

Announcement of Business Results for the First Quarter Ended June 30, 2017 (April – June, 2017)

August 7, 2017

Toray Industries, Inc.

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TORAY



I. Consolidated Business Results for the 1Q Ended June 30, 2017 (April – June, 2017)

Summary of Consolidated Business Results for the 1Q Ended June 30, 2017

	Billion							
	FY Mar/17 1Q	FY Mar/18 1Q	Cha	nges				
Net Sales	478.1	508.1	+30.0	(+6.3%)				
Cost of Sales	368.5	397.7	+29.2	(+7.9%)	Exchange Rate <yen us\$=""></yen>			
Gross Profit	109.6	110.4	+0.7	(+0.7%)	Ŭ	108.1	$\stackrel{\rightarrow}{\rightarrow}$	FY Mar/18 1Q 111.1
(Gross Profit to Net Sales)	22.9%	21.7%	-1.2	points	End of the term :	102.9	\rightarrow	112.0
Operating Income	41.0	38.9	-2.1	(-5.2%)		FY Mar/17 1Q	\rightarrow	FY Mar/18 1Q
(Operating Income to Net Sales)	8.6%	7.6%	-0.9	points	Average : End of the term :	122.0 114.4	\rightarrow	122.2 128.0
Non-operating Income and Expenses, net	0.8	0.9	+0.1					
Ordinary Income	41.8	39.7	-2.1	(-4.9%)				
Special Credits and Charges, net	▲ 0.2	▲ 0.8	-0.6					
Income before Income Taxes	41.6	38.9	-2.7	(-6.4%)				
Net Income Attributable to Owners of Parent	29.7	26.1	-3.6	(-12.1%)				

Non-operating Income and Expenses

			Billion yen
	FY Mar/17 1Q	FY Mar/18 1Q	Changes
Non-operating Income	6.3	6.7	+0.3
Interest and Dividend Income	2.0	2.1	+0.1
Equity in Earnings of Affiliates	2.2	2.9	+0.7
Others	2.2	1.7	-0.5
Non-operating Expenses	▲ 5.5	▲ 5.8	-0.2
Interest Expenses	▲ 1.2	▲ 1.3	-0.1
Costs related to Start-up of New Facilities	▲ 0.4	▲ 1.4	-1.0
Costs related to Idle Facilities	▲ 1.1	▲ 1.3	-0.2
Others	▲ 2.9	▲ 1.8	+1.1
Non-operating Income and Expenses, net	0.8	0.9	+0.1
Interest and Dividend Income, Interest Expenses, net	0.8	0.8	-0.0

* Positive numbers : Income, Negative numbers (•) : Expenses

Special Credits and Charges

Billion yen

		FY Mar/17 1Q	FY Mar/18 1Q	Changes
Special Cred	lits	0.8	0.2	-0.6
	Gain on Sales of Property, Plant and Equipment	0.8	0.2	-0.6
	Others	-	0.0	+0.0
Special Char	Special Charges		▲ 1.0	+0.0
	Loss on Sales and Disposal of Property, Plant and Equipment	▲ 0.8	▲ 1.0	-0.2
	Loss on Sales of Investment Securities	▲ 0.2	-	+0.2
	Others	-	▲ 0.1	-0.1
Special Cred	lits and Charges, net	▲ 0.2	▲ 0.8	-0.6

* Positive numbers : Income, Negative numbers (•) : Expenses

Assets, Liabilities and Net Assets

		End of Mar/17	End of Jun/17	Changes
Tot	al Assets	2,396.8	2,424.3	+27.5
	Current Assets	1,066.7	1,075.4	+8.7
	Tangible Assets	881.4	892.7	+11.2
	Intangible Assets	77.3	77.2	-0.1
	Investment and Other Assets	371.3	379.0	+7.7

	End of Mar/17	End of Jun/17	Changes
Total Liabilities	1,296.6	1,302.9	+6.3
Current Liabilities	670.0	690.1	+20.1
Other Liabilities	626.6	612.8	-13.9
Total Net Assets	1,100.2	1,121.4	+21.2
Owner's Equity	1,021.3	1,041.1	+19.8
Equity Ratio	42.6%	42.9%	+0.3 points
Interest-bearing Debts	716.4	743.4	+27.0

D/E Ratio 0.70 0.71 +0.01



Capital Expenditures, Depreciation and R&D Expenses

			Billion yen
	FY Mar/17 1Q	FY Mar/18 1Q	Changes
Capital Expenditures*	25.8	32.7	+6.8
Тогау	3.6	3.3	-0.3
Consolidated Subsidiaries	22.3	29.4	+7.1
Depreciation*	22.2	23.0	+0.8
Тогау	6.9	7.7	+0.8
Consolidated Subsidiaries	15.3	15.3	+0.0
R&D Expenses	14.2	15.8	+1.6
Тогау	10.4	12.2	+1.8
Consolidated Subsidiaries	3.9	3.7	-0.2

* Include tangible assets and intangible assets (excluding goodwill)

Major Capital Expenditure Projects :

Toray Advanced Materials Korea Inc. Toray Battery Separator Film Korea Limited Toray Advanced Textile Mexico, S.A. de C.V.

- High-functional polypropylene spunbond production facilities
- : Polyethylene film SETELA[®] production facilities
 - Automobile airbag nylon fiber and fabric production facilities

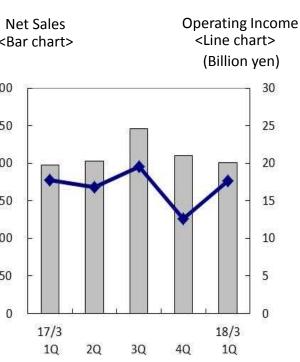


Net Sales and Operating Income by Segment

		Net Sales		Operating Income			ie	
	FY Mar/17 1Q	FY Mar/18 1Q	Changes	FY Mar/17 1Q	FY Mar/18 1Q	Cl	nanges	
Fibers & Textiles	197.7	201.1	+3.4 (+1.7%)	17.8	17.6	-0.1	(-0.8%)	
Performance Chemicals	174.8	191.2	+16.4 (+9.4%)	15.5	16.6	+1.1	(+7.3%)	
Carbon Fiber Composite Materials	43.8	42.7	-1.1 (-2.4%)	9.8	5.7	-4.1	(-41.6%)	
Environment & Engineering	46.2	56.9	+10.7 (+23.1%)	2.5	4.3	+1.8	(+73.3%)	
Life Science	11.9	12.2	+0.3 (+2.9%)	0.2	0.8	+0.6	(+275.4%)	
Others	3.8	4.0	+0.2 (+4.2%)	▲ 0.0	0.2	+0.3	(-)	
Total	478.1	508.1	+30.0 (+6.3%)	45.7	45.3	-0.4	(-0.9%)	
Adjustment				▲ 4.7	▲ 6.4	-1.8		
Consolidated	478.1	508.1	+30.0 (+6.3%)	41.0	38.9	-2.1	(-5.2%)	

Business Results by Segment (Fibers & Textiles)

					Billion yen	
		FY Mar/17	FY Mar/18	Cha	ngos	
		1Q	1Q	Спа	Changes	
	Toray	45.0	46.7	+1.7	(+3.9%)	
	Japanese Subsidiaries	92.9	91.0	-1.9	(-2.1%)	
Net Sales	Overseas Subsidiaries	125.0	135.3	+10.3	(+8.3%)	
	Adjustment	▲ 65.2	▲ 71.9	-6.7		
	Total	197.7	201.1	+3.4	(+1.7%)	
	Toray	5.7	6.0	+0.3	(+5.5%)	
	Japanese Subsidiaries	1.6	1.8	+0.3	(+16.1%)	
Operating Income	Overseas Subsidiaries	11.7	11.9	+0.2	(+1.8%)	
	Adjustment	▲ 1.2	▲ 2.1	-0.9		
	Total	17.8	17.6	-0.1	(-0.8%)	



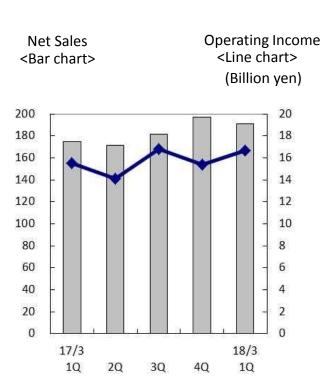
- Japan : Demand for apparel applications remained weak in general in spite of a recovery trend in some industrial applications. Against this background, Toray Group not only strived to expand sales in various applications but also worked to upgrade the business through measures such as promotion of a business format that integrates fibers to textiles to final products, and reduce costs.
- **Overseas :** Business performance of some subsidiaries in Southeast Asia and other regions were affected by a slowdown in exports to the Middle East. On the other hand, materials for automotive applications and hygiene products remained strong in general.



Business Results by Segment (Performance Chemicals)

D

					Billion yen
		FY Mar/17 1Q	FY Mar/18 1Q	Cha	nges
	Toray	50.4	58.8	+8.4	(+16.8%)
	Japanese Subsidiaries	107.2	108.6	+1.4	(+1.3%)
Net Sales	Overseas Subsidiaries	106.1	126.9	+20.8	(+19.6%)
	Adjustment	▲ 88.9	▲ 103.1	-14.2	
	Total	174.8	191.2	+16.4	(+9.4%)
	Тогау	3.6	5.7	+2.1	(+58.2%)
	Japanese Subsidiaries	3.7	3.3	-0.5	(-12.5%)
Operating Income	Overseas Subsidiaries	8.8	8.3	-0.5	(-5.9%)
	Adjustment	▲ 0.7	▲ 0.7	+0.0	
	Total	15.5	16.6	+1.1	(+7.3%)



Resins : Shipment for automotive applications was strong in general mainly in Japan. Besides automotive applications, Toray Group also promoted sales expansion of ABS and PPS resins.
Films : Business grew strongly both in Japan and abroad, as shipment of battery separator films for lithium-ion secondary batteries increased reflecting demand growth.
Electronic & Shipment of organic EL-related materials expanded.



Breakdown of Performance Chemicals Segment

	FY Mar/17 1Q		FY Mar/18 1Q			
	Net Sales	Ratio	Net Sales	Ratio	Changes	
Resins, Chemicals	73.4	28%	86.4	29%	+18%	
Films	71.5	27%	77.1	26%	+8%	
Electronic & Information Materials	14.8	6%	14.6	5%	-1%	
Trading	104.0	39%	116.2	39%	+12%	
Adjustment	▲ 88.9		▲ 103.1			
Total	174.8		191.2			

(Resins, Chemic	als : Shipment for automotive applications was strong in general mainly in Japan. Besides automotive applications,
		Toray Group also promoted sales expansion of ABS and PPS resins.
	Films	: Business grew strongly both in Japan and abroad, as shipment of battery separator films for lithium-ion
		secondary batteries increased reflecting demand growth.
	Electronic & Inf	formation Materials : Shipment of organic EL-related materials expanded, however, demand for high-performance
		electric circuit materials declined.
	Trading	: Trading companies increased their sales mainly due to the recovery in the basic materials market
		compared with the same period of the previous fiscal year.
1		



Business Results by Segment (Carbon Fiber Composite Materials)

					Billion yen		
		FY Mar/17 1Q	FY Mar/18 1Q	Cha	inges	Net Sales <bar chart=""></bar>	Operating Income <line chart=""> (Billion yen)</line>
	Toray	27.3	23.2	-4.1	(-14.9%)	17-11-11-11-11-11-11-11-11-11-11-11-11-1	
	Japanese Subsidiaries	19.1	17.0	-2.1	(-10.8%)	60	12
Net Sales	Overseas Subsidiaries	37.4	33.5	-3.9	(-10.6%)	50 - 🔨	- 10
	Adjustment	▲ 39.9	▲ 30.9	+9.0		40 -	
	Total	43.8	42.7	-1.1	(-2.4%)	30 -	6
	Toray	4.2	2.3	-1.9	(-45.9%)		
	Japanese Subsidiaries	0.3	0.4	+0.1	(+17.5%)	20 -	
Operating Income	Overseas Subsidiaries	5.3	3.0	-2.3	(-42.8%)	10 -	- 2
	Adjustment	▲ 0.1	0.0	+0.1		0	o
	Total	9.8	5.7	-4.1	(-41.6%)	17/3	18/3 3Q 4Q 1Q

The aircraft application remained on a weak note, reflecting the inventory adjustment in the supply chain. The inventory adjustment for materials for compressed natural gas tank applications was nearly completed but shipment did not reach full-scale recovery. Demand for wind turbine blade application steadily expanded but sales were affected by the change in shipment timing.





Breakdown of Carbon Fiber Composite Materials Segment

	FY Ma	-	FY Mar/18				
	10	Q		1Q			
	Net Sales	Ratio	Net Sales	Ratio	Changes		
Aerospace	20.6	47%	20.4	48%	-1%		
Sports	3.4	8%	3.8	9%	+9%		
Industrial	19.7	45%	18.6	44%	-6%		
Total	43.8		42.7		-2%		

Aerospace : Despite the influence of the inventory adjustr	ment in the supply chain, shipment remained
about the same level compared with the sam	ne period of the previous fiscal year reflecting
the steady demand for aircraft.	

- Sports : Demand continued to remain sluggish in general. However, the company proactively secured seasonal production demand for the new autumn model products.
- Industrial : Compressed natural gas tank application was on a recovery track although it did not achieve full-scale recovery. Demand for wind turbine blade application steadily expanded, but sales were affected by the absence of large-scale shipment which existed in the same period of the previous fiscal year.



Business Results by Segment (Environment & Engineering)

					Billion yen	Net Sales	Operating Income
		FY Mar/17 1Q	FY Mar/18 1Q	Changes		<bar chart=""></bar>	<line chart=""> (Billion yen)</line>
	Toray	4.3	4.7	+0.4	(+8.3%)	80	
	Japanese Subsidiaries	53.3	67.3	+14.0	(+26.3%)		
Net Sales	Overseas Subsidiaries	6.6	7.4	+0.8	(+12.0%)	60 -	- 8
	Adjustment	▲ 18.1	▲ 22.6	-4.5			- 6
	Total	46.2	56.9	+10.7	(+23.1%)	40 -	- 4
	Toray	▲ 0.3	▲ 0.2	+0.1	(-)		
	Japanese Subsidiaries	1.9	3.6	+1.7	(+90.5%)	20 -	- 2
Operating Income	Overseas Subsidiaries	0.9	0.8	-0.1	(-8.5%)		- 0
	Adjustment	▲ 0.0	0.1	+0.1		0	▲2
	Total	2.5	4.3	+1.8	(+73.3%)	17/3 1Q 2Q 3Q	18/3 4Q 1Q

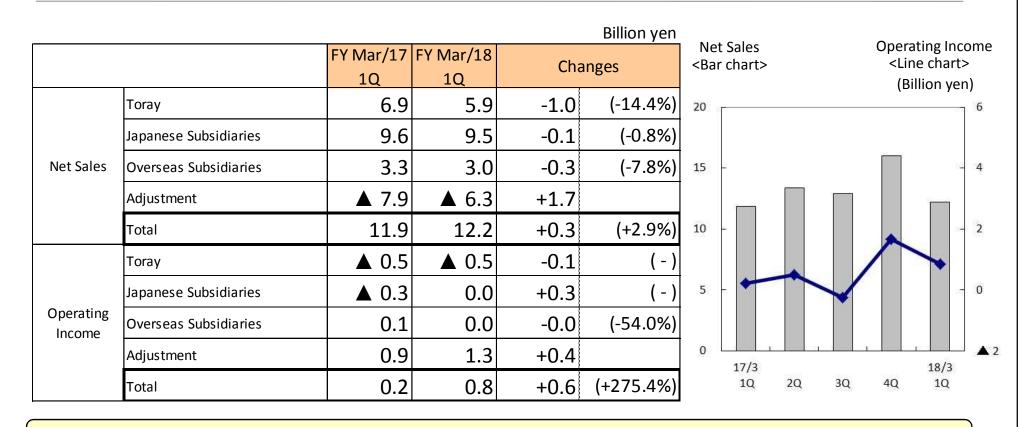
Water Treatment :Demand for reverse osmosis membranes and other products in generalBusinessgrew strongly in Japan and abroad.

 Plant constructions and lithium-ion secondary battery related machineries at an engineering subsidiary performed strongly.

Japan



Business Results by Segment (Life Science)



Pharmaceutical Business
Shipment of pruritus treatment REMITCH[®]* expanded, partly as the OD (oral disintegrating) tablet version was made available in June. On the other hand, shipment of natural-type interferon beta preparation FERON[®] and orally active prostacyclin derivative DORNER[®] remained sluggish due to the impact of alternative medicines and their generic drugs.
Medical Devices
Shipment of dialyzers grew strongly in Japan and overseas.

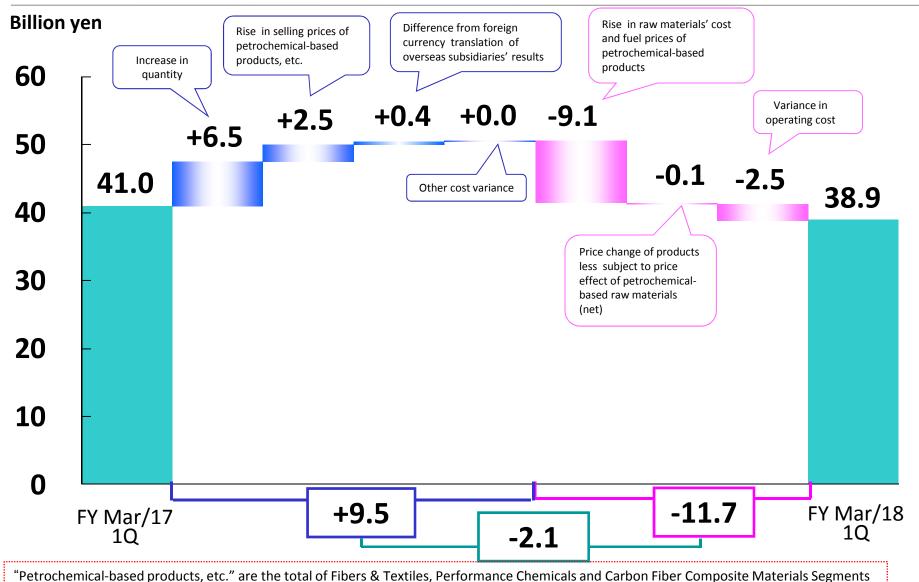
Business

* REMITCH[®] is a registered trademark of Torii Pharmaceutical Co., Ltd.





Income Variance Factor Analysis



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Results of Major Subsidiaries and Regions

			Net Sales		Operating Income			
		FY Mar/17 1Q	FY Mar/18 1Q	Changes	FY Mar/17 1Q	FY Mar/18 1Q	Changes	
Toray International, Inc.		128.3	130.9	+2.7	1.9	2.3	+0.5	
Toray Engineering Co., Ltd.		22.8	29.9	+7.2	1.5	3.6	+2.1	
Toray Construction Co., Ltd.		8.4	8.6	+0.3	0.5	▲ 0.0	-0.5	
Toray Advanced Film Co., Lto	d.	10.1	10.1	+0.0	0.4	0.6	+0.2	
Subsidiaries in	Fibers & Textiles	29.2	32.1	+2.9	2.1	2.2	+0.0	
Southeast Asia	Performance Chemicals	20.2	26.3	+6.2	1.7	2.3	+0.6	
	Others	-	0.0	+0.0	-	0.0	+0.0	
	Total	49.3	58.5	+9.1	3.9	4.5	+0.6	
Subsidiaries in China	Fibers & Textiles	61.2	65.2	+4.0	6.2	6.6	+0.4	
	Performance Chemicals	20.8	23.7	+2.8	1.5	0.5	-0.9	
	Others	5.4	6.7	+1.4	0.3	0.3	-0.0	
	Total	87.4	95.6	+8.2	7.9	7.4	-0.5	
Subsidiaries in Korea	Fibers & Textiles	21.2	22.7	+1.5	1.3	0.9	-0.4	
	Performance Chemicals	24.9	31.2	+6.2	3.4	3.7	+0.3	
	Others	4.5	4.5	+0.0	1.0	0.6	-0.4	
	Total	50.6	58.4	+7.8	5.7	5.1	-0.5	



II. Business Forecast for the Fiscal Year Ending March 2018 (Consolidated Basis)

Forecast Summary for the Fiscal Year Ending March 2018

					Billion yen	
		FY Mar/17 Actual	FY Mar/18 Forecast	Changes		
	1st Half	957.0	1,050.0	+93.0	(+9.7%)	
Net Sales	2nd Half	1,069.5	1,170.0	+100.5	(+9.4%)	
	Total	2,026.5	2,220.0	+193.5	(+9.6%)	
	1st Half	76.3	78.0	+1.7	(+2.3%)	
Operating Income	2nd Half	70.6	87.0	+16.4	(+23.2%)	
	Total	146.9	165.0	+18.1	(+12.3%)	
	1st Half	76.1	77.0	+0.9	(+1.2%)	
Ordinary Income	2nd Half	67.7	85.0	+17.3	(+25.6%)	
	Total	143.7	162.0	+18.3	(+12.7%)	
Net Income	1st Half	53.4	47.0	-6.4	(-12.0%)	
Attributable to	2nd Half	46.0	53.0	+7.0	(+15.2%)	
Owners of Parent	Total	99.4	100.0	+0.6	(+0.6%)	
Notincomo roz	1st Half	33.40 yen	29.39 yen			
Net Income per Share	2nd Half	28.77 yen	33.14 yen	Assumed ex	change rate : 10	
Share	Total	62.17 yen	62.52 yen	i		
	1st Half	7.00 yen	7.00 yen			

)5 yen / US\$ (from July)

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Dividend per Share

2nd Half

Total

7.00 yen

14.00 yen

7.00 yen

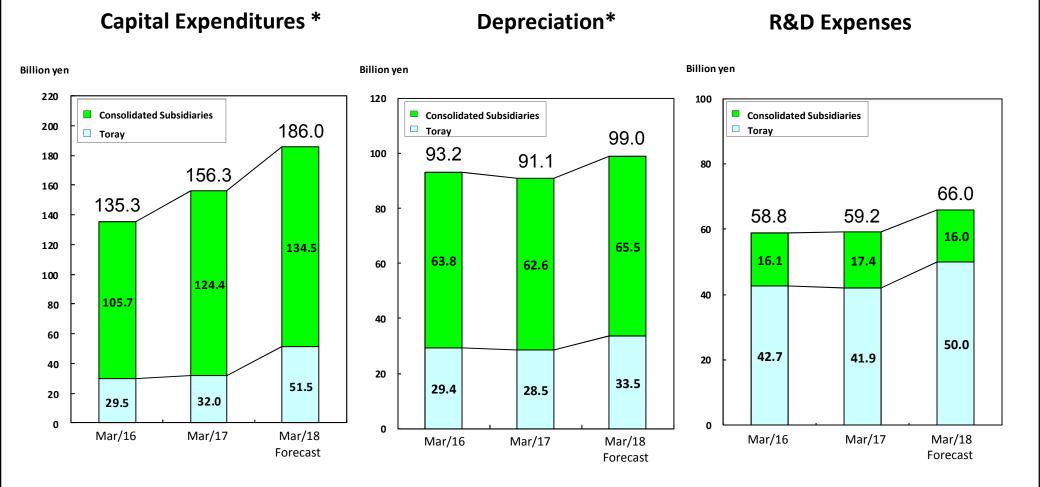
14.00 yen



Forecast by Segment

									Billion yen	
		FY Mar/17 Actual			FY Mar/18 Forecast			Changes		
		1st Half	2nd Half	Total	1st Half	2nd Half	Total	1st Half	2nd Half	Total
	Fibers & Textiles	400.2	456.0	856.1	425.0	500.0	925.0	+24.8	+44.0	+68.9
	Performance Chemicals	346.2	378.4	724.6	395.0	405.0	800.0	+48.8	+26.6	+75.4
	Carbon Fiber Composite Materials	80.6	81.1	161.6	85.0	95.0	180.0	+4.4	+13.9	+18.4
Net Sales	Environment & Engineering	96.4	116.1	212.5	110.0	125.0	235.0	+13.6	+8.9	+22.5
	Life Science	25.2	28.9	54.2	27.0	33.0	60.0	+1.8	+4.1	+5.9
	Others	8.4	9.0	17.4	8.0	12.0	20.0	-0.4	+3.0	+2.6
	Consolidated	957.0	1,069.5	2,026.5	1,050.0	1,170.0	2,220.0	+93.0	+100.5	+193.5
	Fibers & Textiles	34.6	32.2	66.8	37.0	39.0	76.0	+2.4	+6.8	+9.2
	Performance Chemicals	29.6	32.2	61.8	36.0	38.0	74.0	+6.4	+5.8	+12.2
	Carbon Fiber Composite Materials	16.0	7.9	24.0	11.0	13.0	24.0	-5.0	+5.1	+0.0
Operating	Environment & Engineering	5.3	6.5	11.7	4.5	8.5	13.0	-0.8	+2.0	+1.3
Income	Life Science	0.7	1.4	2.1	0.5	2.5	3.0	-0.2	+1.1	+0.9
	Others	0.5	2.1	2.6	1.0	1.5	2.5	+0.5	-0.6	-0.1
	Adjustment	▲ 10.5	▲ 11.7	▲ 22.1	▲ 12.0	▲ 15.5	▲ 27.5	-1.5	-3.9	-5.4
	Consolidated	76.3	70.6	146.9	78.0	87.0	165.0	+1.7	+16.4	+18.1

Trends of Capital Expenditures, Depreciation and R&D Expenses



* Include tangible assets and intangible assets (excluding goodwill)



Descriptions of predicted business results, projections, and business plans for the Fiscal Year Ending March 2018 contained in this material are based on predictive forecasts of the future business environment made at the present time.

The material in this presentation is not a guarantee of the Company's future business performance.



TORAY Innovation by Chemistry