LETTER TO STAKEHOLDERS

Overview of Business Performance

In Japan, production activities by customers have been on a recovery trend, partly due to the expansion of vaccinations against the novel coronavirus (COVID-19), but overall recovery has not been sufficient, with the mood of self-restraint still dragging due to the impact of intermittent issuance of state of emergency and other measures.

Overseas, demand has recovered due to the gradual resumption of economic activities following the self-imposed coronavirus restrictions, but there are no signs that logistics disruptions, such as soaring ocean freight rates and difficulties in securing containers in some areas, will subside. In addition to the resurgence of infectious diseases and the reduction of automobile production due to the global shortage of semiconductors, there are also soaring raw material prices and concerns over procurement. The Ukraine problem has further intensified uncertainty over the future.

Our group continues to develop high quality, price-competitive products and to maintain and improve profitability by promoting activities to develop new customers and applications, in light of the instability of the global economic environment and the prolonged risk of fluctuations.

As a result, net sales increased to $\frac{1}{2}$ 37,248 million (up by 25.8% on a year-on-year basis), operating income increased to $\frac{1}{2}$ 5,759 million (up by 45.9%), ordinary income increased to $\frac{1}{2}$ 7,738 million (up by 60.9%), and net income attributable to owners of the parent increased to $\frac{1}{2}$ 5,492 million (up by 60.0%).

The ratio of operating income to net sales increased 2.2 percentage points from the previous fiscal year to 15.5% mainly due to the depreciation of the yen.

The ratio of ordinary income to total assets increased 3.5 percentage points from the previous fiscal year to 10.7% due to the increase in operating income and an increase in foreign exchange gains.

Return on equity increased 2.9 percentage points to 9.0%. As a result, net income per share was \$1,697.19.

Overview of Performance by Business Segment

Japan Segment

Segment sales increased to $\frac{1}{2}$ 36,636 million (up by 25.7%) and segment income (operating income) increased to $\frac{1}{2}$ 5,742 million (up by 47.4%).

In the field of anionic surfactants, domestic textile applications for industrial materials were sluggish due to a decline in automobile production. Clothing use has bottomed out but has not recovered sufficiently. Overseas sales were generally solid. As a result, sales to external customers in this field increased to ¥3,222 million (up by 12.6%).

In the field of non-ionic surfactants, sales of products for sportswear remained strong in Japan, while sales of products for uniform and casual wear were sluggish due to an increase in teleworking. Production adjustments slowed the pace of recovery in automotive materials. In the non-textile business, sales to automobiles and toiletries declined, but sales to overseas customers were generally strong. As a result, sales to external customers in this field increased to \(\frac{1}{2}2,534\) million(up by 27.8%).

In the field of cationic and zwitterionic surfactants, domestic sales of textile finishing agents improved. Sales to external customers increased to ¥998 million (up by 1.7%) due to growth in sales for shampoos and household detergents.

In the field of polymers and inorganic products, domestic production in the textile industry continued to be sluggish. In the non-textile industry, sales were higher than the same period of the previous fiscal year due to a recovery trend overall, despite the impact of production adjustments by automakers in the main automotive applications. Sales of equipment investment related materials decreased due to the end of sales. As a result, sales to external customers increased to ¥9,881 million (up by 29.0%).

Indonesia Segment

Net sales to external customers for the fiscal year were ¥612 million yen (up by 30.0%) and segment profit (operating profit) was ¥21 million yen (down by 51.4%).

Due to the effect of COVID-19, large-scale social restrictions (PSBB) were implemented in Indonesia, which led to a decline in business activities. Although business activities subsequently recovered, they have not returned to pre-COVID-19 levels.

In the field of nonionic surfactants, production has declined for most of our customers due to COVID-19, but is returning to pre-COVID-19 levels. As a result, sales to external customers increased to \(\frac{4}{4}03\) million (up by 38.8%).

In the polymer, inorganic products and other fields, the domestic market has been shrinking, and many products are produced without using glue agents, resulting in a significant drop in shipment volume. On the other hand, exports have been increasing since last year. As a result, sales to external customers increased to ¥198 million (up by14.6%).

In the fields of anionic surfactants and cationic/anionic surfactants, sales to external customers were \mathbb{\xi}8 million (up by 30.9%) and \mathbb{\xi}3 million (up by 84.0%), respectively.

A Message from the Management

We focus on R & D, with 20% of our employees in the R & D division, supplying users in a variety of industries, especially the textile industry, with a wide range of products essential for improving quality and productivity. Our goal is to become a stronger, more profitable company that can respond to the global economy.

We have established its current position by continuing to develop unique technologies not only in the surfactant field but also in the polymer field. Our customer base spans a wide range of fields, and we are confident that by accurately grasping customer needs, we will be able to significantly expand our accumulated technological capabilities. In other words, we are deepening and expanding the chain of development from the development of oil for fibers to Polymer Matsumoto Microsphere, oil for DI cans of metal processing oil, and magnetic fluid.

The economic environment and employment situation have worsened due to the global spread of the novel coronavirus, and it is expected that the situation will continue to be unpredictable.

Under these circumstances, we will continue to work to strengthen our management foundation in anticipation of the post-corona era. In response to fluctuations in global demand in the textile and automotive industries, we will flexibly adjust production volumes, develop competitive new products, expand sales channels, maintain a stable product supply system, and rationalize our operations.

In addition, we have been working to strengthen our production facilities over the past few years, and we will continue to make effective use of these facilities.

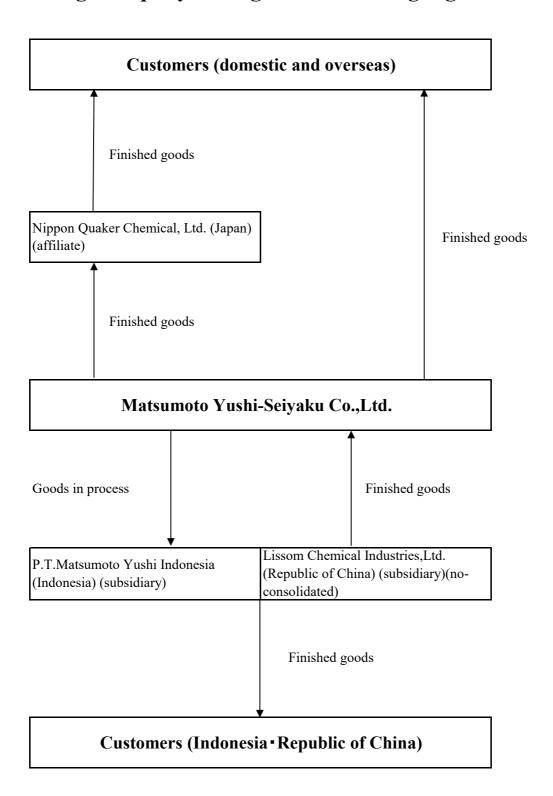
In R & D, we are developing new materials and applications with higher added value, and we intend to continue to flexibly operate our business by placing the right people in the right jobs in order to respond to changes in social conditions.

Sincerely,

NAOKI KIMURA

President and CEO

Holding Company Configuration and Highlights of Business



CORPORATE GOVERNANCE

We are working to achieve a highly transparent and sound system of corporate governance which enables us to realize stable and continuous improvement of enterprise value.

In addition to the regular monthly meetings of the board of directors, extraordinary meetings are held as necessary in order to make timely decisions. Directors, statutory auditors and the chiefs of department have a joint meeting once a week. They ensure legal compliance and the legitimate execution of business. The term of office of directors is one year in order to respond to the rapidly changing business environment.

We adopt a board of statutory auditor system. The board consists of three auditors, one of whom is a full-time auditor. They also attend the director meetings and join other significant discussions to observe the appropriateness of managerial business execution.

As for internal auditing, the Internal Auditing Department is working on the promotion and improvement of internal control and maintaining close coordination with the Board of Statutory Auditors and Accounting Auditor.

MATSUMOTO YUSHI-SEIYAKU CO., LTD. AND A SUBSIDIARY

Selected Financial Data

Years ended March 31

Tears ended Waren 31	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>	<u>2018</u>
Results for the year (millions of Yen):			<u> </u>	<u> </u>	
Net Sales	37,248	29,605	31,393	32,803	32,113
Cost of sales	27,439	21,991	22,775	23,625	22,874
Gross profit	9,809	7,614	8,618	9,178	9,239
Selling, general and administrative expenses	4,051	3,668	3,867	3,923	3,952
Operating income	5,759	3,946	4,751	5,255	5,287
Other income(expenses)	2,017	858	709	1,156	119
Income before income taxes and non-controlling interests	7,776	4,804	5,460	6,411	5,405
Income taxes					
current	2,319	1,380	1,579	1,799	1,709
deferred	(41)	(21)	(13)	75	(143)
Net income	5,498	3,445	3,893	4,538	3,839
Net income attributable to: non controlling interests in subsidiary owners of parent	(6) 5,492	(12) 3,433	(5) 3,888	(3) 4,535	(9) 3,830
Acquisition of property,					
plant and equipment	462	792	2,729	1,036	976
Depreciation and amortization	929	931	654	610	584
Per share of common stock(Yen): Net income attributable to					
owners of parent	1,697.19	1,060.99	1,201.59	1,401.19	1,183.38
Cash dividends	350.00	300.00	300.00	350.00	300.00
Year-end financial position(millions of Yen	ı):				
Total current assets	60,277	53,079	49,667	49,690	46,879
Total property, plant and equipment	6,153	6,747	7,410	5,208	4,605
Total investments and other assets	9,777	8,824	7,630	8,172	8,609
Total current liabilities	11,405	9,057	8,518	9,078	8,694
Total long-term liabilities	1,409	1,250	1,178	1,125	1,722
Non-controlling interests	155	143	154	146	154
Foreign currency translation adjustments	(47)	(165)	(154)	(168)	(116)
Total net assets	63,393	58,344	55,010	52,867	49,677
Other year-end data:					
Number of shares issued(thousands)	4,513	4,513	4,513	4,513	4,513
Number of shareholders	774	694	648	638	688

MATSUMOTO YUSHI-SEIYAKU CO.,LTD. AND A SUBSIDIARY CONSOLIDATED BALANCE SHEETS MARCH 31, 2022 and 2021

						Thousands of	of U.S	S.dollars
		Million	s of y	ren		(No	te 1)	
<u>ASSETS</u>		2022		2021		2022		2021
Current assets:							,	
Cash and cash equivalents(Note 7)	¥	44,874	¥	40,682	\$	367,819	\$	333,456
Short-term investments (Note 7,8)		510		510		4,180		4,180
Notes and accounts receivable(Note 7):								
Trade		7,847		6,312		64,320		51,735
Associates		2,252		1,956		18,463		16,029
Other		35		54		287		446
Electronically recorded monetary claims(Note	7):	260		201		2,135		1,644
Allowance for doubtful accounts		(6)		(4)		(45)		(32)
		10,389	_	8,518	-	85,160	-	69,822
Inventories (Note 9)		4,431		3,319		36,321		27,203
Other current assets		72		50		594		412
Total current assets		60,277		53,079		494,073		435,074
Property, plant and equipment(Note 11): Land Building and structures Machinery and equipment Construction in progress		530 8,468 15,976 5		529 8,468 15,751 25		4,347 69,408 130,952 42		4,334 69,410 129,111 205
construction in progress		24,979		24,773		204,748		203,059
Accumulated depreciation		(18,826)		(18,026)		(154,311)		(147,753)
Total property, plant and equipment		6,153		6,747		50,437		55,306
Investments and other assets:								
Investments in affiliates(Note 10)		1,678		1,492		13,758		12,230
Investments in securities (Note 7,8)		7,160		6,417		58,691		52,598
Long-term loans(Note 7)		212		201		1,736		1,648
Deferred income taxes(Note 16)		10		1		83		10
Other		721		719		5,907		5,895
Allowance for doubtful accounts		(5)		(7)		(37)		(53)
Total investments and other assets		9,777		8,824		80,138		72,328
Total assets	¥	76,207	¥	68,650	\$	624,648	\$	562,709

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The accompa	my mig motes are	an micegran	part or these s	tatements.

LIABILITIES AND	Millions of yen			en			of U.S. dollars ote 1)	
SHAREHOLDERS' EQUITY		2022		2021		2022		2021
Current liabilities:								
Accounts payable(Note 7):								
Trade	¥	7,097	¥	5,874	\$	58,176	\$	48,149
Associates		1,339		792		10,974		6,495
Other		827		1,285		6,779		10,536
Accrued income taxes		1,708		717		14,002		5,880
Accrued bonuses to employees		333		322		2,726		2,639
Other current liabilities		101		65		827		536
Total current liabilities		11,405		9,057		93,483		74,236
Long-term liabilities								
Retirement benefit liability(Note 12)		994		973		8,146		7,979
Asset retirement obligations(Note 21)		112		110		915		905
Deferred income taxes (Note 16)		231		91		1,897		749
Other liabilities		72		75		594		611
Total long-term liabilities		1,409		1,250		11,552		10,243
Total liabilities		12,814		10,306		105,035		84,479
Net assets: Shareholders' equity Common stock Authorized 16,000,000 shares								
Issued 2022- 4,512,651 shares (Note 13)		6,090		6,090		49,918		49,918
Capital surplus		6,518		6,518		53,428		53,428
Retained earnings		56,050		51,529		459,426		422,370
Less, treasury stock, at cost: (Note 13)		(7,326)		(7,323)		(60,050)		(60,024)
Total Shareholders' equity		61,332	_	56,815	•	502,722	•	465,693
Accumulated other comprehensive income Unrealized gain (loss) on available-for-sale								
securities		1,892		1,507		15,504		12,350
Foreign currency translation adjustments		(47)		(165)		(386)		(1,349)
Remeasurements of defined benefit plans		61	_	44		498	•	363
Total accumulated other comprehensive income		1,905		1,386		15,616		11,365
Non-controlling interests		155		143		1,274		1,172
Total net assets		63,393		58,344		519,613		478,229
Total liabilities and net assets	¥	76,207	¥	68,650	\$	624,648	\$	562,709

MATSUMOTO YUSHI-SEIYAKU CO.,LTD AND A SUBSIDIARY CONSOLIDATED STATEMENTS OF INCOME YEARS ENDED MARCH 31, 2022 and 2021

						Thousands o	f U.S.	dollars
		Million	s of y				te 1)	
		2022		2021		2022		2021
Net sales(Note 18,19,23)	¥	37,248	¥	29,605	\$	305,311	\$	242,666
Cost of sales(Note 18,19)		27,439		21,991		224,907		180,255
Gross profit		9,809		7,614		80,404		62,410
Selling, general and								
administrative expenses (Note 14)		4,051		3,668		33,203		30,069
Operating income		5,759		3,946		47,201		32,342
Other income (expenses):								
Interest and dividend income		142		136		1,162		1,112
Interest expenses		(0)		(0)		(0)		(1)
Investment profit (Loss) on equity method		130		161		1,063		1,316
Foreign exchange profit (Loss)		1,526		331		12,507		2,711
Governmental subsidy		_		191		_		1,565
Loss on tax purpose reduction entry of non-current asse	ts	_		(187)		_		(1,535)
Other, net		182		228		1,489		1,865
Income before income taxes and non-controlling interests		7,776		4,804		63,737		39,374
Income taxes (Note 16):								
Current		2,319		1,380		19,008		11,312
Deferred		(41)		(21)		(336)		(174)
		2,278		1,359		18,672		11,138
Net income		5,498		3,445		45,065		28,236
Net income attributable to :								
Non-controlling interests in subsidiary		(6)		(12)	_	(51)	_	(94)
Owners of parent	¥	5,492	¥	3,433	\$	45,013	\$	28,142
		W		37		U.S. o		3
		Yen 2022		Yen 2021		2022	te 1)	2021
		2022		2021		2022		2021
Net income per share:								
Basic(Note 20)	¥	1,697.19	¥	1,060.99	\$	13.911	\$	8.697
Cash dividends per share(Note 13)	-	350.00	•	300.00	*	2.869	7	2.459
r(2.007		2

The accompanying notes are an integral part of these statements.

MATSUMOTO YUSHI-SEIYAKU CO.,LTD AND A SUBSIDIARY CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME YEARS ENDED MARCH 31, 2022 and 2021

						Thousands of	of U.S. o	dollars	
		Million	s of yea	1	(Note 1)				
		2022		2021		2022	2021		
Income before income taxes and non-controlling interests Other comprehensive income(Note 17):		5,498	¥	3,445	\$	45,065	\$	28,236	
Unrealized gains (losses) on available-for-sale	;								
securities		385		856		3,153		7,018	
Foreign currency translation adjustments		37		(27)		301		(221)	
Remeasurement of defined benefit plans		5		46		43		378	
Share of other comprehensive income of associ	ciates								
accounted for using equity method		102		(0)		838		(2)	
Total other comprehensive income (loss)		529		875		4,336		7,173	
Comprehensive income	¥	6,027	¥	4,320	\$	49,400	\$	35,409	
Comprehensive income attributable to:									
Owners of the parent company		6,008		4,318		49,245		35,392	
Minority interests		19		2		155		17	

MATSUMOTO YUSHI-SEIYAKU CO.,LTD AND A SUBSIDIARY CONSOLIDATED STATEMENTS OF CHANGES IN NET ASSETS YEARS ENDED MARCH 31, 2022 and 2021

							Millions of y	ren				
				Shareholders' equ	ity		·	Accumulated oth	er comprehensive in	ncome		
	Number of shares issued (thousands)	Common stock	Capital surplus	Retained earnings	Treasury stock	Total Shareholders' equity	Unrealized gain (loss) on other securities	Foreign currency translation adjustments	Remeasurem ents of defined benefit plans	Total Accumulated other comprehensive income	Non- controlling interests	Total net assets
Balance at March 31, 2020	4,513	6,090	6,518	49,067	(7,322)	54,353	651	(154)	6	503	154	55,010
Cash dividends				(971)		(971)						(971)
Net income attributable to owners of parent				3,433		3,433						3,433
Purchase of treasury stock Net change of items other than					(1)	(1)	0.76	(4.0)		00.1	(12)	(1)
shareholders' equity Balance at March 31, 2021	4,513	¥ 6,090	¥ 6,518	¥ 51,529	¥ (7,323)	¥ 56,815	856 ¥ 1,507	$\frac{(10)}{Y}$ (165)	38 ¥ 44	¥ 1,386	(12) ¥ 143	¥ 58,344
Cash dividends	4,313	1 0,090	1 0,316	(971)	1 (7,323)	(971)	1,307	1 (103)	1 44	1,300	143	(971)
Net income attributable to				, , ,		, , ,						, ,
owners of parent Purchase of treasury stock				5,492	(3)	5,492						5,492
Net change of items other than					(3)	(3)	205	115	1.6	710	12	
shareholders' equity Balance at March 31, 2022	4,513	¥ 6,090	¥ 6,518	¥ 56,050	¥ (7,326)	¥ 61,332	385 ¥ 1,892	$\frac{117}{Y}$ (47)	¥ 61	¥ 1,905	13 ¥ 155	¥ 63,393
				G1 1 11 1	•,	Thousand	ds of U.S. dol		1			
				Shareholders' equ	ıty				er comprehensive in	ncome Total	- Non-	Total
	Number of shares issued (thousands)	Common stock	Capital surplus	Retained earnings	Treasury stock	Total Shareholders' equity	Unrealized gain (loss) on other securities	Foreign currency translation adjustments	Remeasurem ents of defined benefit plans	Accumulated other comprehensive income	controlling interests	net assets
Balance at March 31, 2020	4,513	\$ 49,918	\$ 53,428	\$ 402,186	\$ (60,014)	\$ 445,518	\$ 5,332	\$ (1,264)	51	\$ 4,119	\$ 1,266	\$ 450,903
Cash dividends Net income attributable to				(7,957)		(7,957)						(7,957)
owners of parent				28,142		28,142						28,142
Purchase of treasury stock Net change of items other than					(10)	(10)						(10)
shareholders' equity							7,018	(85)	312	7,246	(94)	7,151
Balance at March 31, 2021	4,513	\$ 49,918	\$ 53,428		\$ (60,024)	\$ 465,693	\$ 12,350	\$ (1,349)	\$ 363	\$ 11,365	\$ 1,172	\$ 478,229
Cash dividends Net income attributable to owners of parent				(7,957) 45,013		(7,957) 45,013						(7,957) 45,013
Purchase of treasury stock				- ,	(27)	(27)						(27)
Net change of items other than					` ,	` ,	3,154	963	135	4,252	103	4,354
shareholders' equity							3,134	903	133	4,232	103	<u> </u>

The accompanying notes are an integral part of these statements.

MATSUMOTO YUSHI-SEIYAKU CO.,LTD AND A SUBSIDIARY CONSOLIDATED STATEMENTS OF CASH FLOWS YEARS ENDED MARCH 31, 2022 and 2021

	3.6111	C	(Note 1)				
-	2022	2021	2022	2021			
-	2022	2021	2022	2021			
Cash flows from operating activities:							
Net income	¥ 7,776	¥ 4,804	\$ 63,737	\$ 39,374			
Adjustments for:							
Depreciation and amortization	929	931	7,617	7,635			
Loss (gain) on sales and disposal of property,	1	10	9	81			
Allowance for doubtful accounts	(1)	0	(6)	3			
Investment (profit) loss on equity method	(124)	(164)	(1,013)	(1,343)			
Increase (decrease) in retirement benefit liability	29	38	237	315			
Increase (decrease) in provision for bonuses	11	11	87	88			
Interest and dividend income	(142)	(136)	(1,162)	(1,112)			
Interest expenses	0	0	0	1			
Foreign exchange (profit) loss	(1,477)	(242)	(12,107)	(1,980)			
Loss on tax purpose reduction entry of non-current assets	_	187	_	1,535			
Subsidy income	_	(191)	_	(1,565)			
Decrease (Increase) in notes and accounts receivable	(1,821)	(526)	(14,925)	(4,310)			
Decrease (Increase) in inventories	(1,099)	503	(9,010)	4,123			
Increase (Decrease) in accounts payable	1,762	772	14,443	6,324			
Increase (Decrease) in accrued consumption tax	(394)	350	(3,232)	2,865			
Other, net	78	(133)	643	(1,087)			
Sub total	5,529	6,216	45,317	50,947			
Interest and dividend income received	181	191	1,486	1,567			
Interest expenses paid	(0)	(0)	(1)	(1)			
Income taxes paid	(1,374)	(1,363)	(11,265)	(11,174)			
Net cash provided by operating activities	4,336	5,044	35,538	41,340			
Cash flows from investing activities:							
Repayment of maturity of time deposits	(1,020)	(1,020)	(8,361)	(8,361)			
Proceeds from maturity of time deposits	1,020	1,020	8,361	8,361			
Receipt from redemption of investment securities	1	7	5	59			
Payments for purchase of property, plant and equipment	(462)	(792)	(3,790)	(6,493)			
Payments for purchase of investments in securities	(225)	(319)	(1,844)	(2,616)			
Subsidies received	_	191	_	1,565			
Other, net	1	149	10	1,223			
Net cash provided by (used in) investing activities	(686)	(764)	(5,620)	(6,263)			
Cash flows from financing activities:							
Cash dividends paid	(971)	(971)	(7,957)	(7,959)			
Cash dividends paid to non-controlling shareholders	(8)	(13)	(63)	(109)			
Purchase of treasury stock	(3)	(1)	(27)	(10)			
Repayments of lease obligations	(2)	(2)	(17)	(12)			
Net cash used in financing activities	(984)	(987)	(8,064)	(8,090)			
Effect of exchange rate changes on cash and cash equivalents	1,526	252	12,508	2,066			
Net increase (decrease) in cash and cash equivalents	4,192	3,544	34,362	29,053			
Cash and cash equivalents at beginning of year	40,682	37,137	333,456	304,403			
Cash and cash equivalents at end of year (Note 7)	¥ 44,874	¥ 40,682	\$ 367,818	\$ 333,456			

Thousands of U.S. dollars

The accompanying notes are an integral part of these statements.

MATSUMOTO YUSHI-SEIYAKU CO.,LTD. AND A SUBSIDIARY

Notes to Financial Statements Years Ended March 31, 2022 and 2021

1. Basis of Presenting Consolidated Financial Statements

Matsumoto Yushi-Seiyaku Co.,Ltd.(the "Company") maintains its accounts and records in accordance with the provisions set forth in the Company Code of Japan (the "Code") and the Financial Instruments and Exchange Act and in conformity with accounting principles and practices generally accepted in Japan, which are different from the accounting and disclosure requirements of International Accounting Standards.

The Company's overseas subsidiary maintains its accounts and records in conformity with generally accepted accounting principles and practices prevailing in its country of domicile.

The accompanying consolidated financial statements are prepared based on the consolidated financial statements of the Company and its subsidiary (the "Group") which were filed with the Director of Kanto Local Finance Bureau as required by the Financial Instruments and Exchange Act.

In preparing the accompanying consolidated financial statements, certain reclassifications and rearrangements have been made to the consolidated financial statements issued domestically in order to present them in a form which is more familiar to readers outside Japan.

The translation of the Japanese yen amounts into U.S. dollars is included solely for the convenience of the reader, using the approximate exchange rate at March 31, 2022, which was $\frac{1}{2}$ 122 to U.S.\$1.00. These translations for convenience should not be construed as representations that the Japanese yen amounts have been, could have been, or could in the future be, converted into U.S. dollars at this or any other rate of exchange.

2. Summary of Significant Accounting Policies

(a) Consolidation Principles

The consolidated financial statements include the accounts of the Company's subsidiary. All significant inter-company transactions and accounts are eliminated.

Investments in affiliates are accounted for by the equity method whereby the group includes in net income its share of income or losses of these companies, and records its investments at cost adjusted for its share of income, losses or dividends received.

Generally, companies that are owned more than 50% fall under the category of subsidiaries and companies that are owned 20% or more but not more than 50% fall under the category of affiliates, respectively.

However, companies that are owned 40% to 50% may also fall under the category of subsidiaries and companies that are owned 15% or more but not more than 20% may also fall under the category of affiliates, respectively, if the Company substantially controls the investees' management or has significant influence and relationship with the investees.

(b) Translation of Foreign Currencies

Foreign currency receivables and payables are translated into Japanese yen at the exchange rates in effect on the balance sheet date, and translation gains or losses are charged to income in the year incurred.

Assets, liabilities, revenue and expenses of overseas subsidiary are translated into Japanese yen at the exchange rates in effect on balance sheet date and shareholders' equity is translated into Japanese yen at historical rates. Differences arising from translation are presented as "Foreign currency translation adjustments" in the accompanying consolidated balance sheets.

(c)Consolidated Statement of Cash Flows

For the purposes of cash flow statements, cash and cash equivalents comprise cash on hand, deposits held at call with banks, net of overdrafts and all highly liquid investments with maturities of three months or less.

(d)Short-term Investments and Investments in Securities

In accordance with the Financial Instruments and Exchange Act, securities should be classified into four categories: trading securities, held-to-maturities securities, equity investments in an affiliate and other securities. Equity and debt securities are classified as other securities.

Marketable equity and debt securities are stated at fair value with unrealized gains and losses, net of applicable income taxes, reported as a separate component of shareholders' equity. Gains and losses are credited or charged to income when realized, with cost determined by the weighted average method.

However, if the fair value falls below 50% of cost and if there is no prospect of recovery, the unrealized losses have to be charged to income.

(e)Inventories

Finished products, work in process, purchased merchandise and law materials are stated at cost determined(net realized value method) by the weighted average method. Raw materials are stated at cost determined(net realized value method) by the weighted average method. Supplies and containers are stated at the most recent purchase prices.

(f)Property, Plant and Equipment

Property, plant and equipment are stated at cost. Depreciation of property, plant and equipment are as follows:

Buildings i Buildings acquired before March 31, 1998

Declining-balance method.

ii Buildings acquired after April 1, 1998

Straight-line method.

Structures i Structures acquired before March 31, 2016

Declining-balance method.

ii Structures acquired after April 1, 2016

Straight-line method.

Machinery and Equipment Declining-balance method.

Leased Assets Straight-line method over the lease period assuming no

residual value.

(g)Intangible Assets

Amortization of intangible assets is computed by the straight-line method.

(h)Accrued Severance Indemnities

Accrued severance indemnities are provided based on the amount of projected benefit obligation reduced by pension plan assets at fair value at the end of the period.

Employees' retirement benefits, covering employees of the Company, are provided through unfunded lump-sum benefit plans and funded noncontributory pension plans. Under the plans, eligible employees are entitled, under most circumstances, to severance payments based on compensation at the time of severance and year of service.

Actuarial losses will be amortized over five years beginning with the next year and past service cost will be expensed in the fiscal year collectively.

(i)Standards for Recognizing Revenues and Expenses

①Description of the performance obligations in the main business

The Group sells products related to the two divisions in the surfactant division and the polymer and inorganic products division.

The normal point in time at which the entity fulfils the performance obligation (The normal point in time at which revenue is recognised)

Revenue from sales of products is recognized at the time of delivery of the products because the customer has gained control over the products and the performance obligations are satisfied at the time of delivery of the products. However, for domestic sales of goods or products, revenue is recognized at the time of shipment if the period between the time of shipment and the time when control of the goods or products is transferred to the customer is a normal period.

(j)Research and Development and Computer Software

Research and development expenditure is charged to income when incurred.

Expenditure relating to computer software developed for internal use is charged to income when incurred. When it contributes to the generation of income or to future cost savings, such expenditure is capitalized as an asset and is amortized using the straight-line method over its estimated useful life, namely, 5 years.

(k)Allowance for Doubtful Accounts

In accordance with the Accounting Standards for Financial Instruments, allowance for doubtful accounts is provided by actual bad debt expense ratio to normal receivables and by specific examination of collectability to bad debt.

(I)Consumption Tax

The consumption tax is imposed at the flat rate of 10% on the Company's sales to customers and purchases of goods and services. The consumption tax thus withheld on sales and paid on purchases by the Company is not included in the amounts of revenue and expense items.

Under the consumption tax law, the tax paid on purchases can generally be deducted from the tax withheld.

(m)Accrued Bonuses to Employees

As a general practice in Japan, bonuses are normally payable to employees in early summer and early winter covering the first and second half of the year, respectively. The Company records such accrued bonus liabilities at March 31.

(n)Income Taxes

Deferred tax assets and liabilities are determined based on the differences between financial statements and the tax bases of the assets and liabilities are measured using the enacted tax rates and laws which will be in effect when the differences are expected to be settled.

(o)Per Share Information

The computation of basic net income per share is based on net income available to common share-holders and the weighted average number of shares of common stock outstanding during each period. The average number of shares used in the computation was 3,236 thousand and 3,236 thousand for the periods ended March 31, 2022 and 2021, respectively.

Cash dividends per share shown in the statements of income are the amounts applicable to the respective years.

(p)Amortization Method of Goodwill and Period Thereof

Goodwill is mainly amortized on a straight-line basis over a period when the effect lasts to. Immaterial goodwill is amortized in full in the same fiscal year in which it is incurred.

3. Significant Accounting Estimates

Items whose amounts have been recorded in the consolidated financial statements for the current consolidated fiscal year based on accounting estimates that may have a material impact on the consolidated financial statements for the following consolidated fiscal year are as follows:

(1)Deferred tax assets \(\frac{\pma}{10}\) million and deferred tax liabilities \(\frac{\pma}{231}\) million

Deferred tax assets and liabilities are recorded to the extent considered to have the effect of reducing future tax burdens, based on the estimated future taxable income and feasible tax planning.

The estimated amount of future taxable income varies depending on the business environment and other factors at the time. Therefore, if factors that affect the estimated taxable income occur, the amount of deferred tax assets and deferred tax liabilities of our group may be significantly affected.

(2)Investment securities (unlisted stocks) 917 million yen

In the event that the real value of unlisted shares, whose market value is deemed extremely difficult to ascertain, declines significantly due to deterioration in the financial condition of the investee, it is determined whether to devalue the value following an assessment of the possibility of recovery,

If the performance of the investee declines significantly in the future and the appraised value of the investment securities is devalued, it may have a material impact on the business performance of our group in the following fiscal year and thereafter.

4. Unapplied Accounting Standard

•Accounting Standard for Fair Value measurement (ASBJ Guidance No. 31, June 17, 2021)

(1) Summary

Calculation of the market value of investment trusts and treatment of notes, and treatment of notes on the market value of investments in partnerships, etc. in which the amount equivalent to equity interests is recorded in the balance sheet at a net amount were stipulated.

(2)Planned Application

To be applied from the beginning of the fiscal year ending March 31, 2023.

(3)Effect of Accounting Standard Application

The Company is currently assessing the effects on the consolidated financial statements resulting from the application of this accounting standard for revenue.

5.Changes In Accounting Policies

· Application of Accounting Standards for Revenue Recognition

The Group applies the Accounting Standard for Revenue Recognition (ASBJ Statement No. 29, March 31, 2020. Hereinafter referred to as "Accounting Standard for Revenue Recognition".), etc. from the beginning of the current fiscal year, and recognizes revenue in the amount expected to be received in exchange for promised goods or services when control of those goods or services is transferred to customers. As a result, in the past, The Goup recognized the extinction of supplied goods paid for, but changed the method to not recognize the extinction of supplied goods when The Group is obligated to repurchase the supplied goods. By applying the alternative treatment set forth in Paragraph 98 of the "Guidance on Accounting Standard for Revenue Recognition", revenue is recognized at the time of shipment if the period from the time of shipment to the time when control of the product is transferred to the customer is an ordinary period in the domestic sales of the product or product.

The application of the new accounting policy is in accordance with the transitional treatment set forth in the proviso to paragraph 84 of the Accounting Standard for Revenue Recognition, and the cumulative effect of retroactive application of the new accounting policy prior to the beginning of the current consolidated fiscal year is adjusted to retained earnings at the beginning of the current consolidated fiscal year, and the new accounting policy is applied from the balance at the beginning of the current consolidated fiscal year. However, The Group has applied the method set forth in paragraph 86 of the Accounting Standard for Revenue Recognition, and has not retroactively applied the new accounting policy to contracts for which almost all revenue amounts were recognized in accordance with the previous treatment prior to the beginning of the current fiscal year.

As a result, the impact on earnings for the current fiscal year is immaterial. There is no impact on the balance of retained earnings at the beginning of the period.

In addition, in accordance with the transitional treatment set forth in Article 89, Paragraph -3 of the Accounting Standard for Revenue Recognition, the notes on "Revenue Recognition" for the previous fiscal year are not stated.

· Application of Accounting Standards for Calculation of Market Value

The Group has applied the "Accounting Standard for Calculation of Market Value" (ASBJ Statement No. 30, July 4, 2019. Hereinafter referred to as "Current Value Accounting Standard".), etc. from the beginning of the current consolidated fiscal year, and in accordance with the transitional treatment set forth in Paragraph 19 of the Accounting Standard for Calculation of Market Value and Paragraph 44 -2 of the Accounting Standard for Financial Instruments (ASBJ Statement No. 10, July 4, 2019), the new accounting policy set forth in the Accounting Standard for Calculation of Market Value, etc. will be applied in the future. This has no impact on the consolidated financial statements.

In addition, in the notes to "Financial Instruments," matters concerning the breakdown of the market value of financial instruments by level, etc. will be noted. However, in accordance with the transitional treatment set forth in "Guidance on Disclosure of Fair Value of Financial Instruments" (Corporate Accounting Guidelines No. 19, July 4, 2019), paragraph 7, paragraph -4, the notes pertaining to the previous consolidated fiscal year are not stated.

6.Additional Information

· Accounting Estimates on the Effects of the Spread of the Novel Coronavirus Infection

Although the impact of the resurgence of the novel coronavirus infection and the invasion of the Republic of Ukraine by the Russian Federation remains unclear, we do not expect any significant impact on accounting estimates, including the impairment of fixed assets and the recoverability of deferred tax assets, as of the date of preparation of the consolidated financial statements for the current fiscal year.

Since there are many uncertain factors regarding the impact of the COVID-19, etc., there is a possibility that The Group's financial position and operating results will be affected if the actual changes differ from the projections.

7. Financial Instruments

(1)Circumstances on financial instruments

(a) Policy for financial instruments

The Company and its consolidated subsidiaries manage the temporary surplus funds by deposit and securities with banks that have a high level of safety. The Company and its consolidated subsidiaries raise funds for business operation with short-term bank loans.

(b) Details and risk of financial instruments and its risk management

Receivables such as notes and accounts receivable are exposed to customer's credit risk.

Receivables denominated in foreign currencies are exposed to the market risk of fluctuation in foreign currency exchange rates.

In order to reduce to the customer's credit risk, the Company monitors the dues and balances by customer.

Short-term investments and investments in securities are exposed to market fluctuation risk, but mainly consist of equity of the companies which conduct business with the Company. The Company periodically monitors the fair value of the security and the financial condition of the issuer.

Payables such as accounts payable are due within 6 months.

Payables denominated in foreign currency are exposed to the risk of fluctuation in foreign currency exchange rates.

(c) Supplemental information on fair values of financial instruments

Fair values of financial instruments include values based on market price and reasonably estimated values when market price is not available. Because variable factors are counted in the estimation, the estimated values may vary by adopting different assumptions.

(2)Fair value of financial instruments

Financial instruments at March 31, 2022 and 2021 consisted of the following:

			milli	ons of yen		
				2022		
	Во	ok Value	Fa	air Value	Differen	nces
Cash and cash equivalents	¥	44,874	¥	44,874	¥	-
Notes and accounts receivable		10,129		10,129		-
Electonically recorded monetary clims		260		260		-
Short-term investments and investments in securities		2,188		2,188		-
Total assets	¥	57,452	¥	57,452	¥	-
Accounts payable		9,263		9,263		
Total liabilities	¥	9,263	¥	9,263	¥	-
			miiii	ons of yen 2021		
				2021		
		ok Value		air Value	Differen	nces
Cash and cash equivalents	¥	40,682	¥	40,682	¥	-
Notes and accounts receivable		8,318		8,318		-
Electonically recorded monetary clims		201		201		
Short-term investments and investments in securities		6,927		6,927		
Total assets	¥	56,127	¥	56,127	¥	
Accounts payable		7,952		7,952		-
1 2						

		thousar	ids of	U.S.dollars	(Note 1)	
				2022		
	Book Value			air Value	Differences	
Cash and cash equivalents	\$	367,819	\$	367,819	\$	
Notes and accounts receivable		83,025		83,070		-
Electonically recorded monetary clims		2,135		2,135		-
Short-term investments and investments in securities		17,938		17,938		-
Total assets	\$	470,916	\$	470,916	\$	-
Accounts payable		75,928		75,928		-
Total liabilities	\$	75,928	\$	75,928	\$	_
	_					

rvestments in securities, long-term loans.				.11.	C		
					is of ye	n	
			Oxyon	one year		er five	
	W	ithin one		in five		within	Over ten
	**	year		ears	•	years	years
Cash and cash equivalents	¥	44,874	¥	-	¥	-	¥
Notes and accounts receivable	•	10,129	•	_	1	_	-
Electonically recorded monetary clims		260		_		_	
Short-term investments and investments		200					
in securities							
Other		-		383		-	
Total assets	¥	55,263	¥	383	¥		¥
Total assets	<u>+</u>	33,203	<u>+</u>	303	<u> </u>	<u>-</u>	<u>+</u>
				million	ns of ye	n	
				20.			
			Over	one year	Ove	er five	
	W	ithin one	with	in five	years	within	Over ten
		year	y	ears	ten	years	years
Cash and cash equivalents	¥	40,682	¥	-	¥	_	¥
Notes and accounts receivable		8,318		_		_	
Electonically recorded monetary clims		201		-		_	
Short-term investments and investments							
in securities		_		_		_	
Other		_		90		263	
Total assets	¥	49,200	¥	90	¥	263	¥
			.1	1 011	0 1 11	Q1 . 1	
			thous	ands of U		rs(Note 1)
			Over	one year		er five	
	W	ithin one		in five		within	Over ten
		year	y	ears	•	years	years
Cash and cash equivalents	\$	367,819	\$	-	\$	-	\$
Notes and accounts receivable		83,025		-		-	
Electonically recorded monetary clims		2,135		-		-	
Short-term investments and investments							
in securities		-		-		-	
Other				3,142			·
Total assets	\$	452,978	\$	3,142	\$		\$

(3) Fair value information of financial instruments by level of inputs

Based on the observability and the significance of the inputs used to determine fair values, fair value information of financial instruments is presented by categorizing measurements into the following three levels:

Level 1 fair value: the fair value measured by quoted prices of identical assets or liabilities in active markets.

Level 2 fair value: the fair value measured using directly or indirectly observable inputs other than Level 1. Level 3 fair value: fair values measured using unobservable inputs.

Financial assets and financial liabilities measured at fair value in the consolidated balance sheet

		Millions of yen										
		2022										
		Fair value										
Types of shares	Level 1	Level 2	Level 3	Total								
Investments in securities												
Other securities												
Shares	4,646	-	_	4,646								
Total assets	4,646	-	-	4,646								
	Thousands of U.S.dollars(Note 1)											
		200	22									
		Fair v	alue									
Types of shares	Level 1	Level 2	Level 3	Total								
Investments in securities												
Other securities												
Shares	38,085	-	-	38,085								
Total assets	38,085	-	-	38,085								

The fair values of investment trusts are not included in the above.

(Note) Valuation techniques and inputs used in measuring fair value Investments in securities

Listed securities are measured using quoted prices. Fair value of listed securities are classified as Level 1, because they are traded in active markets.

8. Short-term Investments and Investments in Securities

Short-term investments at March 31, 2022 and 2021 consisted of the following:

			Millions of yen 2022 2021			Thousands of U.S. dollars(Note 1)		
				2022		.021		2022
Bonds and debentures			¥	_	¥	_	\$	_
Time deposits			1	510	1	510	Ψ	4,180
Other				-		0		-
			¥	510	¥	510	\$	4,180
TT1 C 11				1 2022	1 2021			
The following is a summary of investments	in sec	urities at M	arch 3	1, 2022 and	1 2021 1	espectivel	y:	
				Million	s of yen			
					31, 2022			
					ecurities			
				Gross		Gross	В	ook Value
			ι	ınrealized	un	realized	(I	Estimated
		Cost		gains		losses		fair value)
Equity securities	¥	2 606	¥	2.451	¥	(70)	¥	4 000
Other	1	2,606 1,256	+	2,451 340	+	(70)	+	4,988 1,597
Other	¥	3,863	¥	2,792	¥	(70)	¥	6,585
Add: Securities without readily determinable			_			(, , ,		576
Tida. Sociimies William Tadiny determinas	10 1011	, arac					¥	7,160
				Million	s of yen			
				March 3	31, 2021			
					ecurities			
				Gross		Gross		ook Value
		G .	ι	ınrealized		realized	,	Estimated
		Cost	-	gains		losses	1	fair value)
Equity securities	¥	2,401	¥	2,048	¥	(2)	¥	4,447
Other		1,083		340		-		1,423
	¥	3,484	¥	2,388	¥	(2)	¥	5,870
Add: Securities without readily determinable	le fair	value	====		-	<u> </u>		547
•							¥	6,417
			Thou	sands of U.				
				March 3				
				Other so				
				Gross		Gross		ook Value
		C .	ι	ınrealized		realized		Estimated
		Cost		gains		losses	1	fair value)
Equity securities	\$	21,363	\$	20,094	\$	(572)	\$	40,885
Other	Ψ	10,297	Ψ	2,790	Ψ	(3/2)	Ψ	13,088
	\$	31,660	\$	22,885	\$	(572)	\$	53,972

4,719

58,691

\$

Add: Securities without readily determinable fair value

9. Inventories

Inventories at March 31, 2022 and 2021 comprise the following:

					Thous	sands of U.S.
	Millions of yen				dollars(Note 1)	
	2022		2021		2022	
Finished goods	¥	2,425	¥	1,828	\$	19,881
Work in process		612		519		5,014
Raw materials and supplies		1,394		972		11,426
	¥	4,431	¥	3,319	\$	36,321

Revaluation loss on inventories of $\S 10$ million (U.S. \$85 thousand) and $\S 23$ million based on the lower of cost or market method was deducted from the carrying amounts of inventories at March 31,2022 and 2021, respectively.

10. Investments in Affiliates

Investments in affiliates as of March 31, 2022 and 2021 consisted of the following:

		Millior	ns of ye	n	sands of U.S. ars(Note 1)
		2022		2021	2022
Investments in securities (Stocks)	¥	1,678	¥	1,492	\$ 13,758

11. Property, Plant and Equipment

Accumulated reduction entry of property , plant and equipment purchased using funds from a government subsidy amounted to $\frac{1}{2}$ 24 million (U.S.\$1,834 thousand) and $\frac{1}{2}$ 224 million at March 31,2022 and 2021 , respectively.

12. Retirement and Pension Plans

The following tables set forth the changes in benefit obligation, and plan assets of the Company at March 31, 2022 and 2021 respectively:

(1) Changes in Benefit Obligations

					Thous	sands of U.S.	
	Millions of yen				dollars(Note 1)		
	2022			2021		2022	
Beginning balance of benefit obligations	¥	2,162	¥	2,081	\$	17,718	
Service costs		145		142		1,185	
Interest costs		24		23		195	
Actuarial differences arising during the year		(18)		6		(147)	
Retirement benefits paid		(56)		(91)		(459)	
Ending balance of benefit obligations	¥	2,256	¥	2,162	\$	18,492	

(2) Changes in Pension Assets

	Millions of yen				Thousands of U.S. dollars(Note 1)	
	2022		2021			2022
Beginning balance of pension assets	¥	1,188	¥	1,078	\$	9,740
Expected return on pension assets		29		26		237
Actuarial differences arising during the year		5		56		44
Contributions made by the Company and consolidated subsidiary		62		61		508
Retirement benefits paid		(22)		(33)		(183)
Ending balance of pension assets	¥	1,262	¥	1,188	\$	10,347

(3)Reconciliation of benefit obligations and pension assets with net defined benefit liability and asset on the Consolidated Balance Sheets

	Millions of yen				Thousands of U.S. dollars(Note 1)	
		2022 2021		2021	2022	
Funded benefit obligations Pension assets	¥	2,256 (1,262)	¥	2,162 (1,188)	\$	18,492 (10,347)
Net amount of liability and asset on Consolidated Balance Sheets	¥	994	¥	973	\$	8,146
					Thou	sands of U.S.
		Million	s of ye	en	dolla	rs(Note 1)
		2022		2021		2022
Net defined benefit liability Net amount of liability and asset on Consolidated Balance Sheets	¥	994 994	¥ ¥	973 973	\$	8,146 8,146

(4)Retirement Benefit Expenses

					Thous	ands of U.S.
	Millions of yen				dollars(Note 1)	
	2022		2021			2022
Service costs	¥	145	¥	142	\$	1,185
Interest costs		24		23		195
Expected return on pension assets		(29)		(26)		(237)
Amortization of actuarial differences		(15)		18		(121)
Retirement benefit expenses for defined benefit pension plans	¥	125	¥	157	\$	1,021

(5)Remeasurements of Defined Benefit Plans (Other Comprehensive Income) Breakdown (before deduction of tax effects)

		Million	ns of yen			(Note 1)
	202	22	2	021	2	022
Actuarial differences, etc. Total	¥	8	¥	67	\$	62
10141	1	O	1	07	Ψ	02

(6)Remeasurements of Defined Benefit Plans (Accumulated Other Comprehensive Income) Breakdown (before deduction of tax effects)

					Thousa	nds of U.S.
		Millions of yen				
	2022		2021		2022	
Unrecognized actuarial differences, etc.	¥	77	¥	69	\$	631
Total	¥	77	¥	69	\$	631

(7)Pension Assets Breakdown

	2022	2021
Bonds	13.7%	17.3%
Stocks	42.4%	29.0%
General account	14.3%	44.2%
Other	29.6%	9.5%
Total	100.0%	100.0%

$\label{eq:Rate of expected return on pension assets} \textbf{Rate of expected return on pension assets}$

The expected return on pension assets is determined based on the current and estimated future rates of return on various pension assets.

(8)Basic Assumptions for Calculating Benefit Obligations

	2022	2021
Discount rate	1.0%	1.0%
Expected rate of return on pension assets	2.4%	2.4%
Expected rate of salary increase	2.6%	2.6%

13. Supplemental Information for Consolidated Statements of Changes in Net Assets

(a) Type and number of outstanding shares

		Thousand	l of shares						
	Year ended March 31,2022								
Types of shares	Balance at beginning of year	Increase in shares during the year	Decrease in shares during the year	Balance at year end					
Issued stock:									
Common stock	4,513	-	-	4,513					
Treasury stock:									
Common stock	1,277	0	-	1,277					
		Thousand	l of shares						
		Year ended M	March 31,2021						
	Balance at	Increase in	Decrease in	_					
	beginning of	shares during	shares during	Balance at					
Types of shares	year	the year	the year	year end					
Issued stock:									
Common stock	4,513	-	-	4,513					
Treasury stock:									
Common stock	1,277	0	-	1,277					

(b)Dividends (1)Dividends paid to shareholders

			3	Year ended	March 31,2022				
Date of	Resolution	approved	Type of					Cut-off	Effective
approval	by		shares	A	Amount	Amo	ant per share	date	date
June 29, 2021	Annual gener of shareh	_	Common stock	• /		(Yen) (U.S.dollars) ¥300 \$2.46		March 31, 2021	June 30, 2021
			•	Year ended	March 31,2021				
Date of	Resolution	approved	Type of		•			Cut-off	Effective
approval	by		shares	A	Amount	Amo	ant per share	date	date
	-			(Mill:	ions of yen)		(Yen)		
June 26, 2020	Annual gener of shareh	_	Common stock		¥971		¥300	March 31, 2020	June 29, 2020
Date of approval	Resolution approved by	Type of shares	Source of dividends	A	March 31,2022		unt per share	Cut-off date	Effective date
June 29, 2022	Annual general meeting of shareholders	Common stock	Retained earnings	(Million s of yen) ¥1,132	(Thousand of U.S.dollars) \$9,282	(Yen) ¥350	(U.S.dollars) 2.87	March 31, 2022	June 30, 2022
			Ţ	Year ended	March 31,2021				
	Resolution								
Date of	approved	Type of	Source of					Cut-off	Effective
approval	by	shares	dividends		Amount	Amo	ınt per share	date	date
June 29, 2021	Annual general meeting of shareholders	Common stock	Retained earnings	(Mill	ions of yen) ¥971		(Yen) ¥300	March 31, 2021	June 29, 2021

14. Selling, General and Administrative Expenses

Selling, general and administrative expenses for the years ended March 31, 2022 and 2021 are summarized as follows:

					Thous	ands of U.S.
	Millions of yen				dollars(Note 1)	
	2022		2021		2022	
Packing and haulage expenses	¥	1,076	¥	877	\$	8,822
Employees' salaries and Bonuses		570		536		4,668
Provision for bonuses		134		127		1,100
Provision of allowance for doubtful accounts		-		(1)		-
Retirement benefit expenses		37		44		305
Research and development expenses		771		784		6,321

15. Research and Development Expenses

Research and development expenditure charged to income was $\frac{1}{2}$ 771 million(U.S.\$6,321 thousand) and $\frac{1}{2}$ 784 million for the year ended March 31, 2022 and 2021, respectively.

16. Income Taxes

The Company is subject to several taxes based on income, which in the aggregate resulted in statutory tax rates of approximately 30.62% and 30.62% for the years ended March 31, 2022 and 2021. Overseas subsidiary is subject to income taxes of the country in which it operates.

The effective rate for the two years ended March 31, 2022 and 2021 differs from the Company's statutory tax rate for the following reasons:

	2022	2021
Statutory tax rate	30.62	30.62
Permanently nondeductible expenses	0.06	0.12
Permanently nontaxable dividends received	(0.24)	(0.47)
Per capital levy of residents tax	0.15	0.26
Reserve for special depreciation	(0.79)	(1.28)
Difference of tax rates of overseas subsidiary	0.00	(0.06)
Elimination of intercompany dividend income	(0.06)	(0.16)
Other	(0.44)	(0.74)
Effective tax rate	29.30	28.29

The significant components of deferred tax assets and deferred tax liabilities at March 31, 2022 and 2021 are presented below:

		Thousands of U.S.				
	Millions of yen			dollars(Note 1)		
	2	022	2	2021		2022
Deferred tax assets:						
Net defined benefit liability	¥	302	¥	295	\$	2,476
Net unrealized holding losses on securities		64		66		523
Accrued employee bonuses		102		99		835
Accrued enterprise tax payable		92		52		751
Loss on valuation of golf club membership		29		41		239
Depreciation		26		25		210
Loss on valuation of investment securities		21		21		171
Unrealized losses on inventories		4		5		37
Other		38		36		310
Gross deferred tax assets		677		641		5,551
Valuation allowance		=		-		-
Total deferred tax assets		677		641		5,551
Deferred tax liabilities:						
Net unrealized holding profits on securities		(899)		(731)		(7,365)
Total deferred tax liabilities		(899)		(731)		(7,365)
Net deferred tax assets		10		1		83
Net deferred tax liabilities		(231)		(91)		(1,897)

17. Comprehensive Income

Reclassification adjustments and income tax effects attributable to other comprehensive income for the years ended March 31, 2022 and 2021 are as follows:

	Millions of yen				Thousands of U.S dollars		
	20	022	2	2021		2022	
Valuation difference on available-for-sale securities:							
Gains (losses) arising during the year	¥	593	¥	1,234	\$	4,861	
Reclassification adjustments		(39)		0		(316)	
Before income tax effects		555		1,234		4,545	
Income tax effects		170		378		1,392	
Total		385		856		3,153	
Foreign currency translation adjustments:				<u>.</u>			
Adjustments arising during the year		37		(27)		301	
Reclassification adjustments		-		-		-	
Before income tax effects		37		(27)		301	
Income tax effects		-		-		-	
Total		37		(27)		301	
Remeasurements of defined benefit plans:							
Adjustments arising during the year		22		49		183	
Reclassification adjustments		(15)		18		(121)	
Before income tax effects		8		67		62	
Income tax effects		(2)		(20)		(19)	
Total		5		46		43	
Share of other comprehensive income of entities accounted							
foe using equity method:							
Adjustments arising during the year		106		(2)		869	
Reclassification adjustments		0		(1)		1	
Before income tax effects		106		(3)		870	
Income tax effects		(4)		3		(32)	
Total		102		(0)		838	
Total other comprehensive income	¥	529	¥	875	\$	4,336	

18. Segment and Related Information

Matsumoto Yushi-Seiyaku Co., Ltd. For Japan segment, and P.T. Matsumoto Yushi Indonesia for Indonesian segment, respectively, function as an independent business entity developing comprehensive strategies and promoting business operations.

The reported segments are individually accounted for, with separate financial data available, and are subject to periodical scrutiny by the Board of Directors for performance evaluation and resources assignment.

(1) Segment information

Segment information for the years ended March 31, 2022 and 2021 consisted of the following respectively:

following respectively:	Millions of yen						
	2022						
				.022			
		Japan	Ind	onesia	Tota	l segments	
Sales							
Anionic surfactants	¥	3,222	¥	8	¥	3,230	
Nonionic surfactants		22,534		403		22,937	
Cationic and zwitterionic surfactants		999		3		1,002	
High polymer and inorganic chemicals	·	9,881		198		10,079	
Revenue from contracts with customers		36,636		612		37,248	
Sales to external customers		36,636		612		37,248	
Inter-segment		332		41	-	373	
Total sales	¥	36,968	¥	653	¥	37,621	
Segment income		5,742		21	· ·	5,763	
Total assets		74,513		628		75,141	
Total liabilities		12,907		185		13,092	
Other							
Depreciation	¥	921	¥	8	¥	929	
Capital expenditure		321		0		321	
			Millio	ns of yen			
			2	.021			
		Japan	Ind	onesia	Tota	l segments	
Sales							
External customers	¥	29,134	¥	471	¥	29,605	
Inter-segment		178		20		198	
Total sales	¥	29,312	¥	491	¥	29,803	
Segment income		3,896		44		3,940	
Total assets		67,135		533		67,668	
Total liabilities		10,348		127		10,474	
Other							
Depreciation	¥	926	¥	5	¥	931	
Capital expenditure		478		6		483	

	Thousands of U.S.dollars						
				2022			
		Japan	Ir	ndonesia	Tota	al segments	
Sales	ф	26.410	Ф	((Ф	26 475	
Anionic surfactants	\$	26,410	\$	66	\$	26,475	
Nonionic surfactants		184,705		3,303		188,008	
Cationic and zwitterionic surfactants		8,189		25		8,213	
High polymer and inorganic chemicals		80,992		1,623		82,615	
Revenue from contracts with customers		300,295		5,016		305,311	
Sales to external customers		300,295		5,016		305,311	
Inter-segment		2,721		336		3,057	
Total sales	\$	303,016	\$	5,352	\$	308,369	
Segment income		47,066	·	172		47,238	
Total assets		610,762		5,148		615,910	
Total liabilities		105,795		1,516		107,311	
Other		· · · · · · · · · · · · · · · · · · ·					
Depreciation	\$	7,549	\$	66	\$	7,615	
Capital expenditure	·	2,631		0	•	2,631	
(2) Adjustments and eliminations					TC1	1 CILC	
Reconciliation of sales		Millions of yen				Thousands of U.S. dollars(Note 1)	
reconcination of sales		2022		2021	don	2022	
Segment sales	¥	37,621	¥	29,803	\$	308,373	
Inter-segment transactions (elimination)	1	(373)	-	(198)	Ψ	(3,061)	
Group sales	¥	37,248	¥	29,605	\$	305,311	
Group sales		37,240		27,003	Ψ	303,311	
Reconciliation of income		Million	s of ve	en		ars(Note 1)	
		2022		2021		2022	
Segment income	¥	5,763	¥	3,940	\$	47,241	
Adjustment of inventory		(5)		5		(40)	
Group operating income	¥	5,759	¥	3,946	\$	47,201	
					Thou	sands of U.S.	
Reconciliation of assets		Million	is of ye	en	doll	ars(Note 1)	
		2022		2021		2022	
Segment operating assets	¥	75,141	¥	67,668	\$	615,910	
Inter-segment transactions (elimination)		(210)		(98)		(1,720)	
Adjustment of inventory		(5)		(6)		(44)	
Other adjustments	_	1,272		1,086		10,428	
Group assets	¥	76,207	¥	68,650	\$	624,648	

Reconciliation of liabilities	Million	dollars(Note 1)		
	2022	2021	2022	
Segment operating liabilities Inter-segment transactions (elimination) Other adjustments	¥ 13,092 (210) (77) ¥ 12,814	¥ 10,474 (98) (69) ¥ 10,306	\$ 107,312 (1,720) (631)	
Group liabilities	¥ 12,814	¥ 10,306	\$ 105,035	
(3) Related information				
Products and Services information Sales to external customers	Millions of yen 2022	Millions of yen 2021	Thousands of U.S. dollars(Note 1)	
Surfactants High polymer and inorganic chemicals Other Total	¥ 27,169 9,464 615 ¥ 37,248	¥ 21,773 7,472 360 ¥ 29,605	\$ 222,696 77,573 5,043 \$ 305,311	
Geographic information Sales to external customers	Millions of yen 2022	Millions of yen 2021	Thousands of U.S. dollars(Note 1)	
Japan Asia Other Total	¥ 12,163 21,344 3,741 ¥ 37,248	¥ 11,936 15,936 1,733 ¥ 29,605	\$ 99,695 174,952 30,665 \$ 305,311	
Main customers information Sales	Millions of yen	Millions of yen 2021	Thousands of U.S. dollars(Note 1)	
Marubeni Chemix Corporation Nippon Quaker Chemical, Ltd.	¥ 11,836 4,727	¥ 8,788 3,915	\$ 97,019 38,748	

Thousands of U.S.

19. Related Party Transactions

Principal transactions between the Company and its affiliate for the years ended March 31, 2022 and 2021 are summarized as follows:

,		Million	s of yer	1	usands of dollars
		2022	- 2	2021	2022
Sales(Nippon Quaker Chemical, Ltd.)	¥	4,727	¥	3,915	\$ 38,748
Purchase(Nippon Quaker Chemical, Ltd.)		2,450		1,628	20,079
20. Per Share Data					

	yen				U	U.S.dollars		
	2022			2021		2022		
Net income per share	¥	1,697.19	¥	1,060.99	\$	13.911		
Net assets per share	¥	19,544.43	¥	17,986.18	\$	160.200		

The bases for calculating net income per share are as follows:

		Million	s of yer	1	 ousands of S dollars
	2	2022	2	2021	2022
Profit attributable to owners of parent available for distribution to common shareholders	¥	5,492	¥	3,433	\$ 45,013
		Sha	ares		
	2	2022	2	2021	
Weighted average number of shares for net income	3	5,235,713	3	3,235,931	

The bases for calculating net assets per share are as follows:

			Thousands of	
	Millions	U.S dollars		
	2022	2021	2022	
Total net assets	¥ 63,393 ¥ 58,344		\$ 519,613	
Amounts deducted from total net assets				
Noncontrolling interests	(155)	(143)	(1,274)	
Net assets attributable to shares of common stock	63,237	58,201	518,339	
	Sha	res		
	2022	2021		
Number of shares of common stock used in the calculation of net assets per share	3,235,566	3,235,872		

21. Asset Retirement Obligations

Asset retirement obligations for the year ended March 31, 2022 and 2021 consisted of the following respectively:

		Millions of yen 2022		Millions of yen 2021		Thousands of U.S. dollars(Note 1)	
Balance at beginning of year	¥	110	¥	109	\$	905	
Payments for purchase of property, plant and equipment Interest cost		- 1		- 1		10	
Balance at end of year	¥	112	¥	110	\$	915	

22. Subsidiaries

The Company's subsidiaries are as follows:

	Ownership	
Name	Interest	Country of Incorporation
P.T.Matsumoto-Yushi Indonesia	65%	Indonesia

23. Revenues from contracts with customers

(1)Disaggregation of revenue from customer contracts

The disaggregation of revenue from contracts with customers is as described in Notes18 (Segment and Related Information).

(2) Revenues from contracts with customers

Information for understanding revenues is provided in Note 2(i), "Summary of Significant Accounting Policies—Standards for Recognizing Revenues and Expenses"

(3) Revenue in the current and subsequent consolidated fiscal years

(a) Receivables from contracts with customers and contract liabilities

Contract liabilities relate mainly to advances received from customers from the obligation to transfer goods or products to customers.

They are included in "Other current liabilities" under current liabilities in the accompanying consolidated financial statements.

The contractual liability balances recorded at the beginning of the period are generally recognized as revenue within 1 year.

The balances of receivables from contracts with customers and contract liabilities were as follows.

			Thous	sands of U.S.	
	Mil	lions of yen	dollars(Note 1)		
	2022		2022		
Receivables from contracts with customers (opening balance)					
Notes and accounts receivable	¥	8,214	\$	67,331	
Electronically recorded monetary claims		201		1,644	
Total	¥	8,415	\$	68,974	
Receivables from contracts with customers (closing balance)					
Notes and accounts receivable	¥	9,989	\$	81,879	
Electronically recorded monetary claims		260		2,135	
Total	¥	10,250	\$	84,014	
Contract liabilities (opening balance)	¥	42	\$	344	
Contract liabilities (closing balance)	¥	72	\$	591	

(b) The transaction prices allocated to remaining performance obligations

The total amount of the transaction price allocated to the remaining performance obligation is 72 million yen, and expected to be recognized within 1 year.