



FY2023 1Q  
**Consolidated  
Financial Results**

 **mitsubishi GAS CHEMICAL COMPANY, INC.**

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TSE 4182



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# FY2023 1Q Results



- Operating profit: Decreased due mainly to an overall decline in sales volumes of BT materials and aromatic chemicals along with stagnant polyacetal (POM) market prices.
- Ordinary profit: Decreased reflecting such factors as downturns in methanol market prices and a resulting decrease in equity in earnings of affiliates related to overseas methanol producing companies.
- Profit attributable to owners of parent: Increased due primarily to the recording of gain on step acquisitions in connection with the inclusion of Mitsubishi Engineering-Plastics Corporation into the scope of consolidation.

[JPY in billions]	FY2022 1Q	FY2023 1Q	Changes	
			Amount	%
Net Sales	193.9	<b>187.0</b>	-6.9	-3.6
Operating profit	18.8	<b>6.2</b>	-12.6	-67.0
Equity in earnings of affiliates	2.2	<b>(0.6)</b>	-2.9	-
Ordinary profit	24.8	<b>7.0</b>	-17.8	-71.8
Profit attributable to owners of parent	16.1	<b>19.8</b>	+3.7	+23.2
E P S (JPY)	77.73	<b>97.00</b>		
FX (JPY/USD)	130	<b>137</b>		

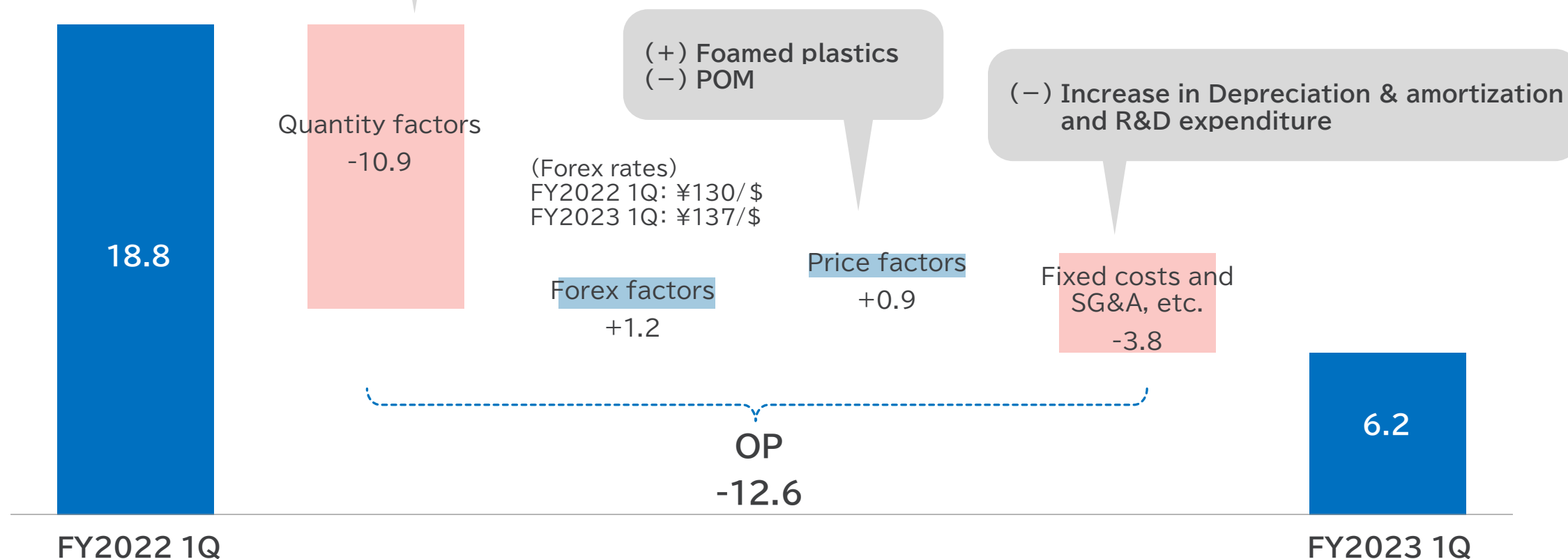
(Note) Figures shown on this and the following pages are rounded down to the closest ¥0.1 bn. Percentage figures, per-share indicators, and performance assumptions are rounded off to the closest whole number.

# FY2023 1Q Increase and Decrease Factors of Operating Profit (YoY)



(-) BT materials, MXDA, aromatic aldehydes, chemicals for semiconductors, optical polymers

[JPY in billions]



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# FY2023 1Q Results by Segment



## Reference: Major Product Groups\*

[JPY in billions]	FY2022 1Q	FY2023 1Q	Changes
<b>Net sales</b>	193.9	<b>187.0</b>	-6.9
Basic Chemicals	117.1	<b>101.9</b>	-15.2
Specialty Chemicals	78.8	<b>87.2</b>	+8.3
Other/Adjustment	(2.0)	<b>(2.1)</b>	-0.1
<b>Operating profit</b>	18.8	<b>6.2</b>	-12.6
Basic Chemicals	7.6	<b>3.2</b>	-4.4
Specialty Chemicals	12.0	<b>3.5</b>	-8.5
Other/Adjustment	(0.9)	<b>(0.5)</b>	+0.3
<b>Ordinary profit</b>	24.8	<b>7.0</b>	-17.8
Basic Chemicals	8.4	<b>2.0</b>	-6.3
Specialty Chemicals	14.5	<b>4.7</b>	-9.8
Other/Adjustment	1.9	<b>0.2</b>	-1.6

[JPY in billions]	FY2022 1Q	FY2023 1Q	Changes
<b>Net sales</b>	193.9	<b>187.0</b>	-6.9
Natural Gas	61.6	<b>49.2</b>	-12.3
Aromatic	56.5	<b>53.5</b>	-3.0
Specialty	59.6	<b>73.5</b>	+13.9
Information & Advanced Materials	19.2	<b>13.6</b>	-5.5
Other/Adjustment	(3.1)	<b>(2.9)</b>	+0.1
<b>Operating profit</b>	18.8	<b>6.2</b>	-12.6
Natural Gas	3.8	<b>1.8</b>	-1.9
Aromatic	3.8	<b>1.3</b>	-2.4
Specialty	7.5	<b>1.6</b>	-5.8
Information & Advanced Materials	4.5	<b>1.8</b>	-2.6
Other/Adjustment	(0.9)	<b>(0.6)</b>	+0.2
<b>Ordinary profit</b>	24.8	<b>7.0</b>	-17.8
Natural Gas	3.9	<b>0.5</b>	-3.4
Aromatic	4.4	<b>1.5</b>	-2.9
Specialty	9.0	<b>2.4</b>	-6.6
Information & Advanced Materials	5.4	<b>2.2</b>	-3.2
Other/Adjustment	1.9	<b>0.2</b>	-1.6

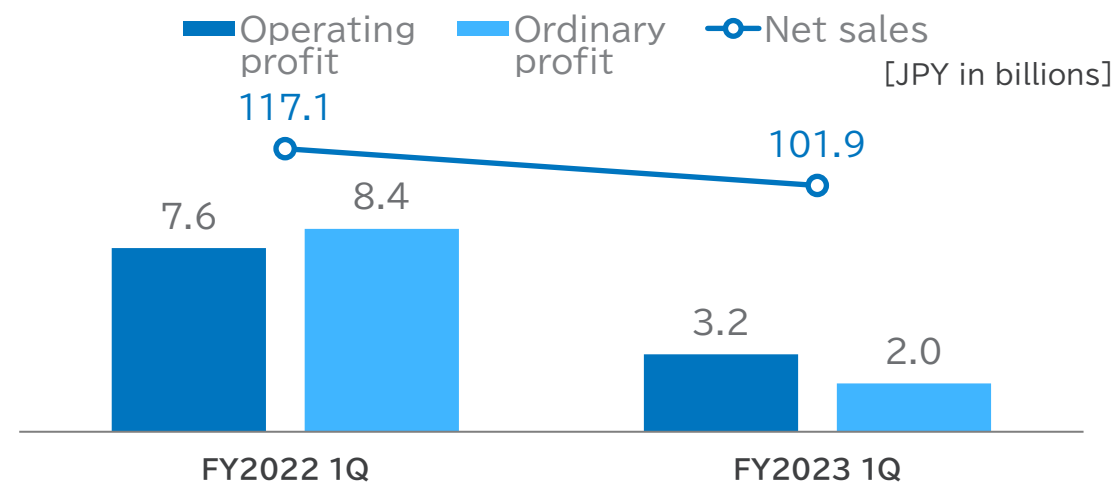
\*Segments by major product group (These are reference values calculated according to past segments.)

## FY2023 1Q Results

**Net sales:** Decreased due mainly to a decline in methanol market price and lower sales volume of MXDA.

**Operating profit:** Decreased due mainly to lower sales volumes of MXDA and MMA products.

**Equity in earnings of affiliates:** Decreased due to lower equity in earnings of affiliates related to overseas methanol producing companies resulting from decline in methanol market price and other factors.



		FY2023 1Q Results (Compared with FY2022 1Q Results)	
Natural Gas Chemicals	Methanol	↘	Net sales and earnings decreased due to lower market prices compared with the same period of the previous fiscal year (FY2022 \$401→FY2023 \$308).
	Methanol and ammonia-based chemicals	↘	Net sales and earnings decreased reflecting the lower sales volume of MMA products and downturns in market prices for ammonia and other offerings.
Aromatic Chemicals	High-performance products	↘	Net sales and earnings decreased due mainly to lower sales volumes of MXDA and aromatic aldehydes, which reflected economic slowdown in the U.S. and Europe and resulting stagnation in demand.
	Xylene separators and derivatives	↘	Net sales and earnings decreased due primarily to a decline in the sales volume of purified isophthalic acid (PIA) and growing utility costs.
	Foamed plastics (JSP)	↗	Net sales and earnings increased thanks mainly to sales growth in step with the upward revision of product prices and raw material price decline.

(Note) Breakdown shows segments by major product group

[JPY in billions]	FY2022 1Q Results	FY2023 1Q Results	Changes
<b>Net sales</b>	117.1	101.9	-15.2
Natural Gas	61.6	49.2	-12.3
Aromatic	56.5	53.5	-3.0
Other/Adjustment	(1.0)	(0.8)	+0.2
<b>Operating profit</b>	7.6	3.2	-4.4
Natural Gas	3.8	1.8	-1.9
Aromatic	3.8	1.3	-2.4
Other/Adjustment	0.0	(0.0)	-0.0
<b>Ordinary profit</b>	8.4	2.0	-6.3
Natural Gas	3.9	0.5	-3.4
Aromatic	4.4	1.5	-2.9
Other/Adjustment	0.0	(0.0)	-0.0



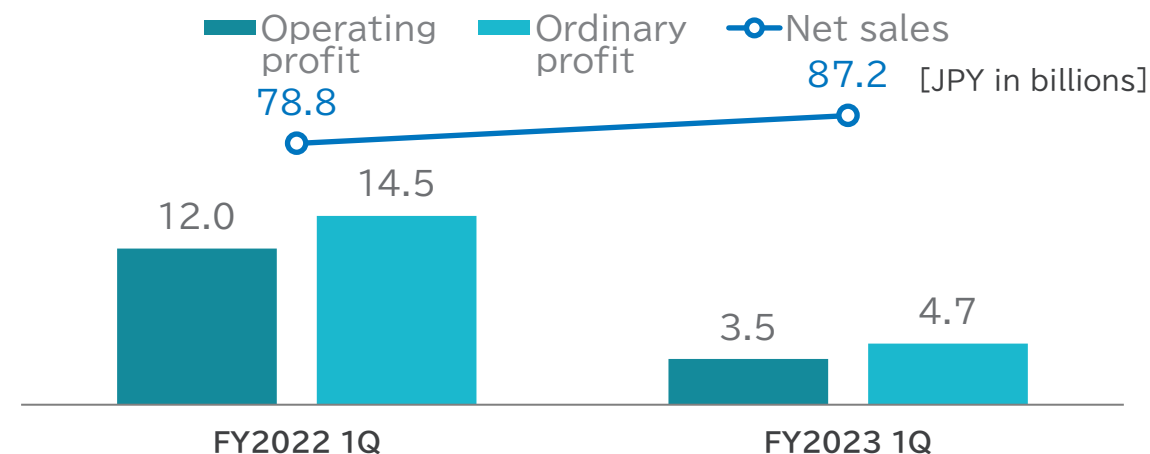
# Specialty Chemicals



## FY2023 1Q Results

**Net sales:** Increased due to consolidation of Mitsubishi Engineering-Plastics Corporation (MEP).

**Operating profit:** Decreased due mainly to lower sales volume of electronic materials, polycarbonate (PC), PC sheet films and optical polymers, along with a decline in the market price of POM.



		FY2023 1Q Results (Compared with FY2022 1Q Results)	
Specialty Chemicals	Inorganic chemicals	↓	Net sales and earnings decreased, despite the upward revision of sales prices aimed at reflecting higher raw material and fuel prices—a factor contributing to profit—due mainly to stagnant semiconductor demand and resulting decline in the sales volume of chemicals for semiconductors.
	Engineering plastics	↓	While net sales increased due to the inclusion of MEP into the scope of consolidation, earnings decreased due mainly to downturns in POM market prices and sales volumes of PC and PC sheet films.
	Optical materials	↓	Net sales and earnings decreased as demand for smartphones, a primary application of optical polymers, remained sluggish.
Information & Advanced Materials	Electronic materials	↓	Net sales and earnings decreased year on year. This reflected constantly stagnant demand for semiconductors, although sales level of BT materials have been on a recovery track since FY 2022 4Q, especially in general-purpose materials.
	Oxygen absorbers	↓	Net sales and earnings decreased on the back of a recoil from the temporary surge (due to stay-at-home demand) for products marketed in Japan for food applications, a decline in export sales, higher raw material prices and other factors.

[JPY in billions]	FY2022 1Q Results	FY2023 1Q Results	Changes
<b>Net sales</b>	78.8	87.2	+8.3
Specialty	59.6	73.5	+13.9
Information & Advanced Materials	19.2	13.6	-5.5
Other/Adjustment	(0.0)	(0.0)	+0.0
<b>Operating profit</b>	12.0	3.5	-8.5
Specialty	7.5	1.6	-5.8
Information & Advanced Materials	4.5	1.8	-2.6
Other/Adjustment	(0.0)	0.0	+0.0
<b>Ordinary profit</b>	14.5	4.7	-9.8
Specialty	9.0	2.4	-6.6
Information & Advanced Materials	5.4	2.2	-3.2
Other/Adjustment	(0.0)	0.0	+0.0

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# FY2023 Forecast



[JPY in billions]	FY2023 1H			FY2023 2H			FY2023		
	Previous forecast	Revised Forecast	Changes	Previous forecast	Revised Forecast	Changes	Previous forecast	Revised Forecast	Changes
Net sales	390.0	380.0	-10.0	460.0	460.0	0.0	850.0	840.0	-10.0
Operating profit	22.0	14.0	-8.0	32.0	32.0	0.0	54.0	46.0	-8.0
Equity in earnings of affiliates	2.9	1.0	-1.9	4.6	3.3	-1.2	7.6	4.3	-3.2
Ordinary profit	24.0	16.0	-8.0	34.0	33.0	-1.0	58.0	49.0	-9.0
Profit attributable to owners of parent	33.0	25.0	-8.0	23.0	22.0	-1.0	56.0	47.0	-9.0

## [FY2023 1H]

**Compared to the previous forecast, operating profit -8.0 billion yen, ordinary profit -8.0 billion yen**

Compared to the previous forecast, downturns in POM market prices, a delay in the pace of recovery in demand for BT materials, and a decline in the sales volumes of PC, MXDA and MMA products are expected. Therefore, net sales and each profit indicator are expected to fall short of the previous forecast.

## [FY2023 2H]

**The forecast for net sales and operating profit has been left unchanged** (revisions by segment have been made).

**Ordinary profit -1.0 billion yen** (due mainly to decrease in equity in earnings of affiliates resulting from a decline in methanol market price)

See page 13 for key points of 2H forecast.

- Maintenance costs for Niigata and Kashima plants, etc. are expected to increase.
- Methanol: The market price is assumed to be \$310 (1Q: \$308).
- MXDA and aromatic aldehydes: Sales volumes are expected to increase from 1Q due to gradual recovery in demand in Europe and the U.S.
- Electronic chemicals (chemicals for semiconductors): Demand is expected to remain weak due to ongoing sluggish demand for semiconductors.
- POM and PC: POM market prices are expected to be at the same level as 1Q. PC and PC sheet films are also expected to remain at the same profit level as 1Q.
- Optical polymers: Sales volume is expected to increase compared to 1Q, even though smartphone demand will remain weak.
- BT materials: Although demand is assumed to recover in earnest in 2H and beyond, sales volume is expected to increase compared to 1Q.

■FX assumptions (2Q): \$1=¥135 (¥2 appreciation against 1Q), €1=¥145 (¥4 appreciation against 1Q)  
(Sensitivity (USD, rough estimate): with an appreciation (depreciation) of ¥1 against the USD, annual operating profit falls (increases) by ¥0.6 bn, while annual ordinary profit falls (increases) by ¥0.6 bn.)

■Crude oil price assumption (2Q): \$80/bbl. (\$2 increase from 1Q)  
(Sensitivity (USD, rough estimate): A \$1/bbl. increase (drop) in crude oil reduces (raises) profit by ¥0.2 bn., excluding methanol affect)

# Key Points of the Forecast for FY2023 2H



## [Basic Chemicals]

- Methanol: Both demand recovery and market conditions are expected to reverse. Market price forecast is set at \$340/MT (1H: \$309/MT).
- MXDA and aromatic aldehydes: Sales volume is expected to increase due to recovery in demand in Europe and the U.S.
- Foamed plastics (JSP): Profit levels are expected to exceed the previous forecast due to strong sales of foamed polypropylene and softening raw material prices.
- As in the past years, a regular maintenance is scheduled at Mizushima Plant in 4Q.

## [Specialty Chemicals]

- Electronic chemicals (chemicals for semiconductors): Sales volume is expected to increase in line with the recovery in demand for semiconductors.
- POM and PC: Recovery in demand for automotive and office automation applications is expected. In PC, we will continue to curb sales of unprofitable products, while improving profitability by increasing sales volume of high transparency products, compound products and PC sheet films.
- Optical materials: An increase in sales volume is expected due to production for new smartphone models and other factors.
- BT materials: An increase in sales volume is expected due mainly to a recovery in demand for memory devices and an increase in sales for smartphones.

■FX assumptions: \$1=¥135 (¥5 depreciation from the previous forecast), €1=¥145 (¥5 depreciation from the previous forecast)  
(Sensitivity (USD, rough estimate): Compared to the previous forecast, +¥1.5 bn./2H)

■Crude oil price assumption: \$80/bbl. (same as the previous forecast)  
(Sensitivity (USD, rough estimate): Compared to the previous forecast, ±¥0 bn./2H)

# Appendix

# Results and Forecast by Segment



[JPY in billions]	FY2022 Results			FY2023 Previous Forecast*			FY2023 Revised Forecast		
	1H	2H	FY	1H	2H	FY	1H	2H	FY
<b>Net sales</b>	394.9	386.3	781.2	390.0	460.0	850.0	<b>380.0</b>	<b>460.0</b>	<b>840.0</b>
Basic Chemicals	236.3	242.5	478.9	208.8	229.9	438.7	<b>202.1</b>	<b>232.6</b>	<b>434.8</b>
Specialty Chemicals	161.8	147.1	309.0	186.5	235.4	422.0	<b>182.7</b>	<b>232.7</b>	<b>415.4</b>
Other/Adjustment	(3.3)	(3.4)	(6.7)	(5.3)	(5.4)	(10.7)	<b>(4.9)</b>	<b>(5.3)</b>	<b>(10.3)</b>
<b>Operating profit</b>	33.5	15.5	49.0	22.0	32.0	54.0	<b>14.0</b>	<b>32.0</b>	<b>46.0</b>
Basic Chemicals	14.4	4.3	18.8	7.1	10.7	17.8	<b>6.7</b>	<b>8.4</b>	<b>15.1</b>
Specialty Chemicals	20.3	12.2	32.6	17.1	23.4	40.5	<b>9.5</b>	<b>25.7</b>	<b>35.3</b>
Other/Adjustment	(1.3)	(1.1)	(2.4)	(2.2)	(2.1)	(4.4)	<b>(2.2)</b>	<b>(2.2)</b>	<b>(4.4)</b>
<b>Ordinary profit</b>	49.9	19.8	69.7	24.0	34.0	58.0	<b>16.0</b>	<b>33.0</b>	<b>49.0</b>
Basic Chemicals	20.8	9.6	30.5	9.1	13.8	23.0	<b>7.3</b>	<b>9.7</b>	<b>17.1</b>
Specialty Chemicals	25.3	13.4	38.7	17.9	22.9	40.8	<b>11.2</b>	<b>26.0</b>	<b>37.3</b>
Other/Adjustment	3.7	(3.2)	0.4	(3.0)	(2.8)	(5.9)	<b>(2.6)</b>	<b>(2.8)</b>	<b>(5.4)</b>

\* Announced on May 12, 2023

# Quarterly Results by Segment



[JPY in billions]	FY2022 Results					FY2023 Results/Forecast				
	1Q	2Q	3Q	4Q	FY	1Q	2Q	1H	2H	FY
<b>Net sales</b>	193.9	200.9	204.4	181.8	781.2	<b>187.0</b>	<b>192.9</b>	<b>380.0</b>	<b>460.0</b>	<b>840.0</b>
Basic Chemicals	117.1	119.2	129.3	113.2	478.9	<b>101.9</b>	<b>100.2</b>	<b>202.1</b>	<b>232.6</b>	<b>434.8</b>
Specialty Chemicals	78.8	82.9	77.2	69.9	309.0	<b>87.2</b>	<b>95.4</b>	<b>182.7</b>	<b>232.7</b>	<b>415.4</b>
Other/Adjustment	(2.0)	(1.3)	(2.1)	(1.2)	(6.7)	<b>(2.1)</b>	<b>(2.7)</b>	<b>(4.9)</b>	<b>(5.3)</b>	<b>(10.3)</b>
<b>Operating profit</b>	18.8	14.6	11.8	3.6	49.0	<b>6.2</b>	<b>7.7</b>	<b>14.0</b>	<b>32.0</b>	<b>46.0</b>
Basic Chemicals	7.6	6.8	4.4	(0.1)	18.8	<b>3.2</b>	<b>3.4</b>	<b>6.7</b>	<b>8.4</b>	<b>15.1</b>
Specialty Chemicals	12.0	8.3	8.0	4.2	32.6	<b>3.5</b>	<b>6.0</b>	<b>9.5</b>	<b>25.7</b>	<b>35.3</b>
Other/Adjustment	(0.9)	(0.4)	(0.6)	(0.4)	(2.4)	<b>(0.5)</b>	<b>(1.6)</b>	<b>(2.2)</b>	<b>(2.2)</b>	<b>(4.4)</b>
<b>Ordinary profit</b>	24.8	25.0	13.8	5.9	69.7	<b>7.0</b>	<b>8.9</b>	<b>16.0</b>	<b>33.0</b>	<b>49.0</b>
Basic Chemicals	8.4	12.4	8.1	1.5	30.5	<b>2.0</b>	<b>5.3</b>	<b>7.3</b>	<b>9.7</b>	<b>17.1</b>
Specialty Chemicals	14.5	10.7	8.1	5.2	38.7	<b>4.7</b>	<b>6.5</b>	<b>11.2</b>	<b>26.0</b>	<b>37.3</b>
Other/Adjustment	1.9	1.8	(2.5)	(0.7)	0.4	<b>0.2</b>	<b>(2.8)</b>	<b>(2.6)</b>	<b>(2.8)</b>	<b>(5.4)</b>



# Reference: Results and Forecast by Major Product Groups\*



[JPY in billions]	FY2022 Results			FY2023 Previous Forecast**			FY2023 Revised Forecast		
	1H	2H	FY	1H	2H	FY	1H	2H	FY
<b>Net sales</b>	394.9	386.3	781.2	390.0	460.0	850.0	<b>380.0</b>	<b>460.0</b>	<b>840.0</b>
Natural Gas	119.4	127.7	247.1	96.6	111.9	208.5	<b>93.3</b>	<b>110.3</b>	<b>203.6</b>
Aromatic	119.0	116.7	235.7	114.1	120.0	234.2	<b>110.8</b>	<b>124.3</b>	<b>235.2</b>
Specialty	126.1	122.8	248.9	158.8	192.8	351.7	<b>154.7</b>	<b>193.3</b>	<b>348.0</b>
Information & Advanced Materials	35.8	24.4	60.2	27.6	42.6	70.3	<b>28.0</b>	<b>39.4</b>	<b>67.5</b>
Other/Adjustment	(5.4)	(5.3)	(10.8)	(7.4)	(7.5)	(14.9)	<b>(6.9)</b>	<b>(7.4)</b>	<b>(14.4)</b>
<b>Operating profit</b>	33.5	15.5	49.0	22.0	32.0	54.0	<b>14.0</b>	<b>32.0</b>	<b>46.0</b>
Natural Gas	6.5	2.3	8.8	2.1	5.2	7.3	<b>2.5</b>	<b>3.0</b>	<b>5.6</b>
Aromatic	7.9	1.9	9.8	5.0	5.4	10.5	<b>4.1</b>	<b>5.3</b>	<b>9.4</b>
Specialty	12.9	11.1	24.1	10.2	14.2	24.5	<b>4.3</b>	<b>15.2</b>	<b>19.6</b>
Information & Advanced Materials	7.4	1.0	8.4	6.8	9.1	16.0	<b>5.1</b>	<b>10.5</b>	<b>15.7</b>
Other/Adjustment	(1.3)	(1.0)	(2.3)	(2.2)	(2.1)	(4.4)	<b>(2.2)</b>	<b>(2.1)</b>	<b>(4.4)</b>
<b>Ordinary profit</b>	49.9	19.8	69.7	24.0	34.0	58.0	<b>16.0</b>	<b>33.0</b>	<b>49.0</b>
Natural Gas	12.1	7.9	20.1	4.1	9.1	13.3	<b>2.7</b>	<b>5.1</b>	<b>7.8</b>
Aromatic	8.7	1.6	10.3	5.0	4.7	9.7	<b>4.6</b>	<b>4.6</b>	<b>9.2</b>
Specialty	16.4	11.7	28.1	10.4	13.4	23.9	<b>5.1</b>	<b>15.2</b>	<b>20.4</b>
Information & Advanced Materials	8.8	1.7	10.6	7.4	9.5	16.9	<b>6.1</b>	<b>10.7</b>	<b>16.8</b>
Other/Adjustment	3.7	(3.2)	(0.5)	(3.0)	(2.8)	(5.9)	<b>(2.6)</b>	<b>(2.8)</b>	<b>(5.4)</b>

\* Segments by major product group (These are reference values calculated according to past segments.)

\*\* Announced on May 12, 2023

# Reference: Quarterly Results by Major Product Groups\*



[JPY in billions]	FY2022 Results					FY2023 Results/Forecast				
	1Q	2Q	3Q	4Q	FY	1Q	2Q	1H	2H	FY
<b>Net sales</b>	193.9	200.9	204.4	181.8	781.2	187.0	192.9	380.0	460.0	840.0
Natural Gas	61.6	57.7	67.7	60.0	247.1	49.2	44.0	93.3	110.3	203.6
Aromatic	56.5	62.4	62.6	54.0	235.7	53.5	57.3	110.8	124.3	235.2
Specialty	59.6	66.4	64.2	58.5	248.9	73.5	81.1	154.7	193.3	348.0
Information & Advanced Materials	19.2	16.5	12.9	11.4	60.2	13.6	14.3	28.0	39.4	67.5
Other/Adjustment	(3.1)	(2.3)	(3.2)	(2.1)	(10.8)	(2.9)	(3.9)	(6.9)	(7.4)	(14.4)
<b>Operating profit</b>	18.8	14.6	11.8	3.6	49.0	6.2	7.7	14.0	32.0	46.0
Natural Gas	3.8	2.7	1.7	0.5	8.8	1.8	0.6	2.5	3.0	5.6
Aromatic	3.8	4.0	2.7	(0.7)	9.8	1.3	2.7	4.1	5.3	9.4
Specialty	7.5	5.4	7.2	3.9	24.1	1.6	2.7	4.3	15.2	19.6
Information & Advanced Materials	4.5	2.9	0.8	0.2	8.4	1.8	3.3	5.1	10.5	15.7
Other/Adjustment	(0.9)	(0.4)	(0.6)	(0.4)	(2.3)	(0.6)	(1.6)	(2.2)	(2.1)	(4.4)
<b>Ordinary profit</b>	24.8	25.0	13.8	5.9	69.7	7.0	8.9	16.0	33.0	49.0
Natural Gas	3.9	8.1	5.3	2.6	20.1	0.5	2.1	2.7	5.1	7.8
Aromatic	4.4	4.2	2.8	(1.1)	10.3	1.5	3.1	4.6	4.6	9.2
Specialty	9.0	7.3	6.6	5.0	28.1	2.4	2.6	5.1	15.2	20.4
Information & Advanced Materials	5.4	3.4	1.5	0.1	10.6	2.2	3.8	6.1	10.7	16.8
Other/Adjustment	1.9	1.8	(2.5)	(0.7)	0.5	0.2	(2.8)	(2.6)	(2.8)	(5.4)

\*Segments by major product group (These are reference values calculated according to past segments.)

# FY2023 1Q Balance Sheets



[JPY in billions]	Mar. 31, 2023	Jun. 30, 2023	Changes
<b>Current assets</b>	483.2	<b>530.3</b>	+47.0
Cash and deposits	108.3	<b>97.2</b>	-11.1
Trade notes and Accounts receivable	176.6	<b>186.4</b>	+9.8
Inventories	178.1	<b>218.9</b>	+40.7
Others	20.1	<b>27.6</b>	+7.5
<b>Non-current assets</b>	546.0	<b>579.3</b>	+33.3
Tangible assets	313.7	<b>335.5</b>	+21.8
Intangible assets	11.9	<b>28.6</b>	+16.6
Investments and other assets	220.3	<b>215.1</b>	-5.1
<b>Total assets</b>	1,029.3	<b>1,109.7</b>	+80.4

[JPY in billions]	Mar. 31, 2023	Jun. 30, 2023	Changes
<b>Liabilities</b>	358.0	<b>406.2</b>	+48.1
Trade note and accounts payable	88.3	<b>102.9</b>	+14.6
Interest-bearing debt	166.9	<b>193.4</b>	+26.5
Others	102.7	<b>109.8</b>	+7.0
<b>Net assets</b>	671.2	<b>703.4</b>	+32.2
Shareholders' equity	573.8	<b>586.7</b>	+12.8
Accumulated other comprehensive income	33.7	<b>43.0</b>	+9.2
Non controlling interest	63.6	<b>73.7</b>	+10.0
<b>Total liabilities and net assets</b>	1,029.3	<b>1,109.7</b>	+80.4
<b>Equity ratio</b>	59.0%	<b>56.7%</b>	-2.3

# Appendix: Key Indicators (1)

[JPY in billions]	2019	2020	2021	2022	2023 (F)
Capital expenditure [1Q]	42.3 [11.5]	40.2 [8.7]	54.7 [11.5]	64.6 [15.3]	<b>107.0</b> <b>[18.3]</b>
Depreciation & amortization [1Q]	29.5 [7.1]	30.6 [7.5]	31.9 [7.8]	33.5 [7.9]	<b>40.0</b> <b>[9.1]</b>
R&D expenditure [1Q]	19.6 [4.5]	19.9 [4.7]	21.0 [4.9]	23.5 [5.5]	<b>27.5</b> <b>[6.2]</b>
Employees (as of Mar. 31)	8,954	8,998	9,888	10,050	<b>11,018</b>
EPS (Yen)	101	173	232	239	<b>229</b>
ROA (%)	3.9	6.2	8.4	7.1	<b>4.4</b>
ROE (%)	4.3	7.1	8.8	8.3	<b>7.6</b>
ROIC (%) <sup>*1</sup>	4.9	7.7	10.4	8.8	<b>5.4</b>
Operating profit margin (%)	5.6	7.5	7.8	6.3	<b>5.5</b>
EBITDA <sup>*2</sup>	61.6	81.7	107.0	105.0	<b>92.1</b>
Dividend (Yen) <sup>*3</sup> [of which, interim dividend]	70.0 [35.0]	70.0 [35.0]	80.0 <sup>*4</sup> [45.0 <sup>*4</sup> ]	80.0 [40.0]	<b>80.0</b> <b>[40.0]</b>

\*1 ROIC = Ordinary profit/invested capital \*2 EBITDA = Ordinary profit + depreciation expense + interest paid  
\*3 The Company conducted a consolidation of shares at a ratio of one share for every two shares effective October 1, 2016. EPS and dividends have been calculated by retroactive adjustment applying the above share consolidation to preceding periods as well.  
\*4 Commemorative dividend 10yen

## Appendix: Key Indicators (2)

	FY2019		FY2020		FY2021		FY2022		FY2023	
	1H	2H	1H	2H	1H	2H	1H	2H	1H (F)	2H (F)
FX(JPY/USD)	109	109	107	105	110	115	134	137	136	135
FX(JPY/EUR)	121	120	121	126	131	130	139	143	147	145
Crude oil (Dubai) (USD/bbl.)	64	56	37	52	69	87	102	83	79	80
Methanol (USD/MT)	277	245	194	319	370	428	375	351	309	340
Mixed xylene (USD/MT)	705	640	420	560	780	875	1,105	925	930	880
Bisphenol A (USD/MT)*	1,000 ~1,450	1,050 ~1,350	900 ~1,450	1,400 ~3,300	2,750 ~3,700	2,100 ~3,150	1,450 ~2,200	1,250 ~1,700	1,150 ~1,300	1,200 ~1,400
Polycarbonate (USD/MT)*	1,900 ~2,250	1,650 ~2,000	1,500 ~2,150	2,100 ~4,000	3,100 ~4,050	2,650 ~3,650	1,950 ~2,900	1,800 ~2,200	1,650 ~1,850	1,700 ~1,900

\*Describe the minimum and maximum values during the period

### Sensitivity (rough estimates)

FX (USD): with an appreciation (depreciation) of ¥1 against the USD, annual operating profit falls (increases) by ¥0.6 bn, while annual ordinary profit falls (increases) by ¥0.6 bn.

FX (EUR): with an appreciation (depreciation) of ¥1 against the EUR, annual operating profit falls (increases) by ¥0.2 bn, while annual ordinary profit falls (increases) by ¥0.2 bn.

Crude oil (Dubai): A \$1/bbl. increase (drop) in crude oil reduces (raises) profit by ¥0.2 bn (excluding methanol affect).

Methanol: \$1/MT increase (drop) in market price raises (reduces) equity in earnings of affiliates by ¥0.1 bn.

# Reference: Main products of Each Reportable Segment



Reportable Segments	Major Product Groups	Main Products
<b>Basic Chemicals</b>	Natural Gas Chemicals	<ul style="list-style-type: none"> <li>•Methanol</li> <li>•Methanol and ammonia-based chemicals (ammonia and amines, MMA products, formalin and polyol products, etc.)</li> <li>•Energy resources and environmental businesses</li> </ul>
	Aromatic Chemicals	<ul style="list-style-type: none"> <li>•High-performance products (MXDA, MX nylon, aromatic aldehydes, etc.)</li> <li>•Xylene separators and derivatives (Meta-xylene, purified isophthalic acid (PIA), etc.)</li> <li>•Foamed plastics (JSP)</li> </ul>
<b>Specialty Chemicals</b>	Specialty Chemicals	<ul style="list-style-type: none"> <li>•Inorganic chemicals (electronic chemicals (super-pure hydrogen peroxide, hybrid chemicals), hydrogen peroxide, etc.)</li> <li>•Engineering plastics (polycarbonate/sheet film, polyacetal, etc.)</li> <li>•Optical materials (optical polymers, ultra-high refractive lens monomer, etc.)</li> </ul>
	Information and Advanced Materials	<ul style="list-style-type: none"> <li>•Electronic materials (BT materials for IC plastic packaging, etc.)</li> <li>•Oxygen absorbers (AGELESS™, etc.)</li> </ul>

## Disclaimer

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