b>	<b>(2.3)</b>	2.9
<b>Other comprehensive income (expenses), net</b>	<b>3.2</b>	<b>(25.4)</b>	<b>28.6</b>
<b>Total comprehensive income</b>	<b>60.4</b>	<b>40.5</b>	<b>19.9</b>
Total comprehensive income attributable to :			
Shareholders of the parent	<b>40.7</b>	<b>22.2</b>	<b>18.5</b>
Minority interests	<b>19.7</b>	<b>18.3</b>	<b>1.4</b>

# Consolidated Statement of Operations (FY2011 Forecast)

Forecast

Exchange rate (¥/US\$)	81	77	79	77	78	82	85	83
Exchange rate for translation of foreign statements (¥/US\$)	82	81	82	77	79	84	87	83
Naphtha price (¥/KL)	59,000	55,000	57,000	50,000	53,500	48,800	47,500	59,800

	(Billions of Yen)					(Reference)		
	1Q of FY2011 (Actual)	2Q of FY2011 (Actual)	1H of FY2011 (Actual)	2H of FY2011 (Revised Forecast)	FY2011 (Revised Forecast)	2H of FY2010 (Actual)	FY2010 (Actual)	FY2011 (Previous Forecast)
Net sales	772.4	797.8	1,570.2	1,779.8	3,350.0	1,602.1	3,166.8	3,490.0
Operating income	59.8	35.9	95.7	104.3	200.0	115.1	226.5	221.0
Income (expenses) on financing activities	(1.0)	(3.1)	(4.1)	(4.9)	(9.0)	(4.1)	(8.9)	(9.0)
Equity in Earnings of non-consolidated subsidiaries and affiliates	5.3	3.2	8.5	7.5	16.0	8.9	15.1	17.0
Other non-operating income (expenses)	(2.5)	(4.7)	(7.2)	(4.8)	(12.0)	(2.4)	(8.8)	(9.0)
Ordinary income	61.6	31.3	92.9	102.1	195.0	117.5	223.9	220.0
Extraordinary gain	4.7	2.3	7.0	7.0	14.0	3.2	6.7	13.0
Extraordinary loss	(12.4)	(4.1)	(16.5)	(11.5)	(28.0)	(44.9)	(61.0)	(33.0)
Income before income taxes and minority interests	53.9	29.5	83.4	97.6	181.0	75.8	169.6	200.0
Current and deferred income taxes	(18.4)	(7.8)	(26.2)	(32.8)	(59.0)	(19.0)	(47.0)	(64.0)
Income before minority interests	35.5	21.7	57.2	64.8	122.0	56.8	122.6	136.0
Minority interests in consolidated subsidiaries	(11.0)	(8.7)	(19.7)	(25.3)	(45.0)	(17.1)	(39.0)	(46.0)
Net income	24.5	13.0	37.5	39.5	77.0	39.7	83.6	90.0

# Consolidated Net Sales and Operating Income by Business Segment (FY2011 Forecast)

Forecast

		(Billions of Yen)					(Reference)		
		1Q	2Q	1H of FY2011 (Actual)	2H of FY2011 (Revised Forecast)	FY2011 (Revised Forecast)	2H of FY2010 (Actual)	FY2010 (Actual)	2H of FY2011 (Previous Forecast)
<b>Total</b>	Net Sales	772.4	797.8	1,570.2	1,779.8	3,350.0	1,602.1	3,136.8	1,900.0
	Operating Income	<b>59.8</b>	<b>35.9</b>	<b>95.7</b>	<b>104.3</b>	<b>200.0</b>	<b>115.1</b>	<b>226.5</b>	<b>125.0</b>
<b>Electronics Applications</b>	Net Sales	36.5	33.3	69.8	85.2	155.0	71.8	152.4	95.0
	Operating Income	<b>0.1</b>	<b>(1.3)</b>	<b>(1.2)</b>	<b>2.2</b>	<b>1.0</b>	<b>(2.2)</b>	<b>1.0</b>	<b>4.0</b>
<b>Designed Materials</b>	Net Sales	168.8	169.7	338.5	356.5	695.0	330.7	657.5	370.0
	Operating Income	<b>10.0</b>	<b>7.3</b>	<b>17.3</b>	<b>18.7</b>	<b>36.0</b>	<b>15.7</b>	<b>36.5</b>	<b>19.0</b>
<b>Health Care</b>	Net Sales	125.2	121.5	246.7	258.3	505.0	253.2	505.0	263.0
	Operating Income	<b>24.7</b>	<b>15.0</b>	<b>39.7</b>	<b>37.3</b>	<b>77.0</b>	<b>40.5</b>	<b>85.1</b>	<b>45.0</b>
<b>Chemicals</b>	Net Sales	218.7	247.5	466.2	578.8	1,045.0	460.1	865.4	600.0
	Operating Income	<b>16.0</b>	<b>3.4</b>	<b>19.4</b>	<b>21.6</b>	<b>41.0</b>	<b>31.1</b>	<b>53.0</b>	<b>30.0</b>
<b>Polymers</b>	Net Sales	178.1	173.9	352.0	373.0	725.0	368.5	731.2	445.0
	Operating Income	<b>11.4</b>	<b>11.9</b>	<b>23.3</b>	<b>23.7</b>	<b>47.0</b>	<b>30.7</b>	<b>55.0</b>	<b>28.0</b>
<b>Others</b>	Net Sales	45.1	51.9	97.0	128.0	225.0	117.8	225.3	127.0
	Operating Income	<b>(0.2)</b>	<b>1.8</b>	<b>1.6</b>	<b>4.4</b>	<b>6.0</b>	<b>3.9</b>	<b>4.5</b>	<b>3.0</b>
<b>Corporate</b>	Net Sales	-	-	-	-	-	-	-	-
	Operating Income	<b>(2.2)</b>	<b>(2.2)</b>	<b>(4.4)</b>	<b>(3.6)</b>	<b>(8.0)</b>	<b>(4.6)</b>	<b>(8.6)</b>	<b>(4.0)</b>
Impact of the earthquake		<b>(12.3)</b>	<b>(2.3)</b>	<b>(14.6)</b>	<b>(2.4)</b>	<b>(17.0)</b>	1.7	1.7	<b>(5.8)</b>
Operating income exclud. impact of the earthquake		<b>72.1</b>	<b>38.2</b>	<b>110.3</b>	<b>106.7</b>	<b>217.0</b>	113.4	224.8	<b>130.8</b>

# Consolidated Net Sales and Operating Income by “Business Sub-segment” (FY2011 Forecast)

Forecast

		(Billions of Yen)					(Reference)			
		1Q	2Q	1H of FY2011 (Actual)	2H of FY2011 (Revised Forecast)	FY2011 (Revised Forecast)	2H of FY2010 (Actual)	FY2010 (Actual)	2H of FY2011 (Previous Forecast)	
Electronics Applications	Net Sales	36.5	33.3	69.8	85.2	155.0	71.8	152.4	95.0	
	Operating Income	0.1	(1.3)	(1.2)	2.2	1.0	(2.2)	1.0	4.0	
Designed Materials	Functional Products*	Net Sales	117.3	117.7	235.0	245.0	480.0	227.4	448.0	255.0
		Operating Income	5.5	3.8	9.3	9.7	19.0	7.1	15.2	8.0
	Performance Chemicals*	Net Sales	51.5	52.0	103.5	111.5	215.0	103.3	209.5	115.0
		Operating Income	4.5	3.5	8.0	9.0	17.0	8.6	21.3	11.0
Health Care	Pharmaceuticals*	Net Sales	102.2	98.1	200.3	204.7	405.0	204.9	409.5	208.0
		Operating Income	23.8	14.0	37.8	34.2	72.0	39.5	81.6	42.0
	Diagnostics, Clinical Testing and API*	Net Sales	23.0	23.4	46.4	53.6	100.0	48.3	95.5	55.0
		Operating Income	0.9	1.0	1.9	3.1	5.0	1.0	3.5	3.0
Chemicals	Petrochemicals*	Net Sales	147.4	181.9	329.3	435.7	765.0	337.2	656.0	455.0
		Operating Income	10.1	0.9	11.0	14.0	25.0	22.6	31.3	21.0
	Carbon*	Net Sales	71.3	65.6	136.9	143.1	280.0	122.9	239.4	145.0
		Operating Income	5.9	2.5	8.4	7.6	16.0	8.5	21.7	9.0
Polymers	Polyolefins and Advanced Polymers*	Net Sales	103.9	103.3	207.2	232.8	440.0	230.9	461.4	295.0
		Operating Income	1.8	2.1	3.9	8.1	12.0	7.0	18.2	11.0
	MMA Monomers and Polymers*	Net Sales	74.2	70.6	144.8	140.2	285.0	137.6	269.8	150.0
		Operating Income	9.6	9.8	19.4	15.6	35.0	23.7	36.8	17.0
Inventory valuation gain/loss		1Q	2Q	1H of FY2011 (Actual)	2H of FY2011 (Revised Forecast)	FY2011 (Revised Forecast)				
Chemicals (Petrochemicals)		4.6	(1.4)	3.2	(1.0)	2.2				
Chemicals (Carbon)		2.1	(0.4)	1.7	(0.5)	1.2				
Polymers (Polyolefins and Advanced Polymers)		5.7	(0.5)	5.2	(2.8)	2.4				
Total		12.4	(2.3)	10.1	(4.3)	5.8				

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

**Reference**

(Billions of yen)

	Capital Expenditure		Depreciation and Amortization		R&D Expenses		Number of Employees
	1H of FY2011	1H of FY2010	1H of FY2011	1H of FY2010	1H of FY2011	1H of FY2010	
Electronics Applications	2.2	3.5	3.9	3.9	4.9	4.5	3,352
Designed Materials	18.7	13.4	21.9	23.3	11.2	10.7	14,225
Health Care	5.0	8.4	8.8	9.1	37.6	36.6	12,920
Chemicals	12.8	15.0	15.5	13.1	2.7	2.7	5,283
Polymers	7.3	11.8	15.7	16.1	7.5	6.5	7,516
Others	1.7	2.6	1.8	1.9	0.2	0.5	10,108
Corporate	1.3	1.4	1.3	3.4	3.2	2.8	981
<b>Total</b>	<b>49.0</b>	<b>56.1</b>	<b>68.9</b>	<b>70.8</b>	<b>67.3</b>	<b>64.3</b>	<b>54,385</b>

## Major Subsidiaries

Reference

Company (Consolidated)	Net Sales			Operating Income		
	(Billions of Yen)					
	1H of FY2011	1H of FY2010	Change	1H of FY2011	1H of FY2010	Change
MCC	989.6	986.0	3.6	29.5	44.6	(15.1)
MTPC	200.4	204.7	(4.3)	36.1	40.2	(4.1)
MPI	197.3	190.9	6.4	8.8	9.1	(0.3)
MRC	252.5	231.8	20.7	22.9	14.2	8.7
Adjustments*	(69.6)	(48.7)	(20.9)	(1.6)	3.3	(4.9)
MCHC	1,570.2	1,564.7	5.5	95.7	111.4	(15.7)

\*Adjustments for MCHC consolidation

- Those for net sales represent elimination of internal transactions.
- Those for operating income represent primarily amortization of goodwill as well as elimination of internal transactions.

# Cash Dividends (FY2011 Forecast)

Reference

		FY2011 Forecast	FY2010 Actual	FY2009 Actual	FY2008 Actual
Cash dividends per share (Yen)	1st Half	5	5	4	8
	Year end	5	5	4	4
	Total	10	10	8	12
Total of cash dividends (Billions of yen)	1st Half	7.4	6.9	5.5	11.0
	Year end	7.4	7.4	5.5	5.5
	Total	14.8	14.3	11.0	16.5
Net profit per share (Yen)	Year end	¥52.22	¥58.72	¥9.32	(¥48.81)
Dividend pay out ratio (Consolidated)	-	19.1%	17.0%	85.8%	-



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.