# Financial Results for FY2016 & Outlook for FY2017

May 16, 2017



#### (Cautionary Statement)

Statements made in this material with respect to Sumitomo Chemical's current plans, estimates, strategies and beliefs that are not historical facts are forward-looking statements about the future performance of Sumitomo Chemical. These statements are based on management's assumptions and beliefs in light of the information currently available to it, and involve risks and uncertainties. The important factors that could cause actual results to differ materially from those discussed in the forward-looking statements include, but are not limited to, general economic conditions in Sumitomo Chemical's markets; demand for, and competitive pricing pressure on, Sumitomo Chemical's products in the marketplace; Sumitomo Chemical's ability to continue to win acceptance for its products in these highly competitive markets; and movements of currency exchange rates.

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# 1. Consolidated Financial Results for FY2016 Ended March 31, 2017



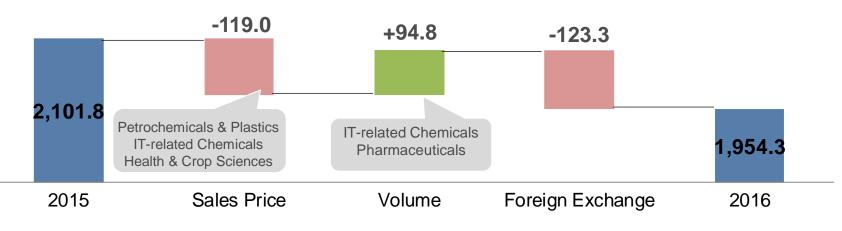
	Unit; billions o					
	FY2015	FY2016	Difference	Ratio		
Net sales	2,101.8	1,954.3	-147.5	-7.0%		
Operating income	164.4	134.3	-30.1	-18.3%		
(Equity in earnings of affiliates)	(20.2)	(41.2)	(21.0)	-		
(Net exchange gain / loss)	(-8.5)	(-1.1)	(7.4)	-		
Ordinary income	171.2	166.6	-4.6	-2.7%		
(Extraordinary gain / loss)	(-13.6)	(-21.4)	(-7.8)	-		
(Income taxes)	(-45.2)	(-28.1)	(17.0)	-		
Net income	112.4	117.1	4.7	-		
(Net income attributable to non-controlling interests)	(-30.9)	(-31.6)	(-0.6)	-		
Net income attributable to owners of the parent	81.5	85.5	4.0	4.9%		
ROE	10.5%	10.8%				
Exchange rate (yen/USD)	120.15	108.34				
Naphtha price (yen/KL)	42,800	34,700				
Overseas sales ratio	61.3%	60.7%				



#### Net Sales by Business Segments

	FY2015	FY2016	Difference	Ratio	Sales Price Variance	Shipping Volume Variance	Foreign Currency Conversion Variance
Petrochemicals & Plastics	657.1	572.0	-85.1	-12.9%	-42.0	-9.3	-33.8
Energy & Functional Materials	209.0	205.9	-3.1	-1.5%	-13.0	13.7	-3.8
IT-related Chemicals	384.5	358.4	-26.1	-6.8%	-31.0	43.5	-38.6
Health & Crop Sciences	359.0	319.3	-39.7	-11.1%	-26.0	8.8	-22.5
Pharmaceuticals	435.5	444.2	8.7	2.0%	-7.0	40.3	-24.6
Others & Adjustments	56.6	54.4	-2.2	-3.9%	0.0	-2.2	-0.0
Total	2,101.8	1,954.3	-147.5	-7.0%	-119.0	94.8	-123.3

#### Analysis

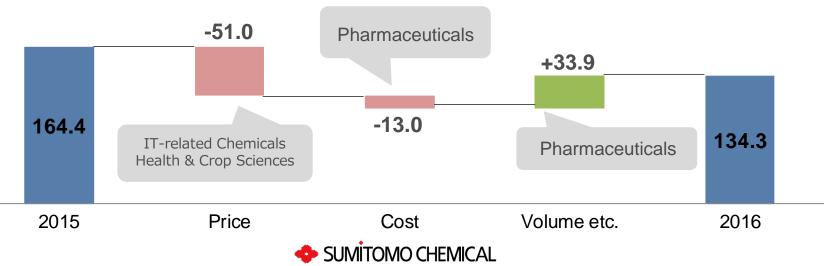


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### **Operating Income by Business Segments**

	FY2015	FY2016	Difference	Price Variance	Cost Variance	Shipping Volume Variance and Other	Total
Petrochemicals & Plastics	28.8	26.6	-2.2	9.0	-4.0	-7.2	-2.2
Energy & Functional Materials	2.8	7.2	4.4	0.5	0.0	3.9	4.4
IT-related Chemicals	19.9	10.3	-9.5	-35.0	17.5	8.0	-9.5
Health & Crop Sciences	77.5	46.2	-31.4	-18.5	-8.5	-4.4	-31.4
Pharmaceuticals	42.7	55.1	12.4	-7.0	-18.5	37.9	12.4
Others & Adjustments	-7.2	-11.0	-3.8	0.0	0.5	-4.3	-3.8
Total	164.4	134.3	-30.1	-51.0	-13.0	33.9	-30.1

#### Analysis



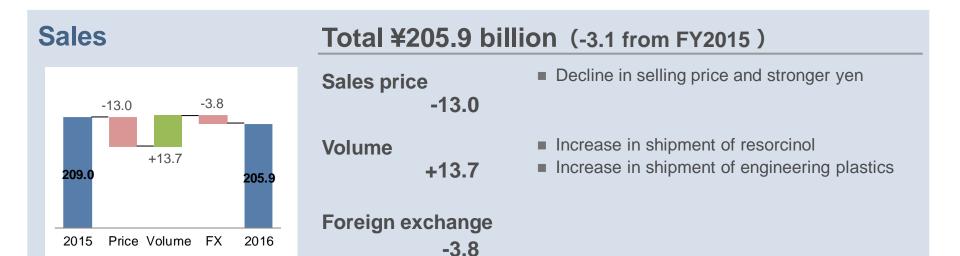


**Operating income** 



Total ¥26.6 billio	n (-2.2 from FY2015 )
Price variance +9.0	<ul> <li>Better profit margin on MMA and raw materials for synthetic fibers</li> </ul>
Cost variance -4.0	Increase in cost of actuarial gain and loss
Volume variance etc. -7.2	<ul><li>Temporary licensing revenue in FY2015</li><li>Negative impact of stronger yen</li></ul>





**Operating income** 







### **Total ¥358.4 billion** (-26.1 from FY2015)

Sales price -31.0 Volume +43.5**Foreign exchange** -38.6

#### Decline in selling price of polarizing film Decline in selling price of touchscreen panels Increase in shipment of touchscreen panels Increase in shipment of polarizing film

**Operating income** 



# **Total ¥10.3 billion** (-9.5 from FY2015)

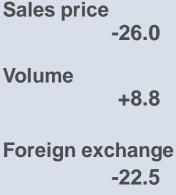
- Decline in selling price of polarizing film **Price variance** Decline in selling price of touchscreen panels -35.0Rationalization of the use of raw materials **Cost variance** +17.5Volume variance etc. Increase in shipment of touchscreen panels +8.0
  - Increase in shipment of polarizing film







#### Total ¥319.3 billion (-39.7 from FY2015)



#### Lower market price for feed additive methionine

New consolidation of Indian subsidiary

**Operating income** 



e	Total ¥46.2 billio	(-31.4	from FY2015 )
	Price variance -18.5	Lower n methion	narket price for feed additive ine
6.2	Cost variance -8.5		e in R&D cost e in cost of actuarial gain and loss
)16	Volume variance etc. -4.4	Negativ	e impact of stronger yen



#### Pharmaceuticals - Segment Analysis -



Operating income	Total ¥55.1 billion (+12.4 from FY2015)					
	Price variance -7.0	NHI price revision in Japan				
+37.9	Cost variance -18.5	Increase in sales expense				
42.7 00.1 2015 Price Cost Volume 2016	Volume variance etc. +37.9	<ul> <li>Increase in shipment of Latuda<sup>®</sup> in North America</li> </ul>				



	FY2015	FY2016	Difference			
Impairment loss	-24.7	-34.3	-9.6			
Restructuring charges	-4.8	-18.9	-14.1			
Gain on sale of investment securities	15.8	27.3	11.5			
Gain on step acquisitions	-	3.4	3.4			
Gain on sale of property, plant and equipment	-	1.0	1.0			
Extraordinary gains / losses	-13.6	-21.4	-7.8			



Gain on sales of investment securities

27.3 billion yen

34.3 billion yen

Sales of investment securities held by Sumitomo Chemical and Sumitomo Dainippon Pharma

Impairment loss

Major ItemsAmountOptical functional film production facilities10.2 billion yenHigh-purity alumina production facilities •<br/>High-purity alminum production facilities6.7 billion yenS-SBR production facilities5.1 billion yenElectrolyzers3.4 billion yenNitric acid • Aniline production facilities2.9 billion yen



#### **Consolidated Balance Sheets**

Unit; billions of yen

0.8

0.8

0.0

	31-Mar-16	31-Mar-17	Difference		31-Mar-16	31-Mar-17	Difference
Current assets	1,187.9	1,231.1	43.2	Liabilities	1,571.4	1,699.5	128.2
Cash and cash equivalents	215.6	193.3	-22.3	Trade notes and accounts payable	205.2	243.5	38.4
Trade notes and accounts receivable	414.8	455.2	40.4	Interest-bearing Liabilities	831.5	875.3	43.7
Inventories	402.3	409.4	7.1	Others	534.7	580.7	46.1
Others	155.3	173.2	18.0	Net assets	1,090.8	1,162.5	71.8
Non-current assets	1,474.2	1,630.9	156.7	Shareholders' equity	643.7	707.0	63.3
Property, plant and equipment	642.2	626.2	-16.0	Accumulated other comprehensive income	123.2	113.3	-9.8
Intangible assets	187.3	357.6	170.3	Non-controlling interests	323.9	342.2	18.3
Investment and other assets	644.8	647.1	2.3				
Total	2,662.2	2,862.1	199.9	Total	2,662.2	2,862.1	199.9
				Shareholders' equity ratio	28.8%	28.7%	-0.1%



D/E ratio

### **Consolidated Statements of Cash Flows**

			Unit; billions of yen
	FY2015	FY2016	Difference
Cash flows from operating activities	261.2	187.4	-73.7
Cash flows from investing activities	-53.7	-199.7	-146.1
Free cash flows	207.5	-12.3	-219.8
Cash flows from financing activities	-178.0	-8.1	169.8
Effect of exchange rate changes on cash and cash equivalents	-14.3	-1.9	12.4
Net change in cash and cash equivalents	15.3	-22.3	-37.6
Cash and cash equivalents at end of year	215.6	193.3	-22.3



## Segment Topics

Petrochemicals & Plastics	<ul> <li>Integrated polyolefin film business</li> <li>Expanded polypropylene compound business globally</li> <li>Made polycarbonate joint venture a wholly owned subsidiary</li> </ul>					
Energy & Functional Materials	<ul> <li>Decided to expand polyethersulfone production capacity</li> <li>Acquired majority stake in manufacturer of cathode materials for secondary batteries</li> <li>Decided to expand production capacity for lithium-ion secondary battery separators</li> </ul>					
IT-related Chemicals	<ul> <li>Expanded production capacity for glass-based touchscreen panels</li> <li>Decided to expand production capacity for film-based touchscreen panels</li> <li>Decided to expand color resist business globally</li> </ul>					
Health & Crop Sciences	<ul> <li>Decided to strengthen research and development capabilities in Japan and North America</li> <li>Decided to expand methionine production capacity</li> <li>Acquired Indian agrochemicals company</li> </ul>					
Pharmaceuticals	<ul> <li>Offering early retirement program (Sumitomo Dainippon Pharma)</li> <li>Acquired Cynapsus Therapeutics Inc. developing treatment for Parkinson's disease</li> <li>Acquired Tolero Pharmaceuticals, Inc. developing treatment for hematologic malignancies</li> </ul>					
malignancies SUMÍTOMO CHEMICAL						

## 2. Outlook for FY2017



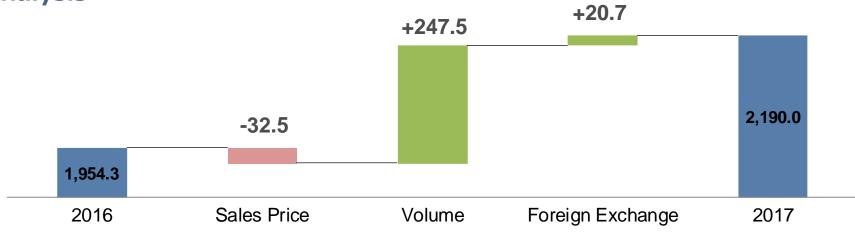
	FY2016	FY2017 (estimated)	Difference	Ratio
Net sales	1,954.3	2,190.0	235.7	12.1%
Operating income	134.3	165.0	30.7	22.8%
(Equity in earnings of affiliates)	(41.2)	(35.0)	(-6.2)	-
Ordinary income	166.6	185.0	18.4	11.0%
Net income attributable to owners of the parent	85.5	100.0	14.5	17.0%
ROE	10.8%	11.8%		
Exchange rate (yen/USD)	108.34	110.00		
Naphtha price (yen/KL)	34,700	37,000		



### Net Sales by Business Segments

	FY2016	FY2017 (estimated)	Difference	Ratio	Sales Price Variance	Shipping Volume Variance	Foreign Currency Conversion Variance
Petrochemicals & Plastics	572.0	640.0	68.0	11.9%	-4.5	67.7	4.8
Energy & Functional Materials	205.9	250.0	44.1	21.4%	-1.5	44.8	0.8
IT-related Chemicals	358.4	385.0	26.6	7.4%	-28.5	48.3	6.8
Health & Crop Sciences	319.3	380.0	60.7	19.0%	2.0	54.4	4.3
Pharmaceuticals	444.2	480.0	35.8	8.1%	0.0	31.8	4.0
Others & Adjustments	54.4	55.0	0.6	1.0%	0.0	0.6	0.0
Total	1,954.3	2,190.0	235.7	12.1%	-32.5	247.5	20.7

Analysis



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#### **Operating Income by Business Segments**

Unit; billions of yen										
	FY2016	FY2017 (estimated)	Difference	Price Variance	Cost Variance	Shipping Volume Variance and Other	Total			
Petrochemicals & Plastics	26.6	27.0	0.4	-3.0	0.5	2.9	0.4			
Energy & Functional Materials	7.2	12.0	4.8	-1.5	-1.5	7.8	4.8			
IT-related Chemicals	10.3	21.0	10.7	-27.5	14.5	23.7	10.7			
Health & Crop Sciences	46.2	60.0	13.8	1.0	-4.0	16.8	13.8			
Pharmaceuticals	55.1	57.0	1.9	0.0	-18.0	19.9	1.9			
Others & Adjustments	-11.0	-12.0	-1.0	0.0	0.0	-1.0	-1.0			
Total	134.3	165.0	30.7	-31.0	-8.5	70.2	30.7			

#### Analysis









**Operating income** 





## Energy & Functional Materials - Segment Analysis -





Total ¥12.0 billion	n (+4.8 from FY2016 )
Price variance -1.5	
Cost variance -1.5	<ul> <li>Increase in fixed cost due to expansion of production capacity for lithium-ion secondary battery separator</li> </ul>
Volume variance etc. +7.8	<ul> <li>Expansion of production capacity for lithium-ion secondary battery separator</li> <li>Sales expansion of engineering plastics and resorcinol</li> </ul>

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### Total ¥385.0 billion (+26.6 from FY2016)

Sales price -28.5 Volume +48.3 Foreign exchange

+6.8

## Decline in selling price of polarizing filmDecline in selling price of touchscreen panels

Increase in shipment of polarizing film

Increase in shipment of touchscreen panels

**Operating income** 



## Total ¥21.0 billion (+10.7 from FY2016)

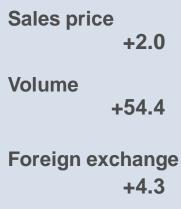
 Price variance -27.5
 Decline in selling price of polarizing film
 Decline in selling price of touchscreen panels
 Rationalization of the use of raw materials
 Improvement of production yield
 Increase in shipment of polarizing film
 Increase in shipment of touchscreen panels







### Total ¥380.0 billion (+60.7 from FY2016)



#### Recovery of market price for feed additive methionine

 Increase in shipment of crop protection chemical in overseas market

**Operating income** 



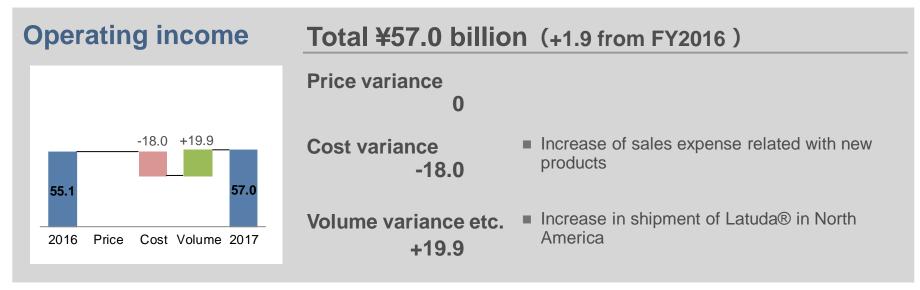
Total ¥60.0 billior	(+13.8 from FY2016 )
Price variance +1.0	<ul> <li>Recovery of market price for feed additive methionine</li> </ul>
Cost variance -4.0	Increase in R&D cost

Volume variance etc. +16.8

Increase in shipment of crop protection chemical in overseas market









IJ	nit <sup>.</sup>	bil	lions	of	<i>l</i> en
$\sim$					

	FY2016	FY2017 (estimated)	Difference
Cash flows from operating activities	187.4	190.0	2.6
Cash flows from investing activities	-199.7	-150.0	49.7
Free cash flows	-12.3	40.0	52.3
Cash flows from financing activities	-8.1	-40.0	-31.9
Effect of exchange rate changes on cash and cash equivalents	-1.9	0.0	1.9
Net change in cash and cash equivalents	-22.3	0.0	22.3
Interest-bearing debt balance	875.3	870.0	-5.3



# (Reference: Segment Information)



							Unit; billi	ons of yen
		FY2(	)15		FY2016			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Petrochemicals & Plastics	198.5	163.6	156.3	138.7	137.0	128.7	148.4	158.0
Energy & Functional Materials	52.5	52.6	52.0	51.9	47.0	47.5	51.5	59.9
IT-related Chemicals	104.1	104.0	96.6	79.8	86.0	88.7	95.1	88.6
Health & Crop Sciences	82.0	75.2	71.1	130.7	64.0	61.8	66.1	127.4
Pharmaceuticals	106.2	108.8	113.5	107.0	111.7	102.6	115.5	114.5
Others & Adjustments	13.4	15.0	12.4	16.0	10.9	14.7	12.7	16.1
Total	556.6	519.3	501.9	524.0	456.6	444.0	489.3	564.5



### Net Sales by Business Segments II (Quarterly)

		FY2	FY2017 (estimated)			
	1Q	2Q	3Q	4Q	1st Half	2nd Half
Petrochemicals & Plastics	137.0	128.7	148.4	158.0	300.0	340.0
Energy & Functional Materials	47.0	47.5	51.5	59.9	120.0	130.0
IT-related Chemicals	86.0	88.7	95.1	88.6	190.0	195.0
Health & Crop Sciences	64.0	61.8	66.1	127.4	150.0	230.0
Pharmaceuticals	111.7	102.6	115.5	114.5	235.0	245.0
Others & Adjustments	10.9	14.7	12.7	16.1	25.0	30.0
Total	456.6	444.0	489.3	564.5	1,020.0	1,170.0



**FY2015 FY2016** 3Q 4Q 1Q 2Q 3Q 4Q 1Q 2Q **Petrochemicals & Plastics** 6.9 6.4 12.4 3.0 1.8 4.9 10.9 9.1 **Energy & Functional Materials** 2.3 1.2 -0.7 0.7 1.5 3.0 2.1 0.0 -1.0 1.4 **IT-related Chemicals** 7.3 8.8 4.8 1.1 6.5 1.4 Health & Crop Sciences 16.1 10.9 13.8 36.6 9.1 3.8 3.7 29.6 Pharmaceuticals 5.8 13.5 15.7 15.3 12.6 18.2 7.7 9.0 Others & Adjustments -0.9 -2.6 -0.7 -3.0 -1.8 -3.2 -3.1 -3.0 Total 33.2 41.1 45.3 44.9 25.3 21.9 39.0 48.1



		FY2	FY2017 (e	stimated)		
	1Q	2Q	3Q	4Q	1st Half	2nd Half
Petrochemicals & Plastics	1.8	4.9	10.9	9.1	13.0	14.0
Energy & Functional Materials	0.7	1.5	3.0	2.1	5.0	7.0
IT-related Chemicals	1.4	1.1	6.5	1.4	11.0	10.0
Health & Crop Sciences	9.1	3.8	3.7	29.6	13.0	47.0
Pharmaceuticals	15.3	12.6	18.2	9.0	28.0	29.0
Others & Adjustments	-3.0	-1.8	-3.2	-3.1	-5.0	-7.0
Total	25.3	21.9	39.0	48.1	65.0	100.0



	FY2015	FY2016	FY2017 (estimated)
Capital expenditures	103.8	130.1	140.0
Depreciation and amortization	116.6	110.3	119.0
Research & development expenses	155.8	157.6	168.0
Number of employees (as of March 31)	31,094	32,536	33,100



	FY2015	FY2016	Difference
Petrochemicals & Plastics	20.7	27.7	7.0
Energy & Functional Materials	20.6	19.1	-1.5
IT-related Chemicals	26.7	33.7	6.9
Health & Crop Sciences	15.5	23.9	8.4
Pharmaceuticals	13.9	14.9	1.1
Others & Adjustments	6.3	10.8	4.5
Total	103.8	130.1	26.4



	FY2016	FY2017 (estimated)	Difference
Petrochemicals & Plastics	27.7	26.5	-1.2
Energy & Functional Materials	19.1	30.0	10.9
IT-related Chemicals	33.7	28.0	-5.7
Health & Crop Sciences	23.9	32.0	8.1
Pharmaceuticals	14.9	14.5	-0.4
Others & Adjustments	10.8	9.0	-1.8
Total	130.1	140.0	9.9



	FY2015	FY2016	Difference
Petrochemicals & Plastics	22.2	20.1	-2.1
Energy & Functional Materials	11.8	11.3	-0.5
IT-related Chemicals	35.0	31.8	-3.2
Health & Crop Sciences	16.3	17.3	1.0
Pharmaceuticals	22.2	20.7	-1.5
Others & Adjustments	9.2	9.1	-0.1
Total	116.6	110.3	-6.3



	FY2016	FY2017 (estimated)	Difference
Petrochemicals & Plastics	20.1	22.5	2.4
Energy & Functional Materials	11.3	14.5	3.2
IT-related Chemicals	31.8	34.5	2.7
Health & Crop Sciences	17.3	17.0	-0.3
Pharmaceuticals	20.7	22.5	1.8
Others & Adjustments	9.1	8.0	-1.1
Total	110.3	119.0	8.7



	FY2015	FY2016	Difference
Petrochemicals & Plastics	6.2	6.0	-0.1
Energy & Functional Materials	8.0	9.1	1.1
IT-related Chemicals	16.6	16.0	-0.6
Health & Crop Sciences	26.8	27.8	1.0
Pharmaceuticals	83.7	83.1	-0.6
Others & Adjustments	14.5	15.5	1.0
Total	155.8	157.6	1.8



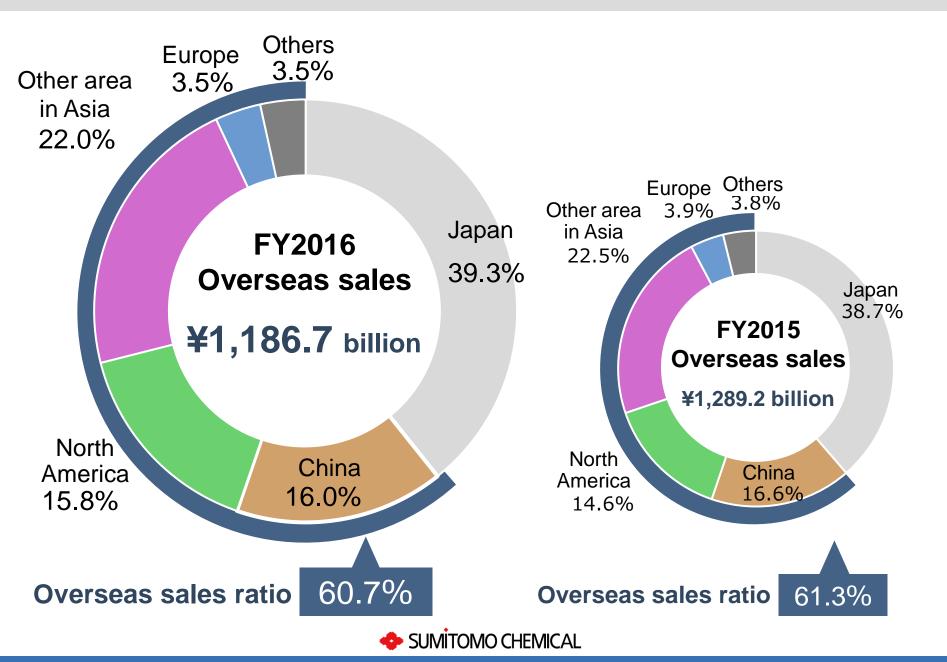
	FY2016	FY2017 (estimated)	Difference
Petrochemicals & Plastics	6.0	7.0	1.0
Energy & Functional Materials	9.1	9.0	-0.1
IT-related Chemicals	16.0	16.5	0.5
Health & Crop Sciences	27.8	33.0	5.2
Pharmaceuticals	83.1	87.0	3.9
Others & Adjustments	15.5	15.5	-0.0
Total	157.6	168.0	10.4



Compony	Net Sales		Profit Trends
Company	FY2015	FY2016	Prolit Trends
The Polyolefin Company (Singapore) (millions of USD)	1,180	1,092	Maintaining due to better margins
Petrochemical Corporation of Singapore (millions of USD)	2,409	2,360	Maintaining due to better margins
Rabigh Refining and Petrochemical Company (millions of SAR)	25,514	25,146	Increased due to periodic plant maintenance in the previous fiscal year, inventory valuation gains from higher raw material prices and other factors
Dongwoo Fine-Chem (billions of KRW)	2,149	2,137	Decreased due to lower selling price and other factors despite higher sales volume
Valent U.S.A. and Subsidiaries (millions of USD)	885	913	Decreased due to difference of product mix



### **Overseas Sales**



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