

Announcement of Business Results for the 3Q and Nine Months Ended December 31, 2023

February 8, 2024 Toray Industries, Inc.

- III. Reference 20



Consolidated Business Results for the 3Q and Nine Months Ended December 31, 2023

Summary of Consolidated Business Results for the 3Q and Nine Months Ended December 31, 2023

							Billion yen
	FY Mar/23 3Q (OctDec.)	FY Mar/24 3Q (OctDec.)	Changes	FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Chang	es
Revenue	640.0	630.0	-10.0 (-1.6%)	1,901.8	1,829.4	-72.4	(-3.8%)
Core Operating Income	26.0	28.5	+2.5 (+9.6%)	80.4	77.2	-3.3	(-4.0%)
(Core Operating Margin)	4.1%	4.5%	+0.5 points	4.2%	4.2%	-0.0	point
Special Items	▲ 1.1	▲ 1.6	-0.4	18.2	▲ 5.8	-24.0	
Financial Income and Costs	▲ 3.5	▲ 1.6	+1.9	▲ 1.9	▲ 4.0	-2.1	
Share of profit of investments accounted for using equity method	2.7	2.0	-0.7	12.2	8.9	-3.3	
Profit before Tax	24.0	27.3	+3.3 (+13.7%)	109.0	76.3	-32.7	(-30.0%)
Profit Attributable to Owners of Parent	15.4	16.8	+1.4 (+8.7%)	74.6	45.7	-28.9	(-38.8%)

<Exchange Rate>

		FY Mar/23 3Q (OctDec.)	FY Mar/24 3Q (OctDec.)	FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)
Yen / US\$	Average	141.6	147.9	136.5	143.3
	End of the Term	132.7	141.8		
Yen / Euro	Average	144.3	159.1	140.6	155.3
	End of the Term	141.5	157.1		

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Billion yen

	FY Mar/23 3Q (OctDec.)	FY Mar/24 3Q (OctDec.)	Changes	FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Changes
Gain on Sale or Disposal of Fixed Assets	0.1	0.4	+0.3	0.3	1.1	+0.9
Gain on loss of control of subsidiaries* ^{*1}	-	-	-	25.1	-	-25.1
Loss on Sale or Disposal of Fixed Assets	▲ 1.2	▲ 1.9	-0.7	▲ 2.6	▲ 4.5	-1.9
Impairment Losses	▲ 0.0	▲ 0.1	-0.0	▲ 1.1	▲ 0.6	+0.5
Provision for Product Warranties ^{*2}	-	-	-	▲ 3.5	▲ 1.8	+1.6
Other	-	-	-	0.0	-	-0.0
Special Items	▲ 1.1	▲ 1.6	-0.4	18.2	▲ 5.8	-24.0

^{*1} Gain on revaluation of investment resulting from establishment of the joint venture LG Toray Hungary Battery Separator Kft. with LG Chem, Ltd. (LG Chem). In this joint venture, LG Chem made an investment in Toray Industries Hungary Kft., which manufactures and sells separator film for rechargeable lithium-ion batteries in Hungary.

^{*2} Costs required for the replacement or repair of products that may be defective among some products for industrial applications that the Company has manufactured and sold in the past in the Carbon Fiber Composite Materials Business.

Assets, Liabilities, Equity, and Free Cash Flow

				Billion yen
		End of Mar/23	End of Dec/23	Changes
Total Assets		3,194.0	3,388.4	+194.3
	Current Assets	1,429.3	1,533.4	+104.1
	Property, Plant and Equipment	1,007.8	1,047.0	+39.2
	Other Non-current Assets	756.9	808.0	+51.0
Total Liabilities		1,558.2	1,625.6	+67.4
	Current Liabilities	826.2	889.6	+63.4
	Non-current Liabilities	732.0	736.0	+4.0
Equity		1,635.8	1,762.8	+127.0
Owner's Equity	, *	1,535.0	1,655.9	+120.9
Equity Ratio *		48.1%	48.9%	+0.8 points
Interest-bearing	Liabilities	950.1	998.1	+48.0
D/E Ratio		0.62	0.60	-0.02
<free cash="" flow<="" td=""><td>></td><td></td><td></td><td></td></free>	>			
		FY Mar/23 Nine months (AprDec.)	FY Mar/24 Nine months (AprDec.)	Changes
Cash Flows fro	m Operating Activities	20.7	106.2	+85.5
	m Investment Activities	▲ 69.9	▲ 86.9	-17.0
Free Cash Flow	/	▲ 49.2	19.3	+68.5

*Owner's equity=average equity attributable to owners of parent

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Capital Expenditures, Depreciation and Amortization, and R&D Expenditures

Billion yen

		FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Changes
Capital Expend	litures	68.3	95.0	+26.6
	Тогау	17.8	18.9	+1.1
	Consolidated Subsidiaries	50.6	76.1	+25.5
Depreciation a	nd Amortization	97.7	99.0	+1.3
	Тогау	26.1	25.2	-0.9
	Consolidated Subsidiaries	71.5	73.7	+2.2
R&D Expenditu	ures	49.4	50.2	+0.8
	Тогау	35.4	34.9	-0.6
	Consolidated Subsidiaries	14.0	15.3	+1.3

Major Capital Expenditure Projects

Toray Industries, Inc.

Toray Advanced Materials Korea Inc.

Zoltek Companies, Inc.

Toray Composite Materials America, Inc.

Toray Carbon Fibers Europe S.A.

- : Production facilities for microfiber fabric with a suede texture
- : PPS resin production facilities, Carbon fiber production facilities
- : Carbon fiber production facilities
- : Carbon fiber production facilities
- : Carbon fiber production facilities

Revenue and Core Operating Income by Segment, and Factor Analysis of Core Operating Income

				E	Billion yen
		FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Cha	anges
	Fibers & Textiles	784.8	745.4	-39.4	(-5.0%)
	Performance Chemicals	698.3	659.6	-38.7	(-5.5%)
Revenue	Carbon Fiber Composite Materials	211.2	209.3	-1.9	(-0.9%)
Revenue	Environment & Engineering	156.2	165.0	+8.9	(+5.7%)
	Life Science	40.2	38.4	-1.8	(-4.5%)
	Other	11.2	11.7	+0.5	(+4.6%)
	Total	1,901.8	1,829.4	-72.4	(-3.8%)
	Fibers & Textiles	39.6	43.8	+4.2	(+10.7%)
	Performance Chemicals	30.0	24.3	-5.6	(-18.8%)
Core	Carbon Fiber Composite Materials	11.8	11.4	-0.4	(-3.7%)
Operating Income	Environment & Engineering	12.9	14.6	+1.7	(+13.4%)
	Life Science	0.6	▲ 0.8	-1.4	(-)
	Other	1.1	1.7	+0.6	(+49.0%)
	Reconciliations	▲ 15.5	▲ 17.8	-2.3	
	Total	80.4	77.2	-3.3	(-4.0%)

Consolidated Business Result: Nine Months Ended December 31, 2023 (Apr.-Dec.)>

The Fibers & Textiles and Environment & Engineering segments were strong. The Performance Chemicals segment was sluggish, as in the films business, the impact of inventory adjustment persisted in supply chains for electronic parts.

In the Carbon Fiber Composite Materials segment, the aerospace applications recovered steadily, while wind turbine blade applications entered into an adjustment phase and demand for the industrial applications including pressure vessels softened.

As a result, core operating income of the entire Toray Group was 77.2 billion yen, 4.0% decrease on a year-to-year comparison.



Business Results by Segment (Fibers & Textiles)

				Billion yen
		FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Changes
	Toray	159.3	159.7	+0.4 (+0.2%)
	Japanese Subsidiaries	399.8	367.1	-32.6 (-8.2%)
Revenue	Overseas Subsidiaries	529.0	497.5	-31.4 (-5.9%)
	Adjustments	▲ 303.2	▲ 278.9	+24.3
	Total	784.8	745.4	-39.4 (-5.0%)
	Toray	12.8	10.8	-2.0 (-15.6%)
Core	Japanese Subsidiaries	8.7	12.6	+3.9 (+44.9%)
Operating	Overseas Subsidiaries	18.5	20.4	+1.9 (+10.0%)
Income	Adjustments	▲ 0.5	0.0	+0.5
	Total	39.6	43.8	+4.2 (+10.7%)

Changes in Core Operating Income



<Business Performance>

General

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The apparel applications were impacted by worsening market conditions, and hygiene material applications were sluggish from the worsening supplydemand balance. Industrial applications maintained a recovery trend on the back of continued demand recovery in automobile applications and expansion in EV applications.

<Topics>

• November 2023:

Toray has developed DEWEIGHT[™], a water-repellent stretch textile with an excellent waterdrop removal property^{*1}, materializing it without per- and poly-fluoroalkyl substances (PFAS). Toray will promote applications of this textile from outerwear to bottomwear for both men and women from spring/summer 2025 and aims 200,000 meters of sales in FY 2025 and 500,000 meters in FY 2027.

*1: Superior in water repellency with a textile structure which allows waterdrops on the surface to roll off smoothly.

December 2023:

Toray has concluded an agreement with Yoshida Co. to jointly create materials for its Porter[™]² brand's Tanker[™] bags employing Ecodear[™] N510, which is 100% plant-based nylon fiber. In addition, Toray's chemical-recycled nylon derived from recovered fishing nets is used for the lining of the bags. The new Tanker[™] series will be available at stores in Japan from spring of 2024. *2: Porter[™] and Tanker[™] are registered trademarks of Yoshida Co.

*3: This fiber incorporates 100% biobased synthetic polymer content as defined under section 3.1.5 of ISO 16620-1: 2015, the international standard for the biobased content of plastics.

* Difference in selling price and raw materials' cost and fuel prices of petrochemical-based products, etc. (net)

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Business Results by Segment (Performance Chemicals)

					Billion yen
		FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Ch	anges
	Toray	195.2	175.0	-20.1	(-10.3%)
	Japanese Subsidiaries	411.5	364.1	-47.3	(-11.5%)
Revenue	Overseas Subsidiaries	428.2	432.0	+3.8	(+0.9%)
	Adjustments	▲ 336.6	▲ 311.5	+25.1	
	Total	698.3	659.6	-38.7	(-5.5%)
	Toray	10.4	2.3	-8.1	(-77.8%)
Core	Japanese Subsidiaries	18.0	17.0	-1.0	(-5.6%)
Operating	Overseas Subsidiaries	0.5	4.7	+4.2	(+764.8%)
Income	Adjustments	1.0	0.3	-0.7	
	Total	30.0	24.3	-5.6	(-18.8%)

Changes in Core Operating Income



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Billion yen

<Business Performance>

Resins Business

The resins business was weak given the impact of demand decline in the Chinese markets and other factors, while automobile applications in Japan showed signs of improvement.

■ Film Business

In the films business, the impact of inventory adjustment persisted in supply chains for electronic parts.

Electronic & Information Material Business

Demand for OLED-related materials and circuit materials saw some recovery.

<Topics>

October 2023:

Toray has developed a new technology that makes it possible to recycle glass fiber-reinforced polyphenylene sulfide (PPS-GFRP) whose performance matches initial performance of virgin resins. This technology can deliver comparable mechanical strength with injection grade moldings wholly made with virgin material. This is even when recycled material accounts for 50% or more of the PPS-GFRP. Another benefit of 50% recycled content is that it reduces CO₂ emission by at least 40%.

November 2023:

Toray has developed a flexographic plate^{*1} which offers full water development^{*2} and high-definition printing quality, now available under the new RESOLUCIA™ brand. The company launched the new offering in January 2024.

- *1: A letterpress printing technique employing resin or rubber plate materials.
- *2: Full water development uses only room temperature tap water for printing plate development, eliminating the use of organic solvents or additives.

* Difference in selling price and raw materials' cost and fuel prices of petrochemical-based products, etc. (net)

	FY Mar/23 Nine Months (AprDec.)		FY Mar/24 Nine Months (AprDec.)		
	Revenue	Ratio	Revenue	Ratio	Changes
Resins, Chemicals	320.0	31%	292.4	30%	-9%
Films	246.1	24%	241.5	25%	-2%
Electronic & Information Materials	42.3	4%	48.2	5%	+14%
Trading, Other	426.4	41%	389.0	40%	-9%
Adjustments	▲ 336.6	-	▲ 311.5	-	-
Total	698.3		659.6		-6%

Business Results by Segment (Carbon Fiber Composite Materials)

				·) ·
		FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Changes
	Toray	65.7	68.6	+2.9 (+4.4%)
	Japanese Subsidiaries	52.3	49.8	-2.6 (-5.0%)
Revenue	Overseas Subsidiaries	192.2	199.9	+7.7 (+4.0%)
	Adjustments	▲ 99.0	▲ 109.0	-9.9
	Total	211.2	209.3	-1.9 (-0.9%)
	Toray	10.4	12.7	+2.4 (+22.9%)
Core	Japanese Subsidiaries	1.1	0.8	-0.3 (-28.7%)
Operating	Overseas Subsidiaries	4.5	3.1	-1.4 (-31.0%)
Income	Adjustments	▲ 4.1	▲ 5.2	-1.1
	Total	11.8	11.4	-0.4 (-3.7%)



<Business Performance>

• General

Billion ven

The aerospace applications recovered steadily, while wind turbine blade applications entered into an adjustment phase and demand for the industrial applications including pressure vessels softened.

<Topics>

• October 2023:

Toray has decided to expand Toray Carbon Fibers Europe S.A.'s production facilities for regular tow medium- and high-modulus carbon fibers. This move will increase annual capacity from 5,000 metric tons annually to 6,000 metric tons. Production is scheduled to start in 2025. Toray is responding to increasing demand for medium- and high-modulus carbon fibers used for secondary structures and engines of commercial aircrafts, whose construction rate is expected to grow, as well as centrifuge for energy production, satellites, and high-end automobiles.

• October 2023:

Toray has developed TORAYCA[™] T1200, which is the world's highest strength carbon fiber. To respond to the increasing market demand for high-strength carbon fiber, the company has refined its proprietary nanoscale structural control technology to design and achieve an internal structure with high toughness. The company will promote this product in a wide range of applications from sporting and leisure goods to aircrafts.

* Difference in selling price and raw materials' cost and fuel prices of petrochemical-based products, etc. (net)

Breakdown of Carbon Fiber Composite Materials Segment

	FY Mar/23 Nine Months (AprDec.)			FY Mar/24 Nine Months (AprDec.)	
	Revenue	Ratio	Revenue	Ratio	Changes
Aerospace	41.5	20%	62.7	30%	+51%
Sports	29.4	14%	20.4	10%	-31%
Industrial	140.3	66%	126.2	60%	-10%
Total	211.2		209.3		-1%

Business Results by Segment (Environment & Engineering)

Toray Japanese Subsidi Overseas Subsidi Adjustments Total Toray		FY Mar/23 Nine Months (AprDec.) 27.0 150.8 46.8 ▲ 68.4 156.2	FY Mar/24 Nine Months (AprDec.) 27.7 163.9 51.5 ▲ 78.2 165.0	+0.8 +13.2 +4.7 -9.8	nges (+2.9%) (+8.7%) (+10.0%)
Japanese Subsidi Overseas Subsidi Adjustments Total Toray		150.8 46.8 ▲ 68.4	163.9 51.5 ▲ 78.2	+13.2 +4.7 -9.8	(+8.7%)
Overseas Subsidi Adjustments Total Toray		46.8 ▲ 68.4	51.5 ▲ 78.2	+4.7 -9.8	· /
Adjustments Total Toray	iaries	▲ 68.4	▲ 78.2	-9.8	(+10.0%)
Total Toray					
Toray		156.2	165.0		
-			105.0	+8.9	(+5.7%)
Jananaga Subaidi		2.1	3.0	+0.9	(+41.5%)
Japanese Subsidi	iaries	4.5	4.8	+0.3	(+7.1%)
Overseas Subsidi	iaries	6.5	6.4	-0.1	(-2.0%)
Adjustments		▲ 0.3	0.4	+0.7	
Total		12.9	14.6	+1.7	(+13.4%)
Difference in quantity	Net	in Cost variance, etc.	currency tran overseas sub	slation of osidiaries'	Billion yer
+2.2	+0.	7 -1.3	+0.2	14.6	
23		+1.7		FY Mar/24	
	Overseas Subsid Adjustments Total Operating Incon ifference in quantity +2.2	Total Operating Income ifference in quantity +2.2 +0. 3 hs	Overseas Subsidiaries 6.5 Adjustments	Overseas Subsidiaries 6.5 6.4 Adjustments 10.3 0.4 Total 12.9 14.6 Operating Income ifference in quantity +2.2 +0.7 -1.3 +0.2 Adjustments 12.9 14.6 Difference from currency transition overseas sub- result +1.7	Overseas Subsidiaries Adjustments Adjustme

<Business Performance>

Water Treatment

Shipment in the U.S. and China, the two major markets for reverse osmosis membranes, was strong.

Japanese Subsidiaries

Sales of a construction subsidiary in Japan were strong.

<Topics>

• October 2023:

A new facility at Toray Industries (India) Private Limited began production of air filters for air purifiers, automotive, air conditioners, and building air conditioners. The products are excellent in minimizing pressure losses and delivering high dust collection efficiency. In India, worsening air pollution has heightened awareness of the need to deploy environmental measures, and Toray expects rise in demand for high-performance, high-quality air filter. To quickly cater to the increasingly sophisticated performance demand of its customers, the company will swiftly identify the needs in the country and reflect them in developing new offerings.

* Difference in selling price and price change of products less subject to price effect of petrochemical-based raw materials (net)

Business Results by Segment (Life Science)

				Billion yen
		FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Changes
	Toray	18.3	18.3	-0.1 (-0.3%)
	Japanese Subsidiaries	31.8	31.2	-0.6 (-1.8%)
Revenue	Overseas Subsidiaries	12.7	11.2	-1.5 (-11.8%)
	Adjustments	▲ 22.6	▲ 22.3	+0.3
	Total	40.2	38.4	-1.8 (-4.5%)
	Toray	▲ 1.7	▲ 1.8	-0.1 (-)
Core	Japanese Subsidiaries	1.4	0.6	-0.7 (-53.1%)
Operating	Overseas Subsidiaries	0.7	0.5	-0.2 (-27.3%)
Income	Adjustments	0.3	▲ 0.1	-0.4
	Total	0.6	▲ 0.8	-1.4 (-)

Changes in Core Operating Income



Billion yen

Billion von

<Business Performance>

Pharmaceutical Business

Sales of oral anti-pruritic drug REMITCH® were affected by the introduction of its generic versions and the NHI drug price revision, and that of orally active prostacyclin derivative DORNER® were affected by inventory adjustment overseas.

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

Medical Devices Business

Though sales of dialyzers were affected by the soaring prices of raw materials and fuels, shipment of dialyzers for hemodiafiltration in Japan was strong.

<Topics>

• November 2023:

Toray has received the 2023 Technology Award from the Japanese Society for Artificial Organs for a polymethyl methacrylate (PMMA) porous fiber column that efficiently adsorbs pathogenic proteins in the blood.

• December 2023:

Toray has received approval from Ministry of Health, Labour and Welfare of Japan for an additional indication of TORAYMYXIN[™], an extracorporeal hemoperfusion cartridge designed to remove endotoxin in blood, to treat acute exacerbation of idiopathic pulmonary fibrosis for which existing treatment is ineffective.

* Difference in selling price and price change of products less subject to price effect of petrochemical-based raw materials (net).

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Results of Major Subsidiaries and Regions

			Revenue		Cor	e Operating Inco	ome
		FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Changes	FY Mar/23 Nine Months (AprDec.)	FY Mar/24 Nine Months (AprDec.)	Changes
Toray International, Inc	2.	504.3	445.7	-58.6	10.9	10.4	-0.5
Toray Engineering Co.	, Ltd.	80.3	88.1	+7.9	3.3	3.1	-0.3
Toray Construction Co	., Ltd.	21.5	27.5	+6.0	▲ 0.7	0.8	+1.5
Toray Advanced Film (Co., Ltd.	30.7	28.2	-2.6	2.3	1.3	-1.0
Subsidiaries in	Fibers & Textiles	129.8	117.6	-12.2	1.9	1.3	-0.6
Southeast Asia	Performance Chemicals	81.2	69.7	-11.5	▲ 2.3	▲ 0.1	+2.2
	Other	0.6	0.7	+0.1	0.1	0.0	-0.0
	Total	211.6	188.0	-23.6	▲ 0.3	1.2	+1.6
Subsidiaries in China	Fibers & Textiles	235.7	220.3	-15.4	16.7	20.0	+3.2
	Performance Chemicals	85.6	82.5	-3.1	7.2	6.4	-0.7
	Other	40.8	36.3	-4.5	3.7	3.6	-0.1
	Total	362.1	339.0	-23.1	27.6	30.1	+2.4
Subsidiaries in the	Fibers & Textiles	81.5	75.0	-6.6	▲ 1.7	▲ 2.5	-0.8
Republic of Korea	Performance Chemicals	101.3	121.8	+20.6	▲ 2.3	2.2	+4.6
	Other	30.6	26.6	-4.0	5.1	2.9	-2.2
	Total	213.4	223.4	+10.1	1.1	2.7	+1.6

Business Forecast for the Fiscal Year Ending March 2024 (Consolidated Basis)

Forecast Summary for the Fiscal Year Ending March 2024

Assumptions for the business forecast

The pace of recovery in the global economy is expected to remain slow due to factors such as the high interest rates in the U.S. and Europe dampening consumer spending and capital investment, and the slow recovery in the Chinese economy. The Japanese economy is also expected to show a gradual recovery. However, the prolonged real estate recession in China, unstable prices of primary commodities including food and energy, slowdown in consumption in the U.S. and Europe owing to the delay in start of interest rate cuts, and foreign exchange fluctuations caused by a change in the Bank of Japan's monetary policy are among downward risks for the economy in Japan and abroad.

		FY Mar/23 Actual	FY Mar/24 Forecast	Cha	anges	Nov. 8 Forecast	Difference from Nov. 8 Forecast
	1st Half	1,261.8	1,199.4	-62.4	(-4.9%)	1,199.4	_
Revenue	2nd Half	1,227.5	1,270.6	+43.1	(+3.5%)	1,340.6	-70.0
	Total 2,4		2,470.0	-19.3	(-0.8%)	2,540.0	-70.0
	1st Half	54.4	48.7	-5.8	(-10.6%)	48.7	_
Core Operating Income	2nd Half	41.6	56.3	+14.7	(+35.4%)	71.3	-15.0
	Total	96.0	105.0	+9.0	(+9.3%)	120.0	-15.0
Drofit Attributable to	1st Half	59.1	28.9	-30.2	(-51.2%)	28.9	_
Profit Attributable to Owners of Parent	2nd Half	13.7	29.1	+15.4	(+112.5%)	42.1	-13.0
Owners of Parent	Total	72.8	58.0	-14.8	(-20.4%)	71.0	-13.0

	1st Half	36.92 Yen	18.03 Yen
Basic Earnings per Share	2nd Half	8.56 Yen	18.19 Yen
	Total	45.49 Yen	36.22 Yen
	1st Half	9.00 Yen	9.00 Yen
Dividend per Share	2nd Half	9.00 Yen	9.00 Yen
	Total	18.00 Yen	18.00 Yen
Dividend Payout Ratio	Total	40 %	50 %

Assum	ed exchange rate
(fi	rom January)
14	40 yen / US\$

Billion ven

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Forecast by Segment

			FY Mar/23 Actual			FY Mar/24 Forecast			Changes			es from the fo nced on Nover	
		1st Half	2nd Half	Total	1st Half	2nd Half	Total	1st Half	2nd Half	Total	1st Half	2nd Half	Total
Revenue E E L C C C C C C C C C C C C C C C C C	Fibers & Textiles	509.0	490.2	999.2	481.2	490.8	972.0	-27.8	+0.6	-27.2	-	-17.0	-17.0
	Performance Chemicals	473.3	436.1	909.4	433.1	455.9	889.0	-40.2	+19.8	-20.4	_	-40.0	-40.0
	Carbon Fiber Composite Materials	140.0	141.7	281.7	141.1	148.9	290.0	+1.2	+7.1	+8.3	_	-12.0	-12.0
Revenue	Environment & Engineering	106.1	122.8	228.8	111.5	136.5	248.0	+5.5	+13.7	+19.2	_	_	_
	Life Science	25.9	27.9	53.8	24.8	29.2	54.0	-1.1	+1.3	+0.2	_	-1.0	-1.0
	Others	7.5	8.9	16.4	7.6	9.4	17.0	+0.0	+0.5	+0.6	_	_	_
	Consolidated	1,261.8	1,227.5	2,489.3	1,199.4	1,270.6	2,470.0	-62.4	+43.1	-19.3	_	nced on Novem 2nd Half -17.0 -40.0 -12.0 -12.0	-70.0
	Fibers & Textiles	23.9	27.4	51.2	27.2	28.3	55.5	+3.3	+0.9	+4.3	_	-4.0	-4.0
	Performance Chemicals	25.1	5.3	30.4	14.5	22.0	36.5	-10.6	+16.7	+6.1	_	-4.5	-4.5
	Carbon Fiber Composite Materials	5.6	10.3	15.9	7.6	6.9	14.5	+2.0	-3.4	-1.4	_	-6.0	-6.0
	Environment & Engineering	8.3	11.5	19.7	10.2	14.3	24.5	+1.9	+2.9	+4.8	_	-0.5	-0.5
	Life Science	0.3	▲ 0.2	0.2	▲ 0.5	0.5	0.0	-0.9	+0.7	-0.2	_	—	—
	Others	1.0	1.5	2.5	0.8	1.7	2.5	-0.2	+0.2	-0.0	_	_	_
	Reconciliations	▲ 9.8	▲ 14.1	▲ 23.9	▲ 11.1	▲ 17.4	▲ 28.5	-1.3	-3.2	-4.6	_	_	_
	Consolidated	54.4	41.6	96.0	48.7	56.3	105.0	-5.8	+14.7	+9.0	_	-15.0	-15.0

Comparison of Core Operating Income (Nov. 8 vs. New) by Segment

Segments	Full-year Core Operating Income Forecast (Billion yen) November 8 → New () difference	Variance Factors
	59.5 → 55.5	 Expect decrease of sales in the apparel applications mainly in filaments and staple fibers, against the background of worsening market conditions in Europe, China and other areas.
Fibers & Textiles	(-4.0)	 In the Industrial applications, airbag textiles in the automobile applications are expected to remain strong, but expect slower sales of microfiber fabric with a suede texture in comparison to the previous forecast in some models that use the product, stemming from intensified competition of EV.
		 Expect improvement in profitability in the resins business by reduction of fixed costs, etc., although the sluggish demand in China is expected to continue.
Performance Chemicals	41.0 → 36.5 (-4.5)	 In the film business, expect recovery in sales and factory operation rate due to the completion of customers' inventory adjustment. However, the pace of recovery is forecasted to be slow. As for our subsidiaries in the U.S. and Europe, worsening market conditions are expected to persist longer than expected.
		 In the electronic & information materials business, expect circuit materials of a South Korean subsidiary to be affected by the lower operation rate of panel manufactures.
Carbon Fiber Composite Materials	20.5 → 14.5 (-6.0)	 Although there is no big change in the sales assumption of the aerospace applications, this segment is expected to be affected by the significant demand decline in other applications in Chinese and other Asian markets. In addition, expect to be affected by softer demand in the U.S. and European markets, which were strong during the first half.
		 In large tow, expect increased impact from the sluggish demand for wind turbine blades.
Environment & Engineering	25.0 → 24.5 (-0.5)	 In the water treatment business, expect strong shipment of industrial reverse osmosis (RO) membranes for the U.S. and for seawater desalination plants in the Middle East, but expect lower sales of RO membranes for residential use in China.
Life Science	0.0 → 0.0 (±0.0)	Same as the previous forecast.
Other	2.5 → 2.5 (±0.0)	
Reconciliations	▲28.5 → ▲28.5 (±0.0)	
Total	120.0 → 105.0 (-15.0)	





Reference

Quarterly Revenue and Core Operating Income by Segment

				FY Mar/2023				FY Mar/2024	
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
	Fibers & Textiles	225.8	283.2	275.7	214.4	999.2	223.8	257.4	264.2
	Performance Chemicals	245.0	228.3	225.0	211.1	909.4	214.8	218.3	226.5
Devenue	Carbon Fiber Composite Materials	68.6	71.4	71.2	70.5	281.7	68.7	72.4	68.2
Revenue	Environment & Engineering	50.7	55.3	50.1	72.7	228.8	56.0	55.6	53.5
	Life Science	12.3	13.6	14.3	13.6	53.8	11.3	13.5	13.6
	Others	3.4	4.1	3.6	5.3	16.4	3.4	4.2	4.1
	Total	605.9	655.9	640.0	587.5	2,489.3	578.1	621.3	630.0
	Fibers & Textiles	8.7	15.2	15.7	11.6	51.2	10.9	16.3	16.6
	Performance Chemicals	16.9	8.2	4.9	0.4	30.4	7.4	7.1	9.8
_	Carbon Fiber Composite Materials	2.4	3.2	6.2	4.1	15.9	2.7	4.9	3.8
Core Operating	Environment & Engineering	3.5	4.8	4.6	6.9	19.7	6.2	4.0	4.4
Income	Life Science	0.1	0.3	0.2	▲ 0.4	0.2	▲ 0.5	▲ 0.1	▲ 0.3
	Others	0.4	0.7	0.1	1.4	2.5	0.4	0.4	0.9
	Reconciliations	▲ 4.8	▲ 5.0	▲ 5.7	▲ 8.4	▲ 23.9	▲ 5.2	▲ 5.9	▲ 6.7
	Total	27.1	27.3	26.0	15.6	96.0	21.9	26.8	28.5

Quarterly Revenue of Performance Chemicals by Sub-segments

			FY Mar/23				FY Mar/24	
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
Resins, Chemicals	108.7	103.6	107.7	99.5	419.5	93.8	95.8	102.9
Films	88.6	81.6	76.0	75.3	321.5	79.4	81.2	81.0
Electronic & Information Materials	15.8	13.1	13.4	12.9	55.2	15.6	15.7	17.0
Trading, Other	150.3	140.4	135.7	120.7	547.1	131.1	122.5	135.4
Adjustments	▲ 118.4	▲ 110.5	▲ 107.7	▲ 97.3	▲ 433.8	▲ 105.0	▲ 96.9	▲ 109.7
Total	245.0	228.3	225.0	211.1	909.4	214.8	218.3	226.5

		F	Y Mar/23			FY Mar/24			
	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q	
Aerospace	12.4	13.3	15.8	17.0	58.5	17.8	21.7	23.2	
Sports	9.5	10.2	9.7	8.1	37.6	6.8	6.7	7.0	
Industrial	46.8	47.8	45.7	45.4	185.7	44.2	44.0	37.9	
Total	68.6	71.4	71.2	70.5	281.7	68.7	72.4	68.2	

Quarterly Revenue of Major Subsidiaries and Regions

				FY Mar/23	}			FY Mar/24	ł
		1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
Toray International, Inc.		150.6	175.9	177.8	138.5	642.7	136.4	148.6	160.6
Toray Engineering Co., L	td.	23.8	29.3	27.2	34.9	115.1	27.1	30.4	30.7
Toray Construction Co., I	_td.	7.4	7.3	6.9	18.6	40.1	10.3 8.9		8.2
Toray Advanced Film Co.	, Ltd.	10.4	10.1	10.3	9.5	40.3	9.1	9.8	
Subsidiaries in	Fibers & Textiles	40.4	46.4	43.0	37.6	167.4	35.7	40.9	41.0
Southeast Asia	Performance Chemicals	29.1	25.3	26.8	24.6	105.8	22.4	22.8	24.5
	Other	0.2	0.2	0.2	0.2	0.8	0.3	0.2	0.2
	Total	69.6	71.9	70.1	62.3	273.9	58.4	64.0	65.7
Subsidiaries in China	Fibers & Textiles	64.1	91.3	80.3	47.9	283.5	64.5	77.3	78.5
	Performance Chemicals	30.2	26.7	28.7	26.1	111.7	25.3	27.3	29.8
	Other	13.4	13.9	13.5	10.7	51.5	11.8	12.3	12.2
	Total	107.7	132.0	122.5	84.7	446.8	101.6	116.9	120.5
Subsidiaries in	Fibers & Textiles	27.8	27.7	26.1	25.6	107.1	25.3	24.9	24.8
the Republic of Korea	Performance Chemicals	38.1	32.1	31.1	32.9	134.2	39.7	42.1	40.0
	Other	10.4	10.6	9.6	10.3	40.9	8.8	8.9	9.0
	Total	76.2	70.4	66.8	68.8	282.2	73.8	75.8	73.8

Quarterly Core Operating Income of Major Subsidiaries and Regions

				FY Mar/23	6			FY Mar/24	ļ
	-	1Q	2Q	3Q	4Q	Total	1Q	2Q	3Q
Toray International, Inc.		2.9	3.9	4.0	2.5	13.4	2.8	4.0	3.5
Toray Engineering Co., Lt	d.	0.8	1.3	1.3	1.8	5.1	0.8	1.1	1.2
Toray Construction Co., L	td.	▲ 0.3	▲ 0.2	▲0.2	2.0	1.3	0.9 🔺 0.0		▲ 0.1
Toray Advanced Film Co.,	Ltd.	1.1	0.6	0.6	0.4	2.7	0.4 0.2		0.7
Subsidiaries in	Fibers & Textiles	0.4	1.4	0.2	0.1	2.1	▲ 0.5	0.6	1.2
Southeast Asia	Performance Chemicals	0.7	▲ 2.1	▲ 1.0	▲ 0.5	▲ 2.8	▲ 0.5	▲ 0.3	0.7
	Other	0.0	0.0	0.0	▲ 0.0	0.0	0.0	▲ 0.0	0.0
	Total	1.1	▲ 0.7	▲ 0.8	▲ 0.4	▲ 0.7	▲ 0.9	0.3	1.9
Subsidiaries in China	Fibers & Textiles	4.4	6.6	5.7	3.3	20.1	4.6	7.5	7.9
	Performance Chemicals	2.4	2.5	2.2	1.7	8.8	1.9	2.0	2.6
	Other	1.5	1.2	1.0	0.6	4.3	1.5	1.1	1.0
	Total	8.4	10.3	9.0	5.6	33.2	7.9	10.6	11.6
Subsidiaries in	Fibers & Textiles	▲ 0.6	▲ 0.4	▲ 0.8	▲0.6	▲ 2.3	▲ 0.0	▲ 1.1	▲ 1.3
the Republic of Korea	Performance Chemicals	1.4	▲ 1.3	▲ 2.5	▲ 2.8	▲ 5.1	1.2	0.4	0.6
	Other	1.7	1.9	1.5	1.3	6.4	1.3	0.9	0.8
	Total	2.6	0.2	▲ 1.8	▲ 2.0	▲ 1.0	2.4	0.2	0.1

External Evaluations from the Perspectives of ESG

December 2022



Water Security: A+ Climate Change: A- MSCI



 S&P Global Sustainability Yearbook Member

February 2024

Toray Industries, Inc. Chemicals

Sustainability Yearbook Member

S&P Global Corporate Sustainability Assessment (CSA) Score 2023

S&P Global CSA Score 2023: 63/100 Score date: February 7. 2024 The S&P Global Corporate Sustainability Assessment (CSA) Score is the S&P Global ESG Score without the inclusion of any modelling approaches. Position and scores are industry specific and reflect exclusion screening article Learn more at https://www.spglobid.com/esglosalyeetook/imethodology/

S&P Global Sustainable1



FTSE4Good June 2023 FTSE4Good Index Series

Selected as a component of major overseas indexes

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December 2023 Dow Jones Sustainability Index (DJSI), Asia Pacific



September 2023 MSCI ESG Leaders Indexes

Selected for indices used by GPIF





FTSE Blossom Japan Sector Relative Index



2023 CONSTITUENT MSCI JAPAN ESG SELECT LEADERS INDEX

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