(Translation)

This document has been translated from the Japanese original for the convenience of overseas stakeholders. In the event of any discrepancy between this document and the Japanese original, the original shall prevail.

Annual Securities Report

From April 1, 2021 to March 31, 2022

(The 153rd Fiscal Year)

KOMATSU LTD. E01532

Annual Securities Report

- 1. This is an English translation of the Annual Securities Report ("Yukashoken Hokokusho") filed via the Electronic Disclosure for Investors' Network ("EDINET") system as set forth in Article 27-30-2 of the Financial Instruments and Exchange Act of Japan. The translation includes a table of contents and pagination that are not included in the electronic filing.
- 2. Appended to the back of this document, are English translations of the auditors' report that was attached to the Annual Securities Report when it was filed using the aforementioned method, and the internal control report and confirmation letter that were filed at the same time as the Annual Securities Report.

Certain References and Information

This report is prepared for overseas investors and compiled based on contents of the Annual Securities Report ("Yukashoken Hokokusho") of Komatsu Ltd. filed with the Director-General of the Kanto Local Finance Bureau of Japan on June 20, 2022.

In this report, Komatsu Ltd. is hereinafter referred to as the "Company" and together with its consolidated subsidiaries as "Komatsu."

Cautionary Statement with respect to forward-looking statements:

This report contains forward-looking statements that reflect managements' views and assumptions in the light of information currently available with respect to certain future events, including expected financial position, operating results and business strategies. These statements can be identified by the use of terms such as "will," "believes," "should," "projects," "plans," "expects" and similar terms and expressions that identify future events or expectations. Actual results may differ materially from those projected, and the events and results of such forward-looking assumptions cannot be assured. Any forward-looking statements speak only as of the date of this report, and the Company assumes no duty to update such statements.

Factors that may cause actual results to differ materially from those predicted by such forward-looking statements include, but are not limited to, unanticipated changes in demand for Komatsu's principal products, owing to changes in the economic conditions in Komatsu's principal markets; changes in exchange rates or the impact of increased competition; unanticipated costs or delays encountered in achieving Komatsu's objectives with respect to globalized product sourcing and new information technology tools; uncertainties as to the results of Komatsu's research and development efforts and its ability to access and protect certain intellectual property rights; the impact of regulatory changes and accounting principles and practices; and the introduction, success and timing of business initiatives and strategies.

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[Document title] Annual Securities Report ("Yukashoken Hokokusho")

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[Place of filing] Director-General of the Kanto Local Finance Bureau

[Filing date] June 20, 2022

[Fiscal year] The 153rd Fiscal Year (from April 1, 2021 to March 31, 2022)

[Company name] Kabushiki Kaisha Komatsu Seisakusho

[Company name in English] KOMATSU LTD.

[Title and name of representative] Hiroyuki Ogawa, President and Representative Director

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Department

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(2-1, Nihombashi Kabutocho, Chuo-ku, Tokyo, Japan)

Part I Company Information

Item 1. Overview of the Company and Its Consolidated Subsidiaries

1. Summary of Business Results

(1) Consolidated

(Millions of yen, unless otherwise stated)

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Fiscal year			149 th	150 th	151 st	152 nd	153 rd
Year ended			March 31, 2018	March 31, 2019	March 31, 2020	March 31, 2021	March 31, 2022
Net sales (Note 2)			2,501,107	2,725,243	2,444,870	2,189,512	2,802,323
Income before income equity in earnings of af companies (Note 3)			291,807	377,471	223,114	162,775	324,568
Net income attributable Ltd.	to Komatsu		196,410	256,491	153,844	106,237	224,927
Comprehensive income to Komatsu Ltd.	attributable		148,578	248,576	62,999	194,552	388,477
Total Komatsu Ltd. sha equity	reholders'		1,664,540	1,815,582	1,771,606	1,912,297	2,232,511
Total equity			1,743,590	1,902,868	1,856,225	2,012,025	2,356,277
Total assets			3,372,538	3,638,219	3,653,686	3,784,841	4,347,522
Total Komatsu Ltd. sha equity per share (Note		(Yen)	1,764.58	1,923.47	1,875.47	2,023.34	2,361.66
Net income attributable to	Basic (Note 5)	(Yen)	208.25	271.81	162.93	112.43	237.97
Komatsu Ltd. per share	Diluted	(Yen)	207.97	271.51	162.80	112.39	237.92
Total Komatsu Ltd. sha equity ratio	reholders'	(%)	49.4	49.9	48.5	50.5	51.4
Return on equity		(%)	12.1	14.7	8.6	5.8	10.9
Price earnings ratio		(Times)	17.0	9.5	10.9	30.4	12.4
Net cash provided by o activities	perating		148,394	202,548	295,181	354,129	300,970
Net cash used in investi	ng activities		(377,745)	(187,204)	(190,930)	(163,057)	(143,569)
Net cash provided by (used in) financing activities			243,949	(3,660)	(3,457)	(199,667)	(93,868)
Cash and cash equivalents, end of year		144,397	148,479	247,616	241,803	315,360	
Number of employees			59,632	61,908	62,823	61,564	62,774
[Separately, average nutemporary employees]	mber of	(Persons)	[5,385]	[6,766]	[6,056]	[4,056]	[4,981]

Notes:

- 1) The figures in the consolidated financial statements have been rounded to the nearest million yen.
- 2) Net sales do not include consumption taxes, etc.

- 3) The consolidated financial statements are prepared and presented in accordance with generally accepted accounting principles in the United States of America (hereinafter "U.S. GAAP"). Therefore, "Income before income taxes and equity in earnings of affiliated companies" on the consolidated financial statements is presented in the above table instead of "Ordinary income".
- 4) Computed by the number of common shares outstanding, less treasury stock at the end of each fiscal year.
- 5) Computed by the weighted-average number of common shares outstanding, less treasury stock during each fiscal year.

Fiscal year	149 th	150 th	151 st	152 nd	153 rd	
Year ended	March 31, 2018	March 31, 2019	March 31, 2020	March 31, 2021	March 31, 2022	
Net sales		868,403	928,967	719,292	653,587	952,247
Ordinary income		136,924	195,534	62,008	25,055	94,135
Net income		135,119	157,754	58,316	21,875	78,342
Capital stock		70,120	70,561	70,973	71,322	71,678
Number of common share issued	(Thousands of shares)	971,967	972,252	972,581	972,887	973,145
Net assets		813,162	877,409	829,003	797,596	801,435
Total assets		1,305,526	1,339,074	1,356,652	1,332,733	1,403,535
Net assets per share	(Yen)	859.01	927.18	876.06	842.84	847.04
Cash dividend per share (Note 2 and 3)	(Yen)	84.0	110.0	94.0	55.0	96.0
[Of the above interim dividend per share]	(Yen)	[36.0]	[51.0]	[55.0]	[18.0]	[40.0]
Net income per share	(Yen)	143.18	167.10	61.73	23.14	82.85
Net income per share reflecting the potential dilution	(Yen)	143.00	166.94	61.70	23.13	82.83
Total equity ratio	(%)	62.1	65.4	61.0	59.8	57.1
Return on equity	(%)	17.1	18.7	6.8	2.7	9.8
Price earnings ratio	(Times)	24.8	15.4	28.8	147.8	35.5
Dividend payout ratio	(%)	58.7	65.8	152.3	237.7	115.9
Total shareholders return	(%)	125.1	95.3	71.2	129.7	116.6
[Of TOPIX Machine Index]	(%)	[118.3]	[103.0]	[91.5]	[146.3]	[140.8]
Highest share price of each fiscal year (Note 4)	(Yen)	4,475.0	3,917.0	2,882.0	3,542.0	3,520.0
Lowest share price of each fiscal year (Note 4)	(Yen)	2,622.5	2,240.0	1,507.0	1,650.0	2,539.0
Number of employees		10,465	11,537	11,692	11,795	11,927
[Separately, average number of temporary employees]	(Persons)	[1,074]	[1,496]	[1,486]	[1,048]	[1,060]

Notes:

- 1) The figures in the Company's financial statements have been rounded down to the nearest million yen.
- 2) As part of the ¥96 per share of cash dividend for the 153rd fiscal year, the ¥56 per share year-end dividend for the 153rd fiscal year is a matter to be resolved at the Company's Ordinary General Meeting of Shareholders scheduled to be held on June 21, 2022.
- 3) Cash dividend of \$55 per share for the 152^{nd} fiscal year includes the 100^{th} anniversary commemorative cash dividend of \$10 per share.
- 4) Share prices in the table are quoted from the First Section of the Tokyo Stock Exchange.

2. History

2. History	
May 1921	The business unit of Komatsu Iron Works was spun off from Takeuchi Kogyo (in English,
	Takeuchi Mining Co.) to incorporate Kabushiki Kaisha Komatsu Seisakusho (in English,
	Komatsu Ltd.) in Komatsu Town (currently, Komatsu City), Ishikawa Prefecture, Japan.
April 1922	Acquired the business unit of Komatsu Denkiseikousho from Takeuchi Mining Co.
May 1938	Established Awazu Plant.
May 1949	Listed its common share on the Tokyo Stock Exchange and the Osaka Securities Exchange.
October 1952	Established Osaka Plant.
December 1952	Established Kawasaki Plant following the acquisition of Ikegai Automobile Manufacturing
	Company.
	Established Himi Plant following the acquisition of Chuetsu Electro Chemical Co., Ltd.
December 1962	Established Oyama Plant.
April 1985	Established a Research Division for research activities of cutting-edge technologies for
	mechatronics and new materials, etc.
September 1988	Incorporated Komatsu Dresser Company as a joint venture company with Dresser Industries,
1	Inc., U.S.A., (later, Komatsu Dresser Company changed its name to Komatsu America
	International Company, and was re-organized for business integration to Komatsu America
	Corp.)
June 1994	Incorporated Komatsu Industries Corporation and Komatsu Machinery Corporation (later,
	merged through an absorption-type merger with Komatsu NTC Ltd.), and transferred a part of
	business operations of the Company's industrial machinery business.
July 1997	Incorporated Komatsu Castex Ltd. and transferred the Company's steel casting business
-	operations in October 1997.
October 2006	Sold over 50% of issued shares of Komatsu Electronic Metals Co., Ltd. (currently, SUMCO
	TECHXIV CORPORATION) to SUMCO CORPORATION.
January 2007	Established Ibaraki Plant and Kanazawa Plant.
April 2007	Succeeded the hydraulic component business of Komatsu Zenoah Co. through an absorption-
	type corporate split.
April 2007	Komatsu Forklift Co., Ltd. changed its company name to Komatsu Utility Co., Ltd. following
	an absorption-type merger with Komatsu Zenoah Co. and transferred its outdoor power
	equipment business to the Japanese operating company owned by Husqvarna AB (currently,
	Husqvarna Zenoah Co., Ltd.).
March 2008	Acquired over 50% of the issued shares of NIPPEI TOYAMA Corporation (currently,
	Komatsu NTC Ltd.)
August 2008	Acquired 100% ownership of NIPPEI TOYAMA Corporation (currently, Komatsu NTC Ltd.)
_	through a share exchange.
April 2009	Transferred the Company's sales and service operations of construction and utility equipment
	business in Japan to Komatsu Tokyo Ltd. through an absorption-type corporate split.
	Komatsu Tokyo Ltd. merged with twelve Japanese distributors and changed its trade name to
	Komatsu Construction Equipment Sales and Service Japan Ltd.
April 2010	Transferred the Company's product development, sales, and service operations of the large-
	sized press business to Komatsu Industries Corporation through an absorption-type corporate
	split.
April 2011	Merged with Komatsu Utility Co., Ltd.
October 2014	Merged with Komatsu Diesel Co., Ltd.
April 2017	Acquired all shares of Joy Global Inc. (currently, Komatsu Mining Corp.) through Komatsu
	America Corp.
April 2018	Merged with Komatsu Tokki Corporation.
April 2018	Komatsu Construction Equipment Sales and Service Japan Ltd. merged with Komatsu Rental
1	Ltd. and Komatsu Forklift Japan Ltd., and changed its trade name to Komatsu Customer
	Support Japan Ltd.
October 2018	Merged with Komatsu Castex Ltd.
July 2021	Transferred a part of the Company's rights and obligations relating to the
	SMARTCONSTRUCTION business to LANDLOG Ltd. LANDLOG Ltd. changed its trade
	name to EARTHBRAIN Ltd.
	which is not specified in the description, record it as the Company

Note: In case of subject is not specified in the description, regard it as the Company.

3. Description of Business

The Company's consolidated financial statements have been prepared in accordance with U.S. GAAP, pursuant to Paragraph 3, Supplementary Provisions of the "Cabinet Office Ordinance for Partial Revision of the Ordinance on Terminology, Forms, and Preparation Methods of Consolidated Financial Statements", the Ordinance of the Cabinet Office No. 11 of 2002. Based on the consolidated financial statements, its subsidiaries and affiliates are disclosed in accordance with definitions of U.S. GAAP. The same applies to "Item 2. Business Overview" and "Item 3. Property, Plants and Equipment."

Komatsu (the Company and its subsidiaries and affiliates) engages in the business activities of R&D, production, sales, marketing, services and retail financing for customers in Japan and overseas, under three business segments: the "Construction, Mining and Utility Equipment" operating segment, the "Retail Finance" operating segment and the "Industrial Machinery and Others" operating segment.

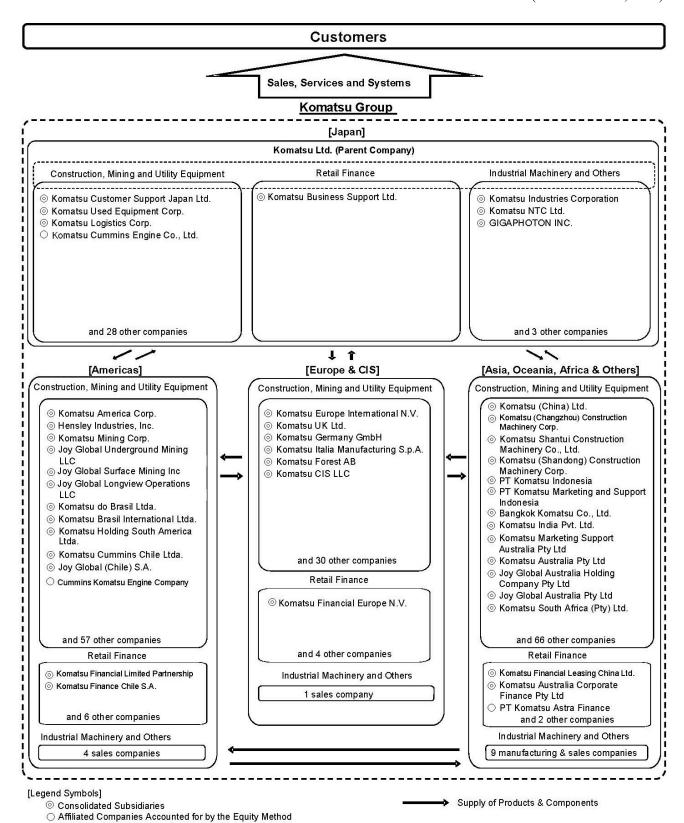
Komatsu is comprised 213 consolidated subsidiaries and 42 affiliated companies accounted for by the equity method.

The major business outlines of each business category and positioning of the Komatsu's principal subsidiaries and affiliates are described as follows. Major business categories below correspond to the business category in business segment information by operating segment.

Category/princip	oal products and businesses	Principal companies					
Construction, Mining and Utility Equipment							
Excavating equipment	Hydraulic excavators, rope shovels, mini excavators, backhoe loaders and blasthole drills	Komatsu Ltd., Komatsu Customer Support Japan Ltd., Komatsu Used Equipment Corp., Komatsu Logistics Corp., Komatsu America Corp., Hensley Industries, Inc., Komatsu Mining Corp., Joy Global Underground					
Loading equipment	Wheel loaders, mini wheel loaders and skid-steer loaders	Mining LLC, Joy Global Surface Mining Inc, Joy Global Longview Operations LLC, Komatsu do Brasil					
Grading and roadbed preparation equipment	Bulldozers and motor graders	Ltda., Komatsu Brasil International Ltda., Komatsu Holding South America Ltda., Komatsu Cummins Chile Ltda., Joy Global (Chile) S.A., Komatsu Europe					
Hauling equipment	Off-highway dump trucks, articulated dump trucks and crawler carriers	International N.V., Komatsu UK Ltd., Komatsu Germany GmbH, Komatsu Italia Manufacturing S.p.A., Komatsu Forest AB, Komatsu CIS LLC,					
Forestry equipment	Harvesters, forwarders and feller bunchers	Komatsu (China) Ltd., Komatsu (Changzhou) Construction Machinery Corp., Komatsu Shantui					
Tunneling machines	Shield machines and tunnel- boring machines	Construction Machinery Co., Ltd., Komatsu (Shandong) Construction Machinery Corp., PT					
Underground Mining Equipment	Continuous miners, longwall shearers, load haul dump loaders and jumbo drills	Komatsu Indonesia, PT Komatsu Marketing & Support Indonesia, Bangkok Komatsu Co., Ltd., Komatsu India Pvt. Ltd., Komatsu Marketing Support Australia Pty					
Recycling equipment	Mobile crushers, mobile soil recyclers and mobile tub grinders	Ltd, Komatsu Australia Pty Ltd, Joy Global Australia Holding Company Pty Ltd, Joy Global Australia Pty Ltd, Komatsu South Africa (Pty) Ltd. and other 143					
Industrial vehicles	Forklift trucks	subsidiaries (Total 177 companies)					
Other equipment	Railroad maintenance equipment	(Total 177 companies)					
Engines and components	Diesel engines, diesel generator sets and hydraulic equipment						
Casting products Logistics	Steel castings and iron castings Transportation, warehousing and packing						

Category/princip	pal products and businesses	Principal companies
Retail Finance		
Retail Financing	Leasing and installment of construction and mining equipment	Komatsu Ltd., Komatsu Business Support Ltd., Komatsu Financial Limited Partnership, Komatsu Finance Chile S.A., Komatsu Financial Europe N.V., Komatsu Financial Leasing China Ltd., Komatsu Australia Corporate Finance Pty Ltd and other 12 subsidiaries (Total 19 companies)
Industrial Machinery	and Others	1 /
Metal forging and	Servo presses and mechanical	Komatsu Ltd., Komatsu Industries Corporation,
stamping presses Sheet-metal	presses	Komatsu NTC Ltd., GIGAPHOTON INC. and other 16 subsidiaries
machines	Laser cutting machines, fine- plasma cutting machines, press brakes and shears	(Total 20 companies)
Machine tools	Transfer machines, machining centers, crankshaft millers, grinding machines and wire saws	
Defense systems	Ammunition and armored personnel carriers	
Temperature-control	Thermoelectric modules and	
equipment	temperature-control equipment for semiconductor manufacturing	
Optical Machinery	Excimer laser used for lithography tools in semiconductor manufacturing	

Note: The number of principal companies includes the Company and consolidated subsidiaries.



4. Overview of Subsidiaries and Affiliates

Consolidated subsidiaries

(Millions of yen, unless otherwise stated)

		1	ı		(Willions of yell, unless otherwise stated)
Company name	Location	Common stock, investments	Principal business	Ownership of voting rights (%)	Relationship
Komatsu Customer Support Japan Ltd. *1	Minato-ku, Tokyo, Japan	950	Construction, Mining and Utility Equipment	100.0	Sales and service of construction and utility equipment and industrial vehicles. Rental of construction equipment, etc. (Notes 1 and 2)
Komatsu Used Equipment Corp.	Yokohama, Kanagawa, Japan	290	Construction, Mining and Utility Equipment	100.0	Sales of used construction equipment, etc.
Komatsu Logistics Corp.	Minato-ku, Tokyo, Japan	1,080	Construction, Mining and Utility Equipment	100.0	Transportation, warehousing, packing and other services. (Note 2)
Komatsu Cabtec Co., Ltd.	Gamo, Shiga, Japan	300	Construction, Mining and Utility Equipment	100.0	Manufacture and sales of construction equipment parts. Supply of some products to the Company.
Komatsu Business Support Ltd.	Minato-ku, Tokyo, Japan	1,770	Retail Finance	100.0	Retail financing related to construction and mining equipment.
Komatsu Industries Corporation	Kanazawa, Ishikawa, Japan	990	Industrial Machinery and Others	100.0	Development, sales and service of metal forging and stamping presses, sheet- metal machines, etc. (Note 2)
Komatsu NTC Ltd.	Nanto, Toyama, Japan	6,014	Industrial Machinery and Others	100.0	Manufacture, sales and service of machine tools, etc. (Note 1)
GIGAPHOTON INC.	Oyama, Tochigi, Japan	5,000	Industrial Machinery and Others	100.0	Development, manufacture, sales and service of excimer laser and Extreme Ultra-Violet light sources used for lithography tools in semiconductors. (Notes 1 and 2)
KELK Ltd.	Hiratsuka, Kanagawa, Japan	390	Industrial Machinery and Others	100.0	Manufacture and sales of thermo-electric modules and temperature control equipment. (Note 2)
EARTHBRAIN Ltd. *1	Minato-ku, Tokyo, Japan	15,370	Construction, Mining and Utility Equipment	54.5	Development, provision, maintenance, etc. of digital solutions (construction site visualization devices, platforms, applications) for the construction industry. Supply of some products to the Company. (Note 1)

Company name	Location	Common stock, investments	Principal business	Ownership of voting rights (%)	Relationship
Komatsu America Corp. *1, 2	Chicago, U.S.A.	1,071 million US dollars	Construction, Mining and Utility Equipment	100.0	Manufacture and sales of construction, mining and utility equipment and supervision in the Americas. (Note 1)
Hensley Industries, Inc.	Dallas, U.S.A.	2 thousand US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture and sales of parts of construction and mining equipment.
Komatsu Mining Corp. *1	Milwaukee, U.S.A.	5 thousand US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Overall management of mining equipment business. (Note 1)
Joy Global Underground Mining LLC *1, 3	Warrendale, U.S.A.	1,406 million US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture, sales and service of mining equipment.
Joy Global Surface Mining Inc *1	Milwaukee, U.S.A.	1 thousand US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture, sales and service of mining equipment.
Joy Global Longview Operations LLC *1, 4	Longview, U.S.A.	993 million US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture, sales and service of mining equipment.
Komatsu Finance America Inc.	Chicago, U.S.A.	1 thousand US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Financing within Komatsu Group, fundraising, etc.
Modular Mining Systems, Inc.	Tucson, U.S.A.	16 thousand US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Development, manufacture, and sales of large-sized mining equipment management systems. (Note 1)
Komatsu do Brasil Ltda.	Suzano, Brazil	148 million real	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture of construction equipment and casting products.
Komatsu Brasil International Ltda. *1	Sao Paulo, Brazil	351 million real	Construction, Mining and Utility Equipment	[100.0] 100.0	Sales and service of construction and mining equipment. (Note 1)
Komatsu Holding South America Ltda. *1	Santiago, Chile	156 million US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Sales and service of construction and mining equipment. (Note 1)
Komatsu Cummins Chile Ltda.	Santiago, Chile	34 million US dollars	Construction, Mining and Utility Equipment	[81.8] 81.8	Sales and service of construction and mining equipment. (Note 1)

Company name	Location	Common stock, investments	Principal business	Ownership of voting rights (%)	Relationship
Joy Global (Chile) S.A.	Santiago, Chile	1,958 thousand US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture, sales and service of mining equipment.
Komatsu Maquinarias Mexico, S.A. de C.V.	Mexico City, Mexico	25 million Mexican peso	Construction, Mining and Utility Equipment	[60.0] 60.0	Sales and service of construction and mining equipment.
Komatsu Financial Limited Partnership *5	Chicago, U.S.A.	_	Retail Finance	[100.0] 100.0	Retail financing related to construction and mining equipment.
Komatsu Finance Chile S.A.	Santiago, Chile	40 million US dollars	Retail Finance	[100.0] 100.0	Retail financing related to construction and mining equipment.
Komatsu Europe International N.V. *1	Vilvoorde, Belgium	50 million euro	Construction, Mining and Utility Equipment	100.0	Sales of construction and mining equipment and supervision in Europe. (Note 1)
Komatsu Europe Coordination Center N.V. *1	Vilvoorde, Belgium	141 million euro	Construction, Mining and Utility Equipment	[100.0] 100.0	Financing within Komatsu Group, fundraising, etc.
Komatsu UK Ltd.	Birtley, U.K.	23 million pounds	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture of construction equipment.
Joy Global (UK) Limited	Worcester, U.K.	30 million pounds	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture, sales and service of mining equipment.
Komatsu Germany GmbH	Dusseldorf, Germany	24 million euro	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture and sales of construction and mining equipment.
Komatsu France S.A.S	Aubergenville, France	5 million euro	Construction, Mining and Utility Equipment	[100.0] 100.0	Sales and service of construction equipment.
Montabert S.A.S.	Saint-Priest, France	8,458 thousand euro	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture, sales and service of component for mining equipment and attachment.
Komatsu Italia Manufacturing S.p.A.	Este, Italy	6 million euro	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture of construction equipment.
Komatsu Forest AB	Umea, Sweden	397 million Swedish krona	Construction, Mining and Utility Equipment	100.0	Manufacture, sales, and service of forestry equipment.

Company name	Location	Common stock, investments	Principal business	Ownership of voting rights (%)	Relationship
Komatsu CIS LLC *1	Moscow, Russia	5,301 million Russian rubles	Construction, Mining and Utility Equipment	100.0	Sales of construction and mining equipment.
Komatsu Manufacturing Rus LLC *1	Yaroslavl, Russia	4,273 million Russian rubles	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture of construction equipment.
Komatsu Financial Europe N.V. *1	Vilvoorde, Belgium	80 million euro	Retail Finance	[100.0] 100.0	Retail financing related to construction and mining equipment.
Komatsu (China) Ltd. *1	Shanghai, China	165 million US dollars	Construction, Mining and Utility Equipment	100.0	Sales of construction and mining equipment and supervision in China. (Note 1)
Komatsu (Changzhou) Construction Machinery Corp.	Changzhou, Jiangsu, China	41 million US dollars	Construction, Mining and Utility Equipment	[85.0] 85.0	Manufacture of construction equipment.
Komatsu Shantui Construction Machinery Co., Ltd.	Jining, Shandong, China	12 million US dollars	Construction, Mining and Utility Equipment	[50.0] 100.0	Manufacture of construction equipment.
Komatsu (Shandong) Construction Machinery Corp. *1	Jining, Shandong, China	233 million US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture of components for construction equipment, etc.
PT Komatsu Indonesia *1	Jakarta, Indonesia	192,780 million Indonesian rupiah	Construction, Mining and Utility Equipment	94.9	Manufacture and sales of construction and mining equipment and casting products.
PT Komatsu Marketing & Support Indonesia	Jakarta, Indonesia	5 million US dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Sales and service of construction and mining equipment. (Note 1)
PT Komatsu Undercarriage Indonesia	Bekasi, Indonesia	15 million US dollars	Construction, Mining and Utility Equipment	[84.3] 84.3	Manufacture and sales of parts of construction and mining equipment.
PT Komatsu Remanufacturing Asia	Balikpapan, Indonesia	1,200 thousand US dollars	Construction, Mining and Utility Equipment	[51.0] 51.0	Manufacture and sales of remanufacturing components for construction and mining equipment.
Bangkok Komatsu Co., Ltd.	Chonburi, Thailand	620 million Thai baht	Construction, Mining and Utility Equipment	[74.8] 74.8	Manufacture and sales of construction equipment and casting products.

Company name	Location	Common stock, investments	Principal business	Ownership of voting rights (%)	Relationship
Komatsu Parts Asia Co., Ltd.	Chonburi, Thailand	170 million Thai baht	Construction, Mining and Utility Equipment	[100.0] 100.0	Sales of parts of construction and mining equipment.
Komatsu India Pvt. Ltd. *1	Kanchpuram, India	10,963 million Indian rupees	Construction, Mining and Utility Equipment	[54.8] 100.0	Manufacture and sales of construction and mining equipment.
Komatsu Marketing Support Australia Pty Ltd	Fairfield, Australia	22 million Australian dollars	Construction, Mining and Utility Equipment	[41.3] 62.0	Sales of construction and mining equipment. (Note 1)
Komatsu Australia Pty Ltd	Fairfield, Australia	30 million Australian dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Sales and service of construction and mining equipment. (Note 1)
Komatsu Australia Holdings Pty Ltd *1	Fairfield, Australia	197 million Australian dollars	Construction, Mining and Utility Equipment	100.0	Roles as holding company in Oceania. (Note 1)
Joy Global Australia Holding Company Pty Ltd *1	Murarrie, Australia	443 million Australian dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Roles as holding company of Joy Global Australia Pty Ltd.
Joy Global Australia Pty Ltd *1	Murarrie, Australia	608 million Australian dollars	Construction, Mining and Utility Equipment	[100.0] 100.0	Manufacture, sales and service of mining equipment.
Komatsu South Africa (Pty) Ltd.	Germiston, Republic of South Africa	186 million rand	Construction, Mining and Utility Equipment	[100.0] 100.0	Sales and service of construction and mining equipment. (Note 1)
Komatsu Financial Leasing China Ltd. *1	Shanghai, China	1,630 million renminbi	Retail Finance	[100.0] 100.0	Retail financing related to construction and mining equipment.
Komatsu Australia Corporate Finance Pty Ltd	Fairfield, Australia	49 million Australian dollars	Retail Finance	[62.0] 62.0	Retail financing related to construction and mining equipment.
Komatsu Bangkok Leasing Co., Ltd.	Samutprakarn, Thailand	550 million Thai baht	Retail Finance	[60.0] 60.0	Retail financing related to construction and mining equipment.
Other 155 companies					

(Millions of yen, unless otherwise stated)

Company name	Location	Common stock, investments	Principal business	Ownership of voting rights (%)	Relationship
Komatsu Cummins Engine Co., Ltd.	Oyama, Tochigi, Japan	1,400	Construction, Mining and Utility Equipment	50.0	Manufacture and sales of diesel engines. (Note 2)
QUALICA Inc.	Shinjuku-ku, Tokyo, Japan	1,234	Industrial Machinery and Others	20.0	Sales and development of software, sales of hardware, etc. Supply of some products to the Company. (Note 1)
Cummins Komatsu Engine Company *6	Seymour, U.S.A.	_	Construction, Mining and Utility Equipment	[50.0] 50.0	Manufacture and sales of diesel engines.
PT Komatsu Astra Finance	Jakarta, Indonesia	436,300 million Indonesian rupiah	Retail Finance	[50.0] 50.0	Retail financing related to construction and mining equipment.
Other 38 companies					

Notes:

- 1) A certain member of the Board of Directors or an Audit & Supervisory Board Member of the Company concurrently holds a position on the Board of Directors at this company.
- 2) The Company rents certain land and buildings to this company.
- 3) The name of the operating segment in which the companies are classified is shown in "Principal business."
- 4) The figures in square brackets in "Ownership of voting right (%)" represent the percentage of voting rights owned indirectly by the Company, among the total ownership percentage shown outside the square brackets.
- 5) Companies with an asterisk 1 (*1) in "Company name" are specified subsidiaries. A company which corresponds to the specified subsidiaries included in "other companies" of "Consolidated subsidiaries" is Ouadco Inc.
- 6) The total amount of sales (excluding inter-company transactions) of Komatsu America Corp. (indicated by asterisk 2 (*2) in "Company name"), exceeded the 10% of the amount of consolidated net sales in the period that corresponds to the recent fiscal year.

	Information on income or loss, etc. (Millions of yen)				
	Net sales	Income before income taxes and equity in earnings of affiliated companies	Net income	Total equity	Total assets
Komatsu America Corp.	536,751	117,486	88,341	903,291	1,425,193

- 7) Joy Global Underground Mining LLC (indicated by asterisk 3 (*3) in "Company name") is a limited liability company established based on the state law of Delaware, the U.S., and the Company invests in it through Komatsu Mining Corp. Its paid-in capital is presented as its common stock.
- 8) Joy Global Longview Operations LLC (indicated by asterisk 4 (*4) in "Company name") is a limited liability company established based on the state law of Texas, the U.S., and the Company invests in it through Komatsu Mining Corp. Its paid-in capital is presented as its common stock.

- 9) Komatsu Financial Limited Partnership (indicated by asterisk 5 (*5) in "Company name") is a limited partnership established based on the state law of Delaware, the U.S., and the Company invests in it through Komatsu America Corp. Its net assets, which are equivalent to its equity, amount to USD 807 million.
- 10) Cummins Komatsu Engine Company (indicated by asterisk 6 (*6) in "Company name") is a general partnership established based on the state law of Indiana, the U.S., and the Company invests in it through Komatsu America Corp.; the total investments amount to USD 2 million.

5. Employees

(1) Consolidated

(As of March 31, 2022)

Operating segment	Number of employees		
Construction, Mining and Utility Equipment	57,741	[4,525]	
Retail Finance	292	[11]	
Industrial Machinery and Others	4,036	[303]	
Corporate	705	[142]	
Total	62,774	[4,981]	

Notes:

- 1) The number of employees represents the number of employees actually at work. Separate from that, the average number of temporary employees during this fiscal year is disclosed in square brackets.
- 2) The number of employees under "Corporate" refers to employees working for administrative departments who cannot be classified into the three operating segments.

(2) The Company

(As of March 31, 2022)

Number of employees	Average age	Average length of service	Average annual salary (gross)
11,927 [1,060]	40.4 years old	15.9 years	¥7,471,391

(As of March 31, 2022)

Operating segment	Number of employees	
Construction, Mining and Utility Equipment	10,943	[894]
Retail Finance	7	[0]
Industrial Machinery and Others	272	[24]
Corporate	705	[142]
Total	11,927	[1,060]

Notes:

- 1) The number of employees represents the number of employees actually at work. Separate from that, the average number of temporary employees during this fiscal year is disclosed in square brackets.
- 2) Average annual salary (gross, before taxes) includes extra wages and bonuses.
- 3) The number of employees under "Corporate" refers to employees working for administrative departments who cannot be classified into the three operating segments.

(3) Relationship with labor union

The Company has a labor contract with the Komatsu Labor Union, which is organized by approximately 11,000 employees and 8 branches in Japan.

The Komatsu Labor Union is a member of "All Komatsu Workers Union" and "Japanese Association of Metal, Machinery and Manufacturing Workers."

Each of 12 consolidated subsidiaries and affiliated companies in Japan has a labor contract with its each labor union joining "All Komatsu Workers Union." They are organized by approximately 6,800 employees of subsidiaries and affiliated companies.

The relationships between the Company, subsidiaries, affiliated companies and these labor unions are stable.

Item 2. Business Overview

1. Management Policy, Business Environment and Tasks Ahead, etc.

Following description contains forward-looking statements which the Company judged as of the filing date of this Annual Securities Report.

In our three-year mid-term management plan, "DANTOTSU Value—FORWARD Together for Sustainable Growth," with the fiscal year ended March 31, 2022 as the goal year, Komatsu (the Company and its consolidated subsidiaries) has been pursuing three growth strategies: 1) value creation by means of innovation, 2) growth strategies based on business reforms, and 3) structural reforms for growth. During this period, we encountered a sharp decrease in demand for construction and mining equipment over the first two years of the plan due to effects of the COVID-19 pandemic, but demand shifted to recovery during the fiscal year ended March 31, 2022 amid a rebound in wake of the previous decline. We have been steadily engaging in our focused activities carried out based on our growth strategies even in the midst of substantial demand volatility, which has culminated in business results for the fiscal year ended March 31, 2022 marked by record high net sales along with improvement in the operating income ratio relative to the previous fiscal year. During the fiscal year ended March 31, 2022, we built a framework for promoting development of electrification technologies enlisting coordination with our customers and technology partners with our sights set on major challenges with respect to global warming countermeasures. Meanwhile, we have been carrying out structural reforms, which in part has involved selling off our conveying businesses related to coal.

Moreover, we seek to help improve productivity, safety, and environmental friendliness of construction sites through digital transformation and have accordingly achieved solid success in building foundations for further growth going forward in part as a result of having established EARTHBRAIN Ltd. by means of a joint venture consisting of Komatsu and three other companies.

Purpose, Values, Brand promise

On the occasion of the year 2021 having marked the Company's 100th anniversary, we have defined our purpose (mission and vision), our values, and have also stipulated our brand promise that we make to our customers and all other stakeholders.

Purpose

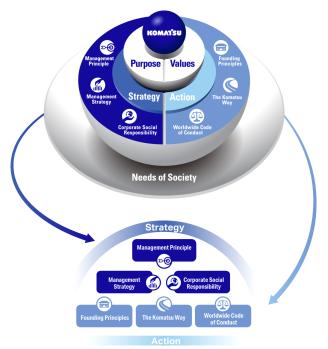
Creating value through manufacturing and technology innovation to empower a sustainable future where people, business, and our planet thrive together.

Values

- Ambition
- Perseverance
- Collaboration
- Authenticity

Brand promise

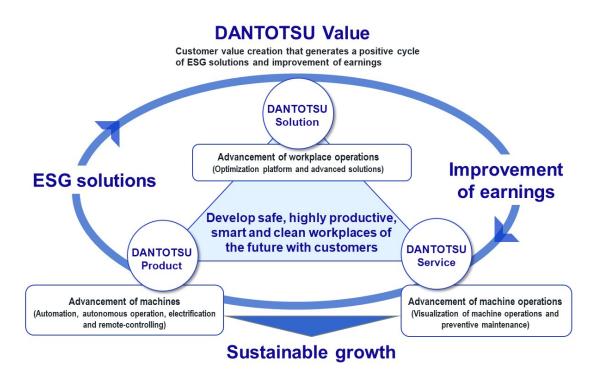
Creating value together



The basic idea to achieve these is to pursue the management of Komatsu, "Quality and Reliability," and maximize the total trust of the society surrounding us and all stakeholders. The strategy for implementing this is the mid-term management plan.

New Mid-Term Management Plan: "DANTOTSU Value—Together, to 'The Next' for sustainable growth" In April 2022, Komatsu embarked on the new "DANTOTSU Value—Together, to 'The Next' for sustainable growth" mid-term management plan encompassing three years (FY2022-FY2024). Although we expect gradual growth in demand for construction and mining machinery over the medium to long term, we project the volatility will increase as affected by a variety of risks in the external environment over the short term. In the industrial machinery and others business, we anticipate that demand for semiconductors will continue to thrive. We also expect to see structural changes in the automobile industry, our client industry, against the background of the growing popularity of electric vehicles.

As sustainability-impact factors, such as climate change and decarbonization, continue to increase, Komatsu developed our sustainability policy concerning the achievement of a sustainable society and improvement of our business continuity in 2021. Furthermore, we have also made our "2050 Carbon-Neutrality Declaration" as a target of our challenge to satisfy both global warming countermeasures and business growth. Against this background, we are striving to achieve our vision of developing safe, highly productive, smart and clean workplaces of the future, together with customers, through the growth strategies of the mid-term management plan. To this end, we are working to create DANTOTSU Value (New Customer Value) which integrates DANTOTSU Products (advancement of machines), DANTOTSU Service (advancement of machine operations), and DANTOTSU Solutions (optimization of workplace operations). With a positive cycle of improvement of earnings and ESG resolutions, we will strive for sustainable growth.



Three Pillars of Growth Strategies and Efforts of Focus

In the new mid-term management plan, we have continued to emphasize the previous plan's sustainability management and have defined three new pillars of growth strategies, consisting of (1) Accelerate growth by means of innovation, (2) Maximize earnings power, and (3) Enhance corporate resilience. By continuing to focus investments to create value in growth areas and maximizing earning opportunities in existing areas, we will work to further improve profitability and build an operational structure that is resilient to demand changes. Additionally, concerning our management foundation that supports these efforts, we will enhance our corporate capabilities to improve operational efficiency and respond to risks in the external environment.

(Basic stance of the new mid-term management plan)



(Three pillars of growth strategies)



Common tasks among the three pillars

- Expand partnerships
- Promote DX in all areas

(Key initiatives of growth strategy)

Accelerate growth by means of innovation	Create new customer value by optimizing workplaces • Promote DX Smart Construction and overseas expansion • Business promotion using mining open technology platforms • Advanced product development and market introduction with high compatibility with platforms Tackling the challenge of crafting values (products and solutions) for carbon neutrality • Development and market introduction of electrified machinery
	Promotion and expansion of Smart Forestry Plants with zero environmental impacts
2. Maximize earnings	Expand presence in key emerging markets • Strengthening of marketing strategies in Asian and African markets • Expansion of forestry machinery and hard rock equipment businesses • Expansion of aftermarket business
power	Further growth from evolution of value chain business • Development of data-driven business model • Promotion of differentiation through life cycle support business • Expansion of reman/rebuild businesses
3. Enhance corporate	Drive efficient business operations and reinforce risk management • Strengthening of production and procurement systems resistant to environmental changes (increase of multisource ratio of parts) • Enhancing assessment of economic security risk and preparedness • Strengthening the corporate brand by developing a global brand strategy
resilience	Enrich human resources base with diversity • Enhancement of diversity & inclusion • Offering of a variety of talent development opportunities and improvement of employee engagement • Human resources development of digital applications and open-innovation

ESG Resolutions through Growth Strategies

Based on our sustainability policy, it is our determination to continue to contribute to society through business activities. In the new mid-term management plan, we have selected important issues (materiality) for us and ten new goals which are strongly related to the materiality, from our 17 SDGs (Sustainable Development Goals). In order to resolve ESG issues steadily through our growth strategies, we will set KPIs (Key Performance Indicators) for key initiative activities and monitor their achievement. We are planning to disclose our progress in the Komatsu Report (integrated report).

	Relationship with SDGs	Materiality	Key activity themes for resolving ESG issues (main KPI candidates)
With	Gender equality To broke the consideration and economic growth To broke the consideration and economic growth and economic g	 [Employees] [Human rights] Diversity and Inclusion Skills development and workplace retention Employee engagement and job satisfaction Occupational safety and health and wellbeing Respect for human rights 	Build workplaces that are safe and secure (occupational injury related indicator) Increase employee engagement (engagement survey score) Promote diversity and inclusion (ratio of female managers and people with disabilities) Develop individuals' skills and achieve business growth (develop talent in DX/AI) Promote human rights due diligence (disclosure of performance)
With	Industry, innovation and infrastructure 12 consumption and production Responsible consumption and production 13 consumption and production	[Customers] [Ethics / Governance] [Communities] • Provision of solutions • Product safety and quality • Governance • Compliance • Contributions to local communities	Improve productivity of construction workplaces by promoting smart construction (Number of workplaces where smart construction solution is applied) Provision of products and solutions that enable sustainable resource development (Cumulative units of AHS dump truck)
With the planet	Affordable and clean energy innovation and infrastructure 12 800000000 Responsible consumption and production 15 60000 Life on land Partnerships for the goals	 business models Resource recycling and remanufacturing Forest conservation through business activities Reduction of energy 	Plants with zero environmental impacts (CO ₂ reduction, use of renewable energy, water usage Reduction of CO ₂ emissions at customer workplaces (CO ₂ reduction from products in use Development of electrified equipment) Provision of solutions that support sustainable, recycling-oriented forestry business (Forestry machinery business related indicators: sales growth rate, afforestation, Smart Forestry, etc.) Promotion of recycling-oriented business (reman) (reman business-related indicator: sales growth rate)

Targets of the mid-term management plan

Concerning management targets in the new mid-term management plan, we are keeping the same targets from the previous plan, that is, "Growth," "Profitability," "Efficiency," and "Financial Position". And also we have set a new ESG target of the challenge to achieve carbon neutral by 2050. With respect to shareholder return, while placing priority on focusing investments in growth areas, we will continue to work for stable dividends for shareholders and maintain the policy of keeping a consolidated payout ratio of 40% or higher.

Item	Index	Target
Growth	Sales growth rate	Growth rate above the industry's average
Profitability	Operating profit ratio	An Industry's top-level profit ratio
Efficiency	ROE*1	10% or higher
Financial position	Net debt-to-equity ratio*2	Industry's top-level financial position
Datail finance	ROA*3	1.5% to 2.0%
Retail finance business	Net debt-to-equity ratio*2	5 times or less

ESG	Reduction of environmental impact	• CO ₂ emissions: Decrease by 50% in 2030 from 2010 Become carbon neutral by 2050 (Challenging goal) • Renewable energy use: Increase to 50% of total energy use in 2030
E3G	Evaluation by external organizations	 Selected for DJSI*4 (World & Asia Pacific) Selected for CDP*5 A-List (Climate Changes and Water Risk)

		• Keep a fair balance between investment for growth and shareholder
Shareholder	Consolidated payout	return (including stock buyback), while placing main priority on
return	ratio	growth investment
		• 40% or more

Notes:

- *1 ROE=Net income attributable to Komatsu Ltd. for the year/[(Komatsu Ltd. shareholders' equity at the beginning of the fiscal year + Komatsu Ltd. shareholders' equity at the end of the fiscal year)/2]
- *2 Net debt-to-equity ratio=(Interest-bearing debt Cash and cash equivalents Time deposits) / Komatsu Ltd. shareholders' equity
- *3 ROA=Segment profit /[(total assets at the beginning of the fiscal year + total assets at the end of the fiscal year)/2]
- *4 Dow Jones Sustainability Indices: ESG investment indices of S&P Dow Jones Indices LLC of the United States
- *5 International non-profit organization which advocates the reduction of greenhouse gas emissions and protection of water resources and forests by companies and governments.

Sustainability

Having long pledged to conduct management focused on ESG, the Company aims to solve ESG issues through its business activities, particularly in terms of providing safer, high-quality, high-efficiency products, services and solutions. Going forward, we will continue to seek solutions to sustainability issues by flexibly addressing global climate change and various changes in the external environment.

Formulation of Sustainability Policy

On the occasion of its 100th anniversary in April 2021, the Company defined Komatsu's corporate identity articulating the Company's Purpose of "creating value through manufacturing and technology innovation to empower a sustainable future where people, businesses and our planet thrive together". In December 2021, we established our sustainability policy based on our Purpose with the aims of clarifying our stance of sincerely addressing climate change and social demands and further promoting sustainability management.

Going forward, we will help bring about achievement of the SDGs while accelerating the positive cycle of solving ESG issues and improving earnings by addressing issues that are important both in giving rise to a sustainable society and achieving business growth, as stated in our sustainability policy.

Sustainability Policy

Since Komatsu's founding, we have always pursued "Quality and Reliability", and have made efforts to build strong relationships of trust with our stakeholders based on our "Management Principle" of maximizing the total sum of trust from all stakeholders, including society.

Our pursuit of coexistence has been handed down through generations, and our basic stance is to contribute to society through business activities.

Our purpose is "Creating value through manufacturing and technology innovation to empower a sustainable future where people, businesses, and our planet thrive together".

We will continue to address issues that are important to both a sustainable society and our business, grow as a corporate group that can flexibly respond to changes in society and the external environment, further enhance our corporate governance, and contribute to society with our stakeholders.

What we do to empower a sustainable future where people, businesses, and our planet thrive together

With people

- We provide an environment where diverse and global employees can work safely and healthily as one team, with respect for each individual, and with satisfaction and pride.
- We nurture employees who can take on challenges in various jobsites and regions, create new value together with customers, and contribute to the realization of a sustainable society.
- As Komatsu Group, we shall respect human rights related to all of our business activities.

With society

- We contribute to society through our business activities by providing our customers with safe and highly productive products, services and solutions that realize sustainable infrastructure development, resource development and a recycling-oriented society.
- We build relationships with our business partners and local communities that enable mutual trust, fairness, co-existence and co-prosperity.
- We comply with the rules of society, including laws and regulations, and strive to respond sincerely to the requests and expectations of all stakeholders, including society.

With the planet

- Through all of our business activities, we strive to reduce our environmental impact and preserve the global environment through the use of advanced technologies.
- We strive to increase both global environmental conservation and business growth through manufacturing and technological innovation.
- We pursue collaboration and value creation with our stakeholders towards a sustainable planet and future.

Komatsu Ltd.
President and Chief Executive Officer

H. Ogoman

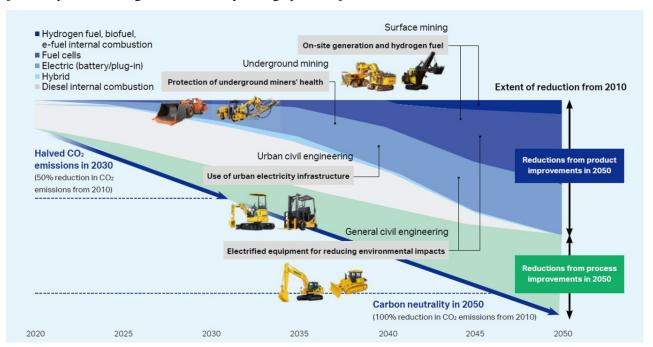
2050 Carbon Neutrality Declaration

Our mid-term management plan defines targets to be achieved by 2030 of reducing CO₂ emissions by 50% relative to levels of 2010 and raising the ratio of renewable energy use to 50%. In September 2021, the Company declared its aim of achieving carbon neutrality with virtually zero CO₂ emissions by 2050, as an extension to the milestone achievement of its 2030 targets. In seeking to achieve carbon neutrality, the Company is extending its efforts for reducing CO₂ emissions to overall workplace operations of its customers, thereby expanding beyond emissions from its own business sites and use of its products. The Company is committed to optimizing construction, for example, by evolving SMARTCONSTRUCTION, expanding the forestry machinery business, which supports a sustainable forest management cycle of planting, cultivating and harvesting, and strengthening the Reman operations in which the Company remanufactures and reuses used components. By further strengthening these business efforts, the Company hopes to not only contribute to CO₂ reductions in society as a whole, but also achieve DANTOTSU Value (a positive cycle of improving earnings and solving ESG issues through the creating of customer value).



The Company has been mitigating environmental impact with respect to CO₂ emissions from its products in use, which account for about 80% to 90% of total emissions in its supply chain, by achieving lower fuel consumption, improving product efficiency, further enhancing its existing hybrid, diesel electric and other technologies, and adopting new technologies such as those involving fuel cells and hydrogen engines. In addition to such improvements in products, we have also been seeking improvements in processes in terms of lowering CO₂ emissions by optimizing customers' workplace operations and processes in order to reduce the amount of equipment needed along with operating times of such equipment. The 2050 Carbon Neutrality Declaration sets out a roadmap for achieving CO₂ reductions through such products.

[Roadmap for achieving carbon neutrality through products]



In reducing CO₂ emissions from production locations, the Company will place priority on energy conservation initiatives for reducing energy consumption through production technology innovation, energy generation initiatives for producing renewable energy in-house, and purchases of renewable energy. In August 2021, the Company's wholly owned subsidiary Komatsu Forest AB (Umeå, Sweden), which manufactures and sells forestry equipment, announced that it completed a new plant and had embarked on production. The new plant has consolidated old plants located separately mainly in Umeå, optimizing the production process and layout. It has also adopted new manufacturing engineering benefits, including an automatic assembly line with AGV* for the first time in Komatsu. Additionally, it has adopted renewable energy facilities, such as solar panels which cover about 19,000 m² of the roof, and heating equipment which uses geothermal energy.

* AGV: Automated Guided Vehicle

In addition, Komatsu seeks to also help reduce CO₂ emissions with respect to society at large by further strengthening its recycling business. As part of its efforts, Komatsu upholds sustainable forestry in the forestry business, which includes not only harvesting but also planting and cultivating trees. It is contributing to improving safety and productivity by mechanizing harvesting work and promoting smart forestry in which it analyzes forest potential based on drone-surveyed data for sustainable forest management. Komatsu Forest has played the central role of Komatsu's forestry machinery business as the core base of machine development and production. By launching production at the new plant, Komatsu Forest is going to accelerate its carbon neutral efforts, as it works to promote its recycling forestry business that supports the reforestation cycle.

Promoting Diversity and Inclusion

The Company views diversity and inclusion as a source of innovation in terms of motivating individuals and prompting changes in corporate culture, whereby the fusion of diverse individuals facilitates growth of the entire Company.

1) Developing global-scope talent

In accordance with the global expansion of the business, employees of nationalities other than Japanese account for approximately 70% of the total. The Company is therefore promoting the localization of management, and in the major overseas subsidiaries, local employees are already involved at the level of top management. Moreover, having drawn up a succession plan under which approximately 650 major positions in Japan and overseas are classified as "global key positions," we have been working on providing systematic training for the next-generation of leaders in conjunction with global human resources development measures. This has involved arranging our Global Management Seminar for management and managerial candidates and implementing our KOMATSU Way Leadership Development Program for middle management professionals who are expected to play central roles with respect to business operations and functions.

In addition, Komatsu established the Komatsu Human Resources Development Center (KHRDC) in the Philippines in November 2008 as a specialized educational institution to train engineers to provide product support globally. In November 2019, the center was incorporated locally as Komatsu Philippines Corporation and has trained more than 190 engineers while expanding its structure. Graduates who have completed the approximately six-year training program in various parts of the world have been officially hired by Komatsu as "Global Engineers" and are currently working around the world.

We have also been placing focus on training DX/AI professionals in Japan with the aim of accelerating our pace of achieving value creation by means of innovation. In 2019, we launched the Development Program for AI Human Resources, through which we have been drawing on our original curriculum in training professionals with AI technical skills, while also dually equipped with business perspective and problem-solving skills necessary for project implementation. In the new mid-term management plan, we will further promote DX human resources education and AI human resources education, and will promote efforts to develop human resources who will be responsible for providing DANTOTSU services to customers, realizing DANTOTSU solutions, and in-house process reforms.

2) Promoting gender diversity

The Company is pushing ahead with various measures for making concerted efforts to employ and train more women and providing a working environment in which female employees can continue developing their careers after maternity leave. Because the Company considers the low number of female employees and managers in comparison to male employees and managers to be an issue in need of further improvement, not only does it support a balance between work and life events such as childbirth, child raising and caregiving, but it also actively appoints women to positions with more responsibility and authority, such as by helping them form their careers and promoting them to managerial roles.

The new mid-term management plan contains the following targets set on a consolidated basis for worldwide operations, such that we are to achieve KPIs by March 31, 2025 that include: (1) ratio of fulltime female employees of at least 17.0% (13.9% as of March 31, 2022), and (2) ratio of female managers of at least 13.0% (10.0% as of March 31, 2022). We will continue to actively promote initiatives that entail seeking greater gender diversity at respective companies of Komatsu through our Diversity & Inclusion Development Seminar training program, launched in 2019 and intended for female leaders around the world.

3) Improving employee engagement

In April 2021, the Company administered global engagement surveys targeting Group companies in Japan and overseas, premised on the notion that employee engagement is essential for achieving sustainable corporate growth. As we regularly carry out the global engagement surveys going forward, we will aim to create an environment conducive to enabling a diverse range of employees from around the world to play active roles, as a result of our efforts to improve employee engagement by identifying organizational strengths and challenges and applying those findings to various measures.

2. Risk Factors

Given that Komatsu operates on a global scale with development, production, sales and other bases established around the world, Komatsu is exposed to a variety of risks. Komatsu has identified the following risks as its primary risks based on information currently available to it. Following description contains forward-looking statements which the Company judged as of the filing date of this Annual Securities Report.

(1) Economic and market conditions

The business environment in which Komatsu operates and the market demand for its products may change substantially as a result of economic and market conditions, political and social circumstances, competitive conditions, or the like, which differ from region to region.

In economically developed countries in which Komatsu operates, Komatsu's business is generally affected by cyclical changes in the economies of such regions. Therefore, factors which are beyond Komatsu's control, such as levels of housing starts, industrial production, public investments in infrastructure development and private-sector capital outlays, may affect demand for Komatsu's products. In newly developing countries in which Komatsu operates, Komatsu constantly pays attention to the changes in demand for its products. However, these economies are subject to impact by a number of variable factors, such as commodity demand levels, commodity price fluctuations, and sudden movements in currency values and changes in any or all of these factors could adversely affect Komatsu's business results. Furthermore, when economic and/or market conditions change more drastically than expected, Komatsu may also experience, among other things, fewer orders of its products, an increase in cancellation of orders by customers and a delay in the collection of receivables.

These changes in the business environment in which Komatsu operates may lead to a decline in sales, and inefficient inventory levels and/or production capacities, thereby causing Komatsu to record lower profitability and incur additional expenses and losses. As a result, Komatsu's results of operations may be adversely affected.

(2) Foreign currency exchange rate fluctuations

A substantial portion of Komatsu's overseas sales is affected by foreign currency exchange rate fluctuations. In general, an appreciation of the Japanese yen against another currency would adversely affect Komatsu's results of operations, while a depreciation of the Japanese yen against another currency would have a favorable impact thereon. In addition, foreign currency exchange rate fluctuations may also affect the comparative prices between products sold by Komatsu and products sold by its foreign competitors in the same market, as well as the cost of materials used in the production of such products. Komatsu strives to alleviate the effect of such foreign currency exchange rate fluctuations by locating its production bases globally and engaging in production locally. Komatsu also engages in hedging activities to minimize the effects of short-term foreign currency exchange rate fluctuations. Despite Komatsu's efforts, if the foreign currency exchange rates fluctuate beyond Komatsu's expectations, Komatsu's results of operations may be adversely affected.

(3) Fluctuations in financial markets

While Komatsu is currently improving the efficiency of its asset management, its aggregate short- and long-term interest-bearing debt was ¥947.3 billion as of March 31, 2022. Although Komatsu has strived to reduce the effect of interest rate fluctuations using various measures, including procuring funds at fixed interest rates, an increase in interest rates may increase Komatsu's interest expenses and thereby adversely affect Komatsu's results of operations. In addition, with respect to Komatsu's pension assets, though Komatsu has been evaluating its operational status and reviewing its portfolio on a regular basis, fluctuations in the financial markets, such as fluctuations in the fair value of marketable securities and interest rates, may also increase the unfunded obligation portion of Komatsu's pension plans or pension liabilities, which may result in an increase in pension expenses. Such an increase in interest expenses and pension expenses may adversely affect Komatsu's results of operations and financial condition.

(4) Laws and regulations of different countries

Komatsu is subject to relevant regulations and approval procedures in the countries in which it operates. If any new laws and regulations or amendments to existing laws and regulations relating to customs duties, currency restrictions and other legal requirements are implemented in the countries where Komatsu operates, Komatsu may incur expenses in order to comply with such laws and regulations or its development, production, sales and service operations may be affected adversely by them. With respect to transfer pricing between Komatsu and its affiliated companies, Komatsu is careful to comply with applicable taxation laws of Japan and the concerned foreign governments. Nevertheless, it is possible that Komatsu may be viewed by the concerned tax authorities as having used inappropriate pricing. Furthermore, if intergovernmental negotiations were to fail, Komatsu may be charged with double or additional taxation. When facing such an unexpected situation, Komatsu may experience an unfavorable impact on its business results.

(5) Environmental laws and regulations, approaches related to climate change, etc.

Komatsu's products and business operations are required to meet increasingly stringent environmental laws and regulations in the numerous countries in which Komatsu operates. In addition, measures for reducing greenhouse gas emissions have been taken around the world. Therefore, Komatsu is investing a significant proportion of its management resources, such as research and development expenditure, to comply with environmental and other related regulations and to respond to climate change issues. If Komatsu is required to incur additional expenses and make additional capital investments due to future revision of environmental regulations or future impacts of climate change, or if its development, production, sales and service operations are adversely affected by such revised regulations, Komatsu may experience an unfavorable impact on its business results.

(6) Product and quality liability

Komatsu endeavors to sustain and improve the quality and reliability of the products that it offers, based on stringent standards established internally. While, in the event of an accident, etc. due to an unexpected defect arising out of product design/manufacturing, Komatsu takes improvement measures, such as recalling a product, Komatsu's business results may be adversely affected by claims for damages, etc. or loss of reputation/trust.

(7) Alliances, collaborations, mergers and acquisitions, etc.

Komatsu has entered into and implemented alliances, collaborations, mergers and acquisitions, etc. with various business partners to reinforce its international competitiveness. Through such arrangements, Komatsu is working to improve and expand its product development, production, sales and service capabilities as well as its solutions business. However, Komatsu's failure to attain expected results or the termination of such alliances or collaborative relationships may adversely affect Komatsu's results of operations.

(8) Procurement, production and other matters

Komatsu's procurement of parts and materials for its products is exposed to fluctuations in commodity and energy prices. Price increases in commodities, such as steel materials, as well as energies, such as crude oil and electricity, may increase the production cost of Komatsu's products. In addition, a shortage of product parts and materials, bankruptcies of suppliers or production discontinuation by suppliers of products used by Komatsu, multilateral export/import controls, disruption of international logistics or other issues may make it difficult for Komatsu to engage in the timely procurement of parts and materials and manufacture of its products, thereby lowering Komatsu's production efficiency or loss of sales opportunities. With respect to an increase in the cost of production as mainly affected by an increase in the cost of materials, Komatsu mainly strives to reduce costs and make price adjustments of its products. Komatsu also strives to minimize the effects of possible procurement or manufacturing issues by such means as using multiple suppliers, maintaining safety stock, and enhancing production management through collaboration among the relevant business divisions. However, if occurrence of disruptions in global supply chains, increase in commodity and energy prices were to exceed Komatsu's expectations or a prolonged shortage of materials and parts were to occur, Komatsu's results of operations may be adversely affected.

(9) Information security, intellectual property and other matters

Komatsu may obtain confidential information concerning its customers and individuals in the normal course of its global business. Komatsu also holds confidential business and technological information. In addition to storing this information, Komatsu uses internal and external systems to carry out its various operations. Komatsu safeguards such confidential information and keeps the stable operation of its systems with the utmost care. To forestall infection with a computer virus or cyber-attacks in order to prevent unauthorized access, tampering, destruction, leakage, and losses, Komatsu employs appropriate safety measures, including implementing technological safety measures and strengthening its information management capabilities. However, when a leak or loss of confidential information concerning customers and individuals occurs, Komatsu may become liable for damages, or its reputation or its customers' confidence in Komatsu may be adversely affected. Also, there are risks that internal or external systems used by Komatsu may be shut down due to unexpected earthquakes, fires, or other disasters, or due to the failure of power supply facilities. In addition, threats are increasing that cyber-attacks and impersonate business partners. If a cyber incident were to occur at Komatsu or one of our key suppliers, there are risks of repercussions that could disrupt production and sales. In addition, if Komatsu's confidential business and technological information were leaked or lost, or misused by a third party, or Komatsu's intellectual properties were infringed upon by a third party, or Komatsu were held liable for infringing on a third party's intellectual property rights, Komatsu's business results may be adversely affected. Furthermore, any more sophisticated cyber-attacks may impose increased costs on Komatsu for enhancing information security measures.

(10) Natural calamities, wars, terrorism, accidents, epidemics and other matters

If natural disasters (such as earthquakes, tsunamis and floods), epidemics, radioactive contamination, wars, terrorist acts, riots, accidents (such as fires and explosions), unforeseeable criticism or interference by third parties were to occur in the regions in which Komatsu operates, Komatsu may incur extensive damage to one or more of its facilities that then could not become fully operational within a short period of time. Even if Komatsu's operations were not directly harmed by such events, confusion in logistic and supply networks, shortages in the supply of electric power, gas and other utilities, telecommunication problems and/or problems of supplier's production may continue for a long period of time. In preparation for actualization of these risks, Komatsu takes measure such as establishment of a business continuity plan or implementation of training sessions, and, if a material risk is actualized, Komatsu will set up an emergency headquarters and take appropriate steps to minimize damage. In addition, even with uncertainty about when the coronavirus (COVID-19) pandemic will end, Komatsu has continued to supply products, parts and service to fulfill its responsibilities to customers engaged in essential businesses that support critical social infrastructure, based on the policies of the governments of host countries where Komatsu operates.

The impact of COVID-19 on Komatsu for the fiscal year ended March 31, 2022 is described in "3. Analyses of Consolidated Financial Position, Operating Results and Cash Flows from the management's perspective." However, if COVID-19 were to re-expansion, there are residual risks, such as supply chain delays caused by restrictive action measures taken by the governments of host countries and other factors, which could affect Komatsu's business results for the fiscal year ending March 31, 2023.

Furthermore, due to the situation in Ukraine, the disruption in the supply chain surrounding Komatsu has become extremely difficult, and the impact on the financial and economic situation remains uncertain. In line with its crisis management policy, Komatsu has set up an emergency task force, in which information is being gathered and analyzed, and future measures are being discussed. If the situation in Ukraine and international tensions continue, the impact on Komatsu's business results for the fiscal year ending March 31, 2023 is uncertain.

3. Analyses of Consolidated Financial Position, Operating Results and Cash Flows from the management's perspective

1. Overview of Results of Operations, etc.

Komatsu's financial position, results of operations and cash flows (hereinafter "Results of Operations, etc.") in the fiscal year ended March 31, 2022 are as follows.

(1) Financial Position and Operating Results

(i) Overview

For the fiscal year ended March 31, 2022, consolidated net sales increased by 28.0% from the fiscal year ended March 31, 2021 to \(\frac{\pmathbf{2}}{2}\),802,323 million. With respect to profits, operating income increased by 89.5% from the fiscal year ended March 31, 2021 to \(\frac{\pmathbf{3}}{3}\),2021 to \(\frac{\pmathbf{3}}{3}\),2021 to 11.3%. Income before income taxes and equity in earnings of affiliated companies increased by 99.4% from the fiscal year ended March 31, 2021 to \(\frac{\pmathbf{3}}{3}\),2021 to \(\frac{\pmathbf{3}}{3}\),2021 to \(\frac{\pmathbf{3}}{3}\),2021 to \(\frac{\pmathbf{3}}{3}\),2021 to \(\frac{\pmathbf{2}}{3}\),2021 to \(\frac{\pmathbf{2}}{3}\)

Consolidated results for the fiscal year ended March 31, 2022

	2022 (Millions of yen)	Changes from previous fiscal year
Net sales	2,802,323	28.0%
Construction, Mining and Utility Equipment	2,564,398	29.8%
Retail Finance	71,862	8.2%
Industrial Machinery and Others	188,368	10.0%
Elimination	(22,305)	_
Segment profit	315,536	83.1%
Construction, Mining and Utility Equipment	275,768	91.8%
Retail Finance	17,199	62.7%
Industrial Machinery and Others	22,595	38.3%
Corporate & elimination	(26)	_
Operating income	317,015	89.5%
Income before income taxes and equity in earnings of affiliated companies	324,568	99.4%
Net income attributable to Komatsu Ltd.	224,927	111.7%

(ii) Changes in foreign exchange rate

The Japanese yen depreciated against the U.S. dollar, the Euro, the Australian dollar and the Rand, etc. for the fiscal year ended March 31, 2022 compared to the fiscal year ended March 31, 2021. It is estimated that segment profit for the construction, mining and utility equipment business for the fiscal year ended March 31, 2022 increased approximately \(\frac{4}{2}\)29.0 billion compared to the fiscal year ended March 31, 2021 due primarily to the Japanese yen depreciation. Its estimation of influence amount is calculated as of a multiplication its trading amount of foreign currencies of the Company and its consolidated subsidiaries and the change in foreign exchange rate, not reflected sales price adjustment.

(iii) Net sales

Consolidated net sales for the fiscal year ended March 31, 2022 increased by 28.0% to \(\frac{\text{\t

(iv) Cost of sales and selling, general and administrative expenses

Cost of sales increased by 25.8% from the fiscal year ended March 31, 2021 to \(\frac{\text{\texi}\text{\text{\text{\texi}\text{\text{\text{\text{\text{\text{\text{\tex

Selling, general and administrative expenses increased by 13.5% from the fiscal year ended March 31, 2021 to ¥464,040 million.

R&D expenses that were included in cost of sales and selling, general and administrative expenses increased by 4.9% from the fiscal year ended March 31, 2021 to ¥77.4 billion.

(v) Impairment losses on long-lived assets

Impairment losses on long-lived assets for the fiscal year ended March 31, 2022 decreased by ¥1,031 million to ¥1,372 million as compared to ¥2,403 million for the fiscal year ended March 31, 2021. For the fiscal year ended March 31, 2022, this was due primarily to impairment losses from other intangible assets not subject to amortization and property, plant and equipment.

(vi) Other operating income (expenses), net

Net other operating income of \(\frac{\pma}{2}\),851 million was recognized for the fiscal year ended March 31, 2022 as compared to net other operating expenses of \(\frac{\pma}{2}\),608 million for the fiscal year ended March 31, 2021.

(vii) Operating income

(viii) Other income (expenses), net

Interest and dividend income increased by ¥39 million to ¥5,332 million for the fiscal year ended March 31, 2022 as compared to ¥5,293 million for the fiscal year ended March 31, 2021. Interest expense decreased by ¥1,544 million to ¥12,222 million for the fiscal year ended March 31, 2022 as compared to ¥13,766 million for the fiscal year ended March 31, 2021.

(ix) Income before income taxes and equity in earnings of affiliated companies

As a result of the above factors, income before income taxes and equity in earnings of affiliated companies for the fiscal year ended March 31, 2022 increased by 99.4% to \(\xi\$324,568 million as compared to \xi\$162,775 million for the fiscal year ended March 31, 2021.

(x) Income taxes

Income tax expense for the fiscal year ended March 31, 2022 increased by \(\frac{4}45,659\) million to \(\frac{4}92,578\) million from \(\frac{4}46,919\) million for the fiscal year ended March 31, 2021. The actual effective tax rate for the fiscal year ended March 31, 2022 decreased by 0.3 percentage points to 28.5% from 28.8% for the fiscal year ended March 31, 2021. The difference between the Japanese statutory tax rate of 31.3% and the actual effective tax rate of 28.5% was caused by income of foreign subsidiaries being taxed at a rate lower than the Japanese statutory tax rate.

(xi) Equity in earnings of affiliated companies

Equity in earnings of affiliated companies for the fiscal year ended March 31, 2022 increased by \(\xi\)2,498 million to \(\xi\)5,258 million as compared to \(\xi\)2,760 million for the fiscal year ended March 31, 2021.

(xii) Net income

As a result of the above factors, net income for the fiscal year ended March 31, 2022 increased by ¥118,632 million to ¥237,248 million as compared to ¥118,616 million for the fiscal year ended March 31, 2021.

(xiii) Net income attributable to noncontrolling interests

Net income attributable to noncontrolling interests for the fiscal year ended March 31, 2022 decreased by ¥58 million to ¥12,321 million as compared to ¥12,379 million for the fiscal year ended March 31, 2021.

(xiv) Net income attributable to Komatsu Ltd.

As a result of the above, net income attributable to Komatsu Ltd. for the fiscal year ended March 31, 2022 increased by 111.7% to \(\frac{4}{2}24,927\) million as compared to \(\frac{4}{1}106,237\) million for the fiscal year ended March 31, 2021.

Accordingly, basic net income attributable to Komatsu Ltd. per share increased to \(\frac{4}{2}37.97\) for the fiscal year ended March 31, 2022 from \(\frac{4}{1}12.43\) for the fiscal year ended March 31, 2021. Diluted net income attributable to Komatsu Ltd. per share increased to \(\frac{4}{2}37.92\) for the fiscal year ended March 31, 2022 from \(\frac{4}{1}12.39\) for the fiscal year ended March 31, 2021.

(xv) Segment profit

(Segment profit is calculated by subtracting cost of sales and selling, general and administrative expenses from net sales.)

Segment profit for the construction, mining and utility equipment business for the fiscal year ended March 31, 2022 increased by ¥131,980 million to ¥275,768 million, mainly due to expanded sales volume and improved selling prices in many regions, as well as the Japanese yen's depreciation, which more than offset the adverse effects of increased prices of materials and logistics costs, as compared to ¥143,788 million for the fiscal year ended March 31, 2021.

Segment profit for the retail finance business for the fiscal year ended March 31, 2022 increased by \$6,625 million to \$17,199 million, as compared to \$10,574 million for the fiscal year ended March 31, 2021, reflecting improved valuation of equipment after lease use. In addition, there were no more adverse effects of extension of payments under the coronavirus (COVID-19) pandemic, which impacted profits for the previous fiscal year.

Segment profit for the industrial machinery and others business for the fiscal year ended March 31, 2022 increased by ¥6,253 million to ¥22,595 million, as sales of the Excimer laser-related business advanced, supported by an increase in global demand for semiconductors, as compared to ¥16,342 million for the fiscal year ended March 31, 2021.

Consolidated segment profit, which was added corporate expenses and elimination, increased by ¥143,197 million to ¥315,536 million as compared to ¥172,339 million for the fiscal year ended March 31, 2021.

Consolidated segment profit is not in accordance with U.S. GAAP, but is disclosed as beneficial information for users of the financial statements.

(2) Cash flows

Net cash provided by operating activities totaled \(\frac{4}300,970\) million, a decrease of \(\frac{4}53,159\) million from the previous fiscal year, due to net income for the period, while trade notes and accounts receivable and inventories increased. Net cash used in investing activities amounted to \(\frac{4}{1}143,569\) million, a decrease of \(\frac{4}{1}9,488\) million from the previous fiscal year, mainly due to the purchase of fixed assets.

Net cash used in financing activities amounted to ¥93,868 million (as compared to ¥199,667 million used for the previous fiscal year), mainly due to the repayment of debt and payment of cash dividends.

After adding the effects of foreign exchange fluctuations to the total amount of each cash flow, as of March 31, 2022, cash and cash equivalents totaled \(\frac{\pmathbf{4}}{3}\)15,360 million, an increase of \(\frac{\pmathbf{7}}{7}\)3,557 million from the fiscal year ended March 31, 2021.

(3) Production, Orders Received and Sales

Komatsu produces and sells a wide range of products, and there are various types of specifications in terms of the capacity, structure design, model and others, even for the same kinds of products. In addition, Komatsu does not adopt a make-to-order production system for many products. Thus, Komatsu does not present this production and orders received in amount or volume terms for each operating segment.

Therefore, production, orders received and sales are disclosed in relation to the business results of each operating segment in "2. Views and issues analyzed/discussed with regard to the status of Results of Operations, etc. from the management's perspective".

2. Views and issues analyzed/discussed with regard to the status of Results of Operations, etc. from the management's perspective

Views and issues analyzed/discussed with regard to the status of Results of Operations, etc. of Komatsu from the management's perspective are as follows.

Following description contains forward-looking statements which the Company judged as of the filing date of this Annual Securities Report.

(1) Critical Accounting Policies

The Company prepares its consolidated financial statements in conformity with U.S. GAAP. The Company's management regularly makes certain estimates and judgments that the Company believes are reasonable based upon available information. These estimates and judgments affect the reported amounts of assets and liabilities as of the date of the financial statements, the reported amounts of income and expenses during the periods presented, and the disclosed information regarding contingent liabilities and debts. These estimates and judgments are based on Komatsu's historical experience, terms of existing contracts, Komatsu's observance of trends in the industry, information provided by its customers and information available from other outside sources, as appropriate. By their nature, these estimates and judgments are subject to an inherent degree of uncertainty, and may differ from actual results. For a summary of the Company's significant accounting policies, including the critical accounting policies discussed below, see Note 1 to the Consolidated Financial Statements.

Regarding the impact of the disruption and so forth in the supply chain, financial sector, and world economy caused by the COVID-19 pandemic and the Ukraine situation on Komatsu's financial position and results of operations, there is uncertainty regarding when such conditions will improve, among other factors. Nevertheless, Komatsu has assumed that a certain level of impact from COVID-19 and the Ukraine situation will continue in the future, based on the information which is available at present and our predictions. Komatsu is making its best estimates based on the assumption to assess the calculation of the estimated credit losses, the likelihood of recovery of deferred tax assets and the impairment losses on long-lived assets and goodwill given these items are relatively material among the accounting estimates. However, if actual future trends deviate from the assumption, Komatsu's financial position and results of operations may be adversely affected.

The Company's management believes that the following accounting policies are critical in fully understanding and evaluating the Company's reported financial results.

(i) Allowance for Doubtful Receivables

Komatsu estimates the collectability of its trade receivables taking into consideration numerous factors, including the current financial position of each customer.

Komatsu establishes an allowance for expected losses based on individual credit information, historical experience and assessment of overdue receivables. Komatsu continually analyzes data obtained from internal and external sources in order to become familiar with customers' credit situations. Regarding financing receivables in the retail finance business, in particular, collection occurs over a long period and there is a degree of uncertainty that accompanies the calculation of the estimated credit losses and the calculation of an expected amount recoverable from the collateral. Therefore, Komatsu performs estimates to the best of its abilities based on information at hand, using surveys of the credit status and status of receivables not yet due for collection for each customer and surveys of market prices of assets held for collateral. Since Komatsu's historical loss experiences have fallen within their original estimates and established provisions, the Company's management believes its allowance for doubtful receivables to be adequate. However, if the composition of Komatsu's trade receivables were to change or the financial position of each customer were to change due to an unexpected significant shift in the economic environment, it is possible that the accuracy of its estimates could be affected and thus its financial position and results of operations could be materially affected.

For additional information, see Note 3 to the Consolidated Financial Statements.

(ii) Deferred Income Tax Assets and Uncertain Tax Positions

The Company estimates income taxes and income taxes payable in accordance with applicable tax laws in each of the jurisdictions in which it operates. Net operating loss carry forwards and temporary differences resulting from differing treatment of items for taxation and financial accounting and reporting purposes are recognized on the Company's consolidated balance sheet by adjusting the effect for deferred income tax assets and liabilities. Komatsu is required to assess the likelihood that each of its group company's deferred tax assets will be recovered from future taxable income estimated for each group company and the available tax planning strategies. The Company's management estimates its future taxable income and considers the likelihood of recovery of deferred tax assets based on the management plan authorized by the Board of Directors, periodic operational reports of each group company, future market conditions and tax planning strategies, and, to the extent the Company's management believes that any such recovery is not likely, each group company establishes a valuation allowance to reduce the amount of deferred tax assets reflected in the consolidated balance sheet. Changes to the amount and timing of future taxable income determined by the Company's management could result in an increase or decrease to the valuation allowance.

Benefits derived from uncertain tax positions are recognized when a particular tax position meets the more-likely-than-not recognition threshold based on the technical merits of such position. A benefit is measured as the largest amount of benefit that is greater than 50 percent likely of being realized upon a final settlement with the appropriate taxing authority.

While the Company's management believes that all deferred tax assets after adjustments for valuation allowance will be realized and all material uncertain tax positions that are recognized will be successfully sustained, the Company may be required to adjust its deferred tax assets or valuation allowance or reserve for unrecognized tax benefits if its estimates differ from actual results due to poor operating results, lower future taxable income as compared to estimated taxable income or different interpretations of tax laws by the relevant tax authorities. These adjustments to the valuation allowance or recognized tax benefits could materially affect Komatsu's financial position and results of operations.

For additional information, see Note 15 to the Consolidated Financial Statements.

(iii) Valuation of Long-Lived Assets and Goodwill

Komatsu's long-lived assets are reviewed for potential impairment whenever events or changes in circumstance indicate that the carrying amount of an asset may not be recoverable, such as a decrease in future cash flows caused by a change in business environment.

The recoverability of assets to be held and used is measured by comparing the carrying amount of a particular asset to the estimated future undiscounted cash flow expected to be generated by such asset. Such future undiscounted cash flow is estimated in accordance with Komatsu's management plan. The management plan is established by taking into consideration, to the extent possible, management's best estimates on the fluctuation of sales prices, changes in manufacturing costs and sales, general and administrative expenses based on expected sales volumes derived from market forecasts available through outside research institutions and through customers. If the carrying amount of an asset exceeds its future undiscounted cash flow and such asset is considered unrecoverable and identified as an impaired asset, Komatsu recognizes an impairment loss based on the amount by which the carrying amount of the asset exceeds its fair value. Fair value is customarily measured based on the asset's future discounted cash flow, and the rate used to discount such cash flow is the weighted average capital cost reflecting the fluctuation risk of future cash flow in the capital markets. As an alternative to such customary method, fair value may also be measured based on an independent appraisal. Long-lived assets to be disposed of are reported at the lower of the carrying amount or fair value less costs of sales.

Komatsu reviews its goodwill for impairment at least once annually and between annual tests if an event occurs or circumstances change that would more likely than not reduce the fair value below its carrying amount.

The fair value of the reporting unit is generally determined using future discounted cash flow model. Projected future cash flow is estimated in accordance with Komatsu's management plan. The management plan is established by taking into consideration, to the extent possible, management's best estimates on the fluctuation of sales prices, changes in manufacturing costs and sales, general and administrative expenses based on expected sales volumes derived from market forecasts available through outside research institutions and through customers. When the carrying amount of the reporting unit exceeds the fair value, the difference is recognized as impairment loss on goodwill to the extent of the carrying amount of the goodwill allocated to that reporting unit.

While Komatsu believes that there are no additional major impairments of its long-lived assets and goodwill at present, in the event that Komatsu's strategy or market conditions in which it operates changes, estimates of future cash flows to be generated by an asset and evaluations of fair value would be affected, and the assessment of the ability to recover the carrying amount of long-lived assets and goodwill may change. Accordingly, such changes in assessment could materially affect Komatsu's financial position and results of operations.

(iv) Fair Values of Financial Instruments

The fair values of derivative financial instruments, consisting principally of foreign currency contracts and interest swap agreements, are estimated by obtaining quotes from brokers based on observable market inputs. While fair value estimates are made at a specific point in time based on relevant market information and information about the financial instruments, these estimates are subjective in nature. The estimated fair values may change due to uncertainties in the financial markets, and may therefore differ from actual results.

Komatsu's investments in marketable equity securities are stated at fair value. Changes in fair values are included in net income in the accompanying consolidated statements of income.

Komatsu measures equity securities without readily determinable fair values at the carrying amount after the writedown due to impairment, except for investments which are measured at net asset value per share. If Komatsu identifies observable price changes in orderly transactions for identical or similar investments issued by the same issuer, Komatsu measures the equity security at fair value as of the date that the observable transaction occurred. In case of decrease market price, in periodically assessing other-than-temporary impairment of investments in affiliated companies, Komatsu considers the period and amount of its decline, and the financial positions and prospects of each subject companies.

While Komatsu believes that there are no additional major impairments of its investment securities or investments in affiliated companies at present, if the performance and business conditions of any subject company deteriorate due to a change in business circumstances, Komatsu may recognize an impairment of its investments.

For additional information, see Notes 19, 20 and 21 to the Consolidated Financial Statements.

(v) Pension Liabilities and Expenses

The amount of Komatsu's pension obligations and net periodic pension costs are dependent on certain assumptions used to calculate such amounts. These assumptions are described in Note 11 to the Consolidated Financial Statements and include the discount rate, expected rate of return on plan assets and rates of increase in compensation. Actual results that differ from these assumptions are accumulated and amortized over future service years of employees and therefore generally affect Komatsu's recognized expenses and recorded obligations during such future periods.

The discount rate is determined based on the rates of return of high-quality fixed income investments currently available and expected to be available until the maturity of the pension benefits. The expected long-term rate of return on plan assets is determined by taking into consideration the current expectations for future returns and actual historical returns of each plan asset category.

While Komatsu believes that its assumptions are appropriate, in the event that actual results differ significantly from these assumptions or significant changes are made to these assumptions, Komatsu's pension obligations and future expenses may be affected.

The following table illustrates the sensitivity of pension obligations as of March 31, 2022 and net periodic pension costs for the fiscal year ended March 31, 2023 to changes in discount rates and expected long-term rate of return on pension plan assets, while holding all other assumptions constant, for Komatsu's pension plans as of March 31, 2022.

	Change in assumption	Pension obligations (Billions of yen)	Net periodic pension costs (Billions of yen)		
Discount rate	0.5% increase/decrease	-32.7 / +35.7	+0.03 / +0.8		
Expected long-term rate of return	0.5% increase/decrease	_	-1.5 / +1.5		

(vi) Recently Issued Accounting Standards Not Yet Adopted

In June 2016, the FASB issued ASU 2016-13 "Financial Instruments — Credit Losses: Measurement of Credit Losses on Financial Instruments". This update requires an entity to recognize credit losses for many financial assets based on current expected credit loss model instead of existing incurred loss model. The new current expected credit loss model requires an entity to immediately recognize estimated credit losses expected to occur over the remaining life of the financial assets which are within the scope of this update. For all entities other than U.S. Securities and Exchange Commission (SEC) filers, this update was planned to be effective for annual reporting periods beginning after December 15, 2020, including interim periods within that reporting period originally. In November 2019, the FASB changed the effective date of this update and this update will be effective for annual reporting periods beginning after December 15, 2022, including interim periods within that reporting period. Early adoption is permitted. This update should be adopted under the modified-retrospective approach through a cumulative-effect adjustment to retained earnings at the beginning of the initial application period. Komatsu will adopt this update from the fiscal year beginning on April 1, 2023 and is currently considering the impact of this update on Komatsu's financial position and results of operations.

- (2) Views and issues analyzed/discussed with regard to the status of Results of Operations, etc. in the fiscal year ended March 31, 2022
- (i) Views and issues analyzed/discussed with regard to the status of Komatsu's financial position and operating results

For the fiscal year ended March 31, 2022, consolidated net sales increased by 28.0% from the fiscal year ended March 31, 2021 to \(\frac{1}{2}\)2,802,323 million.

In the construction, mining and utility equipment business, demand for both construction and mining equipment was strong around the world, except for China, as the adverse effects of the coronavirus (COVID-19) pandemic shrank from the fiscal year ended March 31, 2021. Komatsu steadily captured increasing demand for new equipment by capitalizing particularly on cross-sourcing, while experiencing the adverse effects of the tight market of marine transportation and semiconductor shortage. Reflecting increased parts sales and service revenues as well, sales increased from the fiscal year ended March 31, 2021. In the industrial machinery and others business, with respect to the businesses of presses, sheet-metal machines, and machine tools, Komatsu improved sales from the fiscal year ended March 31, 2021, by completing installation of machinery at overseas customers' plants, as the governments of related countries eased their regulations on economic activities. Moreover, sales of the Excimer laser-related business increased, supported by an increase in global demand for semiconductors. As a result, sales increased from the fiscal year ended March 31, 2021.

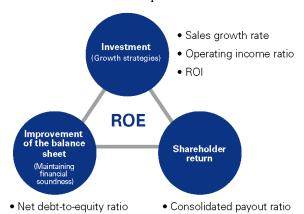
With respect to profits, operating income increased by 89.5% from the fiscal year ended March 31, 2021, to \\ \frac{2}{317,015} \text{ million.} This was mainly due to increased sales volume and improved selling prices in many regions in the construction, mining and utility equipment business, as well as the Japanese yen's depreciation, which more than offset the adverse effects of increased prices of materials and logistics costs.

As of March 31, 2022, total assets increased by ¥562,681 million to ¥4,347,522 million, as mainly affected by the Japanese yen's depreciation against the U.S. dollar from March 31, 2021 and an increase in inventories. Interest-bearing debt increased by ¥37,397 million from March 31, 2021, to ¥947,380 million. Komatsu Ltd. shareholders' equity increased by ¥320,214 million from March 31, 2021, to ¥2,232,511 million. As a result, Komatsu Ltd. shareholders' equity ratio increased by 0.9 percentage points from March 31, 2021, to 51.4%.

(ii) Liquidity and Capital Resources

< Use of funds >

To strive for the sustainable increase of its corporate value, Komatsu are building a sound financial position and strengthen our competitiveness, which are resilient to changes in the external environment and market demand fluctuations. Komatsu also strives to engage in a well-balanced allocation of our funds to 1) investment for growth, 2) improvement of the balance sheet (maintaining financial soundness), and 3) shareholder return and monitors ROE (Return on Equity) which is a general index. We have set up ROE of 10% or higher as the management target, which is exceeded the cost of equity estimated. To expand equity spread (ROE – cost of shareholders' equity), Komatsu works to both improve ROE and reduce cost of shareholders' equity.



< Source of funds and liquidity management >

Komatsu's principal capital resources policy is to secure sufficient capital resources to be able to respond to future capital needs in connection with its operations and to maintain an appropriate level of liquidity. Consistent with this policy, Komatsu has secured various sources of funding, such as loans, corporate bonds, notes and lines of credit. Komatsu expects to use cash generated from its operations and funds procured through such external sources to

satisfy future capital expenditures and working capital needs. In addition, in order to improve the efficiency and effectiveness of its cash management, Komatsu's overseas subsidiaries participate in a global cash pooling system based on the agreement with financial institutions, which is used to fund their liquidity needs. Participating overseas subsidiaries are allowed to withdraw cash from these financial institutions up to the aggregate cash deposit balance made to such financial institutions. This agreement contains specific provisions for the right to offset positive and negative cash balances on a global basis. Komatsu's consolidated balance sheet as of March 31, 2022 reflects cash net of withdrawals of \(\frac{\pmathbf{x}}{223},400\) million in this global cash pooling system.

Komatsu's short-term funding needs have been met mainly by cash flows from its operating activities, and if necessary, by bank loans and the issuance of commercial paper as well. As of March 31, 2022, the Company and certain consolidated subsidiaries maintained committed credit line agreements totaling \(\frac{\pmathbf{2}}{277,259}\) million with financial institutions to secure liquidity. As of March 31, 2022, \(\frac{\pmathbf{2}}{261,619}\) million was available to be used under such credit line agreements. In addition, the Company and Komatsu Finance America Inc. each has a commercial paper program. As of March 31, 2022, the program size of the Company is \(\frac{\pmathbf{2}}{200,000}\) million, \(\frac{\pmathbf{1}}{19,000}\) million of which was unused, and the program size of Komatsu Finance America Inc. is USD 1,100 million, USD 739 million of which was unused.

To fulfill Komatsu's medium- to long-term funding needs, the Company has established a bond program as well as a Euro Medium Term Note (hereinafter "EMTN") program. In November 2020, the Company's bond program was renewed so that it could issue up to \$\pm\$100,000 million of variable-term bonds within a two-year period. As of March 31, 2022, \$\pm\$100,000 million remains unused under this program. On the other hand, Komatsu also has \$\pm\$167,820 million aggregate principal amount of bonds outstanding under past program as of March 31, 2022. This amount includes bonds which were issued under the bond program prior to its 2020 renewal. In addition, the Company, Komatsu Finance America Inc. and Komatsu Europe Coordination Center N.V. have established a USD 2,000 million EMTN program. Any of these three issuer entities can issue notes in various currencies under the EMTN program which was agreed with EMTN dealers. The aggregate principal amount of notes outstanding as of March 31, 2022 under the EMTN program was \$\pm\$150,380 million.

Komatsu's short-term debt as of March 31, 2022 decreased by \(\frac{4}{2}\)9,716 million to \(\frac{4}{2}\)41,746 million from March 31, 2021. This short-term debt primarily consisted of commercial paper and such short-term debt was used primarily for working capital.

Komatsu's long-term debt, including debt with maturity dates on or before March 31, 2023, increased by ¥67,113 million to ¥705,634 million in the fiscal year ended March 31, 2022 as compared to the fiscal year ended March 31, 2021. As of March 31, 2022, Komatsu's long-term debt excluding market value adjustment, consisted of (1) ¥387,434 million in loans from banks, insurance companies and other financial institutions, (2) ¥167,820 million in unsecured bonds and (3) ¥150,380 million in EMTNs. Such long-term debt was used primarily for capital expenditures and long-term working capital needs.

As a result, Komatsu's interest-bearing debt as of March 31, 2022 increased by \(\frac{\pmathbf{4}}{37,397}\) million to \(\frac{\pmathbf{4}}{947,380}\) million as compared to March 31, 2021. Net interest-bearing debt after deducting cash and deposits decreased by \(\frac{\pmathbf{4}}{36,146}\) million to \(\frac{\pmathbf{4}}{630,710}\) million in the fiscal year ended March 31, 2022. As a result, Komatsu's net debt-to-equity ratio, as of March 31, 2022 was 0.28 to 1, compared to 0.35 to 1 as of March 31, 2021.

At March 31, 2022, Komatsu's total current assets increased by \(\pm\)431,989 million to \(\pm\)2,421,281 million. Komatsu's total current liabilities increased by \(\pm\)331,152 million to \(\pm\)1,324,021 million. As a result, the current ratio, which is calculated by dividing current assets by current liabilities, as of March 31, 2022, was 182.9%, decreased by 17.5 percentage points from the fiscal year ended March 31, 2021. Based on anticipated cash flows from its operating activities, the available sources of funds and the level of its current ratio, Komatsu believes that it has sufficient means to satisfy its liquidity needs and future obligations. As of March 31, 2022, Komatsu's total cash and cash equivalents was \(\pm\)315,360 million. Out of total cash and cash equivalents, \(\pm\)261,146 million was held outside of Japan in various overseas subsidiaries as of March 31, 2022.

Komatsu obtains credit ratings from three rating agencies: Standard and Poor's Ratings Services ("S&P"), Moody's Investors Service, Inc. ("Moody's") and Rating and Investment Information, Inc. ("R&I"). As of March 31, 2022, Komatsu's issuer ratings were as follows:

S&P: A (long-term), A-1 (short-term)

Moody's: A2 (long-term), Prime-1 (short-term)

R&I: AA- (long-term), a-1+ (short-term)

< Capital investment >

In the fiscal year ended March 31, 2022, with respect to the construction, mining and utility equipment operating segment, Komatsu made capital investments to enhance production efficiency and flexibility and to enhance its rental-to-used equipment business. Joy Global Surface Mining Inc, a subsidiary of Komatsu Mining Corp. made capital investments in the new Milwaukee campus. With respect to the retail finance operating segment, Komatsu made capital investments for operating lease equipment. With respect to the industrial machinery and others operating segment, Komatsu made capital investments to renew obsolete equipment. As a result, Komatsu's capital investments on a consolidated basis for the fiscal year ended March 31, 2022 was ¥147,762 million, a decrease of ¥15,412 million from the fiscal year ended March 31, 2021.

< Tabular disclosure of contractual obligations >

The following table sets forth Komatsu's contractual obligations as of March 31, 2022.

					Mi	llions of yen				
				Cash p	ayr	nents due by	ре	riod		
		Total		Less than 1 year		1-3 years		3-5 years		reater than 5 years
Short-term debt obligations	¥	241,746	¥	241,746	¥	_	¥	_	¥	_
Long-term debt obligations		705,634	İ	276,623		280,815		142,835		5,361
Operating lease obligations		68,250		17,753		18,511		8,577		23,409
Interest on interest bearing debt		22,459		10,207		8,951		3,230		71
Liability for pension and other retirement benefits		4,560		4,560		_		_		_
Total	¥	1,042,649	¥	550,889	¥	308,277	¥	154,642	¥	28,841

Notes:

- 1) With respect to long-term debt obligations, there is no market value adjustment.
- 2) Interest on interest-bearing debt is based on rates in effect as of March 31, 2022.
- 3) Liability for pension and other retirement benefits reflects contributions expected to be made during the fiscal year ending March 31, 2023 only, as the amounts of contributions beyond the next fiscal year are not yet determinable.

Commitments for capital investment outstanding at March 31, 2022 aggregated approximately \(\frac{\pma}{2}\)3,800 million.

(iii) Views and issues analyzed/discussed with regard to the status of financial position and operating results by operating segment

<Construction, Mining and Utility Equipment operating segment>

Net sales of the construction, mining and utility equipment business increased by 29.8% from the fiscal year ended March 31, 2021 to \(\frac{1}{2}\),564,398 million.

With respect to the mid-term management plan, specifically, concerning the growth strategy of value creation by means of innovation, Komatsu has worked to strengthen the Autonomous Haulage System (AHS), increasing the total number of AHS mining trucks in operation to 510 units as of March 31, 2022. Komatsu has also advanced a trial of the D375Ai-8, a large ICT mining bulldozer with remote control functionality, in a customer's site in Brazil. In the area of electrification of its equipment, Komatsu launched the PC01E-1 electric micro excavator which is powered by a swappable mobile battery, as a rental model in Japan. With respect to "Smart Construction", a solutions business for construction workplaces, Komatsu has made steady progress, introducing this business model to over 19,000 construction sites to date (cumulative) in Japan. Concerning the growth strategies based on business reforms, Komatsu has advanced efforts for its 2-model line strategy for the PC200-10M0 CE series hydraulic excavators which feature optimal specs for exclusive use in urban civil engineering work, expanding its market share in Southeast Asia. In December last year, Komatsu embarked on local production of this model at its local plant in India and stepped up market introduction there. In Japan and Strategic Markets, Komatsu launched sales of the D475A-8R large bulldozer by incorporating cuttingedge technologies for full-scale model renewal in 15 years. In terms of structural reforms for growth, Komatsu has decided on an absorption-type merger of Komatsu Cabtec Co., Ltd. in order to strengthen and facilitate its technology development for thin-plate parts as well as its globalscale procurement for production. In Australia, Komatsu has opened the new parts center at Komatsu Australia Pty. Ltd. to optimize logistic operations by introducing a cutting-edge management system and to mitigate environmental impact by installing solar panels and cutting down the volume of packaged parts.

Net sales to outside customers of construction, mining and utility equipment by region for the fiscal years ended March 31, 2022 and 2021 are as follows:

	Millions of yen						
		2022		2021		Changes Increase (Decr	rease)
Japan	¥	303,628	¥	294,890	¥	8,738	3.0%
The Americas							
North America		590,695		444,366		146,329	32.9%
Latin America		395,885		288,097		107,788	37.4%
Total		986,580		732,463		254,117	34.7%
Europe & CIS							
Europe		239,294		183,537		55,757	30.4%
CIS		184,483		112,379		72,104	64.2%
Total		423,777		295,916		127,861	43.2%
China		96,416		146,225		(49,809)	(34.1%)
Asia (excluding Japan and China) and Oceania							
Asia (excluding Japan and China)		295,431		138,790		156,641	112.9%
Oceania		263,436		230,122		33,314	14.5%
Total		558,867		368,912		189,955	51.5%
Middle East & Africa							
Middle East		53,874		32,338		21,536	66.6%
Africa		135,708		90,463		45,245	50.0%
Total		189,582		122,801		66,781	54.4%
Consolidated	¥	2,558,850	¥	1,961,207	¥	597,643	30.5%

Komatsu's operations by region are described below.

Japan

Demand remained steady in not only public works, but also private-sector construction. As a result, sales increased from the fiscal year ended March 31, 2021.

The Americas

In North America, demand for construction equipment remained strong in the housing sector, infrastructure development, and the rental industry. It also upturned for recovery in the energy-related sector. In addition, sales of mining equipment increased, resulting in a gain of sales from the fiscal year ended March 31, 2021. In Latin America, demand for both construction and mining equipment was strong. Sales of mining equipment advanced mainly to copper mines in Chile, and demand for construction equipment advanced steadily, as economic activities resumed in most countries. As a result, sales increased from the fiscal year ended March 31, 2021.

Europe and CIS

In Europe, sales continued to increase from the fiscal year ended March 31, 2021, supported by steady demand in infrastructure development, not only in the major markets of Germany, the United Kingdom, and France, but also in Italy, supported mainly by the economic stimulus measures of the governments. In CIS, demand for construction equipment was strong in infrastructure development and the energy-related sectors, and sales of mining equipment and parts were also strong, mainly in gold mines. As a result, sales increased from the fiscal year ended March 31, 2021.

China

Demand remained sluggish in the fiscal year ended March 31, 2022, due to no positive effects of the post-Chinese New Year sales season, which they had in the fiscal year ended March 31, 2021, as the sales season was pushed back due to the coronavirus (COVID-19) pandemic. Demand also declined due to slack infrastructure development and real estate investment. As a result, sales decreased from the fiscal year ended March 31, 2021, as partly affected by an increased share of sales made by Chinese manufacturers.

Asia and Oceania

In Asia, demand for mining equipment in coal mines was brisk in Indonesia, and that for construction equipment was also strong, mainly in Indonesia, the Philippines and Thailand. As a result, sales increased from the the fiscal year ended March 31, 2021. In Oceania, sales increased, supported by a steady demand for mining equipment in iron ore and coal mines, as well as construction equipment.

Middle East and Africa

In the Middle East, sales increased from the fiscal year ended March 31, 2021. This was driven not only by strong demand, which remained for construction equipment in Saudi Arabia, the United Arab Emirates and other oilproducing countries, but also by steady demand in Turkey. In Africa, sales increased from the fiscal year ended March 31, 2021, as demand for mining and construction equipment remained strong in Southern Africa and other regions.

Segment assets as of March 31, 2022 increased by \(\frac{4472}{408}\) million to \(\frac{43}{31}\), \(\frac{61}{835}\) million from March 31, 2021.

Production scale for the construction, mining and utility equipment operating segment increased by 43.6% from the fiscal year ended March 31, 2021 to approximately \(\frac{4}{2}\),713.7 billion (based on sales prices on a consolidated basis) because the demand for both construction and mining equipment was strong around the world, expect for China, as the adverse effects of coronavirus (COVID-19) pandemic shrank.

<Retail Finance operating segment>

Sales increased by 8.2% from the fiscal year ended March 31, 2021 to \(\frac{1}{4}\)71,862 million, as new contracts increased in tandem with sales growth of construction and mining equipment.

Segment assets as of March 31, 2022 increased by ¥93,785 million to ¥980,910 million from March 31, 2021.

<Industrial Machinery and Others operating segment>

With respect to the businesses of presses, sheet-metal machines, and machine tools, Komatsu improved sales from the fiscal year ended March 31, 2021, by completing installation of machinery at overseas customers' plants, as the governments of related countries eased their regulations on economic activities. Moreover, sales of the Excimer laser-related business advanced, supported by an increase in global demand for semiconductors. As a result, sales increased by 10.0% from the fiscal year ended March 31, 2021 to ¥188,368 million.

Segment assets as of March 31, 2022 increased by ¥4,471 million to ¥206,281 million from March 31, 2021.

Production scale for the industrial machinery and others operating segment increased by 3.0% from the fiscal year ended March 31, 2021 to approximately ¥171.4 billion (based on sales prices on a consolidated basis).

(iv) Status of achievement of target management indices, etc.

The results of the achievement of the management targets of the three-year mid-term management plan ended March 31, 2022 were as follows.

During the first two years from the fiscal year ended March 31, 2020, demand for construction and mining equipment declined sharply mainly due to the spread of the coronavirus (COVID-19) pandemic. Under such business environment, we have steadily focused on implementing growth strategies and structural reforms to increase corporate value. While equipment demand recovered for the fiscal year ended March 31, 2022, the third and last year of the mid-term management plan, sales for the fiscal year ended March 31, 2022 marked a record-high with our efforts on growth strategies and structural reforms. As a result, we achieved the targets of three-year average growth rate and financial soundness. As to profitability, three-year averaged operating profit ratio remained at 9.7%. For efficiency, three-year averaged ROE was 8.4%, below the target of 10%, while the actual result of ROE in the fiscal year ended March 31, 2022 reached 10.9%. With regard to shareholder return, we maintained consolidated dividend payout ratio more than 40%. As for ESG, Komatsu was selected as "Dow Jones Sustainability Indices (DJSI)". We are also certified as CDP A list for climate change and water risk. We have also consistently made efforts on reducing CO₂ emissions and increasing renewable energy use ratio toward our targets by 2030. In retail finance business, we achieved our targets of both ROA and net debt-to-equity ratio.

	Targets	Management Index	FY2021 Results	FY2019-2021 Results ^{*1}	
Growth	•Growth rate above the industry's average	·Sales growth rate	28.0%	2.4%	
Profitability	•Industry's top-level operating income ratio	•Operating income ratio	11.3%	9.7%	
Efficiency	•ROE*2 of 10% or higher	•ROE*2	10.9%	8.4%	
Financial position	•Industry's top-level financial position	•Net debt-to-equity	0.28	0.35	
Retail finance	•ROA*4: 1.5-2.0%	•ROA*4	1.8%	1.5%	
business	•5.0 or under for net debt-to-equity ratio *3	•Net debt-to-equity	3.51	3.67	
ESG	•Reduction of environmental impact CO ₂ emissions: Decrease by 50% in 2030 from 2010 Renewable energy use: Increase to 50% of total energy use in 2030	•Reduction of environmental impact	• CO ₂ reduction through product use: 19% decrease (expected). • CO ₂ reduction through production: 36% decrease (expected). • Renewable energy use: 14% (expected).	•CO ₂ reduction through product use: 19% decrease (expected). •CO ₂ reduction through production: 36% decrease (expected). •Renewable energy use: 14% (expected).	
	•Evaluation by external organizations: Selected for DJSI*5 (World & Asia Pacific) and CDP*6 A-list (Climate Changes and Water Risk), etc.	•Evaluation by external organizations	•DJSI*5: Selected. •CDP*6: Scored of Climate Changes A. •CDP*6: Scored of Water Risk A.	•DJSI*5: Selected. •CDP*6: Scored of Climate Changes A. •CDP*6: Scored of Water Risk A.	
Shareholder	•Keep a fair balance between investment for growth and shareholder return (incl. stock buyback), while placing main priority on investment.	•Consolidated	40.3%	49.0%	
return	•Set the goal of a consolidated payout ratio of 40% or higher.	payout ratio	40.570	49.0%	

Notes:

- *1 Three-year average from the fiscal year ended March 31, 2020 to the fiscal year ended March 31, 2022 (Excluding ESG-related targets)
- *2 ROE = Net income attributable to Komatsu Ltd. for the year/[(Komatsu Ltd. shareholders' equity at the beginning + Komatsu Ltd. shareholders' equity at the end of the fiscal year)/2]
- *3 Net debt-to-equity ratio = (Interest-bearing debt Cash and cash equivalents Time deposits) / Komatsu Ltd. shareholders' equity
- *4 ROA = Segment profit/[(total assets at the beginning + total assets at the end of the fiscal year)/2]
- *5 Dow Jones Sustainability Indices: ESG investment indices of S&P Dow Jones Indices LLC of the United States
- *6 International non-profit organization, protecting water resources and forests by advocating the reduction of greenhouse gas emissions by companies and governments

4. Material Agreements, etc.

The Company resolved the following matters at the meeting of the Board of Directors held on April 30, 2021. On the same day, the Company, NTT DOCOMO, INC. (hereafter "DOCOMO"), Sony Semiconductor Solutions Corporation (hereafter "Sony"), and Nomura Research Institute, Ltd. (hereafter "NRI") entered into a joint venture agreement and an investment agreement.

- (1) The Company would engage in the joint business (hereafter the "Joint Business") of developing, providing, and servicing digital solutions (worksite visualization devices, platforms, and applications) for the construction industry at LANDLOG Ltd. (hereafter "LANDLOG"), a wholly-owned subsidiary of the Company, with DOCOMO, Sony, and NRI.
- (2) Toward the Joint Business, the Company would transfer part of the rights and obligations related to the SMARTCONSTRUCTION business to LANDLOG through a company split (absorption-type company split) with effective date of July 1, 2021, and then LANDLOG would execute the third-party allocation of shares to DOCOMO, Sony, and NRI.

Along with the Joint Business, LANDLOG changed its name to EARTHBRAIN Ltd on July 1, 2021.

5. Research and Development Activities

With commitment to providing "Quality and Reliability," Komatsu is actively promoting research and development activities for new technologies and new products in the fields of construction, mining and utility equipment, industrial machinery and others.

With respect to the structure of Komatsu's research and development, the Office of Chief Technology Officer (CTO), research and development departments of the Development Division of the Company, which focus on construction, mining and utility equipment and the technology departments of the Company's subsidiaries and affiliates participate in its research and development activities. The total amount of research and development expenses for the fiscal year ended March 31, 2022 was \cdot\frac{2}{3}77,478 million. The objectives, results and expenses of the research and development activities by operating segment are described below.

(1) Construction, Mining and Utility Equipment

In order to efficiently develop construction, mining and utility equipment that can be used in various locations of the world, Komatsu has established research and development departments in Japan and overseas, which constitute a framework for global development, and also encourages joint research and development programs and personnel exchanges. Mainly through the Office of CTO, Komatsu is also proactively cooperating and collaborating, to create innovations, with Japanese and overseas universities, research institutes, and companies that have cutting-edge technologies in promising fields and striving to accelerate technological innovation achieved by merging core Komatsu technologies with external insight (Open innovation). Komatsu is pursuing following medium- and long-term research and development objectives intended to realize the safe, highly productive, smart and clean workplace of the future together with our customers.

<ICT (Information Communication Technology)>

Komatsu promotes the research and development activities of ICT (including remote management of equipment by obtaining information regarding machine locations, operating conditions and vehicle health using state-of-the-art remote sensing and telecommunication technologies), control technology and intelligent machine technology. Equipment with control systems and management systems Komatsu developed using these technologies has been rapidly penetrating in the market and contributing to productive operation and management of equipment. Through use of such technologies as ICT-intensive construction and "KOMTRAX", Komatsu is progressing "customer-perspective-oriented" activities towards research and development of new generation products.

Komatsu has developed an intelligent mechanically controlled bulldozer and excavator, and further expanded its application with the Retrofit Kit, by which constructions were made automated, and more precise and more efficient operation was realized. In addition, Komatsu expanded the areas and scale of the deployment of service business, "SMARTCONSTRUCTION", that provides solutions to various problems of construction sites and realizes "Jobsite of the future". By utilization of precision surveying technologies and connection of all information on construction sites by ICT, "SMARTCONSTRUCTION" makes it possible to improve customer's productivities and safety on construction site.

For construction worksites, Komatsu is going to promote "LANDLOG", our open platform which deals with digital transformation needs, upgrade ICT-intensive construction equipment for autonomous and collaborative operations, and develop construction simulations designed to take full advantage of our manufacturing engineering expertise and to optimize construction.

For agricultural and forestry workplaces, Komatsu is proposing "smart forestry" which aims to streamline the entire process of forestry through know-how from "SMARTCONSTRUCTION", and will be working to commercialize agriculture-specific ICT-intensive construction equipment.

<Environmental Friendliness, Resource Saving and Safety>

As the Corporate Principle under Komatsu Earth Environment Charter, Komatsu is committed to develop and manufacture products for customer satisfaction with both well-environmental performance and economic efficiency. Komatsu is striving to minimize the impact on the environment throughout the product's life cycle from production to disposal and recycle, while at the same time, aiming for innovation in economically superior products with improved fuel consumption.

Komatsu is placing special emphasis on research and development activities related to technologies improving fuel consumptions, which relates to both the environment (by reducing CO₂ emissions) and the economy (by decreasing fuel expenses). Hybrid hydraulic excavators have been launched first in Japan, and later in China, North America, Europe, and other parts of the world. Accumulated number of introduced units has exceeded 5,200.

Construction equipment with clean diesel engines that meet the world's strict emission standards is on the market.

Komatsu is actively working to reduce the amount of materials that place burdens on the environment. Komatsu considers not only the earth environment but also the human environment and is proactively working to make further improvements to the working conditions of machine operators by enhancing safety measures and reducing noise and vibration levels of its machines.

Komatsu introduced an electric micro excavator ("PC01E-1") powered by a battery and an electric motor.

The principal products developed and launched to the market in the construction, mining and utility equipment operating segment during the fiscal year ended March 31, 2022 are listed below:

Product	Model
Hydraulic Excavators	PW138MR-11E0, PW148-11E0, PW158-11E0, PW160-11E0, PC170LC-11E0, PC200-10M0, PC300/360-8M1, PC300/PC350/PC360-8M2
ICT Excavators	PC490LCI-11
Bulldozers	D27A/D27P/D27PL-10, D65EX/PX/WX-18/18E0, D85EX/PX-18/18E0, D475A-8R
ICT Bulldozers	D65EXI/PXI-18/18E0, D85EXI/PXI-18/18E0
Wheel Loaders	WA200-8E0, WA270/320-8 equipped with Obstruction Detecting System
Dump Trucks	930E-5SE
Utilities	WB93R/S-8E0, WB97R/S-8E0, PC01E-1, PC17R-5, PC20R-5

The total amount of research and development expenses in the construction, mining and utility equipment operating segment for the fiscal year ended March 31, 2022 was \gmathbb{4}69,022 million.

(2) Industrial Machinery and Others

The Company and some of subsidiaries belonging to the Industrial Machinery and Others operating segment take in charge of research and development in the fields of metal forging and stamping presses, sheet metal machines, machine tools and others.

In the industrial machinery business, Komatsu is promoting the provision of solutions that solve customers' problems based on the DX strategy. In August, the "Sanki Komtrax" server for industrial machinery was migrated to "Microsoft Azure" and integrated with the predictive maintenance system. This has enabled us to strengthen our security and BCP (Business Continuity Plan). In providing solutions, Komatsu has been expanding sales of predictive maintenance systems that avoid sudden press line stoppages and has begun introducing these systems not only in Japan but also in China and the United States. In addition, we are expanding sales of "Komtrax" usage monitor functions for stamping presses such as forming load monitoring, peak load trend monitoring, and auto time study, not only for new machines but also by selling them as a set with renewal of controllers. In addition, Komatsu is working to improve LTV (Life Time Value) of "Sanki Komtrax" services by offering a campaign that waives installation fees for customers who select various optional contents for 4G switching of the communication modems used at "Komtrax" for industrial machinery.

In the metal forging and stamping presses business, the clutch of the small size press "OBS" and "E2W" has been improved to increase the intermittent production speed.

In the sheet metal machines business, in order to increase cutting speed and reduce burrs, the laser cutting machine "KFL" has been improved and released. Komatsu also has developed and released a non-magnetic material compatible type of the holding device "BENDING SUPPORT" that can hold long workpieces while bending them with press brakes.

In the machine tool business, Komatsu introduced the "NX500" machining center for diesel engine processing for construction machinery and trucks. And completed the development of the "ComPlex5400" 5-axis machining center that meets flexible production needs for electric vehicle's parts.

In the others business, Komatsu enhanced its activities, excimer laser for semiconductor lithography system, EUV light source, and semiconductor package substrate ablation, precise temperature control equipment and high-performance thermoelectric heat exchange units for semiconductor manufacturing, micro thermo-modules for use in

high speed optical communications, and thermoelectric power generation modules and its systems. The total amount of research and development expenses in the industrial machinery and others operating segment for the fiscal year ended March 31, 2022 was \$8,456 million.

Item 3. Property, Plants and Equipment

1. Overview of Capital Investment

Komatsu (the Company and its consolidated subsidiaries) invests capital each year in the development and production of new products and the improvement of the operating efficiency of its production infrastructure, primarily focusing on the construction, mining and utility equipment operating segment. Capital investment (figures based on property, plants and equipment acquired; amounts do not include consumption taxes, etc.) for the fiscal year ended March 31, 2022 by operating segment was as follows:

(Millions of yen)	Fiscal year ended March 31, 2022	Percentage change as compared to the fiscal year ended March 31, 2021		
Construction, Mining and Utility Equipment	115,371	(1.4)%		
Retail Finance	27,559	(33.9)%		
Industrial Machinery and Others	4,832	10.0%		
Total	147,762	(9.4)%		

With respect to the construction, mining and utility equipment operating segment, Komatsu made capital investments to enhance production efficiency and flexibility and to enhance its rental-to-used equipment business. Joy Global Surface Mining Inc, a subsidiary of Komatsu Mining Corp. made capital investments in the new Milwaukee campus.

With respect to the retail finance operating segment, Komatsu made capital investments for operating lease equipment.

With respect to the industrial machinery and others operating segment, Komatsu made capital investments to renew obsolete equipment.

2. Major FacilitiesMajor facilities of Komatsu are as follows:(1) The Company

(As of March 31, 2022)

				Book va	lue (Millions	of yen)		1011 31, 2022)
Name and location	Operating segment	Facilities & equipment	Buildings	Machinery and vehicles	Land (Thousand square meters)	Others	Total	Number of employees
Awazu Plant Komatsu, Ishikawa	Construction, Mining and Utility Equipment, Industrial Machinery and Others	Manufacturing of bulldozers, hydraulic excavators, wheel loaders, motor graders, ammunition, etc.	16,016	7,963	2,756 (646)	1,317	28,053	2,301
Kanazawa Plant Kanazawa, Ishikawa	Construction, Mining and Utility Equipment, Industrial Machinery and Others	Manufacturing of hydraulic excavators, metal forging and stamping presses, sheet-metal machines, etc.	3,767	479	1,240 (97)	234	5,722	334
Himi Plant Himi, Toyama	Construction, Mining and Utility Equipment	Manufacturing of steel castings, iron castings, patterns for casting	7,720	4,710	2,346 (453)	2,180	16,959	888
Osaka Plant Hirakata, Osaka *1	Construction, Mining and Utility Equipment	Manufacturing of bulldozers, hydraulic excavators, recycling equipment, etc.	18,923	10,442	4,236 (542)	1,948	35,551	2,299
Ibaraki Plant Hitachinaka, Ibaraki	Construction, Mining and Utility Equipment	Manufacturing of dump trucks, wheel loaders, etc.	8,245	2,064	10,086 (309)	298	20,695	821
Shonan Plant Hiratsuka, Kanagawa	Construction, Mining and Utility Equipment	Manufacturing of controllers, monitors, hybrid components, etc.	2,631	696	2,214 (68)	1,256	6,799	759
Oyama Plant Oyama, Tochigi	Construction, Mining and Utility Equipment	Manufacturing of engines, hydraulic equipment, etc.	18,468	11,661	584 (584)	2,559	33,273	1,967

		Facilities & equipment		Book va	lue (Millions	s of yen)		
Name and location	Operating segment		Buildings	Machinery and vehicles	Land (Thousand square meters)	Others	Total	Number of employees
Tochigi Plant Oyama, Tochigi	Construction, Mining and Utility Equipment	Manufacturing of industrial vehicles, hydraulic excavators, etc.	4,393	1,367	2,779 (214)	276	8,817	550
Koriyama Plant Koriyama, Fukushima	Construction, Mining and Utility Equipment	Manufacturing of hydraulic equipment	2,350	2,157	876 (369)	315	5,699	391
Head office Minato-ku, Tokyo	-	Others	1,553	74	1,179 (2)	393	3,200	1,087

^{*1} Osaka Plant's book value and employees include those of the Rokko Plant, Kobe, Hyogo.

(2) Subsidiary located in Japan

(As of March 31, 2022)

				Book value (Millions of yen)						
Name and location	Operating segment	Facilities & equipment	Buildings	Machinery and vehicles	Land (Thousand square meters)	Others	Total	Number of employees		
Komatsu NTC Ltd. Nanto, Toyama	Industrial Machinery and Others	Manufacturing of machine tools, industrial machinery, etc.	4,645	1,290	4,345 (234)	381	10,661	1,163		

(As of March 31, 2022)

				Book va	lue (Millions	s of yen)	(110 01 1/100	cn 31, 2022)
Name and location	Operating segment	Facilities & equipment	Buildings	Machinery and vehicles	Land (Thousand square meters)	Others	Total	Number of employees
Komatsu America Corp. Chattanooga, U.S.A.	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators, etc.	769	1,336	242 (215)	312	2,659	295
Komatsu America Corp. Peoria, U.S.A.	Construction, Mining and Utility Equipment	Manufacturing of dump trucks	2,744	1,208	225 (529)	1,028	5,205	561
Hensley Industries, Inc. Dallas, U.S.A.	Construction, Mining and Utility Equipment	Manufacturing of construction and mining equipment components	1,664	1,546	483 (104)	473	4,166	428
Joy Global Surface Mining Inc Milwaukee, U.S.A.	Construction, Mining and Utility Equipment	Manufacturing of rope shovel, etc.	5,687	2,767	2,137 (229)	23,929	34,520	1,031
Joy Global Longview Operations LLC Longview, U.S.A.	Construction, Mining and Utility Equipment	Manufacturing of wheel loaders, etc.	7,853	2,376	1,156 (518)	1,023	12,408	618
Komatsu do Brasil Ltda. Suzano, Brazil	Construction, Mining and Utility Equipment	Manufacturing of bulldozers, hydraulic excavators, etc.	1,867	2,078	18 (634)	1,188	5,151	1,125
Komatsu UK Ltd. Birtley, U.K.	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators, etc.	940	1,690	– (200)	27	2,657	333
Komatsu Germany GmbH Dusseldorf, Germany	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators	2,074	2,086	1,179 (111)	1,345	6,684	733

				Book va	alue (Millions	of yen)		
Name and location	Operating segment	Facilities & equipment	Buildings	Machinery and vehicles	Land (Thousand square meters)	Others	Total	Number of employees
Komatsu Germany GmbH Hannover, Germany	Construction, Mining and Utility Equipment	Manufacturing of wheel loaders, etc.	2,619	932	499 (155)	1,319	5,369	676
Komatsu Italia Manufacturing S.p.A. Este, Italy	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators, backhoe loaders, etc.	1,134	855	383 (144)	284	2,656	274
Komatsu Forest AB Umea, Sweden	Construction, Mining and Utility Equipment	Manufacturing of forestry equipment.	5,923	5,009	1,687 (171)	39	12,658	627
Komatsu Manufacturing Rus, LLC Yaroslavl, Russia	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators, dump trucks, etc.	1,524	986	5 (450)	52	2,567	425
Komatsu (Changzhou) Construction Machinery Corp. Jiangsu, China *2	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators, wheel loaders, etc.	6,929	1,279	- (-) [295]	690	8,898	469
Komatsu Shantui Construction Machinery Co., Ltd. Shandong, China *2	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators	4,793	2,573	- (-) [411]	188	7,554	767
Komatsu (Shandong) Construction Machinery Corp. Shandong, China *2	Construction, Mining and Utility Equipment	Manufacturing of construction and mining equipment components, etc.	2,168	3,844	- (-) [210]	383	6,395	742
PT Komatsu Indonesia Jakarta, Indonesia	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators, bulldozers and dump trucks, etc.	2,797	2,350	3,892 (305)	296	9,335	1,295

				Book va	lue (Millions	s of yen)		
Name and Operating location segment		Facilities & equipment	Buildings	Machinery and vehicles	Land (Thousand square meters)	Others	Total	Number of employees
PT Komatsu Undercarriage Indonesia Bekasi, Indonesia	Construction, Mining and Utility Equipment	Manufacturing of construction and mining equipment components	1,283	1,730	568 (64)	230	3,811	770
Bangkok Komatsu Co., Ltd. Chonburi, Thailand	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators, iron castings, etc.	984	1,219	1,563 (179)	32	3,798	727
Komatsu India Pvt. Ltd Kanchpuram, India *2	Construction, Mining and Utility Equipment	Manufacturing of hydraulic excavators, dump trucks, etc.	2,493	1,313	(-) [240]	83	3,889	587

^{*2} These companies rent the land for their operation. The figures in square brackets in the "Land" represent areas of rented land, which are not included in the figures immediately above.

Note: The amount of "Others" is the total of tools, furniture and fixtures and construction in progress. These amounts in the above table do not include consumption taxes, etc.

3. Plans for Capital Investment, Disposal of Property, Plants and Equipment, etc.

(1) Capital investment

Komatsu has not decided any detail plans of capital investment for individual projects at the end of fiscal year ended March 31, 2022, because Komatsu operates its various types of business all over the world. Therefore, Komatsu discloses capital investment amounts by operating segment.

Komatsu plans to make capital investments of ¥160,000 million in the fiscal year ending March 31, 2023 (figures based on property, plants and equipment acquired; amounts do not include consumption taxes, etc.), and the principal investment objectives and the sources of funding by operating segment are set forth in the table below.

Operating segment	Approximate expected capital investment amount in the fiscal year ending March 31, 2023 (Millions of yen)	Principal investment detail and objectives	Sources of funding
Construction, Mining and Utility Equipment	123,000	To enhance production efficiency and flexibility	Funds on hand, bank borrowings, etc.
Retail Finance	27,000	Operating lease equipment	Funds on hand, bank borrowings, etc.
Industrial Machinery and Others	10,000	To renew obsolete equipment	Funds on hand, bank borrowings, etc.
Total	160,000		

Notes:

- 1) Capital investment amounts do not include consumption taxes, etc.
- 2) An outline of capital investment plan for each segment is as follows:

With respect to the construction, mining and utility equipment operating segment, Komatsu plans to make capital investments to enhance production efficiency and flexibility.

With respect to the retail finance operating segment, Komatsu plans to make capital investments for operating lease equipment.

With respect to the industrial machinery and others operating segment, Komatsu plans to make capital investments to renew obsolete equipment.

Item 4. Information on the Company

Information on the Company's Share, etc. Total number of shares, etc.

(i) Total number of shares

Class	Total number of shares authorized to be issued (Shares)
Common shares	3,955,000,000
Total	3,955,000,000

(ii) Issued shares

Class	Number of issued shares at the end of the fiscal year (March 31, 2022) (Shares)	Illing date	Name of stock exchange on which the Company is listed or names of authorized financial instruments firms associations	Description
Common shares	973,145,800	973,145,800	Tokyo Stock Exchange First Section (At the end of the fiscal year) Prime Market (As of the filing date)	This is the standard of the Company's shares, whose holders have unlimited rights. The number of shares constituting one unit is 100 shares.
Total	973,145,800	973,145,800	_	_

(2) Stock acquisition rights, etc.

(i) Stock option plans

Although the Company had issued Stock Acquisition Rights as remuneration to its Directors and without consideration to its employees, etc. in accordance with the Companies Act of Japan, it did not issue new Stock Acquisition Rights as it introduced restricted stock compensation system in the fiscal year 2018. Stock Acquisition Rights issued for the Directors of the Company as remuneration in accordance with the Companies Act of Japan are as follows:

Date of resolution	July 14, 2016 (Meeting of the Board of Directors)	
Category and number of individuals		
covered by the plan	Directors of the Company: 10	
Number of Stock Acquisition	T [0] #1	
Rights (Units)*	7 [0] *1	
Class of shares subject to Stock Acquisition Rights*	Common stock	
Number of shares subject to Stock Acquisition Rights (Shares)*	700 [0] *2	
Amount to be paid in to exercise Stock Acquisition Rights*	¥1 per share	
Period for exercising Stock	From August 1, 2019	
Acquisition Rights*	to July 31, 2024	
Share issue price and additional paid-in capital per share in the event of issuance of shares upon exercise of Stock Acquisition Rights*	Issue price \$1 *3 Additional paid-in capital per share \$11	
Conditions for exercising the Stock Acquisition Rights*	If a holder of Stock Acquisition Rights who is a Director, Audit & Supervisory Board Member, or employee of the Company, or Director, Audit & Supervisory Board Member, or employee of a subsidiary or affiliate of the Company, loses all their respective status set above, that person is able to exercise the Stock Acquisition Rights only within three (3) year period from the date they lost such position; provided, however, that the period shall not exceed the original exercise period for the Stock Acquisition Rights described above, and other terms and conditions concerning the exercise of Stock Acquisition Rights shall be decided at the contracts to be executed by and between the Company and the holders of the Stock Acquisition Rights.	
Transfer of the Stock Acquisition Rights*	Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the resolution of the Company's Board of Directors.	
Matters relating to grants of Stock Acquisition Rights in association with organizational restructuring actions*	*4	

^{*}These items indicate the status as of the end of the fiscal year (March 31, 2022). The items which were changed between the end of the fiscal year and the end of month previous to the filing month (May 31, 2022) are indicated in the bracket "[]". Other items have not been changed since the end of the fiscal year. Notes:

1. The number of shares subject to one Stock Acquisition Right shall be 100 shares.

- 2. If the Company effects a stock split of its common stock (including allotment of its common stock to shareholders without consideration; the same applies hereinafter) or effects a stock consolidation, the number of shares granted subject to one Stock Acquisition Right shall be adjusted proportionately, in accordance with the ratio of the stock split or the stock consolidation in question. Also, if it is necessary to adjust the number of shares granted after July 14, 2016 for other reasons than the aforementioned, the Company shall properly adjust the number of shares granted in connection with the aforementioned Stock Acquisition Rights to the extent reasonable. Fractions of less than one share resulting from the foregoing adjustment shall be rounded down.
- 3. If the Stock Acquisition Rights are exercised, new shares shall not be issued, but treasury stock shall be allotted.
 - Policy for decision on extinguishment of Stock Acquisition Rights in organizational restructuring and details of granting Stock Acquisition Rights of reorganized company In the event where the Company engages in any merger (limited to a case where the Company ceases to exist as a result of the merger), a corporate split in which a division of the Company is merged into an existing company, a corporate split in which a division of the Company is spun off to establish a new company (for both, limited to cases where the Company is split up), or an exchange or transfer of shares (for both, limited to cases where the Company becomes a wholly-owned subsidiary) (collectively "Restructuring Actions"), each person holding the remaining Stock Acquisition Rights at the time the Restructuring Actions take effect (hereinafter "Remaining Stock Acquisition Rights") shall respectively be granted the Stock Acquisition Rights of the relevant stock companies set forth in Article 236, Paragraph 1, Item 8 (a) through (e) inclusive of the Companies Act of Japan (hereinafter "Reorganized Company"). In this event, the Remaining Stock Acquisition Rights shall become null and void and the Reorganized Company shall issue new Stock Acquisition Rights. However, the new Stock Acquisition Rights shall be granted, only if provisions for granting them in accordance with the following items are included as conditions in a merger agreement (in which the Company is merged into a Reorganized Company or a Reorganized Company is established as the result of the merger), a corporate split agreement (in which a division of the Company is merged into a Reorganized Company), a plan for a corporate split (in which a division of the Company is spun off to establish a Reorganized Company), a share exchange agreement, or a plan for transfer of shares (in both of which the Company becomes a fully-owned subsidiary of a Reorganized Company).
 - (1) Number of the Stock Acquisition Rights of a Reorganized Company to be granted Each holder of the Remaining Stock Acquisition Rights shall be granted the Stock Acquisition Rights of the Reorganized Company of which the number is equivalent to the number of such Rights held by such holder at the time the Restructuring Actions take effect.
 - (2) Class of shares of the Reorganized Company subject to the Stock Acquisition Rights

 The class of shares subject to the Stock Acquisition Rights shall be the common stock of the Reorganized Company.
 - (3) Number of shares of the Reorganized Company subject to the Stock Acquisition Rights
 The number of shares shall be determined in accordance with Note 2. above, after taking into
 consideration the conditions or other factors concerning the Restructuring Actions.
 - (4) Amount of assets to be paid upon the exercise of the Stock Acquisition Rights

 The amount of assets to be paid upon exercise of newly granted Stock Acquisition Rights shall be the
 amount obtained by multiplying ¥1 per share by the number of shares to be issued for each acquisition
 right as determined in (3) above.
 - (5) Exercise period for the Stock Acquisition Rights

 The exercise period shall begin on either the first date of the exercise period for the Stock Acquisition Rights stipulated in the table above, or the date that the Restructuring Actions take effect, whichever comes later, and shall continue to the expiration date of the exercise period for the Stock Acquisition Rights stipulated in the table above.

- (6) Increase in paid-in capital and capital surplus in the event of the issuance of shares upon exercise of the Stock Acquisition Rights
 - (i) The amount of paid-in capital increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be 1/2 of the maximum amount of capital increase, calculated in accordance with Article 17, Paragraph 1 of Corporate Accounting Regulations of Japan. Fractions less than one yen resulting from the calculation shall be rounded up to a whole yen.
 - (ii) The amount of capital surplus increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be the amount obtained by subtracting the amount of the paid-in capital increase from the maximum amount of the capital increase, as described in (i) above.
- (7) Restriction on acquisition of the Stock Acquisition Rights by transfer Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the Reorganized Company.
- (8) Provisions pertaining to acquisition of the Stock Acquisition Rights

 The Stock Acquisition Rights do not contain the provisions pertaining to the acquisition of the Stock

 Acquisition Rights.

Date of resolution	July 13, 2017 (Meeting of the Board of Directors)	
Category and number of individuals covered by the plan	Directors of the Company: 8	
Number of Stock Acquisition Rights (Units)*	12 [6] *1	
Class of shares subject to Stock Acquisition Rights*	Common stock	
Number of shares subject to Stock Acquisition Rights (Shares)*	1,200 [600] *2	
Amount to be paid in to exercise Stock Acquisition Rights*	¥1 per share	
Period for exercising Stock Acquisition Rights*	From August 1, 2020 to July 31, 2025	
Share issue price and additional paid-in capital per share in the event of issuance of shares upon exercise of Stock Acquisition Rights*	Issue price ¥1 *3 Additional paid-in capital per share ¥1	
If a holder of Stock Acquisition Rights who is a Director, Audit & Supervisory Board Member, or employee of the Company, or Director Audit & Supervisory Board Member, or employee of a subsidiary affiliate of the Company, loses all their respective status set above person is able to exercise the Stock Acquisition Rights only within (3) year period from the date they lost such position; provided, ho that the period shall not exceed the original exercise period for the Acquisition Rights described above, and other terms and condition concerning the exercise of Stock Acquisition Rights shall be decided to the Stock Acquisition Rights.		
Transfer of the Stock Acquisition Rights*	Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the resolution of the Company's Board of Directors.	
Matters relating to grants of Stock Acquisition Rights in association with organizational restructuring actions*	*4	

^{*}These items indicate the status as of the end of the fiscal year (March 31, 2022). The items which were changed between the end of the fiscal year and the end of month previous to the filing month (May 31, 2022) are indicated in the bracket "[]". Other items have not been changed since the end of the fiscal year. Notes:

1. The number of shares subject to one Stock Acquisition Right shall be 100 shares.

- 2. If the Company effects a stock split of its common stock (including allotment of its common stock to shareholders without consideration; the same applies hereinafter) or effects a stock consolidation, the number of shares granted subject to one Stock Acquisition Right shall be adjusted proportionately, in accordance with the ratio of the stock split or the stock consolidation in question. Also, if it is necessary to adjust the number of shares granted after July 13, 2017 for other reasons than the aforementioned, the Company shall properly adjust the number of shares granted in connection with the aforementioned Stock Acquisition Rights to the extent reasonable. Fractions of less than one share resulting from the foregoing adjustment shall be rounded down.
- 3. If the Stock Acquisition Rights are exercised, new shares shall not be issued, but treasury stock shall be allotted.
 - Policy for decision on extinguishment of Stock Acquisition Rights in organizational restructuring and details of granting Stock Acquisition Rights of reorganized company In the event where the Company engages in any merger (limited to a case where the Company ceases to exist as a result of the merger), a corporate split in which a division of the Company is merged into an existing company, a corporate split in which a division of the Company is spun off to establish a new company (for both, limited to cases where the Company is split up), or an exchange or transfer of shares (for both, limited to cases where the Company becomes a wholly-owned subsidiary) (collectively "Restructuring Actions"), each person holding the remaining Stock Acquisition Rights at the time the Restructuring Actions take effect (hereinafter "Remaining Stock Acquisition Rights") shall respectively be granted the Stock Acquisition Rights of the relevant stock companies set forth in Article 236, Paragraph 1, Item 8 (a) through (e) inclusive of the Companies Act of Japan (hereinafter "Reorganized Company"). In this event, the Remaining Stock Acquisition Rights shall become null and void and the Reorganized Company shall issue new Stock Acquisition Rights. However, the new Stock Acquisition Rights shall be granted, only if provisions for granting them in accordance with the following items are included as conditions in a merger agreement (in which the Company is merged into a Reorganized Company or a Reorganized Company is established as the result of the merger), a corporate split agreement (in which a division of the Company is merged into a Reorganized Company), a plan for a corporate split (in which a division of the Company is spun off to establish a Reorganized Company), a share exchange agreement, or a plan for transfer of shares (in both of which the Company becomes a fully-owned subsidiary of a Reorganized Company).
 - (1) Number of the Stock Acquisition Rights of a Reorganized Company to be granted Each holder of the Remaining Stock Acquisition Rights shall be granted the Stock Acquisition Rights of the Reorganized Company of which the number is equivalent to the number of such Rights held by such holder at the time the Restructuring Actions take effect.
 - (2) Class of shares of the Reorganized Company subject to the Stock Acquisition Rights

 The class of shares subject to the Stock Acquisition Rights shall be the common stock of the Reorganized Company.
 - (3) Number of shares of the Reorganized Company subject to the Stock Acquisition Rights
 The number of shares shall be determined in accordance with Note 2. above, after taking into
 consideration the conditions or other factors concerning the Restructuring Actions.
 - (4) Amount of assets to be paid upon the exercise of the Stock Acquisition Rights

 The amount of assets to be paid upon exercise of newly granted Stock Acquisition Rights shall be the
 amount obtained by multiplying ¥1 per share by the number of shares to be issued for each acquisition
 right as determined in (3) above.
 - (5) Exercise period for the Stock Acquisition Rights

 The exercise period shall begin on either the first date of the exercise period for the Stock Acquisition Rights stipulated in the table above, or the date that the Restructuring Actions take effect, whichever comes later, and shall continue to the expiration date of the exercise period for the Stock Acquisition Rights stipulated in the table above.

- (6) Increase in paid-in capital and capital surplus in the event of the issuance of shares upon exercise of the Stock Acquisition Rights
 - (i) The amount of paid-in capital increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be 1/2 of the maximum amount of capital increase, calculated in accordance with Article 17, Paragraph 1 of Corporate Accounting Regulations of Japan. Fractions less than one yen resulting from the calculation shall be rounded up to a whole yen.
 - (ii) The amount of capital surplus increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be the amount obtained by subtracting the amount of the paid-in capital increase from the maximum amount of the capital increase, as described in (i) above.
- (7) Restriction on acquisition of the Stock Acquisition Rights by transfer Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the Reorganized Company.
- (8) Provisions pertaining to acquisition of the Stock Acquisition Rights

 The Stock Acquisition Rights do not contain the provisions pertaining to the acquisition of the Stock Acquisition Rights.

Stock Acquisition Rights issued without consideration for certain employees of the Company, etc., in accordance with the Companies Act of Japan are as follows:

	et of supun are as follows:		
	Ordinary General Meeting of Shareholders	June 18, 2014	
Date of resolution	Meeting of the Board of Directors	July 11, 2014	
Category and number the plan	r of individuals covered by	Employees of the Company: 74 Directors of major subsidiaries of the Company: 14	
Number of Stock Ac	quisition Rights (Units)*	63 [27] *	
Class of shares subject to Stock Acquisition Rights*		Common stock	
Number of shares subject to Stock Acquisition Rights (Shares)*		6,300 [2,700] *2	
Amount to be paid in Acquisition Rights*	to exercise Stock	¥1 per share	
Period for exercising Stock Acquisition Rights*		From August 1, 2017 to July 31, 2022	
Share issue price and additional paid-in capital per share in the event of issuance of shares upon exercise of Stock Acquisition Rights*		Issue price ¥1 * Additional paid-in capital per share ¥1	
Audit & Supervisory Board Member, or employ Company, or Director, Audit & Supervisory Board Member, or employe or employee of a subsidiary or affiliate of the Coall their respective status set above, that person is exercise the Stock Acquisition Rights only with (3) year period from the date they lost such position provided, however, that the period shall not exercise above, and other terms and conditions the exercise of Stock Acquisition Rights shall be the contracts to be executed by and between the		If a holder of Stock Acquisition Rights who is a Director, Audit & Supervisory Board Member, or employee of the Company, or Director, Audit & Supervisory Board Member or employee of a subsidiary or affiliate of the Company, lose all their respective status set above, that person is able to exercise the Stock Acquisition Rights only within three (3)year period from the date they lost such position; provided, however, that the period shall not exceed the original exercise period for the Stock Acquisition Rights described above, and other terms and conditions concerning the exercise of Stock Acquisition Rights shall be decided at the contracts to be executed by and between the Company and the holders of the Stock Acquisition Rights.	
Transfer of the Stock		Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the resolution of the Company's Board of Directors.	
Matters relating to gr Rights in association restructuring actions	_	*4	

^{*}These items indicate the status as of the end of the fiscal year (March 31, 2022). The items which were changed between the end of the fiscal year and the end of month previous to the filing month (May 31, 2022) are indicated in the bracket "[]". Other items have not been changed since the end of the fiscal year. Notes:

- 1. The number of shares subject to one Stock Acquisition Right shall be 100 shares.
- 2. If the Company effects a stock split of its common stock (including allotment of its common stock to shareholders without consideration; the same applies hereinafter) or effects a stock consolidation, the number of shares granted subject to one Stock Acquisition Right shall be adjusted proportionately, in accordance with the ratio of the stock split or the stock consolidation in question. Also, if it is necessary to adjust the number of shares granted after June 18, 2014 for other reasons than the aforementioned, the Company shall properly adjust the number of shares granted in connection with the aforementioned Stock Acquisition Rights to the extent reasonable. Fractions of less than one share resulting from the foregoing adjustment shall be rounded down.

- 3. If the Stock Acquisition Rights are exercised, new shares shall not be issued, but treasury stock shall be allotted.
- 4. Policy for decision on extinguishment of Stock Acquisition Rights in organizational restructuring and details of granting Stock Acquisition Rights of reorganized company In the event where the Company engages in any merger (limited to a case where the Company ceases to exist as a result of the merger), a corporate split in which a division of the Company is merged into an existing company, a corporate split in which a division of the Company is spun off to establish a new company (for both, limited to cases where the Company is split up), or an exchange or transfer of shares (for both, limited to cases where the Company becomes a wholly-owned subsidiary) (collectively "Restructuring Actions"), each person holding the remaining Stock Acquisition Rights at the time the Restructuring Actions take effect (hereinafter "Remaining Stock Acquisition Rights") shall respectively be granted the Stock Acquisition Rights of the relevant stock companies set forth in Article 236, Paragraph 1, Item 8 (a) through (e) inclusive of the Companies Act of Japan (hereinafter "Reorganized Company"). In this event, the Remaining Stock Acquisition Rights shall become null and void and the Reorganized Company shall issue new Stock Acquisition Rights. However, the new Stock Acquisition Rights shall be granted, only if provisions for granting them in accordance with the following items are included as conditions in a merger agreement (in which the Company is merged into a Reorganized Company or a Reorganized Company is established as the result of the merger), a corporate split agreement (in which a division of the Company is merged into a Reorganized Company), a plan for a corporate split (in which a division of the Company is spun off to establish a Reorganized Company), a share exchange agreement, or a plan for transfer of shares (in both of which the Company becomes a fully-owned subsidiary of a Reorganized Company).
 - (1) Number of the Stock Acquisition Rights of a Reorganized Company to be granted Each holder of the Remaining Stock Acquisition Rights shall be granted the Stock Acquisition Rights of the Reorganized Company of which the number is equivalent to the number of such Rights held by such holder at the time the Restructuring Actions take effect.
 - (2) Class of shares of the Reorganized Company subject to the Stock Acquisition Rights

 The class of shares subject to the Stock Acquisition Rights shall be the common stock of the Reorganized

 Company.
 - (3) Number of shares of the Reorganized Company subject to the Stock Acquisition Rights
 The number of shares shall be determined in accordance with Note 2. above, after taking into
 consideration the conditions or other factors concerning the Restructuring Actions.
 - (4) Amount of assets to be paid upon the exercise of the Stock Acquisition Rights

 The amount of assets to be paid upon exercise of newly granted Stock Acquisition Rights shall be the
 amount obtained by multiplying ¥1 per share by the number of shares to be issued for each acquisition
 right as determined in (3) above.
 - (5) Exercise period for the Stock Acquisition Rights

 The exercise period shall begin on either the first date of the exercise period for the Stock Acquisition
 Rights stipulated in the table above, or the date that the Restructuring Actions take effect, whichever
 comes later, and shall continue to the expiration date of the exercise period for the Stock Acquisition
 Rights stipulated in the table above.
 - (6) Increase in paid-in capital and capital surplus in the event of the issuance of shares upon exercise of the Stock Acquisition Rights
 - (i) The amount of paid-in capital increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be 1/2 of the maximum amount of capital increase, calculated in accordance with Article 17, Paragraph 1 of Corporate Accounting Regulations of Japan. Fractions less than one yen resulting from the calculation shall be rounded up to a whole yen.
 - (ii) The amount of capital surplus increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be the amount obtained by subtracting the amount of the paid-in capital increase from the maximum amount of the capital increase, as described in (i) above.
 - (7) Restriction on acquisition of the Stock Acquisition Rights by transfer Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the Reorganized Company.

(8) Provisions pertaining to acquisition of the Stock Acquisition Rights The Stock Acquisition Rights do not contain the provisions pertaining to the acquisition of the Stock Acquisition Rights.

Date of resolution	Ordinary General Meeting of Shareholders Meeting of the Board of	June 24, 2015	
	Directors	July 10, 2015 Employees of the Company: 73	
Category and number of individuals covered by the plan		Representative Directors of major subsidiaries of the Company: 11	
Number of Stock Ac	quisition Rights (Units)*	176 *1	
Class of shares subje Rights*	ct to Stock Acquisition	Common stock	
Number of shares subject to Stock Acquisition Rights (Shares)*		17,600 *2	
Amount to be paid in to exercise Stock Acquisition Rights*		¥1 per share	
Period for exercising Stock Acquisition Rights*		From August 3, 2018 to July 31, 2023	
Share issue price and additional paid-in capital per share in the event of issuance of shares upon exercise of Stock Acquisition Rights*		Issue price ¥1 *3 Additional paid-in capital per share ¥1	
Conditions for exercising the Stock Acquisition Rights*		If a holder of Stock Acquisition Rights who is a Director, Audit & Supervisory Board Member, or employee of the Company, or Director, Audit & Supervisory Board Member, or employee of a subsidiary or affiliate of the Company, lose all their respective status set above, that person is able to exercise the Stock Acquisition Rights only within three (3)year period from the date they lost such position; provided, however, that the period shall not exceed the original exercise period for the Stock Acquisition Rights described above, and other terms and conditions concerning the exercise of Stock Acquisition Rights shall be decided at the contracts to be executed by and between the Company and the holders of the Stock Acquisition Rights.	
Transfer of the Stock Acquisition Rights*		Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the resolution of the Company's Board of Directors.	
Matters relating to grants of Stock Acquisition Rights in association with organizational restructuring actions*		*4	

^{*}These items indicate the status as of the end of the fiscal year (March 31, 2022). The items which were changed between the end of the fiscal year and the end of month previous to the filing month (May 31, 2022) are indicated in the bracket "[]". Other items have not been changed since the end of the fiscal year.

Notes:

- 1. The number of shares subject to one Stock Acquisition Right shall be 100 shares.
- 2. If the Company effects a stock split of its common stock (including allotment of its common stock to shareholders without consideration; the same applies hereinafter) or effects a stock consolidation, the number of shares granted subject to one Stock Acquisition Right shall be adjusted proportionately, in accordance with the ratio of the stock split or the stock consolidation in question. Also, if it is necessary to adjust the number of shares granted after June 24, 2015 for other reasons than the aforementioned, the Company shall properly adjust the number of shares granted in connection with the aforementioned Stock Acquisition Rights to the extent reasonable. Fractions of less than one share resulting from the foregoing adjustment shall be rounded down.

- 3. If the Stock Acquisition Rights are exercised, new shares shall not be issued, but treasury stock shall be allotted.
- 4. Policy for decision on extinguishment of Stock Acquisition Rights in organizational restructuring and details of granting Stock Acquisition Rights of reorganized company In the event where the Company engages in any merger (limited to a case where the Company ceases to exist as a result of the merger), a corporate split in which a division of the Company is merged into an existing company, a corporate split in which a division of the Company is spun off to establish a new company (for both, limited to cases where the Company is split up), or an exchange or transfer of shares (for both, limited to cases where the Company becomes a wholly-owned subsidiary) (collectively "Restructuring Actions"), each person holding the remaining Stock Acquisition Rights at the time the Restructuring Actions take effect (hereinafter "Remaining Stock Acquisition Rights") shall respectively be granted the Stock Acquisition Rights of the relevant stock companies set forth in Article 236, Paragraph 1, Item 8 (a) through (e) inclusive of the Companies Act of Japan (hereinafter "Reorganized Company"). In this event, the Remaining Stock Acquisition Rights shall become null and void and the Reorganized Company shall issue new Stock Acquisition Rights. However, the new Stock Acquisition Rights shall be granted, only if provisions for granting them in accordance with the following items are included as conditions in a merger agreement (in which the Company is merged into a Reorganized Company or a Reorganized Company is established as the result of the merger), a corporate split agreement (in which a division of the Company is merged into a Reorganized Company), a plan for a corporate split (in which a division of the Company is spun off to establish a Reorganized Company), a share exchange agreement, or a plan for transfer of shares (in both of which the Company becomes a fully-owned subsidiary of a Reorganized Company).
 - (1) Number of the Stock Acquisition Rights of a Reorganized Company to be granted Each holder of the Remaining Stock Acquisition Rights shall be granted the Stock Acquisition Rights of the Reorganized Company of which the number is equivalent to the number of such Rights held by such holder at the time the Restructuring Actions take effect.
 - (2) Class of shares of the Reorganized Company subject to the Stock Acquisition Rights

 The class of shares subject to the Stock Acquisition Rights shall be the common stock of the Reorganized

 Company.
 - (3) Number of shares of the Reorganized Company subject to the Stock Acquisition Rights
 The number of shares shall be determined in accordance with Note 2. above, after taking into
 consideration the conditions or other factors concerning the Restructuring Actions.
 - (4) Amount of assets to be paid upon the exercise of the Stock Acquisition Rights

 The amount of assets to be paid upon exercise of newly granted Stock Acquisition Rights shall be the
 amount obtained by multiplying ¥1 per share by the number of shares to be issued for each acquisition
 right as determined in (3) above.
 - (5) Exercise period for the Stock Acquisition Rights

 The exercise period shall begin on either the first date of the exercise period for the Stock Acquisition
 Rights stipulated in the table above, or the date that the Restructuring Actions take effect, whichever
 comes later, and shall continue to the expiration date of the exercise period for the Stock Acquisition
 Rights stipulated in the table above.
 - (6) Increase in paid-in capital and capital surplus in the event of the issuance of shares upon exercise of the Stock Acquisition Rights
 - (i) The amount of paid-in capital increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be 1/2 of the maximum amount of capital increase, calculated in accordance with Article 17, Paragraph 1 of Corporate Accounting Regulations of Japan. Fractions less than one yen resulting from the calculation shall be rounded up to a whole yen.
 - (ii) The amount of capital surplus increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be the amount obtained by subtracting the amount of the paid-in capital increase from the maximum amount of the capital increase, as described in (i) above.
 - (7) Restriction on acquisition of the Stock Acquisition Rights by transfer Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the Reorganized Company.

(8) Provisions pertaining to acquisition of the Stock Acquisition Rights The Stock Acquisition Rights do not contain the provisions pertaining to the acquisition of the Stock Acquisition Rights.

Date of resolution	Ordinary General Meeting of Shareholders Meeting of the Board of	June 22, 2016
	Directors	July 14, 2016
Category and numbe the plan	r of individuals covered by	Employees of the Company: 74 Representative Directors of major subsidiaries of the Company: 10
Number of Stock Ac	quisition Rights (Units)*	459 *1
Class of shares subje Rights*	ct to Stock Acquisition	Common stock
Rights (Shares)*	bject to Stock Acquisition	45,900 *2
Amount to be paid in Acquisition Rights*	to exercise Stock	¥1 per share
Period for exercising	Stock Acquisition Rights*	From August 1, 2019 to July 31, 2024
_	additional paid-in capital t of issuance of shares upon quisition Rights*	Issue price ¥1 *3 Additional paid-in capital per share ¥1
Conditions for exercing Rights*	ising the Stock Acquisition	If a holder of Stock Acquisition Rights who is a Director, Audit & Supervisory Board Member, or employee of the Company, or Director, Audit & Supervisory Board Member, or employee of a subsidiary or affiliate of the Company, lose all their respective status set above, that person is able to exercise the Stock Acquisition Rights only within three (3)year period from the date they lost such position; provided, however, that the period shall not exceed the original exercise period for the Stock Acquisition Rights described above, and other terms and conditions concerning the exercise of Stock Acquisition Rights shall be decided at the contracts to be executed by and between the Company and the holders of the Stock Acquisition Rights.
Transfer of the Stock	Acquisition Rights*	Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the resolution of the Company's Board of Directors.
Matters relating to gr Rights in association restructuring actions	-	*4
		•

^{*}These items indicate the status as of the end of the fiscal year (March 31, 2022). The items which were changed between the end of the fiscal year and the end of month previous to the filing month (May 31, 2022) are indicated in the bracket "[]". Other items have not been changed since the end of the fiscal year.

Notes:

- 1. The number of shares subject to one Stock Acquisition Right shall be 100 shares.
- 2. If the Company effects a stock split of its common stock (including allotment of its common stock to shareholders without consideration; the same applies hereinafter) or effects a stock consolidation, the number of shares granted subject to one Stock Acquisition Right shall be adjusted proportionately, in accordance with the ratio of the stock split or the stock consolidation in question. Also, if it is necessary to adjust the number of shares granted after June 22, 2016 for other reasons than the aforementioned, the Company shall properly adjust the number of shares granted in connection with the aforementioned Stock Acquisition Rights to the extent reasonable. Fractions of less than one share resulting from the foregoing adjustment shall be rounded down.

- 3. If the Stock Acquisition Rights are exercised, new shares shall not be issued, but treasury stock shall be allotted.
- 4. Policy for decision on extinguishment of Stock Acquisition Rights in organizational restructuring and details of granting Stock Acquisition Rights of reorganized company In the event where the Company engages in any merger (limited to a case where the Company ceases to exist as a result of the merger), a corporate split in which a division of the Company is merged into an existing company, a corporate split in which a division of the Company is spun off to establish a new company (for both, limited to cases where the Company is split up), or an exchange or transfer of shares (for both, limited to cases where the Company becomes a wholly-owned subsidiary) (collectively "Restructuring Actions"), each person holding the remaining Stock Acquisition Rights at the time the Restructuring Actions take effect (hereinafter "Remaining Stock Acquisition Rights") shall respectively be granted the Stock Acquisition Rights of the relevant stock companies set forth in Article 236, Paragraph 1, Item 8 (a) through (e) inclusive of the Companies Act of Japan (hereinafter "Reorganized Company"). In this event, the Remaining Stock Acquisition Rights shall become null and void and the Reorganized Company shall issue new Stock Acquisition Rights. However, the new Stock Acquisition Rights shall be granted, only if provisions for granting them in accordance with the following items are included as conditions in a merger agreement (in which the Company is merged into a Reorganized Company or a Reorganized Company is established as the result of the merger), a corporate split agreement (in which a division of the Company is merged into a Reorganized Company), a plan for a corporate split (in which a division of the Company is spun off to establish a Reorganized Company), a share exchange agreement, or a plan for transfer of shares (in both of which the Company becomes a fully-owned subsidiary of a Reorganized Company).
 - (1) Number of the Stock Acquisition Rights of a Reorganized Company to be granted Each holder of the Remaining Stock Acquisition Rights shall be granted the Stock Acquisition Rights of the Reorganized Company of which the number is equivalent to the number of such Rights held by such holder at the time the Restructuring Actions take effect.
 - (2) Class of shares of the Reorganized Company subject to the Stock Acquisition Rights

 The class of shares subject to the Stock Acquisition Rights shall be the common stock of the Reorganized

 Company.
 - (3) Number of shares of the Reorganized Company subject to the Stock Acquisition Rights
 The number of shares shall be determined in accordance with Note 2. above, after taking into
 consideration the conditions or other factors concerning the Restructuring Actions.
 - (4) Amount of assets to be paid upon the exercise of the Stock Acquisition Rights

 The amount of assets to be paid upon exercise of newly granted Stock Acquisition Rights shall be the
 amount obtained by multiplying ¥1 per share by the number of shares to be issued for each acquisition
 right as determined in (3) above.
 - (5) Exercise period for the Stock Acquisition Rights

 The exercise period shall begin on either the first date of the exercise period for the Stock Acquisition
 Rights stipulated in the table above, or the date that the Restructuring Actions take effect, whichever
 comes later, and shall continue to the expiration date of the exercise period for the Stock Acquisition
 Rights stipulated in the table above.
 - (6) Increase in paid-in capital and capital surplus in the event of the issuance of shares upon exercise of the Stock Acquisition Rights
 - (i) The amount of paid-in capital increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be 1/2 of the maximum amount of capital increase, calculated in accordance with Article 17, Paragraph 1 of Corporate Accounting Regulations of Japan. Fractions less than one yen resulting from the calculation shall be rounded up to a whole yen.
 - (ii) The amount of capital surplus increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be the amount obtained by subtracting the amount of the paid-in capital increase from the maximum amount of the capital increase, as described in (i) above.
 - (7) Restriction on acquisition of the Stock Acquisition Rights by transfer Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the Reorganized Company.

(8) Provisions pertaining to acquisition of the Stock Acquisition Rights The Stock Acquisition Rights do not contain the provisions pertaining to the acquisition of the Stock Acquisition Rights.	

Date of resolution	Ordinary General Meeting of Shareholders Meeting of the Board of	June 20, 2017	
	Directors	July 13, 2017	
Category and numbe the plan	r of individuals covered by	Employees of the Company: 78 Representative Directors of major subsidiaries of the Company: 10	
Number of Stock Ac	quisition Rights (Units)*	780 *	*1
Class of shares subje Rights*	ct to Stock Acquisition	Common stock	
Rights (Shares)*	bject to Stock Acquisition	78,000 *	*2
Amount to be paid in Acquisition Rights*	to exercise Stock	¥1 per share	
_	Stock Acquisition Rights*	From August 1, 2020 to July 31, 2025	
_	additional paid-in capital t of issuance of shares upon quisition Rights*	Issue price ¥1 * Additional paid-in capital per share ¥1	*3
Conditions for exercing Rights*	ising the Stock Acquisition	If a holder of Stock Acquisition Rights who is a Director, Audit & Supervisory Board Member, or employee of the Company, or Director, Audit & Supervisory Board Member or employee of a subsidiary or affiliate of the Company, lose all their respective status set above, that person is able to exercise the Stock Acquisition Rights only within three (3)year period from the date they lost such position; provided, however, that the period shall not exceed the original exercise period for the Stock Acquisition Rights described above, and other terms and conditions concerning the exercise of Stock Acquisition Rights shall be decided at the contracts to be executed by and between the Company and the holders of the Stock Acquisition Rights.	ses
Transfer of the Stock	Acquisition Rights*	Acquisition of the Stock Acquisition Rights by transfer shal be required to be approved by the resolution of the Company's Board of Directors.	11
Matters relating to gr Rights in association restructuring actions	-	*	*4

^{*}These items indicate the status as of the end of the fiscal year (March 31, 2022). The items which were changed between the end of the fiscal year and the end of month previous to the filing month (May 31, 2022) are indicated in the bracket "[]". Other items have not been changed since the end of the fiscal year.

Notes:

- 1. The number of shares subject to one Stock Acquisition Right shall be 100 shares.
- 2. If the Company effects a stock split of its common stock (including allotment of its common stock to shareholders without consideration; the same applies hereinafter) or effects a stock consolidation, the number of shares granted subject to one Stock Acquisition Right shall be adjusted proportionately, in accordance with the ratio of the stock split or the stock consolidation in question. Also, if it is necessary to adjust the number of shares granted after June 20, 2017 for other reasons than the aforementioned, the Company shall properly adjust the number of shares granted in connection with the aforementioned Stock Acquisition Rights to the extent reasonable. Fractions of less than one share resulting from the foregoing adjustment shall be rounded down.

- 3. If the Stock Acquisition Rights are exercised, new shares shall not be issued, but treasury stock shall be allotted.
- 4. Policy for decision on extinguishment of Stock Acquisition Rights in organizational restructuring and details of granting Stock Acquisition Rights of reorganized company In the event where the Company engages in any merger (limited to a case where the Company ceases to exist as a result of the merger), a corporate split in which a division of the Company is merged into an existing company, a corporate split in which a division of the Company is spun off to establish a new company (for both, limited to cases where the Company is split up), or an exchange or transfer of shares (for both, limited to cases where the Company becomes a wholly-owned subsidiary) (collectively "Restructuring Actions"), each person holding the remaining Stock Acquisition Rights at the time the Restructuring Actions take effect (hereinafter "Remaining Stock Acquisition Rights") shall respectively be granted the Stock Acquisition Rights of the relevant stock companies set forth in Article 236, Paragraph 1, Item 8 (a) through (e) inclusive of the Companies Act of Japan (hereinafter "Reorganized Company"). In this event, the Remaining Stock Acquisition Rights shall become null and void and the Reorganized Company shall issue new Stock Acquisition Rights. However, the new Stock Acquisition Rights shall be granted, only if provisions for granting them in accordance with the following items are included as conditions in a merger agreement (in which the Company is merged into a Reorganized Company or a Reorganized Company is established as the result of the merger), a corporate split agreement (in which a division of the Company is merged into a Reorganized Company), a plan for a corporate split (in which a division of the Company is spun off to establish a Reorganized Company), a share exchange agreement, or a plan for transfer of shares (in both of which the Company becomes a fully-owned subsidiary of a Reorganized Company).
 - (1) Number of the Stock Acquisition Rights of a Reorganized Company to be granted Each holder of the Remaining Stock Acquisition Rights shall be granted the Stock Acquisition Rights of the Reorganized Company of which the number is equivalent to the number of such Rights held by such holder at the time the Restructuring Actions take effect.
 - (2) Class of shares of the Reorganized Company subject to the Stock Acquisition Rights

 The class of shares subject to the Stock Acquisition Rights shall be the common stock of the Reorganized

 Company.
 - (3) Number of shares of the Reorganized Company subject to the Stock Acquisition Rights
 The number of shares shall be determined in accordance with Note 2. above, after taking into
 consideration the conditions or other factors concerning the Restructuring Actions.
 - (4) Amount of assets to be paid upon the exercise of the Stock Acquisition Rights

 The amount of assets to be paid upon exercise of newly granted Stock Acquisition Rights shall be the
 amount obtained by multiplying ¥1 per share by the number of shares to be issued for each acquisition
 right as determined in (3) above.
 - (5) Exercise period for the Stock Acquisition Rights

 The exercise period shall begin on either the first date of the exercise period for the Stock Acquisition
 Rights stipulated in the table above, or the date that the Restructuring Actions take effect, whichever
 comes later, and shall continue to the expiration date of the exercise period for the Stock Acquisition
 Rights stipulated in the table above.
 - (6) Increase in paid-in capital and capital surplus in the event of the issuance of shares upon exercise of the Stock Acquisition Rights
 - (i) The amount of paid-in capital increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be 1/2 of the maximum amount of capital increase, calculated in accordance with Article 17, Paragraph 1 of Corporate Accounting Regulations of Japan. Fractions less than one yen resulting from the calculation shall be rounded up to a whole yen.
 - (ii) The amount of capital surplus increase in the event of the issuance of shares upon exercise of the Stock Acquisition Rights shall be the amount obtained by subtracting the amount of the paid-in capital increase from the maximum amount of the capital increase, as described in (i) above.
 - (7) Restriction on acquisition of the Stock Acquisition Rights by transfer Acquisition of the Stock Acquisition Rights by transfer shall be required to be approved by the Reorganized Company.

- (8) Provisions pertaining to acquisition of the Stock Acquisition Rights

 The Stock Acquisition Rights do not contain the provisions pertaining to the acquisition of the Stock Acquisition Rights.
- (ii) Rights plan Not applicable.
- (iii) Other stock acquisition rights, etc.

Not applicable.

(3) Exercises, etc., of moving strike convertible bonds, etc.

Not applicable.

(4) Changes in number of issued shares, capital stock, etc.

Date	Changes in number of issued shares (Shares)	Balance of number of issued shares (Shares)	Changes in capital stock (Millions of yen)	Balance of capital stock (Millions of yen)	Changes in legal capital surplus (Millions of yen)	Balance of legal capital surplus (Millions of yen)
September 3, 2018 *1	284,800	972,252,460	441	70,561	441	140,581
September 2, 2019 *2	328,770	972,581,230	412	70,973	412	140,993
September 1, 2020 *3	306,380	972,887,610	348	71,322	348	141,341
September 1, 2021 *4	258,190	973,145,800	355	71,678	355	141,697

Notes:

1) Due to the allotment to third parties with consideration for the purpose of the payment of the restricted stock compensation implemented.

Issue price per share \$ \$ 3,098 Increase of capital per share \$ \$ 1,549

Subject persons of allotment Directors (excluding Outside Directors) and employees of the Company, and

the Directors and employees of subsidiaries of the Company, totaling 87

persons

2) Due to the allotment to third parties with consideration for the purpose of the payment of the restricted stock

compensation implemented.

Issue price per share \$\$\\ 2,507.5
Increase of capital per share \$\$\\ \$\$1,253.75

Subject persons of allotment Directors (excluding Outside Directors) and employees of the Company, and

the Directors and employees of subsidiaries of the Company, totaling 89

persons

3) Due to the allotment to third parties with consideration for the purpose of the payment of the restricted stock

compensation implemented.

Issue price per share $$\pm 2,275$$ Increase of capital per share $$\pm 1,137.5$$

Subject persons of allotment Directors (excluding Outside Directors) and employees of the Company, and

the Directors and employees of subsidiaries of the Company, totaling 87

persons

4) Due to the allotment to third parties with consideration for the purpose of the payment of the restricted stock

compensation implemented.

Issue price per share $$\pm 2,754.5$ Increase of capital per share $$\pm 1,377.25$

Subject persons of allotment Directors (excluding Outside Directors) and employees of the Company, and

the Directors and employees of subsidiaries of the Company, totaling 85

persons

(5) Shareholding by shareholder category

(As of March 31, 2022)

	Status of shares (1 unit = 100 shares)						GI I		
Category	National and	Financial	Financial instruments Other		Foreign shareholders		Individuals	T 4 1	Shares less than one unit
	local governments	institutions	business operators	corporations	Other than individuals	Individuals	and others	Total	(Shares)
Number of shareholders	2	177	54	1,387	930	121	168,620	171,291	-
Number of shares held (Units)	600	3,334,891	419,468	193,576	4,068,935	540	1,706,728	9,724,738	672,000
Shareholding ratio (%)	0.00	34.29	4.31	1.99	41.84	0.00	17.55	100.00	-

- 1) 27,379,507 shares of treasury stock held by the Company are included in "Individuals and others" and "Share less than one unit" in the table. These amounts are 273,795 units and 7 shares, respectively.
- 2) The shares registered in the name of the Japan Securities Depository Center, Incorporated are included in "Other corporations" and "Share less than one unit" in the table. These amounts are 70 units and 16 shares, respectively.
- 3) The figures of "Shareholding ratio" in the table have been rounded down to the second decimal place.

(6) Major shareholders

(As of March 31, 2022)

Name	Address	Number of shares held (Thousands of - shares)	Shareholding ratio (excluding treasury stock) (%)
The Master Trust Bank of Japan, Ltd. (Trust Account)	2-11-3, Hamamatsuchou, Minato-ku, Tokyo, Japan	167,187	17.67
Custody Bank of Japan, Ltd. (Trust Account)	1-8-12, Harumi, Chuo-ku, Tokyo, Japan	61,205	6.47
Taiyo Life Insurance Company	2-7-1, Nihonbashi, Chuo-ku, Tokyo, Japan	27,200	2.87
State Street Bank West Client - Treaty 505234 (Standing proxy: Mizuho Bank, Ltd., Settlement & Clearing Services Division)	1776 Heritage Drive, North Quincy, MA 02171, U.S.A. (2-15-1, Konan, Minato-ku, Tokyo, Japan)	26,150	2.76
Nippon Life Insurance Company (Standing proxy: The Master Trust Bank of Japan, Ltd.)	1-6-6, Marunouchi, Chiyoda-ku, Tokyo, Japan (2-11-3, Hamamatsuchou, Minato-ku, Tokyo, Japan)	21,301	2.25
The Bank of New York Mellon as Depositary Bank for Depositary Receipt Holders (Standing proxy: Sumitomo Mitsui Banking Corporation)	240 Greenwich Street, 8th Floor West, New York, NY. 10286 U.S.A. (1-1-2, Marunouchi, Chiyoda-ku, Tokyo, Japan)	20,953	2.21
JP Morgan Securities Japan Co., Ltd.	2-7-3, Marunouchi, Chiyoda-ku, Tokyo, Japan	16,127	1.70
State Street Bank and Trust Company 505223 (Standing proxy: Mizuho Bank, Ltd., Settlement & Clearing Services Division)	P.O. Box 351 Boston Massachusetts 02101 U.S.A. (2-15-1, Konan, Minato-ku, Tokyo, Japan)	13,765	1.45
JP Morgan Chase Bank 385632 (Standing proxy: Mizuho Bank, Ltd., Settlement & Clearing Services Division)	25 Bank Street, Canary Wharf, London, E14 5JP, United Kingdom (2-15-1, Konan, Minato-ku, Tokyo, Japan)	13,598	1.43
Komatsu Employees Shareholding Association	2-3-6, Akasaka, Minato-ku, Tokyo, Japan	11,930	1.26
Total	-	379,420	40.11

- 1) The figures of "Shareholding ratio (excluding treasury stock) (%)" in the table are rounded down to the second decimal place.
- 2) 27,379,000 shares of treasury stock held by the Company are excluded from the list.
- 3) All shares held by The Master Trust Bank of Japan, Ltd. (Trust Account) and Custody Bank of Japan, Ltd. (Trust Account) are held through trusts.

4) The Change Report No.3 pertaining to Report of Possession of Large Volume relating to the Company's shares was filed in the joint names of Nomura Securities Co., Ltd. and two joint holders at the date of July 21, 2020 under the Financial Instruments and Exchange Act of Japan. However, the description in the table is as the same with that in the shareholders' list of the Company and does not reflect the information in the Report, because the Company is not able to confirm the actual state of shareholdings as of March 31, 2022. The major content of the report is as follows:

Name, address and number of shares held (As of July 15, 2020)

Name	Address	Number of shares held (Shares)	Shareholding ratio (%)
Nomura Securities Co., Ltd.	1-9-1, Nihonbashi, Chuo-ku, Tokyo, Japan	1,848,610	0.19
Nomura International PLC	1 Angel Lane, London EC4R 3AB, United Kingdom	2,903,427	0.30
Nomura Asset Management Co., Ltd.	2-2-1, Toyosu, Koto-ku, Tokyo, Japan	56,223,700	5.78
Total	_	60,975,737	6.27

5) The Report of Possession of Large Volume relating to the Company's shares was filed in the joint names of Sumitomo Mitsui Trust Asset Management Co., Ltd. and Nikko Asset management Co., Ltd. at the date of September 23, 2020 under the Financial Instruments and Exchange Act of Japan. However, the description in the table is as the same with that in the shareholders' list of the Company and does not reflect the information in the Report, because the Company is not able to confirm the actual state of shareholdings as of March 31, 2022. The major content of the report is as follows:

Name, address and number of shares held (As of September 15, 2020)

Name	Address	Number of shares held (Shares)	Shareholding ratio (%)
Sumitomo Mitsui Trust Asset Management Co., Ltd.	1-1-1 Shibakoen, Minato-ku, Tokyo, Japan	29,750,700	3.06
Nikko Asset management Co., Ltd.	9-7-1, Akasaka, Minato-ku, Tokyo, Japan	21,060,300	2.16
Total	_	50,811,000	5.22

6) The Change Report No.2 pertaining to Report of Possession of Large Volume relating to the Company's shares was filed in the joint names of BlackRock Japan Co., Ltd. and nine joint holders at the date of August 19, 2021 under the Financial Instruments and Exchange Act of Japan. However, the description in the table is as the same with that in the shareholders' list of the Company and does not reflect the information in the Report, because the Company is not able to confirm the actual state of shareholdings as of March 31, 2022. The major content of the report is as follows:

Name, address and number of shares held (As of August 13, 2021)

Name	Address	Number of shares held (Shares)	Shareholding ratio (%)
BlackRock Japan Co., Ltd.	1-8-3, Marunouchi, Chiyoda-ku, Tokyo, Japan	14,015,768	1.44
Aperio Group, LLC	Suite 204, Three Harbour Drive, Sausalito, California, U.S.A.	998,750	0.10
BlackRock Advisers, LLC	251 Little Falls Drive, Wilmington, Delaware, U.S.A.	11,994,054	1.23
BlackRock Investment Management LLC	251 Little Falls Drive, Wilmington, Delaware, U.S.A.	2,140,311	0.22
BlackRock (Netherlands) BV	1 Amstelplein, HA1096, Amsterdam, Kingdom of the Netherlands	3,310,036	0.34
BlackRock Fund Managers Limited	12 Throgmorton Avenue, London, U.K.	2,856,128	0.29
BlackRock Asset Management Ireland Limited	1st Floor, 2 Ballsbridge Park, Ballsbridge, Dublin, Ireland	6,084,662	0.63
BlackRock Fund Advisors	400 Howard Street, San Francisco, CA, U.S.A.	13,474,600	1.39
BlackRock Institutional Trust Company, N.A.	400 Howard Street, San Francisco, CA, U.S.A.	13,068,702	1.34
BlackRock Investment Management (UK) Limited	12 Throgmorton Avenue, London, U.K.	1,793,955	0.18
Total	_	69,736,966	7.17

(7) Voting rights

(i) Issued shares

(As of March 31, 2022)

Classification	Number of shar	Number of shares (Shares)		Description
Shares without voting rights		-	-	-
Shares with restricted voting rights (treasury stock, etc.)		-	-	-
Shares with restricted voting rights (others)		-	-	-
Shares with full voting rights (treasury stock, etc.)	(treasury stock) Common shares	27,379,500	-	This is the standard of the Company's shares, whose holders have unlimited rights. The number of shares constituting one unit is 100 shares.
	(reciprocally held sh Common shares	ares) 989,300	-	Same as above
Shares with full voting rights (others)	Common shares	944,105,000	9,441,050	Same as above
Shares less than one unit	Common shares	672,000	-	Same as above
Number of issued shares		973,145,800		-
Total number of voting rights		-	9,441,050	-

Note: "Shares with full voting rights (others)" include the shares registered in the name of Japan Securities Depository Center, Incorporated. The amount is 7,000 shares (70 voting rights).

(As of March 31, 2022)

		1	(713	on March 51, 2022)
Name of shareholders, address	Number of shares held under own name (Shares)	Number of shares held under the names of others (Shares)	Total shares held (Shares)	Ownership percentage to the total number of issued shares (%)
The Company	25 250 500		25.250.500	• • •
2-3-6, Akasaka, Minato-ku, Tokyo, Japan	27,379,500	-	27,379,500	2.81
KOMATSU DOUTOU LTD.				
1-3-4, Nishinijuyonjokita, Obihiro City, Hokkaido,	300,000	-	300,000	0.03
Japan				
KOMATSU TOCHIGI LTD. *1				
38-12, Hiraidekougyodanchi, Utsunomiya City,	287,000	12,700	299,700	0.03
Tochigi, Japan				
KOMATSU AKITA LTD. *1		01.500	01.500	0.00
9-48, Kawashiriokawamachi, Akita City, Akita, Japan	-	91,500	91,500	0.00
KOMATSU AWAJI LTD. *1		00.500	00.500	0.00
1-1-7, Kuwama, Sumoto City, Hyogo, Japan	-	90,500	90,500	0.00
KOMATSU SHIGA LTD.	72.500		52 500	0.00
2-12-14, Fudanotsuji, Higashiomi City, Shiga, Japan	72,500	-	72,500	0.00
TOCHIGI SHEARING LTD. *2		50,000	50,000	0.00
1-22, Owada, Moka City, Tochigi, Japan	-	58,900	58,900	0.00
KOMATSU SANIN LTD. *1	10.000	21 200	21 200	0.00
1876, Higashitsudacho, Matsue City, Shimane, Japan	10,000	21,200	31,200	0.00
KOMATSU IBARAKI LTD. *1		20.700	20.700	0.00
358-1, Yoshizawacho, Mito City, Ibaraki, Japan	-	29,700	29,700	0.00
HAMAMATSU KOMATSU FORKLIFT LTD.				
1-6-15, Sakuradai, Nishi-ku, Hamamatsu City,	6,000	-	6,000	0.00
Shizuoka, Japan				
SHIZUOKA KOMATSU FORKLIFT LTD.				
1-31-4, Kitamariko, Suruga-ku, Shizuoka City,	3,800	-	3,800	0.00
Shizuoka, Japan				
OITA KOMATSU FORKLIFT LTD.	2,000		2 000	0.00
4-2-12, Toyomi, Oita City, Oita, Japan	3,000	-	3,000	0.00
KOMATSU MIYAZAKI LTD. *1				
2957-12, Shimonaka, Sadowaracho, Miyazaki City,	-	2,200	2,200	0.00
Miyazaki, Japan				
YAMAGATA KOMATSU FORKLIFT LTD.				
1-2-1, Ryutsu-Center, Yamagata City, Yamagata,	300	-	300	0.00
Japan				
Total	28,062,100	306,700	28,368,800	2.91
	1			L

- 1) A registered shareholder described in "Number of shares held under the names of others" in the table is Komatsu Dealers' Shareholding Association (2-3-6, Akasaka, Minato-ku, Tokyo, Japan).
- 2) A registered shareholder described in "Number of shares held under the names of others" in the table is Komatsu Suppliers' Shareholding Association (2-3-6, Akasaka, Minato-ku, Tokyo, Japan).
- 3) The figures of "Ownership percentage to the total number of issued shares" for each shareholder are rounded down to the second decimal place. Accordingly, the sum of the amounts indicated in each row does not necessarily add up to the figure provided as "Total."

2. Acquisitions, etc. of Treasury Stock

Classes of shares, etc.

Acquisition of common stock in accordance with Article 155, Item 7 of the Companies Act of Japan, and Article 155, Item 8 of the Companies Act of Japan.

(1) Acquisitions by a resolution of the General Meeting of Shareholders Not applicable.

(2) Acquisitions by a resolution of the Board of Directors

Category	Number of shares (Shares)	Total amount (Yen)
Resolution of the Board of Directors meeting (May 18, 2021) (Acquisition period: May 19, 2021)	196,826	634,370,198
Treasury stock acquired before the fiscal year	_	_
Treasury stock acquired during the fiscal year*1	196,826	634,370,198
Total number and total value of remaining shares to be acquired by the resolution	_	_
Unexercised rate as of the end of the fiscal year (%)	_	_
Treasury stock acquired during the current period	_	_
Unexercised rate as of the filing date (%)	_	_

Notes:

- 1) Treasury stock acquired during the fiscal year consists of the purchase of shares constituting less than one unit of shares of untraceable shareholders as treasury stock.
- 2) Purchase price per share is the closing price of Komatsu's common stock on the Tokyo Stock Exchange, Inc. on the purchase date.

(3) Acquisitions not based on a resolution of the General Meeting of Shareholders or the Board of Directors

Category	Number of shares (Shares)	Total amount (Yen)
Treasury stock acquired during the fiscal year*1	5,187	15,154,464
Treasury stock acquired during the current period*2	888	2,669,867

- 1) Treasury stock acquired during the fiscal year consists of the purchase of shares constituting less than one unit of shares.
- 2) Treasury stock acquired during the current period does not include shares constituting less than one unit of shares purchased during the period from June 1, 2022 to the filing date of this Annual Securities Report.

(4) Disposals or holding of acquired treasury stock

	During the	fiscal year	During the current period*1			
Category	Number of shares (Shares)	Total disposal amount (Yen)	Number of shares (Shares)	Total disposal amount (Yen)		
Acquired treasury stock that was offered to subscribers for	_	_	_	_		
subscription						
Acquired treasury stock that was canceled	_	_	_	_		
Acquired treasury stock that was transferred due to merger, exchange of shares, issue of shares, or corporate split	_	-	_			
Acquired treasury stock that was disposed of in other ways						
(Exercise of stock options)*2 (Request for sale of shares less than one unit of shares)	141,800 193	141,800 512,696	4,900 93	4,900 300,390		
Number of treasury stock held	27,379,507	_	27,375,402	_		

- 1) The number of treasury stock held during the current period does not include shares disposed of through exercise of stock options or request for sale of shares less than one unit of shares during the period from June 1, 2022 to the filing date of this Annual Securities Report.
- 2) "Total disposal amount" in the table shows the total amount paid in on exercise of stock options.

3. Dividend Policy

The Company is working to secure a sound financial position and strengthen our competitiveness to sustainably increase its corporate value. Concerning cash dividends to shareholders, the Company maintains the policy of continuing stable dividends by comprehensively considering consolidated business results, future investment plans, cash flows and other related factors. Specifically, the Company has the policy of maintaining a consolidated payout ratio of 40% or higher. The Company distributes dividends twice a year (i.e., year-end dividends and interim dividends). The distribution of year-end dividends and interim dividends are to be resolved at the Ordinary General Meeting of Shareholders and the meeting of the Board of Directors, respectively.

Concerning cash dividends for the fiscal year, after considering consolidated business results for the fiscal year and future business prospects under its dividend policy, the Company is planning to set the fiscal year-end common stock dividend at ¥56 per share. Annual cash dividends for the 153rd fiscal year, including the interim dividend of ¥40 per share, are expected to amount to ¥96 per share.

The Company considers using its retained earnings for expanding its business and enhancing its operating structures by investing actively for its global operation activities, its development and introduction activities of new products which have technical competitiveness, etc.

The Company can declare an interim dividend once a fiscal year according to its Articles of Incorporation under Article 454, Paragraph 5 of the Companies Act of Japan.

Dividends for the 153rd fiscal year are as follows:

	Date of resolution	Total dividend amount (Millions of yen)	Dividend amount per share (Yen)
Resolutio	October 28, 2021 on of the meeting of the Board of Directors	37,828	40
Resolu	June 21, 2022 (planned) tion of the Ordinary General Meeting of Shareholders*	52,962	56

Note: These are the year-end dividends of the Company whose record date shall be March 31, 2022. These are proposed to be resolved at the Ordinary General Meeting of Shareholders of the Company to be held on June 21, 2022.

4. Corporate Governance, etc.

(1) Overview of corporate governance

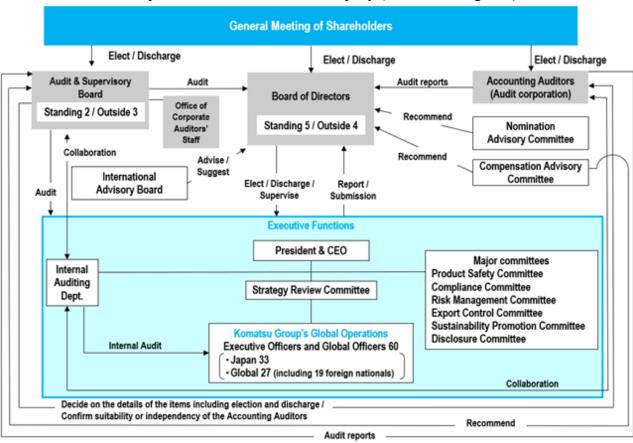
A. Basic stance on corporate governance

The Company believes its corporate value is the total sum of trust given to us by society and all stakeholders. To become a company which enjoys more trust from shareholders and all other stakeholders, the Company is working to strengthen corporate governance, improve management efficiency, advocate corporate ethics and ensure sound management on a group-wide basis. To further improve the transparency of management for its shareholders and investors, the Company discloses information in a fair and timely manner and actively engages in investor relations' activities by holding meetings with shareholders and investors.

B. Current Corporate Governance Structure

1. Overview of current corporate governance structure

Corporate Governance of the Company (As of the filing date)



At the Company, the Board of Directors is positioned as the core of corporate governance, and to improve the effectiveness of discussions at meetings of the Board of Directors, the Company has worked to put in place a system to ensure thorough discussions of important management matters and prompt decision making, and reform their operational aspect. Having introduced the Executive Officer (Shikko Yakuin) System in 1999, the Company has separated management decision making and supervisory functions from executive functions to the extent permitted by laws and regulations, and while appointing both Outside Directors and Outside Audit & Supervisory Board Members, limits the Board of Directors to a small number of members.

The Company holds Board of Directors' meetings periodically at least once every month. The Board of Directors deliberates and makes resolutions on important matters, determines management policies of Komatsu, and rigorously controls and supervises the execution of duties by all members of the executive management team including Representative Directors. Of the nine (9) Directors on the Board, four (4) are Outside Directors to ensure transparent and objective management.

The Company strives to make improvements to increase the effectiveness of the Board of Directors and conducts an annual evaluation and analysis of the effectiveness of the Board of Directors.

Furthermore, at least half of the five (5) Audit & Supervisory Board Members are Outside Audit & Supervisory Board Members. The Audit & Supervisory Board determines such matters as audit policies and the division of duties among Audit & Supervisory Board Members. Each Audit & Supervisory Board Member attends meetings of the Board of Directors and other important meetings and audits the execution of duties by Directors. Meetings of the Audit & Supervisory Board are in principle held periodically at least once every month, and the Board performs appropriate audits by such means as hearing reports from members of the executive management team on their execution of duties. The Company has also established the Office of Corporate Auditors' Staff to assist the Audit & Supervisory Board Members in their duties.

Note: The Company is going to propose the agendas of Election of nine (9) Directors and Election of one (1) Audit & Supervisory Board Member as the matters requiring a resolution by the 153rd Ordinary General Meeting of Shareholders scheduled for June 21, 2022. When the said agendas are approved, the Company will have nine (9) Directors (including four (4) Outside Directors), five (5) Audit & Supervisory Board Members (including three (3) Outside Audit & Supervisory Board Members), and four (4) Directors who concurrently serve executive functions.

To promote efficient management of the Board of Directors, the Company has established a Strategy Review Committee consisting of Senior Executive Officers and senior managers. Based on the reviews of the Committee, Executive Officers and senior managers execute their duties within the authority delegated by the Board of Directors.

As a means to supplement executive functions, the Company established the International Advisory Board (IAB) in 1995. Through the IAB, the Company aims to secure objective advice and suggestions from experts from Japan and abroad about how to function as a global company by exchanging opinions and holding discussions. The Nomination Advisory Committee, (As the ratio of outside members represents 66.7% of total), consisting of four (4) Outside Directors (one of them as Committee Chairperson), Chairperson of the Board and President, appoints the candidates for directors and auditors, and discusses appointment and discharge of executive officers and other senior management officers including President (CEO), and reports the results to the Board of Directors. When selecting the candidates, the Committee also considers diversity, as represented by gender, nationality and race. Based on the report, the Board of Directors discusses and decides appointments of the candidates for directors and Audit & Supervisory Board Members as well as appointments and discharges of executive and other officers. [Members of the Nomination Advisory Committee] Chairperson: Makoto Kigawa. Members: Takeshi Kunibe, Arthur M. Mitchell, Naoko Saiki, Tetsuji Ohashi and Hiroyuki Ogawa. (As of the filing date of this Annual Securities Report)

In an effort to maintain an objective and transparent remuneration system, the policy and levels of remuneration for Directors and Audit & Supervisory Board Members of the Company are deliberated by the Compensation Advisory Committee, which consists of eight (8) Outside Members [four (4) Outside Directors (including one (1) as the Chairperson of the Committee), three (3) Outside Auditors, and one (1) Outside Expert] and one (1) Internal Member (As the ratio of outside members represents 88.9% of total). Taking its reports and recommendations into consideration, the remuneration for Directors is determined by the Board of Directors, and the remuneration for Audit & Supervisory Board Members is determined by discussions by the Audit & Supervisory Board Members, respectively, within the range previously determined by resolution of the General Meeting of Shareholders. [Members of the Compensation Advisory Committee] Chairperson: Makoto Kigawa. Members: Takeshi Kunibe, Arthur M. Mitchell, Naoko Saiki, Hirohide Yamaguchi, Eiko Shinotsuka, Kotaro Ohno, Shinji Hatta and Tetsuji Ohashi. (As of the filing date of this Annual Securities Report)

Furthermore, the Company works to mitigate legal risks by securing timely advice from expert law offices regarding important legal issues.

2. Reason for adoption of the current corporate governance system

The Company organizes the above framework to ensure effective and adequate performance of matters related to decision making, management and supervision, such as separation of corporate management from business execution, enhancement of corporate management decision making by the Board of Directors, strict management and supervision of business execution, measures undertaken by Outside Directors to improve transparency and objectivity of management, and measures undertaken by the Audit & Supervisory Board to appropriately audit Directors' execution of duties.

- 3. Basic policy on internal control system and status of maintenance and development thereof With regards to systems for ensuring that the execution of duties by Directors complies with laws and regulations, and the Company's Articles of Incorporation, and other systems for ensuring the properness of operations, the details of the resolution of the Board of Directors of the Company are as follows:
- (1) Basic Policy on Internal Control

The Company defines its corporate value as the total sum of trust given to us by society and all stakeholders. To increase this corporate value, the Company recognizes the importance of strengthening corporate governance. The Company strives to maintain transparency and soundness of management by appointing Outside Directors and Outside Audit & Supervisory Board Members, while limiting the members of the Board of Directors small so that discussions at the Board of Directors are more substantial. The Company also does its utmost to improve the operation of the Board of Directors, aiming at more effective governance by the Board, ample discussions and quick decision making.

(2) Systems for Retention and Management of Information Related to Directors' Execution of Duties The Company shall adequately retain and manage important information related to Directors' execution of duties, including the record of Board meetings and other approved documents, as stipulated by laws and regulations, and the Company's internal rules.

(3) Rules and Other Systems for Risk Management

While continuing to make efforts to raise its corporate value, the Company recognizes the problems related to compliance, environment, product quality, accidents and information security in particular, and other matters, as major risks for continuous growth and has been thus implementing the following countermeasures.

- i) The Company shall establish Risk Management Rules to correctly recognize and manage risks. In accordance with the rules, the Company has appointed personnel in charge of individual risks, further promoting the build-up of a solid foundation for risk management.
- ii) The Company shall establish Risk Management Committee to devise risk management policies of Komatsu, evaluate risk measures in place, and take control of risks when they surface. The Risk Management Committee regularly reports its reviews and activities to the Board of Directors.
- iii) The Company shall establish an emergency headquarters when serious risks surface, and work to minimize damage(s) and implement appropriate measures.

(4) Systems for Ensuring Efficient Execution of Duties by Directors

To ensure the efficient execution of duties by Directors, the Company shall implement the following:

- i) The Board of Directors shall meet in principle at least once every month and more often as needed. It shall strive to maintain transparency and soundness of management through the participation of Outside Directors. It shall also establish the Regulations of the Board of Directors and the Standards for Agenda of Board Meetings, thereby clarifying the matters on which the Board of Directors should make decisions.
- ii) Together with the introduction of the Executive Officer System, the Company shall define the separation of duties for Directors, Executive Officers and senior managers, and set up internal rules including the Regulations of Decision-Making Authority, to ensure appropriate and effective execution of duties by Directors, Executive Officers and other senior managers.
- iii) To promote efficient management of the Board of Directors, the Company shall establish a Strategy Review Committee consisting of Senior Executive Officers and senior managers. Based on the reviews of the Committee, Executive Officers and senior managers execute their duties within the authority delegated by the Board of Directors.
- (5) Systems for Ensuring that the Execution of Duties by Directors and Employees Complies with Laws and Regulations, and the Company's Articles of Incorporation

The Board of Directors makes decisions on important management matters in accordance with laws and regulations and the Regulations of the Board of Directors. In accordance with the decisions made by the Board of Directors, each Director not only executes his or her own duties but also supervises employees for the execution of their duties, and reports the conditions thereof to the Board of Directors.

The Company shall establish the Compliance Committee to oversee compliance, and the Committee regularly reports its reviews and activities to the Board of Directors. The Company shall also establish a system to ensure Directors and employees thorough compliance to business rules as well as laws and regulations through a variety of measures, including the provision of Komatsu Code of Worldwide Business Conduct, appointment of the Executive Officer in charge of compliance, and establishment of the Compliance Department. Through all of these, we work to supervise, educate and train Directors, Audit & Supervisory Board Members and employees. In addition, the Company shall establish the internal reporting system where those who are discretely reporting questionable actions in light of laws and regulations and business rules will not be given any disadvantageous treatment.

- (6) Systems for Ensuring the Proper Operation of Komatsu Comprising the Company and Its Subsidiaries
 - i) The Company shall establish the Affiliated Company Regulations and relevant rules to contribute to proper and efficient operation of Group management. It shall also position the Komatsu Code of Worldwide Business Conduct, as the code to be applied by all companies affiliated with Komatsu. Each department or division of the Company in charge of affiliated companies shall manage and support each relevant company, and each company in Komatsu shall stipulate various regulations for the proper promotion of duties.
 - ii) The Company shall assign and dispatch persons for Directors and Audit & Supervisory Board Members of major affiliated companies as needed, in order to strengthen corporate governance on a group-wide basis and monitor their management.
 - iii) Important committees of the Company, including the Compliance Committee, Risk Management Committee and Export Control Committee, shall take actions with the entire Group in view, and allow representatives of affiliated companies to take part in their meetings on occasion.
 - iv) The Company shall make particularly important affiliated companies regularly report to the Board of Directors of the Company on the status of business, including risks and compliance.
 - v) The Internal Auditing Department of the Company shall audit each division of the Company and implement or supervise auditing of major affiliated companies that belong to Komatsu. It shall also monitor and instruct each affiliated company regarding internal control systems built by them in accordance with Company requirements and the appropriate operation. The Internal Auditing Department shall also regularly report to the Board of Directors and the Audit & Supervisory Board about the building, operational status and results of internal control systems across the Komatsu Group.

(6)-1 Systems for Ensuring Items Related to the Implementation of Duties by Directors and Other Employees at Subsidiaries are Reported to the Company

Each division/department of the Company that has affiliated companies under its supervision shall make each affiliated company report on the management status, financial status, and other important matters of management in accordance with the Affiliated Company Regulations and relevant rules.

(6)-2 Rules and Other Systems for Risk Management at Subsidiaries

The Company comprehensively manages risk across the Komatsu Group applying the risk management system explained in (3) Rules and Other Systems for Risk Management to the Komatsu Group as a whole.

- (6)-3 Systems for Ensuring Efficient Execution of Duties by Directors and Other Employees at Subsidiaries In the case where a subsidiary executes a matter that has a significant impact on the consolidated business operations of the Company, it is necessary either that the Company provides approval beforehand or that the Company receives notification of the matter beforehand in accordance with the Affiliated Company Regulations and relevant rules. In addition, to ensure the Company carries out the efficient operation of the entire Group based on a continual grasp of the status of the affiliated company's status of business execution, the Company receives reports on the affiliated company's standards for the agenda of board meetings, the frequency of board of directors meetings, the status of attendance, and agenda proposals.
- (6)-4 Systems for Ensuring that the Execution of Duties by Directors and Employees at Subsidiaries Complies with Laws and Regulations, and the Company's Articles of Incorporation

The internal control systems and compliance systems described in (5) Systems for Ensuring that the Execution of Duties by Directors and Employees Complies with Laws and Regulations, and the Company's Articles of Incorporation are implemented across the Komatsu Group, ensuring that Directors and employees of each company in Komatsu carry out their duties in accordance with laws and regulations and the Company's Articles of Incorporation.

(7) Employees Assisting Audit & Supervisory Board Members for Execution of Their Duties, When They Ask for Such Employees

The Company shall set up the Office of Corporate Auditors' Staff, which shall assist Audit & Supervisory Board Members in their duties, and allocate employees who work as assistants to Audit & Supervisory Board Members either exclusively or concurrently in another position within the Company.

- (8) Matters Regarding the Independence of the Assistants to Audit & Supervisory Board Members from Directors and the Effectiveness of Instructions Issued to the Assistants
 - i) Handling of personnel affairs (employment, appointment and personnel changes) of the employees who belong to the Office of Corporate Auditors' Staff shall be premised on approval of the Standing Audit & Supervisory Board Members.
 - ii) The employees who exclusively assist the Office of Corporate Auditors' Staff are independent of control and command of the Directors, and their performance shall be rated by the Standing Audit & Supervisory Board Members.
 - iii) The Company's Standing Audit & Supervisory Board Members shall hold regular meetings with employees of the Office of Corporate Auditors' Staff to confirm the execution of duties by the office.

- (9) Systems for Directors and Employees Reporting to Audit & Supervisory Board Members; Systems Relating to Other Reports to Audit & Supervisory Board Members and Ensuring Effective Audits by Audit & Supervisory Board Members
 - In accordance with laws and regulations, Audit & Supervisory Board Members shall receive reports by Directors, Executive Officers and other senior managers concerning the conditions of execution of their respective duties.
 - ii) In the event that Directors find a serious violation of laws and regulations or other important facts regarding compliance at the Company or affiliated companies of Komatsu, they shall report to the Audit & Supervisory Board Members immediately.
 - iii) The Audit & Supervisory Board Members shall attend various committees and principal meetings concerning internal control as observers, and also read circulars per management approval sent around to obtain the sanction of executives, which are important decision-making documents of the Company, and essential prior settlement documents.
 - iv) Audit & Supervisory Board Members may appoint legal counsels and other advisors needed for the execution of their duties.
- (9)-1 Systems to Ensure Reports from Directors, Audit & Supervisory Board Members and Employees of Subsidiaries are Passed, Directly or via a Person Receiving such Reports, to Audit & Supervisory Board Members of the Company

Audit & Supervisory Board Members shall attend as observers meetings of committees, including the Strategy Review Committee discussing important management matters of the Company and Group companies, Compliance Committee and Risk Management Committee, respectively discussing compliance matters and risk management matters, and Export Control Committee.

In accordance with the Affiliated Company Regulations and relevant rules, reports provided from affiliated companies regarding business operations, financial position and other important management matters are provided also to Audit & Supervisory Board Members.

The Company's Risk Management Rules and Internal Auditing Rules are applicable to affiliated companies and any important matter is reported to Audit & Supervisory Board Members.

(9)-2 Systems to Ensure Individuals who Provide Reports to Audit & Supervisory Board Members are not Given any Disadvantageous Treatment for the Provision Thereof

It is clearly stated in general rules on compliance regulated by the Company and each Group company that no disadvantageous treatment will arise from the act of reporting or informing, and the Company and each Group company shall operate in accordance with the aforesaid general rules.

(10) Advance Payments and Reimbursements for Expenses Incurred by Audit & Supervisory Board Members Executing Duties and Policy Related to Expenses or Debts Incurred by Executing Duties

The Audit & Supervisory Board, after discussion with the operating department, shall secure the necessary budget to implement audit plans approved by the Audit & Supervisory Board.

On receiving claims from Audit & Supervisory Board Members for expenses to be incurred related to the execution of their duties, the Company shall promptly pay expenses in all cases except where there is no clear connection with the execution of duties of the Audit & Supervisory Board Members.

Audit & Supervisory Board Members and employees assigned to the Office of Corporate Auditors' Staff shall be responsible for managing and implementing costs related to the execution of duties by Audit & Supervisory Board Members.

(11) Basic Policy Pertaining to the Elimination of Antisocial Forces

It shall be the basic policy of the Company to prohibit Komatsu from having any relation whatsoever with antisocial movements or groups that threaten the order and security of civil society, and the Company works on below.

- i) The above policy shall be provided in Komatsu Code of Worldwide Business Conduct and diffused throughout the Company as well as each company in Komatsu.
- ii) The Company's General Affairs Department of the Head Office shall oversee the policy, working with the police and other specialized external organizations, in accordance with the above policy, to take a firm and organized stand against unwarranted claims by antisocial movements or groups and to prevent any business relationship with those movements or groups.
- iii) The Company will do its utmost to collect information and receive education training from the above external organizations and use above information communally both within the Company and among related Group divisions.

4. Outline of contents of limited liability agreement

In accordance with the provisions of Article 427, Paragraph 1 of the Companies Act of Japan and the Articles of Incorporation, the Company has entered into agreements with Outside Directors and Audit & Supervisory Board Members that limit their liability for damages caused by their negligence of duty under Article 423, Paragraph 1 of the same. The maximum liability amount specified in these agreements shall be equivalent to those amounts stipulated by laws and regulations.

5. Outline of Contents of Company Indemnification Agreement

The Company has entered into a company indemnification agreement in accordance with the provisions of Article 430-2, Paragraph 1 of the Companies Act of Japan with Directors and Audit & Supervisory Board Members, thereby providing that the Company shall indemnify expenses set forth in Article 430-2, Paragraph 1, Item 1 of the same, and losses set forth in Article 430-2, Paragraph 1, Item 2 of the same, within the scope permitted by laws and regulations. However, in order to ensure that appropriate execution of duties by the Directors and Audit & Supervisory Board Members of the Company is not impaired due to such company indemnification agreement, a refund may be requested for a monetary sum equivalent to the indemnified amount if such Director or Audit & Supervisory Board Member violates the provisions of laws and regulations or otherwise incurs liability as a result of he or she having acted in bad faith or with gross negligence in regard to his or her execution of duties.

6. Outline of Contents of Directors and Officers Liability Insurance Policy

The Company has entered into a directors and officers liability insurance policy as provided for in Article 430-3, Paragraph 1 of the Companies Act of Japan with an insurance company, whereby those listed as insured persons include the Directors, Audit & Supervisory Board Members, and executive officers of the Company and its consolidated subsidiaries. The insurance policy covers damages which may arise should an insured person incur liability in relation to his or her execution of duties or otherwise become subject to a claim pertaining to pursuit of such liability. However, in order to ensure that the appropriate execution of duties by the insured persons is not impaired, coverage is not provided under certain circumstances such as when there are damages arising from an insured person's involvement in criminal acts or acts committed with the knowledge that they may violate laws and regulations, nor is coverage provided with respect to portions of amounts of damages not exceeding deductibles. Insurance premiums shall be assumed by the Company and its consolidated subsidiaries.

C. Articles of Incorporation of the Company

The following are prescribed by the Articles of Incorporation of the Company.

- 1) The Company shall have no more than fifteen (15) Directors.
- 2) A resolution for the election of a Director shall be adopted by a majority of the voting rights of the shareholders who are eligible to exercise the voting rights and who are present at the meeting, where the shareholders holding one-third (1/3) or more of the voting rights of all shareholders eligible to exercise the voting rights must be present.
- 3) Cumulative voting shall not be used in a resolution for the election of a Director.
- 4) To ensure a quorum can be secured, when a special resolution is required, resolutions made pursuant to Article 309, Paragraph 2 of the Companies Act of Japan shall be adopted by two-thirds (2/3) or more of the voting rights of the shareholders who are eligible to exercise the voting rights and who are present at the meeting,

- where the shareholders holding one-third (1/3) or more of the voting rights of all shareholders eligible to exercise the voting rights must be present.
- 5) To enable the execution of flexible capital policy to respond to changes in the business environment, pursuant to the provisions of Article 165, Paragraph 2 of the Companies Act of Japan, the Company may acquire its own shares through transactions on the market, etc., by a resolution of the Board of Directors.
- 6) To ensure Directors and Audit & Supervisory Board Members can fully perform the role expected of them, in accordance with the provisions of Article 426, Paragraph 1 of the Companies Act of Japan, the Company may, by a resolution of the Board of Directors, exempt a Director or an Audit & Supervisory Board Member from his/her liability for damages caused by his/her dereliction of duty, within the limits stipulated by laws or regulations.
- 7) To provide flexible redistribution of profits to shareholders, the Company may distribute interim dividends, by a resolution of the Board of Directors, by setting the record date as of September 30 of each year.

(2) Board of Directors and Audit & Supervisory Board Members

A. List of Board of Directors and Audit & Supervisory Board Members

1. The Board of Directors and Audit & Supervisory Board Members of the Company as of June 20, 2022 (As of the filing date of this Annual Securities Report) are shown as below.

Male: twelve (12) persons, Female: two (2) persons (percentage of the female: 14.3 %)

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
Chairman of the Board	Tetsuji Ohashi	Mar. 23, 1954	Apr. 1977 Jun. 1982 Oct. 1998 Oct. 2001 Jan. 2004 Apr. 2007 Apr. 2008 Jun. 2009 Apr. 2012 Apr. 2013 Apr. 2019 Apr. 2022	Product Control Section, Planning & Coordination Department of Awazu Plant Graduate School, Stanford University, U.S.A. (until Jun. 1984) General Manager of Planning & Cooperation Department of Awazu Plant, Production Division Plant Manager of Moka Plant, Production Division President and COO of Komatsu America Corp. Took office as Executive Officer of the Company President of Production Division Took office as Senior Executive Officer Took office as Director and Senior Executive Officer Took office as President and Representative Director, and CEO Took office as Chairman of the Board and Representative Director Took office as Chairman of the Board (current)	*4	191
President and Representative Director and CEO	* Hiroyuki Ogawa	Mar. 23, 1961	Apr. 2004 Apr. 2007 Apr. 2010 Apr. 2010 Apr. 2013 Apr. 2014 Apr. 2015 Apr. 2016 Apr. 2018 Jun. 2018 Apr. 2019	Joined the Company Production Engineering Section, Production Engineering Department of Kawasaki Plant Plant Manager of Chattanooga Manufacturing Operation, Komatsu America Corp. General Manager of Planning & Coordination Department of Osaka Plant, Production Division Took office as Executive Officer Plant Manager of Ibaraki Plant, Production Division President of Procurement Division in Production Division Representative of All Indonesia Operations Chairman of PT Komatsu Marketing & Support Indonesia (until Mar. 2016) Took office as Senior Executive Officer President of Production Division Took office as Senior Executive Officer Took office as President and Representative Director (current) CEO (current)	*4	94

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
Representative Director	* Masayuki Moriyama	Feb. 5, 1960	Jul. 1988 Mar. 2000 Apr. 2010 Apr. 2010 Apr. 2014 Apr. 2015 Apr. 2017 Apr. 2018 Jun. 2019 Apr. 2022	Took office as Executive Officer of the Company General Manager of Construction Equipment Technical Center 1, Development Division President and COO of Komatsu America Corp. Took office as Senior Executive Officer President of Mining Business Division (current) Took office as Senior Executive Officer Took office as Director and Senior Executive Officer Took office as Representative Director and Senior	*4	72
Representative Director	* Kiyoshi Mizuhara	Jan. 13, 1960	Apr. 1983 Sep. 1988 Mar. 1997 Apr. 2008 Apr. 2011 Apr. 2013 Apr. 2017 Apr. 2017 Apr. 2019 Jun. 2019 Apr. 2021 Apr. 2022	Germany GmbH) (until Mar. 2003) General Manager of Business Control Department, Construction & Mining Equipment Marketing Division General Manager of Construction Equipment Corporate Planning Department, Construction & Mining Equipment Marketing Division Took office as Executive Officer Representative of All India Operations President of Komatsu India Pvt. Ltd. Took office as Senior Executive Officer President of Construction Equipment Marketing Division Took office as Senior Executive Officer Took office as Director and Senior Executive Officer CMO and President, Construction Equipment Solution Division Took office as Representative Director and Senior Executive Officer (current)	*4	55

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
Director	* Takeshi Horikoshi	Aug. 1, 1961	Apr. 1985 Feb. 1996 Sep. 1998 Nov. 2008 Jun. 2012 May. 2016 Apr. 2017 Apr. 2018 Apr. 2020 Jun. 2021	Took office as Executive Officer	*4	31
Director	Makoto Kigawa	Dec. 31, 1949	Apr. 1973 Apr. 2004 Mar. 2005 Apr. 2005 Jun. 2005 Nov. 2005 Apr. 2006 Jun. 2006 Mar. 2007 Apr. 2011 Apr. 2015 Jun. 2016 Apr. 2018 Apr. 2019 Jun. 2019	Joined the Fuji Bank, Limited (currently Mizuho Bank, Ltd.) Took office as Managing Director, Chief Risk Officer / Head of Risk Management Group, and Chief Human Resources Officer / Head of Human Resources Group of Mizuho Corporate Bank, Ltd. (currently Mizuho Bank, Ltd.) Retired from Mizuho Corporate Bank, Ltd. Joined Yamato Transport Co., Ltd. (currently Yamato Holdings Co., Ltd.) Took office as Managing Director Took office as Representative Managing Director of Yamato Holdings Co., Ltd Took office as Representative Director and Managing Executive Officer Took office as Representative Director and Senior Managing Executive Officer Took office as Representative Director and Executive Officer Took office as Representative Director, President and Executive Officer of Yamato Transport Co., Ltd. Took office as Representative Director, President and Executive Officer of Yamato Holdings Co., Ltd. Took office as Chairman of the Board and Representative Director of Yamato Holdings Co., Ltd. Took office as Director of the Company (current) Took office as Director and Chairman of Yamato Holdings Co., Ltd. Director of Yamato Holdings Co., Ltd. Took office as Special Adviser of Yamato Holdings Co., Ltd.	*4	1

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
Director	Takeshi Kunibe	Mar. 8, 1954	Apr. 1976 Jun. 2003 Oct. 2006 Apr. 2007 Jun. 2007 Apr. 2011 Apr. 2017 Apr. 2017 Apr. 2017 Jun. 2017 Apr. 2019 Jun. 2020 Oct. 2021	Joined The Sumitomo Bank, Ltd. (currently Sumitomo Mitsui Banking Corporation, hereinafter the "SMBC") Took office as Executive Officer of SMBC Took office as Managing Executive Officer of SMBC Took office as Managing Executive Officer of SMBC Took office as Managing Executive Officer of Sumitomo Mitsui Financial Group, Inc. (hereinafter "SMFG") Took office as Director of SMFG Took office as Director and Senior Managing Executive Officer of SMBC Took office as Representative Director, President and Chief Executive Officer of SMBC Took office as Representative Director and President of SMFG Retired from Director of SMBC Took office as Director President and Representative Executive Officer of SMFG Took office as Chairman of the Board of SMFG (current) Took office as Chairman of the Board of SMBC	*4	-
Director	Arthur M. Mitchell	Jul. 23, 1947	Jul. 1976 Jan. 2003 Sep. 2007 Jan. 2008 Jan. 2008 Jun. 2020	Registered as attorney at law in New York State, U.S.A. (current) Took office as General Counsel of Asian Development Bank Joined White & Case LLP Registered as registered foreign lawyer in Japan(current) Registered foreign lawyer of White & Case LLP (current) Took office as Director of the Company (current)	*4	-
Director	Naoko Saiki	Oct. 11, 1958	Apr. 1982 Jul. 2014 Oct. 2015 Jul. 2017 Jan. 2019 Apr. 2020 Jun. 2021	Joined the Ministry of Foreign Affairs (hereinafter "MOFA") Took office as Director-General, Economic Affairs Bureau and Councillor, Cabinet Secretariat Took office as Director-General, International Legal Affairs Bureau Took office as Director-General, Foreign Service Training Institute, MOFA Retired from MOFA Took office as Visiting Professor, Graduate School of Public Policy, The University of Tokyo Took office as Director of the Company (current)	*4	-

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
			Apr. 1983 Jul. 1996	Joined the Company Shipping Section, Transportation Department, Export Sales Division Komatsu Hanomag GmbH (currently Komatsu Germany GmbH) (until Oct. 2003)		
Standing Audit	Terumi		Jun. 2011	General Manager of IFRS Implementation Department		
& Supervisory Board Member	Sasaki	Dec. 24, 1960	Sep. 2012	Vice President, Finance and Control of Komatsu America Corp.	*5	22
			Apr. 2017	Executive Vice President and CFO of Komatsu Mining Corp.		
			Apr. 2020 Jun. 2020	Advisor to President Took office as Standing Audit & Supervisory Board Member (current)		
			Apr. 1984	Joined the Company Legal Section, Administration Department		
			Jul. 1989 Apr. 2003	Graduate School, Cornell Law School, U.S.A. (until Jan. 1991) General Manager of Business Development		
			Apr. 2010	Department Took office as Executive Officer		
Standing Audit & Supervisory Board Member	Yasuhiro Inagaki	Aug. 21, 1961	Apr. 2010	General Manager of Business Development Department and General Manager of Legal Department	*6	49
			Apr. 2015 Apr. 2015	Took office as Senior Executive Officer General Manager of Business Coordination Department		
			Apr. 2018 Apr. 2021	Representative of All China Operations Advisor to President		
			Jun. 2021	Took office as Standing Audit & Supervisory Board Member (current)	ī	
Audit &			Apr. 1974 Oct. 2008 Mar. 2013	Joined the Bank of Japan (hereinafter "BOJ") Took office as Deputy Governor of BOJ Retired from BOJ		
Supervisory Board Member	Hirohide Yamaguchi	Mar. 6, 1951	Jul. 2013	Took office as Chairman of the Advisory Board of Nikko Financial Intelligence, Inc. (currently Nikko Research Center, Inc.) (current)	*7	-
			Jun. 2014	Took office as Audit & Supervisory Board Member of the Company (current)		
Audit & Supervisory	Eiko Shinotsuka	May. 1, 1942	Apr. 1993 Apr. 2008	Took office as professor at Ochanomizu University Took office as professor emeritus at Ochanomizu University (current)	*8	-
Board Member			Jun. 2015	Took office as Audit & Supervisory Board Member of the Company (current)		

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
Audit & Supervisory Board Member	Kotaro Ohno		Apr. 1976 Jul. 2009 Jul. 2012 Jul. 2014 Sep. 2016 Nov. 2016 Jun. 2017	Took office as Vice-Minister of Justice Took office as Superintending Prosecutor of Tokyo High Public Prosecutors Office Took office as Prosecutor-General of Supreme Public Prosecutors Office Retired from the position of Prosecutor-General of Supreme Public Prosecutors Office	*6	-
	Total					

- 1) Directors Makoto Kigawa, Takeshi Kunibe, Arthur M. Mitchell and Naoko Saiki are Outside Directors.
- 2) Audit & Supervisory Board Members Hirohide Yamaguchi, Eiko Shinotsuka and Kotaro Ohno are Outside Audit & Supervisory Board Members.
- 3) The Company introduced an executive officer system in June 1999. As of June 20, 2022, the Company has 50 officers including 4 persons simultaneously holding the position of director. Such persons have been marked with an asterisk above their names in the table.
- 4) The term of office of the Directors shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year of the Company ending within 1 year after the Ordinary General Meeting of Shareholders held on June 18, 2021.
- 5) The term of office of Audit & Supervisory Board Member Terumi Sasaki shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year ending within 4 years after the Ordinary General Meeting of Shareholders held on June 18, 2020.
- 6) The term of office of Audit & Supervisory Board Members Yasuhiro Inagaki and Kotaro Ohno shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year ending within 4 years after the Ordinary General Meeting of Shareholders held on June 18, 2021.
- 7) The term of office of Audit & Supervisory Board Member Hirohide Yamaguchi shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year ending within 4 years after the Ordinary General Meeting of Shareholders held on June 19, 2018.
- 8) The term of office of Audit & Supervisory Board Member Eiko Shinotsuka shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year ending within 4 years after the Ordinary General Meeting of Shareholders held on June 18, 2019.
- 9) The names of organizations and subsidiaries, etc., of the Company shown in the "Career summary" above present those at the time.

2. The Board of Directors and Audit & Supervisory Board Members of the Company will be as shown below, when the proposed items of "Election of nine (9) Directors" and "Election of one (1) Audit & Supervisory Board Member" will be resolved at the Ordinary General Meeting of Shareholders to be held on June 21, 2022. The table below also shows the proposed items, including titles and positions, to be resolved at the Board of Directors and Audit & Supervisory Board of the Company to be held immediately after the Ordinary General Meeting of Shareholders.

Male: twelve (12) persons, Female: two (2) persons (percentage of the female: 14.3%)

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
Chairman of the Board	Tetsuji Ohashi	Mar. 23, 1954	Apr. 1977 Jun. 1982 Oct. 1998 Oct. 2001 Jan. 2004 Apr. 2007 Apr. 2008 Jun. 2009 Apr. 2012 Apr. 2013 Apr. 2019 Apr. 2019	Joined the Company Product Control Section, Planning & Coordination Department of Awazu Plant Graduate School, Stanford University, U.S.A. (until Jun. 1984) General Manager of Planning & Cooperation Department of Awazu Plant, Production Division Plant Manager of Moka Plant, Production Division President and COO of Komatsu America Corp. Took office as Executive Officer of the Company President of Production Division Took office as Senior Executive Officer Took office as Director and Senior Executive Officer Took office as President and Representative Director, and CEO Took office as Chairman of the Board and Representative Director Took office as Chairman of the Board (current)	*4	191
President and Representative Director and CEO	* Hiroyuki Ogawa	Mar. 23, 1961	Apr. 2004 Apr. 2007 Apr. 2010 Apr. 2010 Apr. 2013 Apr. 2014 Apr. 2015 Apr. 2016 Apr. 2018 Jun. 2018 Apr. 2019	Chairman of PT Komatsu Marketing & Support Indonesia (until Mar. 2016) Took office as Senior Executive Officer President of Production Division Took office as Senior Executive Officer Took office as Director and Senior Executive Officer Took office as President and Representative Director (current)	*4	94

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
Representative Director	* Masayuki Moriyama	Feb. 5, 1960	Jul. 1988 Mar. 2000 Apr. 2010 Apr. 2014 Apr. 2015 Apr. 2017 Apr. 2018 Jun. 2019 Apr. 2022	Joined the Company Technology Management Department, Vehicle Development Center of Kawasaki Plant Graduate School, Cornell University, U.S.A. (until Jun. 1990) Komatsu America Corp. (until Mar. 2003) Took office as Executive Officer of the Company General Manager of Construction Equipment Technical Center 1, Development Division President and COO of Komatsu America Corp. Took office as Senior Executive Officer President of Mining Business Division (current) Took office as Senior Executive Officer Took office as Pirector and Senior Executive Officer Took office as Representative Director and Senior Executive Officer (current)	*4	72
Representative Director	* Kiyoshi Mizuhara	Jan. 13, 1960	Apr. 1983 Sep. 1988 Mar. 1997 Apr. 2008 Apr. 2011 Apr. 2013 Apr. 2017 Apr. 2017 Apr. 2017 Apr. 2019 Jun. 2019 Apr. 2021 Apr. 2022	Joined the Company General Sales Department, Export Sales Division Komatsu Dresser Company (currently Komatsu America Corp.) (until Mar. 1993) Komatsu Hanomag GmbH (currently Komatsu Germany GmbH) (until Mar. 2003) General Manager of Business Control Department, Construction & Mining Equipment Marketing Division General Manager of Construction Equipment Corporate Planning Department, Construction & Mining Equipment Marketing Division Took office as Executive Officer Representative of All India Operations President of Komatsu India Pvt. Ltd. Took office as Senior Executive Officer President of Construction Equipment Marketing Division Took office as Senior Executive Officer CMO and President, Construction Equipment Solution Division Took office as Representative Director and Senior Executive Officer (current) CMO (current)	*4	55

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
			Apr. 1985 Feb. 1996 Sep. 1998	Joined the Company Accounting Section, Administration Department of Osaka Plant Komatsu UK Ltd. Komatsu France S.A.S (until May. 2003)		
Director	* Takeshi Horikoshi	Aug. 1, 1961	Nov. 2008 Jun. 2012 May. 2016 Apr. 2017 Apr. 2018 Apr. 2020	Komatsu Europe International N.V. (until Nov. 2011) General Manager of Finance & Treasury Department General Manager of Corporate Controlling Department Took office as Executive Officer CFO (current) Took office as Senior Executive Officer	*4	31
			Jun. 2021	Took office as Director and Senior Executive Officer (current)		
Director	Takeshi Kunibe	Mar. 8, 1954	Apr. 2017 Apr. 2017	Joined The Sumitomo Bank, Ltd. (currently Sumitomo Mitsui Banking Corporation, hereinafter the "SMBC") Took office as Executive Officer of SMBC Took office as Managing Executive Officer of SMBC Took office as Managing Executive Officer of SMBC Took office as Managing Executive Officer of Sumitomo Mitsui Financial Group, Inc. (hereinafter "SMFG") Took office as Director of SMFG Took office as Director and Senior Managing Executive Officer of SMBC Took office as Representative Director, President and Chief Executive Officer of SMBC Took office as Representative Director and President of SMFG Retired from Director of SMBC Took office as Director President and Representative Executive Officer of SMFG Took office as Chairman of the Board of SMFG (current) Took office as Chairman of the Board of SMBC (current)	*4	-
Director	Arthur M. Mitchell	Jul. 23, 1947	Jul. 1976 Jan. 2003 Sep. 2007 Jan. 2008 Jan. 2008 Jun. 2020	Registered as attorney at law in New York State, U.S.A. (current) Took office as General Counsel of Asian Development Bank Joined White & Case LLP Registered as registered foreign lawyer (current) Registered foreign lawyer of White & Case LLP (current) Took office as Director of the Company (current)	*4	-

Title & Position	Name	Date of birth	Career summary		Term of office	Share ownership (Thousands of shares)
Director	Naoko Saiki	Oct. 11, 1958	Apr. 1982 Jul. 2014 Oct. 2015 Jul. 2017 Jan. 2019 Apr. 2020 Jun. 2021	Joined the Ministry of Foreign Affairs (hereinafter "MOFA") Took office as Director-General, Economic Affairs Bureau and Councillor, Cabinet Secretariat Took office as Director-General, International Legal Affairs Bureau Took office as Director-General, Foreign Service Training Institute, MOFA Retired from MOFA Took office as Visiting Professor, Graduate School of Public Policy, The University of Tokyo Took office as Director of the Company (current)	*4	
Director	Michitaka Sawada	Dec. 20, 1955	Apr. 1981 Jun. 2006 Jun. 2008 Jun. 2012 Jan. 2021 Jun. 2022	Joined Kao Soap Co., Ltd. (currently Kao Corporation) Took office as Executive Officer of Kao Corporation Took office as Director, Executive Officer of Kao Corporation Took office as Representative Director, President and Chief Executive Officer of Kao Corporation Took office as Director, Chair of Kao Corporation (current) Took office as Director of the Company (current)	*4	-

Title & Position	Name	Date of birth	Career summary		Term of office	Share ownership (Thousands of shares)
Standing Audit & Supervisory	Terumi Sasaki	Dec. 24, 1960	Apr. 1983	Joined the Company Shipping Section, Transportation Department, Export Sales Division		, i
			Jul. 1996	Komatsu Hanomag GmbH (currently Komatsu		
				Germany GmbH) (until Oct. 2003)		
			Jun. 2011	General Manager of IFRS Implementation		
				Department		
			Sep. 2012	Vice President, Finance and Control of Komatsu	*5	22
Board Member				America Corp.		
			Apr. 2017	Executive Vice President and CFO of Komatsu Mining		
				Corp.		
			Apr. 2020	Advisor to President		
			Jun. 2020	Took office as Standing Audit & Supervisory Board		
				Member (current)		
	Yasuhiro Inagaki	Aug. 21, 1961	Apr. 1984	Joined the Company Legal Section, Administration		
				Department		
			Jul. 1989	Graduate School, Cornell Law School, U.S.A. (until		
				Jan. 1991)		
			Apr. 2003	General Manager of Business Development		
				Department		
Standing Audit & Supervisory Board Member			Apr. 2010	Took office as Executive Officer		
			Apr. 2010	General Manager of Business Development		
				Department and General Manager of Legal	*6	49
				Department Control of		
			Apr. 2015	Took office as Senior Executive Officer		
			Apr. 2015	General Manager of Business Coordination		
			A 2010	Department CALLCL' O		
			Apr. 2018	Representative of All China Operations		
			Apr. 2021	Advisor to President		
			Jun. 2021	Took office as Standing Audit & Supervisory Board		
			Apr. 1993	Member (current) Took office as professor at Ochanomizu University		
Audit & Supervisory Board Member	Eiko Shinotsuka	May. 1, 1942	Apr. 1993 Apr. 2008	Took office as professor an Ochanomizu University Took office as professor emeritus at Ochanomizu		
			Apr. 2008	University (current)	*7	
			Jun. 2015	Took office as Audit & Supervisory Board Member of	′	
			Jun. 2013	the Company (current)		
	<u> </u>	L		the Company (current)		

Title & Position	Name	Date of birth		Career summary	Term of office	Share ownership (Thousands of shares)
Audit & Supervisory Board Member	Kotaro Ohno	Apr. 1, 1952	Apr. 1976 Jul. 2009 Jul. 2012 Jul. 2014	Appointed as Prosecutor Took office as Vice-Minister of Justice Took office as Superintending Prosecutor of Tokyo High Public Prosecutors Office Took office as Prosecutor-General of Supreme Public	*6	
			Sep. 2016	Prosecutors Office Retired from the position of Prosecutor-General of Supreme Public Prosecutors Office		-
			Nov. 2016 Jun. 2017	Attorney at law, Special Counsel of Mori Hamada & Matsumoto (current) Took office as Audit & Supervisory Board Member of the Company (current)		
Audit & Supervisory Board Member	Tatsuro Kosaka		Apr. 1976 Oct. 2002	Joined Chugai Pharmaceutical Co., Ltd. Took office as Vice President, General Manager of Corporate Planning Dept. of Chugai Pharmaceutical Co., Ltd.	*8	
			Oct. 2004	Took office as Senior Vice President, General Manager of Corporate Planning Dept. of Chugai Pharmaceutical Co., Ltd.		
			Mar. 2005	Took office as Senior Vice President, Deputy Managing Director of Sales & Marketing Group of Chugai Pharmaceutical Co., Ltd		
			Jul. 2005	Took office as Senior Vice President, Head of Strategic Marketing Unit of Chugai Pharmaceutical Co.,Ltd. Took office as Senior Vice President, Head of		
			Mar. 2010	Lifecycle Management & Marketing Unit of Chugai Pharmaceutical Co., Ltd. Took office as Director, Executive Vice President of		-
			Mar. 2012	Chugai Pharmaceutical Co., Ltd.		
			Mar. 2018 Mar. 2020	Took office as Representative Director, President & CEO of Chugai Pharmaceutical Co., Ltd. Took office as Representative Director, Chairman &		
			Mar. 2022 Jun. 2022	CEO of Chugai Pharmaceutical Co., Ltd. Took office as Senior Advisor (current) Took office as Audit & Supervisory Board Member of		
				the Company (current) Total		516

- 1) Directors Takeshi Kunibe, Arthur M. Mitchell, Naoko Saiki and Michitaka Sawada are Outside Directors.
- 2) Audit & Supervisory Board Members Eiko Shinotsuka, Kotaro Ohno and Tatsuro Kosaka are Outside Audit & Supervisory Board Members.
- 3) The Company introduced an executive officer system in June 1999. As of June 21, 2022, the Company has 50 officers including 4 persons simultaneously holding the position of director. Such persons have been marked with an asterisk above their names in the table.
- 4) The term of office of the Directors shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year of the Company ending within 1 year after the Ordinary General Meeting of Shareholders held on June 21, 2022.

- 5) The term of office of Audit & Supervisory Board Member Terumi Sasaki shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year ending within 4 years after the Ordinary General Meeting of Shareholders held on June 18, 2020.
- 6) The term of office of Audit & Supervisory Board Members Yasuhiro Inagaki and Kotaro Ohno shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year ending within 4 years after the Ordinary General Meeting of Shareholders held on June 18, 2021.
- 7) The term of office of Audit & Supervisory Board Member Eiko Shinotsuka shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year ending within 4 years after the Ordinary General Meeting of Shareholders held on June 18, 2019.
- 8) The term of office of Audit & Supervisory Board Member Tatsuro Kosaka shall expire at the conclusion of the Ordinary General Meeting of Shareholders for the last business year ending within 4 years after the Ordinary General Meeting of Shareholders held on June 21, 2022.
- 9) The names of organizations and subsidiaries, etc., of the Company shown in the "Career summary" above present those at the time.

B. Outside Directors and Outside Audit & Supervisory Board Members

The Company has four (4) Outside Directors and three (3) Outside Audit & Supervisory Board Members as of June 20, 2022 (As of the filing date of this Annual Securities Report).

Note: The Company is going to propose the agendas of Election of nine (9) Directors and Election of one (1) Audit & Supervisory Board Member as the matters requiring a resolution by the 153rd Ordinary General Meeting of Shareholders scheduled for June 21, 2022. When the said agendas are approved, the Company will have four (4) Outside Directors and three (3) Outside Audit & Supervisory Board Members.

Outside Directors of the Company perform their duty of contributing to the maintenance of management transparency and soundness by providing advice and suggestions based on their considerable insight and rich experience from an independent standpoint for proposed items and their discussions at the meetings of the Board of Directors. Outside Audit & Supervisory Board Members perform their duty of enforcing audit activities throughout the fiscal year based on the audit policy, audit plan, audit method and assignment of duties, which they discussed and decided at the meeting of the Audit & Supervisory Board in collaboration with Standing Audit & Supervisory Board Members, as well as provide comments as necessary based on their professional standpoint and rich experience at the meetings of the Board of Directors and of the Audit & Supervisory Board.

The Board of Directors of the Company has determined the independence standards for Outside Directors and Outside Audit & Supervisory Board Members as follows. Outside Directors Makoto Kigawa, Takeshi Kunibe, Arthur M. Mitchell and Naoko Saiki and Outside Audit & Supervisory Board Members Hirohide Yamaguchi, Eiko Shinotsuka and Kotaro Ohno are unlikely to have a conflict of interest with general shareholders, because there are no special interests between them and the Company. Accordingly, they are considered to be Independent Directors and Audit & Supervisory Board Members.

The Company's Independence Standards for Outside Directors and Outside Audit & Supervisory Board Members 1. Basic stance:

Independent Board Members are defined as Outside Board Members who have no potential conflict of interest with ordinary shareholders of the Company.

In the event that they are critically controlled by the top management of the Company or they can critically control the top management of the Company, they are deemed to have a conflict of interest with ordinary shareholders of the Company. Therefore, the Board of Directors determines that they have no independence from the Company.

2. Independence standards:

Based on '1. Basic stance' above, the Board of Directors determines an Outside Board Member who is listed below has no independence from the Company.

1) Person engaged in transactions or execution of business with the Company or its subsidiary as his/her major business partner

This is applicable to a business partner or a person engaged in business execution with the Company or its subsidiary, and the Company or its subsidiary can give significant influence on decision making of the concerned partner or person.

Through its departments engaged in business transactions with the companies where candidates for Outside Board Members are concurrently employed (or execute business thereof), the Company reviews the business relationship of these companies by making direct inquiries to the concerned companies and implementing other means, thereby evaluating their independence from the Company.

2) Main business partner of the Company or person engaged in business execution thereof

This is applicable to a business partner or a person engaged in business execution with the Company, and the concerned business partner or person engaged in business execution thereof can give significant influence on the Company's decision making. Specifically, in the event that the Company generates sales, revenues, etc. from its business with the concerned business partner, which account for a considerable portion of total sales, revenues, etc. of the Company, the Board of Directors of the Company determines the concerned business partner or person has no independence from the Company.

The Company discusses with its departments engaging in business with the companies where candidates for Outside Board Members are concurrently employed (or execute business thereof), and evaluates their independence from the

Company.

3) Consultant(s), certified public accountant(s), lawyer(s), or other professional(s) obtaining large amounts of money or other financial benefits, other than remunerations of Outside Board Members of the Company (when such financial benefits are obtained by an incorporated entity, this matter applies to a person belonging to such organization)

With respect to large amounts of money or other financial benefits, the Company determines independence in accordance with "large amounts of money or other financial benefits" stipulated in Article 74, Paragraph 4, Item 7, (d) or Article 76, Paragraph 4, Item 6, (d) of the Ordinance for Enforcement of the Companies Act of Japan. In the case that the concerned professional who obtains large amounts of money or other financial benefits belongs to an incorporated entity and that such organization depends heavily on fees paid by the Company, the Board of Directors determines the concerned professional has no independence from the Company.

- 4) Person who is applicable to any of 1) through 3) above for last one year
- 5) Spouse or relative in second degree of an important person among the following persons
- a. Person to whom 1) through 4) above are applicable
- b. Person engaged in business execution of subsidiaries of the Company
- c. Director engaged in non-business execution of subsidiaries of the Company (limited to determining Outside Audit & Supervisory Board Members)
- d. Person to whom b or c above is applicable for the past one year
- e. Person who engaged in business execution of the Company for the past one year
- f. Director of the Company engaged in non-business execution for the past one year (limited to determining Outside Audit & Supervisory Board Members)

The reasons for electing Outside Directors and Outside Audit & Supervisory Board Members of the Company as of June 20, 2022 (As of the filing date of this Annual Securities Report) are outlined below.

<Outside Directors>

Name (Month and year of taking office)	Important concurrent positions held in other organizations	Reason for appointment as Outside Director
Makoto Kigawa (June 2016)	Special Adviser of Yamato Holdings, Co., Ltd. Outside Director of Seven Bank, Ltd. Outside Director of Oki Electric Industry Co., Ltd. Outside Director of The Higo Bank, Ltd.	Having served as Representative Director of Yamato Holdings, Co., Ltd. and Yamato Transport Co., Ltd., Mr. Makoto Kigawa has considerable knowledge and rich experience in the business world, including use of ICT, business model innovation and so forth, and engaging in strategic and advanced corporate management, among others. Utilizing this knowledge and experience, his recommendations concerning the overall management of the Company are expected to contribute to appropriate monitoring of the management strategies of the Company, and to the enhancement of the Company's medium-and long-term corporate value. Therefore, the Company appointed him as an Outside Director. Mr. Makoto Kigawa is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Director and has submitted the relevant notification to the Tokyo Stock Exchange. Mr. Kigawa held the positions of Representative Managing Director, Representative Director and Managing Executive Officer, Representative Director and Executive Officer, Representative Director and Executive Officer, and Chairman of the Board and Representative Director of Yamato Holdings Co., Ltd. from November 2005 to April 2018. However, he currently has no involvement with the execution of business at Yamato Holdings Co., Ltd. The Company and its consolidated subsidiaries have transactions with Yamato Holdings Co., Ltd.'s subsidiaries, including Yamato Transport Co., Ltd. for payment of transportation expenses, etc. However, the amount of the payment is less than 0.1% of sum of the Company and its consolidated cost of sales and selling, general and administrative expenses of the Company and its consolidated subsidiaries for the most recent fiscal year. In addition, the amount of the payment is less than 0.1% of the consolidated operating revenue of Yamato Holdings Co., Ltd. for the most recent fiscal year.

Name (Month and year of taking office)	Important concurrent positions held in other organizations	Reason for appointment as Outside Director
Takeshi Kunibe (June 2020)	Chairman of the Board of Sumitomo Mitsui Financial Group, Inc. Chairman of the Board of Sumitomo Mitsui Banking Corporation Outside Member of the Board of TAISHO PHARMACEUTICAL HOLDINGS CO., LTD Outside Director (Audit and Supervisory Committee Member) of Nankai Electric Railway Co.,Ltd.	Mr. Takeshi Kunibe has considerable knowledge and rich experience in the business world, including the field of finance and group company management, etc., having served successively as Representative Director, President and Chief Executive Officer of SMBC, as well as Representative Director and President, Director President, Representative Executive Officer and Chairman of the Board of SMFG. Utilizing this knowledge and experience, his recommendations concerning the overall management of the Company are expected to contribute to sustaining and improving transparency and soundness of management as well as enhancing corporate governance. Therefore, the Company appointed him as an Outside Director. Mr. Takeshi Kunibe is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Director and has submitted the relevant notification to the Tokyo Stock Exchange. Mr. Kunibe serves as Chairman of the Board of Sumitomo Mitsui Financial Group, Inc. and Sumitomo Mitsui Banking Corporation. He also served as Representative Director, President and Chief Executive Officer of Sumitomo Mitsui Banking Corporation from April 2011 to April 2017, but has had no involvement in the execution of business at the said bank since his retirement in April 2017. Because the Company and its consolidated subsidiaries have several lenders and the said bank is only one lender among the several lenders of the Company and its consolidated subsidiaries, the said bank is not a business partner which has a significant impact on the Company's decision making. As of the end of the most recent fiscal year, the balance of loans from the said bank was JPY 182.8billion, which was 19.3% of the total amount of interest-bearing liabilities.
Arthur M. Mitchell (June 2020)	Registered foreign lawyer of White & Case LLP Outside Director of Sumitomo Mitsui Financial Group, Inc.	Mr. Arthur M. Mitchell has worked for many years as a New York state attorney and foreign law attorney in Japan, and has considerable knowledge and rich experience in the field of international legal affairs. Utilizing this knowledge and experience, his recommendations concerning the overall management of the Company are expected to contribute to the mitigation and avoidance of risk in the Company's global business operations, and to the enhancement of the Company's medium- and long-term corporate value. Therefore, the Company appointed him as an Outside Director. Mr. Arthur M. Mitchell is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Director and has submitted the relevant notification to the Tokyo Stock Exchange.
Naoko Saiki (June 2021)	Outside Director of Sojitz Corporation Outside Audit & Supervisory Board Member of Development Bank of Japan Inc.	Ms. Naoko Saiki has considerable knowledge and abundant experience in international affairs, international law, and the field of economics as she served in positions such as Director-General of Economic Affairs Bureau and Director-General of International Legal Affairs Bureau at MOFA. Utilizing this knowledge and experience, her recommendations concerning the overall management of the Company are expected to contribute to the enhancement of medium- to long-term corporate value of the Company. Therefore, the Company appointed her as an Outside Director. Ms. Naoko Saiki is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers her as an Independent Director and has submitted the relevant notification to the Tokyo Stock Exchange.

< Outside Audit & Supervisory Board Members>

Name (Month and year of taking office)	Important concurrent positions held in other organizations	Reasons for appointment as Outside Audit & Supervisory Board Members
Hirohide Yamaguchi (June 2014)	Chairman of the Advisory Board of Nikko Research Center, Inc. Outside Audit & Supervisory Board Member of Mitsui Fudosan Residential Co., Ltd.	Having served as Deputy Governor of the Bank of Japan, Mr. Hirohide Yamaguchi has been active internationally in the financial field and has considerable insight and rich experience in the finance world. Utilizing this insight and experience, the Company expects him to execute his duties as Outside Audit & Supervisory Board Member from the standpoint of a specialist. Therefore, the Company appointed him as an Outside Audit & Supervisory Board Member. Mr. Hirohide Yamaguchi is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Audit & Supervisory Board Member and has submitted the relevant notification to the Tokyo Stock Exchange.
Eiko Shinotsuka (June 2015)	Professor emeritus at Ochanomizu University	After engaging in research in economic fields at Japan Center for Economic Research, Ms. Eiko Shinotsuka, in addition to professor emeritus at Ochanomizu University, has the experience of having served as a member of the policy Board of the bank of Japan, Chairperson of the Cooperation Conference for the Gender Equality Promotion of the Cabinet Office, Executive Director of the Japan Legal Support Center and Commissioner of the National Personnel Authority, etc. and she has held numerous other official posts in public office up until now. Accordingly, she possesses wide-ranging knowledge and abundant experience, the Company expects her to execute her duties as Outside Audit & Supervisory Board Member from the standpoint of a specialist. Therefore, the Company appointed her as an Outside Audit & Supervisory Board Member. Ms. Eiko Shinotsuka is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers her as an Independent Audit & Supervisory Board Member and has submitted the relevant notification to the Tokyo Stock Exchange.
Kotaro Ohno (June 2017)	Attorney at law, Special Counsel of Mori Hamada & Matsumoto Outside Director of AEON Co., Ltd.	Having served as Prosecutor-General of the Supreme Public Prosecutors Office, Mr. Kotaro Ohno has considerable knowledge and abundant experience in the legal profession. Utilizing this knowledge and experience, the Company expects him to execute his duties as Outside Audit & Supervisory Board Member from the standpoint of a specialist. Therefore, the Company appointed him as an Outside Audit & Supervisory Board Member. Mr. Kotaro Ohno is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Audit & Supervisory Board Member and has submitted the relevant notification to the Tokyo Stock Exchange.

Note: The Company is going to propose the agendas of Election of nine (9) Directors and Election of one (1) Audit & Supervisory Board Member as the matters requiring a resolution by the 153rd Ordinary General Meeting of Shareholders scheduled for June 21, 2022. When the said agendas are approved, Outside Directors of the Company are following four (4) persons and Outside Audit & Supervisory Board Members of the Company are following three (3) persons.

<Outside Directors>

Name (Month and year of taking office)	Important concurrent positions held in other organizations	Reason for nomination as candidate for Outside Director
Takeshi Kunibe (June 2020)	Chairman of the Board of Sumitomo Mitsui Financial Group, Inc. Chairman of the Board of Sumitomo Mitsui Banking Corporation Outside Member of the Board of TAISHO PHARMACEUTICAL HOLDINGS CO., LTD Outside Director (Audit and Supervisory Committee Member) of Nankai Electric Railway Co.,Ltd.	Mr. Takeshi Kunibe has considerable knowledge and rich experience in the business world, including the field of finance and group company management, etc., having served successively as Representative Director, President and Chief Executive Officer of SMBC, as well as Representative Director and President, Director President, Representative Executive Officer and Chairman of the Board of SMFG. Utilizing this knowledge and experience, his recommendations concerning the overall management of the Company are expected to contribute to sustaining and improving transparency and soundness of management as well as enhancing corporate governance. Therefore, the Company nominates him as a candidate for Outside Director. Mr. Takeshi Kunibe is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Director and has submitted the relevant notification to the Tokyo Stock Exchange. Mr. Kunibe serves as Chairman of the Board of Sumitomo Mitsui Financial Group, Inc. and Sumitomo Mitsui Banking Corporation. He also served as Representative Director, President and Chief Executive Officer of Sumitomo Mitsui Banking Corporation from April 2011 to April 2017, but has had no involvement in the execution of business at the said bank since his retirement in April 2017. Because the Company and its consolidated subsidiaries have several lenders and the said bank is only one lender among the several lenders of the Company and its consolidated subsidiaries, the said bank is not a business partner which has a significant impact on the Company's decision making. As of the end of the most recent fiscal year, the balance of loans from the said bank was JPY 182.8billion, which was 19.3% of the total amount of interest-bearing liabilities.
Arthur M. Mitchell (June 2020)	Registered foreign lawyer of White & Case LLP Outside Director of Sumitomo Mitsui Financial Group, Inc.	Mr. Arthur M. Mitchell has worked for many years as a New York state attorney and foreign law attorney in Japan, and has considerable knowledge and rich experience in the field of international legal affairs. Utilizing this knowledge and experience, his recommendations concerning the overall management of the Company are expected to contribute to the mitigation and avoidance of risk in the Company's global business operations, and to the enhancement of the Company's medium- and long-term corporate value. Therefore, the Company nominates him as a candidate for Outside Director. Mr. Arthur M. Mitchell is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Director and has submitted the relevant notification to the Tokyo Stock Exchange.

Name (Month and year of taking office)	Important concurrent positions held in other organizations	Reason for nomination as candidate for Outside Director
Naoko Saiki (June 2021)	Outside Director of Sojitz Corporation Outside Audit & Supervisory Board Member of Development Bank of Japan Inc.	Ms. Naoko Saiki has considerable knowledge and abundant experience in international affairs, international law, and the field of economics as she served in positions such as Director-General of Economic Affairs Bureau and Director-General of International Legal Affairs Bureau at MOFA. Utilizing this knowledge and experience, her recommendations concerning the overall management of the Company are expected to contribute to the enhancement of medium- to long-term corporate value of the Company. Therefore, the Company nominates her as a candidate for Outside Director. Ms. Naoko Saiki is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers her as an Independent Director and has submitted the relevant notification to the Tokyo Stock Exchange.
Michitaka Sawada (June 2022)	Director, Chair of Kao Corporation Outside Director of Panasonic Holdings Corporation Outside Director of Nitto Denko Corporation	Mr. Michitaka Sawada has considerable knowledge and rich experience in the business world including that which involves engaging in global group corporate management and ESG management, given that he has served as Representative Director, President of Kao Corporation and Director, Chair of Kao Corporation. Utilizing this knowledge and experience, his recommendations concerning the overall management of the Company are expected to contribute to the enhancement of medium- to long-term corporate value of the Company. Therefore, the Company nominates him as a candidate for Outside Director. Mr. Michitaka Sawada is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Director and will submit the relevant notification to the Tokyo Stock Exchange.

< Outside Audit & Supervisory Board Members>

Name (Month and year of taking office)	Important concurrent positions held in other organizations	Reasons for appointment as Outside Audit & Supervisory Board Members and nomination as candidate for Outside Audit & Supervisory Board Members
Eiko Shinotsuka (June 2015)	Professor emeritus at Ochanomizu University	After engaging in research in economic fields at Japan Center for Economic Research, Ms. Eiko Shinotsuka, in addition to professor emeritus at Ochanomizu University, has the experience of having served as a member of the policy Board of the bank of Japan, Chairperson of the Cooperation Conference for the Gender Equality Promotion of the Cabinet Office, Executive Director of the Japan Legal Support Center and Commissioner of the National Personnel Authority, etc. and she has held numerous other official posts in public office up until now. Accordingly, she possesses wide-ranging knowledge and abundant experience, the Company expects her to execute her duties as Outside Audit & Supervisory Board Member from the standpoint of a specialist. Therefore, the Company appointed her as an Outside Audit & Supervisory Board Member. Ms. Eiko Shinotsuka is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers her as an Independent Audit & Supervisory Board Member and has submitted the relevant notification to the Tokyo Stock Exchange.
Kotaro Ohno (June 2017)	Attorney at law, Special Counsel of Mori Hamada & Matsumoto Outside Director of AEON Co., Ltd.	Having served as Prosecutor-General of the Supreme Public Prosecutors Office, Mr. Kotaro Ohno has considerable knowledge and abundant experience in the legal profession. Utilizing this knowledge and experience, the Company expects him to execute his duties as Outside Audit & Supervisory Board Member from the standpoint of a specialist. Therefore, the Company appointed him as an Outside Audit & Supervisory Board Member. Mr. Kotaro Ohno is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Audit & Supervisory Board Member and has submitted the relevant notification to the Tokyo Stock Exchange.
Tatsuro Kosaka (June 2022)	Senior Advisor of Chugai Pharmaceutical Co., Ltd.	Mr. Tatsuro Kosaka has considerable knowledge and rich experience in the business world having engaged in global corporate management as Representative Director, President of Chugai Pharmaceutical Co., Ltd. and Representative Director, Chairman of Chugai Pharmaceutical Co., Ltd. Utilizing this knowledge and experience, the Company expects him to execute his duties as Outside Audit & Supervisory Board Member by performing managerial oversight from the perspective of a corporate manager. Therefore, the Company nominates him as a candidate for Outside Audit & Supervisory Board Member. Mr. Tatsuro Kosaka is unlikely to have a conflict of interest with general shareholders. For this reason, the Company considers him as an Independent Audit & Supervisory Board Member and will submit the relevant notification to the Tokyo Stock Exchange.

[Support for Outside Directors and Outside Audit & Supervisory Board Members]

As a general rule, the Company provides materials for Board meetings to Outside Directors and Outside Audit & Supervisory Board Members in advance of the meetings so that they have sufficient time to review the matters that are to be discussed. With respect to matters that may be of particular importance, the Board of Directors discusses them at the Board meeting prior to the Board meeting where such matters are scheduled for resolution. In this manner, the Company ensures that the Directors have sufficient time to review the matters before decisions are made and that they will have an opportunity to consider the points noted in earlier discussions before deciding upon such matters.

For newly appointed Outside Director(s) and Outside Audit & Supervisory Board Member(s), the concerned department(s) conducts explanatory meeting(s) concerning the information requiring decision-making by the Board of Directors, as needed. Such meetings are attended by the Secretariat of the Board of Directors and held prior to Board of Director meetings. The Company has built the database which houses materials, minutes, other information of the Board of Directors and other major committee meetings in the past. This database can be accessed by all members of the Board of Directors and the Audit & Supervisory Board Members, including Outside Member(s). The Company has also built the database which houses materials and minutes of the Board of the Audit & Supervisory Board in the past. This database can be accessed by all members of the Board of the Audit & Supervisory Board Members, including Outside Member(s).

C. Coordination among supervisions or audits by Outside Directors or Outside Audit & Supervisory Board Members, internal audits, audits by Audit & Supervisory Board Members and accounting audits, and relations with the Internal Control Department.

Collaboration between Audit & Supervisory Board Members (including Outside Audit & Supervisory Board Members), the Independent Public Accounting Firm and the Internal Audit Department and Processes as well as relations with the Internal Control Department are described in (3) Conditions of Audits, A. Audit & Supervisory Board Members' Audit and B. Internal Audit.

(3) Conditions of Audits

A. Audit & Supervisory Board Members' Audit

There are five (5) members in the Audit & Supervisory Board, and the Company has consistently made sure that at least half of them are Outside Audit & Supervisory Board Members.

Standing Audit & Supervisory Board Member Terumi Sasaki has long engaged in accounting-related duties at the Company, and has considerably profound knowledge concerning financial affairs and accounting.

Standing Audit & Supervisory Board Member Yasuhiro Inagaki has long engaged in duties related to legal affairs, international external relations, corporate development, M&A, and strategic partnerships, and he has extensive experience and knowledge regarding those company activities.

The Company has established the Office of Corporate Auditors' Staff and assigned seven (7) employees who work as assistants to Audit & Supervisory Board Members either exclusively or concurrently in another position within the Company.

The activity status of Audit & Supervisory Board Members and the Audit & Supervisory Board is as follows.

• Frequency of meetings of the Audit & Supervisory Board held and status of attendance

In the fiscal year ended March 31, 2022, 15 meetings of the Audit & Supervisory Board were held, and the status of attendance of individual Audit & Supervisory Board Members is as follows:

Title & Position	Name	Number of attendance	Attendance rate
Standing Audit & Supervisory Board Member	Terumi Sasaki	15	100%
Standing Audit & Supervisory Board Member	Hironobu Matsuo	4	100%*1
Standing Audit & Supervisory Board Member	Yasuhiro Inagaki	11	100%*2
Outside Audit & Supervisory Board Member	Hirohide Yamaguchi	15	100%
Outside Audit & Supervisory Board Member	Eiko Shinotsuka	15	100%
Outside Audit & Supervisory Board Member	Kotaro Ohno	15	100%

Notes:

- *1 calculated the rate based on the meeting held before his retirement, June, 18, 2021
- *2 calculated the rate based on the meeting held after his attendance, June, 18, 2021

· Major matters to be examined by the Audit & Supervisory Board

Major matters to be examined by the Audit & Supervisory Board include the audit policies, audit plan, audit report and assignment of duties, appointment and discharge of the Independent Public Accounting Firm, audit method and appropriateness of results as well as results of internal audits of the Company and its subsidiaries. The Audit & Supervisory Board held discussions on ways to improve the efficiency and effectiveness of the Audit & Supervisory Board meetings and its audit and supervisory tasks, and implemented those improvements.

· Activity status of Audit & Supervisory Board Members

In accordance with the audit policies, assignment of duties and other matters determined by the Audit & Supervisory Board, Audit & Supervisory Board Members attended important meetings of the Board of Directors, the Strategy Review Committee, the Compliance Committee, the Risk Management Committee, etc., and inspected and confirmed business operations and state of properties through review of important authorized documents and associated information, and on-site inspection of sites of the Company and its subsidiaries.

Moreover, Audit & Supervisory Board Members endeavored to communicate and exchange information with representative directors, other Directors and Audit & supervisory board members and management of the Company and its subsidiaries, and received explanations and reports on execution of their duties and the status of businesses, as well as periodically received explanations and reports on the establishment, improvement and operation of the internal control system, and expressed opinions as needed. In addition, Audit & Supervisory Board Members worked to improve the environment for audit through liaison meetings and individual interviews, etc. with the Internal Audit Department and subsidiaries' Standing Audit & Supervisory Board Members, and maintain close contact to enhance the effectiveness.

Furthermore, Audit & Supervisory Board Members also monitored and verified whether the Independent Public

Accounting Firm maintained its independent position and implemented appropriate audits, and received reports on the execution of duties from the firm, and requested an explanation as needed.

B. Internal Audit

There are twenty-three (23) employees in the Internal Audit Department, which is in charge of the corporate internal audit of the Company.

The Internal Audit Department audits each in-house department and subsidiaries, points out problems and recommends correction of the problems as well as confirms the improvement. In addition, the Internal Audit Department assesses internal control over financial reporting under the Financial Instruments and Exchange Act. Coordination among audits by Audit & Supervisory Board Members, accounting audits and internal audits, and relations between these audits and the Internal Control Department are as follows:

· Collaboration between audits by Audit & Supervisory Board Members and accounting audit

To complete the audit process effectively and efficiently, Audit & Supervisory Board Members exchange opinions with contracted Independent Public Accounting Firm concerning audit policies, audit items to be focused upon and audit approaches. Audit & Supervisory Board Members also observe the Independent Public Accounting Firm, when the firm audits Komatsu's business bases and subsidiaries, and Audit & Supervisory Board Members and the Independent Public Accounting Firm hold meetings to exchange audit information as needed during a given fiscal year. These exchanges lead to better coordination between Audit & Supervisory Board Members and the Independent Public Accounting Firm and a more expeditious audit process. In addition, Audit & Supervisory Board Members receive reports of the Independent Public Accounting Firm's review at the end of the first, second and third quarters, and review and confirm important financial statement matters at the end of the second quarter and the fiscal year-end. Furthermore, Audit & Supervisory Board Members evaluate the methods and results of the Independent Public Accounting Firm's review and audit by listening to their summaries and receiving their review and audit reports at the meetings of the Audit & Supervisory Board.

The Audit & Supervisory Board exchanges information with the accounting firm as needed, and confirms the independence of the accounting firm concerning its service to the Company and its consolidated subsidiaries.

· Collaboration between audits by Audit & Supervisory Board Members and internal audits

Audit & Supervisory Board Members observe audits by the Internal Audit Department, form their own audit opinions, and give advice and recommendations to the Internal Audit Department.

In addition to the audit results reported by the Internal Audit Department to the Audit & Supervisory Board, the Audit & Supervisory Board closely maintains substantive cooperation with the Internal Audit Department, such as receiving various pieces of information relevant to their duties on a routine basis.

· Collaboration between internal audits and accounting audits

In the assessment of internal control over financial reporting, etc. implemented by the Internal Audit Department, the Independent Public Accounting Firm collaborates with the Internal Audit Department as needed by exchanging opinions and sharing information.

• Relations between audits by Audit & Supervisory Board Members, accounting audits and internal audits, and the Internal Control Department

In their respective audit procedures, Audit & Supervisory Board Members, the Independent Public Accounting Firm and the Internal Audit Department share information with the accounting and finance departments and other relevant internal control departments as needed, and exchange opinions on risk assessment, effectiveness of internal control and other matters.

C. Accounting Audit

1. Name of the Audit Corporation

KPMG AZSA LLC

2. The number of consecutive years they have conducted audits

52 years

Note: Above years are counted since Asahi & Co (predecessor of KPMG AZSA LLC) was incorporated audit corporation.

3. Certified public accountants who performed the work

Masafumi Tanabu (engaged for seven (7) consecutive years in auditing) Tomoo Nishigori (engaged for three (3) consecutive years in auditing) Daisuke Toyama (engaged for three (3) consecutive years in auditing)

4. Composition of assistants who supported the audit work

Twenty-three (23) other certified public accountants Forty-four (44) associates

5. The policy of dismissal or non-reappointment of Independent Public Accounting Firm

The Audit & Supervisory Board confirms that, subject to the policy of dismissal or non-reappointment of Independent Public Accounting Firm, the Independent Public Accounting Firm is not found to fall under any of the items in Article 340, Paragraph 1 of the Companies Act of Japan, and there is no problem in properly performing their duties regarding the independence, reliability, etc.

We decided to continue selecting (re-appointing) KPMG AZSA LLC as the Independent Public Accounting Firm also considering the result of the evaluation of the firm by the Audit & Supervisory Board that was conducted as evaluation of the Independent Public Accounting Firm.

6. The evaluation of the Independent Public Accounting Firm by The Audit & Supervisory Board

The Audit & Supervisory Board determines the evaluation of the Independent Public Accounting Firm by appropriately receiving reports therefrom on quality control systems, audit plans, audit summaries, etc., and taking into consideration the results of various examinations for the Independent Public Accounting Firm by external organizations, and of the hearing of opinions from related internal divisions, in particular.

The Audit & Supervisory Board has determined that there are no problematic facts found regarding the Independent Public Accounting Firm's activities and its independence and reliability, etc. in the current fiscal year.

D. Details of audit fee, etc.

1. Details of fee to auditors

Details of fee to KPMG AZSA LLC, the Company's Independent Public Accounting Firm, were comprised of the following:

	Fiscal year ended	March 31, 2022	Fiscal year ended March 31, 2021	
Category	Fees for audit services (Millions of yen) Fees for non-audit services (Millions of yen) Fees for non-audit services (Millions of yen)		Fees for audit services (Millions of yen)	Fees for non-audit services (Millions of yen)
The Company	380	4	362	12
Consolidated subsidiaries	298	-	287	-
Total	678	4	649	12

Note: Non-audit services provided to the Company for the fiscal year ended March 31, 2022 were services regarding the preparation of comfort letters for Euro Medium Term Notes, etc. Non-audit services provided to the Company for the fiscal year ended March 31, 2021 were services regarding issuance of bonds, etc.

2. Details of fee to individual member firms affiliated with the same network, to which auditors belong Details of fee to individual member firms affiliated with KPMG International, to which KPMG AZSA LLC belongs, were comprised of the following:

	Fiscal year ended	l March 31, 2022	Fiscal year ended March 31, 2021	
Category	Fees for audit services (Millions of yen) Fees for non-audit services (Millions of yen) Fees for non-audit services (Millions of yen)		Fees for audit services (Millions of yen)	Fees for non-audit services (Millions of yen)
The Company	-	8	-	11
Consolidated subsidiaries	1,775	183	1,603	133
Total	1,775	191	1,603	144

Note: Non-audit services provided to the Company for the fiscal years ended March 31, 2022 and 2021 were advisory services regarding CSR activities, etc. Non-audit services provided to consolidated subsidiaries for the fiscal years ended March 31, 2022 and 2021 were advisory services regarding tax, etc.

3. Other material fees for audit services

Not applicable.

4. Policy on determining audit fee

Not applicable; however, the Company determines audit fees by taking into consideration the size, the characteristics, the number of days, etc., of audit.

5. Reason for the Audit & Supervisory Board gives consent to remuneration for the Accounting Auditors

The Audit & Supervisory Board, based upon the "Practical Guidelines for Cooperation with Financial Auditors," etc. released by the Japan Audit & Supervisory Board Members Association, and having obtained necessary materials and having received reports from related departments and the Accounting Auditor, conducts confirmation of the auditing plans of the Accounting Auditor, the status of execution of duties, the trends in actual remuneration amount, the grounds for calculation of remuneration estimates and other matters, and having investigated appropriateness of remuneration, etc. for the Accounting Auditor, gives consent in accordance with Article 399, Paragraph 1 of the Companies Act of Japan.

(4) Compensation

A. Aggregate amount of remuneration, etc., paid to each classification of Directors and Audit & Supervisory Board Members of the Company, aggregate amount of remuneration, etc., by type thereof, as well as the number of Directors and Audit & Supervisory Board Members of the Company

	Number of	Fixed Remuneration	Performance-Based Remuneration, etc.		Total Amount of
Classification	Persons Paid	Monetary F	Remuneration	Non-monetary Remuneration, etc.	Remuneration, etc. Paid
		Basic Remuneration	Bonus in Cash	Stock-Based Remuneration	(Millions of yen)
Director	10	398	207	182	787
(Outside Director included above)	4	68	_	_	68
Audit &					
Supervisory Board	6	142	_	_	142
Member					
(Outside Audit &					
Supervisory Board	3	55	_	_	55
Member included		33			
above)					
Total	16	540	207	182	928
(Outside Director					
and Outside Audit &					
Supervisory Board	7	122	_	_	122
Member included					
above)					

Notes:

- 1) As of the end of the fiscal year ended March 31, 2022, there are nine (9) Directors (four (4) of whom are Outside Directors) and five (5) Audit & Supervisory Board Members (three (3) of whom are Outside Audit & Supervisory Board Members). However, the numbers and amounts in the table above include those for one (1) Director and one (1) Audit & Supervisory Board Member who have retired as of the close of the 152nd Ordinary General Meeting of Shareholders in June 2021.
- 2) It was resolved at the 149th Ordinary General Meeting of Shareholders, held on June 19, 2018, that the maximum amount of remuneration to be paid to Directors per year, which is the total of basic remuneration and bonus in cash, shall not exceed JPY 1.5 billion (of which, payment to the Outside Directors shall not exceed JPY 100 million per year) and that the maximum amount of remuneration to be paid to Audit & Supervisory Board Members shall not exceed JPY 200 million. As of the end of this Ordinary General Meeting of Shareholders, there are eight (8) Directors (of which, three (3) are Outside Directors) and five (5) Audit & Supervisory Board Members (of which, three (3) are Outside Audit & Supervisory Board Members). Furthermore, in the same Ordinary General Meeting of Shareholders, the limit for remuneration, etc. related to the restricted stock granted to Internal Directors as stock-based remuneration was decided as an amount that shall not exceed JPY 360 million annually for Stock-Based Remuneration A linked to the Company's consolidated performance for a single year and as an amount that shall not exceed JPY 180 million annually for Stock-Based Remuneration B linked to the performance of the Mid-Term Business Plan. Note that each of the aforementioned remuneration amounts resolved by the shareholders does not include the employee salary portion of remuneration to Directors concurrently serving as employees.
- 3) Stock-based remuneration represents the amounts of expense allocated as remuneration for Directors which are not monetary in accounting for the fiscal year ended March 31, 2022. Specifically, the total amount of remuneration expenses for stock-based remuneration in the fiscal year ended March 31, 2022 stated above comprises (1) the amount of expense recorded as the estimate of the payment in the form of restricted stock compensation of Stock-Based Remuneration A, for which payment level was determined by the operating results of the fiscal year ended March 31, 2022 (The number of shares to be granted has yet to be determined.), and (2) the amount of expense recorded as remuneration for the fiscal year ended March 31, 2022 paid by

newly issuing shares as restricted stock compensation of Stock-Based Remuneration B with the pay-in date of September 1, 2021, following the resolution passed at the Board of Directors meeting held on July 16, 2021 (equivalent to 32,910 shares).

- 4) The portions of salaries as employees for Directors concurrently serving as employees are not paid.
- 5) Amounts of less than JPY one (1) million are rounded to the nearest million yen.
- 6) Details regarding remuneration, etc. for individual Directors of the Company have been reported to the Board of Directors upon deliberation with respect to the monthly remuneration levels by position and levels of bonus in cash (number of times of monthly remuneration), subsequent to the Compensation Advisory Committee having engaged in deliberations encompassing the perspective of consistency with the Determination Policy. The Company's Board of Directors (as well as both the Chairman of the Board and the President and Representative Director delegated such authority) has determined the amounts of remuneration for individual Directors based on reports and recommendations of the Compensation Advisory Committee, upon having confirmed appropriateness of the deliberation process of the Compensation Advisory Committee and the details of the reports and recommendations. As such, the Company's Board of Directors deems that details of remuneration, etc. for individual Directors pertaining to the fiscal year ended March 31, 2022, are in alignment with the Determination Policy.

B. Total amount of remuneration paid, etc., paid by the Company to persons whose total remuneration paid equaled or exceeded \(\frac{\pmanumentum{4}}{100}\) million for the fiscal year ended March 31, 2022.

(Millions of yen)

	Fixed Non-Monetary Remuneration				
Name and title	Monetary Remuneration		Non-Monetary Remuneration, etc.	Amount of Remuneration Paid	
	Basic Remuneration	Bonus in Cash	Stock-Based Remuneration		
Hiroyuki Ogawa Director of the Company	103	65	57	224	
Tetsuji Ohashi Director of the Company	93	58	51	202	
Masayuki Moriyama Director of the Company	48	30	26	104	
Kiyoshi Mizuhara Director of the Company	48	30	26	104	

Notes:

- 1) Stock-based remuneration represents the amounts of expense allocated as remuneration for Directors which are not monetary in accounting for the fiscal year ended March 31, 2022. Specifically, the total amount of remuneration expenses for stock-based remuneration in the fiscal year ended March 31, 2022 stated above comprises (1) the amount of expense recorded as the estimate of the payment in the form of restricted stock compensation of Stock-Based Remuneration A, for which payment level was determined by the operating results of the fiscal year ended March 31, 2022, and (2) the amount of expense recorded as remuneration for the fiscal year ended March 31, 2022 paid by newly issuing shares as restricted stock compensation of Stock-Based Remuneration B with the pay-in date of September 1, 2021, following the resolution passed at the Board of Directors meeting held on July 16, 2021.
- 2) The portions of salaries as employees for Directors concurrently serving as employees are not paid.
- 3) Amounts of less than one (1) million yen are rounded to the nearest million yen.

C. Details and decision process of the policy on deciding the amounts of remuneration or calculation method thereof

At its meeting of the Board of Directors held on February 15, 2021, the Company passed a resolution on its policy regarding the determination of remuneration, etc. for individual Directors of the Company (the "Determination Policy"), upon having consulted with and accordingly reported to the Compensation Advisory Committee, which consists of seven (7) external members (three (3) Outside Directors, three (3) Outside Audit & Supervisory Board Members and one (1) outside expert) and one (1) internal member. The outline, etc. of the details of the Determination Policy are as follows:

In an effort to maintain a highly objective and transparent remuneration system, the Compensation Advisory Committee deliberates on the policy and levels of remuneration for Directors of the Company, then taking the Committee's reports and recommendations into consideration, the Board of Directors shall decide on the total amount of remuneration within the range previously determined by resolution of the General Meeting of Shareholders.

The remuneration for Directors excluding the Outside Directors (hereinafter "Internal Director") comprises basic remuneration (fixed remuneration) and performance-based remuneration linked to the Company's consolidated performance for a single fiscal year (bonus in cash and the Stock-Based Remuneration A) as well as the performance-based remuneration (Stock-Based Remuneration B) that will reflect the degree of achievement of the targets raised in the mid-term management plan, so that it will further contribute to the enhancement of the medium-and long-term corporate value of the Company by linking the remuneration to performance.

The remuneration for Outside Directors only consists of basic remuneration (fixed remuneration) designed to support their role of making recommendations with respect to the overall management of the Company as a member of the Board of Directors.

Regarding basic remuneration and bonus in cash within the remuneration stated above, the Compensation Advisory Committee reports monthly remuneration levels and levels of bonus in cash (number of times of monthly remuneration) by position to the Board of Directors after deliberation, and the Company makes a decision on the monthly remuneration levels and levels of bonus in cash (number of times of monthly remuneration) by position based on the details of this report. The calculation and determination of the amount of individual basic remuneration (monthly remuneration) and the amount of bonus in cash in accordance with such decision are delegated to Chairman of the Board Tetsuji Ohashi and President and Representative Director Hiroyuki Ogawa pursuant to the resolution passed at a meeting of the Board of Directors. This authority has been delegated given that the monthly remuneration levels and levels of bonus in cash (number of times of monthly remuneration) by position shall be deliberated and resolved by the Compensation Advisory Committee, and the Company has deemed it appropriate for decisions based on such outcomes with respect to individual amounts of basic remuneration and bonus in cash to become subject to discussion involving the Chairman of the Board as well as the President and Representative Director, drawing on their comprehensive perspective of the Company's overall business operations, rather than by engaging in further deliberation and decision-making entailing consultation by the Board of Directors. The remuneration for Audit & Supervisory Board Members only consists of basic remuneration (fixed remuneration) designed to support their independent position with authority to audit the execution of duties by Directors without being fettered by the movements of corporate performance of the Company. The specific total amount of remuneration shall be determined by discussions among the Audit & Supervisory Board Members within the range previously determined by resolution of the General Meeting of Shareholders, taking reports and recommendations of the Compensation Advisory Committee into consideration.

The retirement allowance system for Directors and Audit & Supervisory Board Members was terminated as of June 2007.

[System of Remuneration for Internal Directors]

Monetary Rem	nuneration	Stock-based remuneration	
	Performance-Based Remuneration		
Basic Remuneration (Fixed Remuneration)	Performance-Based Remu (Monthly Remunerat	Performance-Based Remuneration Linked to Performance of Mid-Term Management Plan (Monthly Remuneration x 0 ~ 3 months)	
Monthly Remuneration x 12 months	Bonus in Cash (2/3, in principle) [up to the equivalent of 12 months' remuneration]	principle)	Stock-Based Remuneration B Restricted Stock

a) Basic Remuneration

With regard to levels of monthly remuneration as basic remuneration, a comparison to positions at other key, globally active manufacturers in Japan is made by the Compensation Advisory Committee and is reflected in its reports and recommendations. Subsequently, monthly remuneration levels by position will be decided by the Board of Directors based on these reports and recommendations.

b) Performance-based remuneration for a single year

The total amount paid for performance-based remuneration shall be calculated each year by evaluating the single-fiscal-year consolidated performance against the basic indicators, comprising consolidated ROE*1, consolidated ROA*2 and the consolidated operating income ratio, using the respective percentages indicated in the table below as benchmarks, and making adjustments for growth (growth rate of consolidated sales).

[Indicators with respect to single-fiscal-year consolidated performance-based remuneration]

	Indicator	Ratio
	Consolidated ROE*1	50%
Basic Indicators	Consolidated ROA*2	25%
	Consolidated operating income ratio	25%
Adjustment Indicators	Adjustment according to growth rate of consolidated sales	•

- *1 ROE=Net income attributable to Komatsu Ltd. for the year/[(Komatsu Ltd. shareholders' equity at the beginning of the fiscal year + Komatsu Ltd. shareholders' equity at the end of the fiscal year)/2]
- *2 ROA=Income before income taxes and equity in earnings of affiliated companies/[(total assets at the beginning of the fiscal year + total assets at the end of the fiscal year)/2]

The Company selected such performance indicators upon having deemed them appropriate as quantitative values that reflect the entire Komatsu Group's efficiency and growth. In this regard, the Board of Directors made its decisions per deliberations of the Compensation Advisory Committee, taking into account factors that include past valuation indicators and potential continuity.

Such performance indicators may be changed in the future by a resolution of the Board of Directors. For the fiscal year ended March 31, 2022, the Company's actual results regarding its performance indicators consist of decreases in consolidated ROE of 10.9%, consolidated ROA of 8.0%, consolidated operating income ratio of 11.3%, and growth rate of sales of 28.0%. The Company accordingly determined the payment level based on such results

With regards to the single-fiscal-year consolidated performance-based remuneration levels, the upper limit shall be twice the basic remuneration ($12 \times \text{monthly remuneration}$) of the Director and the lower limit shall be zero (0) (remuneration in this case will comprise only the basic remuneration).

The equivalent of two-thirds (2/3) of the total paid amount of performance-based remuneration linked to the Company's consolidated performance for a single year shall be paid in the form of bonus in cash and the amount remaining after deducting the bonus in cash shall be paid by granting restricted stock as stock-based remuneration based on a resolution passed at a meeting of the Board of Directors, in order to further promote the same perspective on corporate value with the shareholders (Stock-Based Remuneration A); provided, however, that for the bonus in

cash, the upper limit shall be the equivalent of 12 months of the monthly remuneration and, for any amount exceeding the 12 month limit, the Company shall pay the Stock-Based Remuneration A in substitution for the bonus in cash. Note that as a general rule, concerning the Stock-Based Remuneration A, the restriction on transfer of the shares will be lifted after three years from delivery.

c) Performance-Based Remuneration Linked to Performance of Mid-Term Management Plan The Company will pay Internal Directors the equivalent of a three months of monthly remuneration based on the resolution of the Board of Directors every fiscal year as remuneration linked to the period of the Company's midterm Management Plan by granting restricted stock as stock-based remuneration (Stock-Based Remuneration B). In deciding Stock-Based Remuneration B, after the expiry of the period of the mid-term management plan, the number of shares on which to lift transfer restrictions (within the range of 0-100%) will be decided mainly based on the

achievement of the indicators presented in the table below, which are within the management targets of the mid-term Management Plan and, as a general rule, the restriction on transfer on the shares will be lifted after three years from delivery.

Given that such remuneration constitutes performance-based remuneration under the mid-term management plan,

the Company has selected these performance indicators having deemed them to be appropriate after comprehensively taking these performance indicators into consideration in order to multilaterally reflect in Directors' remuneration the Company's performance while paying close attention to growth and profitability in light of the goal of this remuneration system, which is to further contribute to the increase of medium- to long-term corporate value, after connecting it to the management targets established in the mid-term management plan. The performance indicators that are the basis of the calculation of this remuneration are subject to change per resolution of the Board of Directors.

[Management Indicators and Management Targets in Mid-Term Management Plan (FY2019-FY2021)]

Management Indicators		Management Targets			
Growth	Sales growth rate	Growth rate above the industry's average*1			
Profitability	Operating income ratio	Industry's top-level operating income ratio*1			
Efficiency	ROE	ROE of 10% or higher			
Financial Position	Net debt-to-equity ratio*2	Industry's top-level financial position			
ROA ROA		ROA 1.5% to 2.0%			
Net debt-to-equity ratio *2		5.0 or under for net debt-to-equity ratio*2			
	Reduction	CO2 emissions: Decrease by 50% in 2030 from 2010			
ESG Reduction of environmental impact		Renewable energy use: Increase to 50% of total energy			
		use in 2030			
Evaluation		Selected for DJSI*3 (World & Asia Pacific) and for			
	by external organizations	CDP*4 A-list (Climate Changes and Water Risk), etc.			

^{*1} Relative comparison with domestic and foreign major competitors in the same industry.

^{*2} Net debt-to-equity ratio = (Interest-bearing debt - Cash and cash equivalents - Time deposits) / Shareholders' equity of the Company

^{*3} Dow Jones Sustainability Indices: ESG investment indices of S&P Dow Jones Indices LLC of the United States

^{*4} International non-profit organization which advocates the reduction of greenhouse gas emissions and protection of water resources and forests by companies and governments.

(Reference: Details of Stock-Based Remuneration System by Restricted Stock)

- (1) Overview
- •Under the System, the Company shall grant Directors excluding the Outside Directors of the Company (hereinafter "Eligible Directors") monetary compensation receivables for the allocation of restricted stock for each fiscal year in principle, and, by having the Eligible Directors make contribution in kind to the Company using the monetary compensation receivables as contributed assets, shall issue or dispose of its shares of common stock to the Eligible Directors and allow them to hold such shares.
- •The Company shall conclude a restricted stock grant agreement (hereinafter "Grant Agreement") with the Eligible Directors. With regard to the shares granted pursuant to the Grant Agreement (hereinafter "Granted Shares"), the Eligible Directors shall not be allowed to transfer, create a security interest on, or otherwise dispose (hereinafter "Transfer") of them at will (hereinafter "Restrictions") during a given period provided by the Grant Agreement (hereinafter "Restricted Period").

The Company shall acquire from the Eligible Directors, free of charge, the Granted Shares with respect to which the Restrictions have not been lifted as a result of the occurrence of prescribed events, including the failure to accomplish performance targets determined by the Board of Directors based on reports of the Compensation Advisory Committee.

The Grant Agreement shall stipulate that during the Restricted Period and after the Restrictions have been lifted, if the Board of Directors resolves that it is appropriate to make the Eligible Directors return the shares granted to them in accordance with the System, the Eligible Directors shall return the corresponding portion of shares to the Company.

•Other details regarding the administration of the System shall be determined by the Board of Directors based on reports of the Compensation Advisory Committee.

	Stock-Based Remuneration A (Performance-Based Remuneration for a Single Year)	Stock-Based Remuneration B (Performance- Based Remuneration Linked to Performance of Mid-Term Management Plan)
(2) Framework of the remuneration system	The Company shall determine the amount of remuneration based on the Company's single-year performance, etc. and pay a part of the amount of remuneration so determined in the form of restricted stock to the Eligible Directors each fiscal year. The Restrictions will, in principle, be lifted three (3) years after the grant of the Granted Shares.	With respect to the period of the Company's mid-term management plan, the Company shall grant restricted stock to the Eligible Directors each fiscal year based on the base amount of remuneration for each position. After the expiry of the period of the mid-term management plan, the Company shall determine the number of shares with respect to which the Restrictions will be lifted according to the achievement status of the targets raised in the mid-term management plan, etc. In principle, the Company shall lift the Restrictions three (3) years after the grant of the Granted Shares.

	Stock-Based Remuneration A (Performance-Based Remuneration for a Single Year)	Stock-Based Remuneration B (Performance- Based Remuneration Linked to Performance of Mid-Term Management Plan)
(3) Amount of monetary compensation receivables to be provided and the maximum number of shares	Amount of monetary compensation receivables: No more than JPY 360 million per year; provided, however, that the employee salaries for the Directors concurrently serving as employees are not included in this amount. Total number of Granted Shares: No more than 239,000 shares during one fiscal year.	Amount of monetary compensation receivables: No more than JPY 180 million per year; provided, however, that the employee salaries for the Directors concurrently serving as employees are not included in this amount. Total number of Granted Shares: No more than 120,000 shares during one fiscal year.
to be granted	Company's common stock occurs that need shares of restricted stock to be allocated, reasonably adjusted.	f shares or any other situation with respect to the cessitates the adjustment of the total number of the total number of Granted Shares shall be
(4) Amount to be paid per share	extent that would not be considered espectively who are granted the shares of common stothe closing price of the share of common Exchange on the business day immediate	determined by the Board of Directors to an sially advantageous to the Eligible Directors ock of the Company under the System, that is, stock of the Company on the Tokyo Stock ly preceding the date of each resolution by the n the trading day immediately prior thereto if etc.
(5) Restriction	The Restriction Period shall be three (3) y	
Period	Transfer the Granted Shares during such	period.
(6) Lifting of Restrictions	The Company shall, in principle, lift the Restrictions on the Granted Shares at the expiry of the Restriction Period.	In principle, the Company shall, at the expiry of the Restriction Period, lift the Restrictions on all or part of the Granted Shares according to the degree of achievement of the targets raised in the mid-term management plan based on the indicators set by the Board of Directors, including the major performance indicators set in the mid-term management plan. Upon determination of the number of shares with respect to which the Restrictions will be lifted according to the achievement status of the targets raised in the mid-term management plan, etc., the Company shall as a matter of course acquire, free of charge, the Granted Shares with respect to which the Company decides not to lift the Restrictions pursuant to the above provision.

	Stock-Based Remuneration A (Performance-Based Remuneration for a Single Year)	Stock-Based Remuneration B (Performance- Based Remuneration Linked to Performance of Mid-Term Management Plan)
(7) Treatment upon retirement	In the event that, prior to the expiry of the Restriction Period, the Eligible Director is deemed to have retired as a Director of the Company due to his or her death, the Company shall lift the Restrictions on all of the Granted Shares after making reasonable adjustments, as necessary, to the timing of the lifting of the Restrictions. If, prior to the expiry of the Restriction Period, the Eligible Director retires as a Director of the Company without any reason recognized as legitimate by the Board of Directors of the Company, such as the expiration of the term of office as a Director (hereinafter "Legitimate Reason for Retirement"), the Company shall as a matter of course acquire, free of charge, all or part of the Granted Shares.	In the event that, prior to the expiry of the Restriction Period, the Eligible Director is deemed to have retired as a Director of the Company due to his or her death, the Company shall make reasonable adjustments, as necessary, to (i) the number of Granted Shares with respect to which the Restrictions are to be lifted and the timing of the lifting of the Restrictions during the period from the time of the grant of the Granted Shares to immediately prior to the determination of the number of shares with respect to which the Restrictions will be lifted according to the achievement status of the targets raised in the mid-term management plan, etc., or (ii) the timing of the lifting of the Restrictions during the period from the determination of the number of shares with respect to which the Restrictions will be lifted according to the achievement status of the targets raised in the mid-term management plan, etc. to the expiry of the Restriction Period. If, prior to the expiry of the Restriction Period, the Eligible Director retires as a Director of the Company without any Legitimate Reason for Retirement, the Company shall as a matter of course acquire, free of charge, all or part of the Granted Shares.
(8) Other matters to be determined by the Board of Directors	Other matters relating to the System shall shall be considered to be a part of the Gra	be determined by the Board of Directors and ant Agreement.

d) Malus and Clawback System

The Company resolved on Malus (reduction / confiscation) and Clawback (return) system at the meeting of the Board of Directors held on April 28, 2022. In the event of a significant revision of financial statements or an event that has a significant impact on the reputation of the Company due to the execution of business by Directors, the performance-based remuneration paid to the Internal Directors could be required to be reduced, confiscated, or refunded. In principle, the content of the refund request, etc. will be decided by the Board of Directors after deliberation by the Compensation Advisory Committee according to each event.

(5) Shareholdings

A. Classification of investment securities

The Company classifies investment securities by holding purpose, for pure investment or other than pure investment. Pure investment means that the Company owns shares only for purpose of returns from stock price fluctuations and/or dividends.

B. Investment securities held for purpose other than pure investment

1. Policy of holding listed stocks

In light of avoiding risks resulting from stock price fluctuations and improving asset efficiency, the Company owns no listed shares except for the cases in which business relationships with invested companies and/or business cooperation with the Company are needed.

2. Number of stock names and amount on the balance sheet

	Number of stock names	Amount on the balance sheet (Millions of yen)
Unlisted stocks	45	2,477
Other than unlisted stocks	-	-

Information on stocks whose number of shares increased in the fiscal year ended March 31, 2022

	Number of stock names	Acquisition cost for the increase of number of shares (Millions of yen)	Reason for acquisition
Unlisted stocks	1	340	Investment in venture capital company.
Other than unlisted stocks	-	-	-

Information on stocks whose number of shares decreased in the fiscal year ended March 31, 2022

	Number of stock names	Sales amount for the decrease of number of shares (Millions of yen)
Unlisted stocks	1	0
Other than unlisted stocks	-	-

3. Stock name, number of shares, amount on the balance sheet etc. of specified investment securities and deemed shareholdings

Not applicable.

C. Investment securities held for pure investment

Not applicable.

D. Investment securities for which the holding purpose has changed from pure investment to other than pure investment in the fiscal year ended March 31, 2022

Not applicable.

E. Investment securities for which the holding purpose has changed from other than pure investment to pure investment in the fiscal year ended March 31, 2022

Not applicable.

Item 5. Financial Information

1. Basis of preparation of the consolidated financial statements and the non-consolidated financial statements

- (1) The consolidated financial statements of the Company are prepared in accordance with the accounting principles generally accepted in the United States of America ("U.S. GAAP"), pursuant to Paragraph 3, Supplementary Provisions of the "Cabinet Office Ordinance for Partial Revision of the Ordinance on Terminology, Forms and Preparation Methods of Consolidated Financial Statements", the Ordinance of the Cabinet Office No. 11 of 2002. (2) The non-consolidated financial statements of the Company are prepared in accordance with the Ordinance of the Ministry of Finance No. 59 of 1963 "Ordinance on Terminology, Forms and Preparation Methods of Financial Statements, etc." (hereinafter "Ordinance on Financial Statements, etc.").
- Also, the Company is qualified as a company submitting financial statements prepared in accordance with special provision and prepares financial statements in accordance with the provision of Article 127 of the Ordinance on Financial Statements, etc.

2. Audit certification

Pursuant to Article 193-2, paragraph 1 of the Financial Instruments and Exchange Act of Japan, the consolidated financial statements for the fiscal year from April 1, 2021 to March 31, 2022 and the non-consolidated financial statements for the 153rd fiscal year (from April 1, 2021 to March 31, 2022) were audited by KPMG AZSA LLC.

3. Particular efforts to secure the appropriateness of the consolidated financial statements, etc.

The Company carries out special measures for ensuring the appropriateness of consolidated financial statements, etc. Specifics of such efforts are shown below.

- (1) For the purpose of both ensuring that the Company has an appropriate grasp of the contents of Accounting Standards and related regulations, and properly preparing consolidated financial statements, etc., the Company became a member of the Financial Accounting Standards Foundation and is kept informed of changes in Accounting Standards and other events by participating in seminars and other events hosted by the foundation.
- (2) The Company works to keep every employee informed about Accounting Standards by developing internal accounting regulations and manuals and other means.
- (3) The Company confirms the appropriateness of consolidated financial statements, etc. by setting up internal structures such as the Information Disclosure Committee.

1. Consolidated Financial Statements, etc.

(1) Consolidated Financial Statements

Consolidated Balance Sheets

Komatsu Ltd. and Consolidated Subsidiaries as of March 31, 2022 and 2021

		2022			2021	
Assets	Millio	ns of yen	Ratio (%)	Millions	of yen	Ratio (%)
Current assets						
Cash and cash equivalents (Note 20)	¥	315,360		¥	241,803	
Time deposits (Note 20)		1,310			1,324	
Trade notes and accounts receivable, net (Notes 3, 6, 14, 16 and 23)		954,580			820,698	
Inventories (Note 4)		988,011			793,852	
Other current assets (Notes 6, 8, 19, 20, 21 and 23)		162,020			131,615	
Total current assets		2,421,281	55.7	1	,989,292	52.6
Long-term trade receivables, net (Notes 3, 14, 16, 20 and 23)		501,868	11.5		446,860	11.8
Investments						
Investments in and advances to affiliated companies (Note 6)		45,913			39,286	
Investment securities (Note 5)		8,377			8,236	
Other		3,493			2,511	
Total investments		57,783	1.3		50,033	1.3
Property, plant and equipment						
- less accumulated depreciation and amortization (Notes 7 and 16)		819,749	18.9		787,373	20.8
Operating lease right-of-use assets (Note 16)		61,516	1.4		57,930	1.5
Goodwill (Note 9)	-	187,615	4.3		170,687	4.5
Other intangible assets		107,013	7.5		170,007	7.0
<u> </u>		169,003	3.9		168,981	1.4
- less accumulated amortization (Note 9)			3.9			4.5
Deferred income taxes and other assets (Notes 11, 15, 19, 20, 21 and 23)	- X7	128,707		V 2	113,685	3.0
Total assets	¥	4,347,522	100.0	¥ 3	,784,841	100.0
		2022			2021	
Liabilities and Equity	Million	ns of yen	Ratio (%)	Millions	of yen	Ratio (%)
Current liabilities					<u> </u>	
Short-term debt (Notes 10 and 20)	¥	241,746		¥	271,462	
Current maturities of long-term debt (Notes 10 and 20)		276,623			98,004	
Trade notes, bills and accounts payable (Note 6)		338,974			258,316	
Income taxes payable (Note 15)		68,337			26,858	
Current operating lease liabilities (Note 16)		16,981			15,882	
Other current liabilities (Notes 11, 14, 18, 19, 20, 21 and 23)		381,360			322,347	
Total current liabilities		1,324,021	30.5		992,869	26.2
Long-term liabilities		7- 7-			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Long-term debt (Notes 10 and 20)		429,011			540,517	
Liability for pension and retirement benefits (Note 11)		93,407			104.083	
Long-term operating lease liabilities (Note 16)		43,458			39,982	
Deferred income taxes and other liabilities (Notes 14, 15, 18, 19, 20 and 21)		101,348			95,365	
Total long-term liabilities		667,224	15.3		779,947	20.6
Total liabilities		1,991,245	45.8	1	,772,816	46.8
Commitments and contingent liabilities (Note 18)		1,991,243	43.6	1	,//2,010	40.0
Equity						
Komatsu Ltd. shareholders' equity (Note 12)						
Common stock:						
Authorized 3,955,000,000 shares						
Issued 973,145,800 shares		60.202			60.025	
Outstanding 945,312,564 shares in 2022 and 945,121,166 shares in 2021		69,393			69,037	
Capital surplus		139,572			135,835	
Retained earnings:		45.000			45.050	
Appropriated for legal reserve		47,903			47,378	
Unappropriated		1,902,501		1	,750,914	
Accumulated other comprehensive income (loss) (Notes 11, 13 and 19) Treasury stock at cost,		122,414			(42,012)	
27,833,236 shares in 2022 and 27,766,444 shares in 2021 (Note 12)		(49,272)			(48,855)	
Total Komatsu Ltd. shareholders' equity		2,232,511	51.4	1	,912,297	50.5
Noncontrolling interests		123,766	2.8	1	99,728	
		2,356,277				2.7
Total aquity		/ 1 10 / / /	54.2	2	,012,025	53.2
Total equity Total liabilities and equity	¥	4,347,522	100.0	¥ 3	,784,841	100.0

Consolidated Statements of Income and Consolidated Statements of Comprehensive Income

Komatsu Ltd. and Consolidated Subsidiaries

For the fiscal years ended March 31, 2022 and 2021

Consolidated Statements of Income

	2022		2021		
	Millions of yen	Ratio(%)	Millions of yen	Ratio(%)	
Net sales (Notes 6, 13, 14, 16 and 19)	¥ 2,802,323	100.0	¥ 2,189,512	100.0	
Cost of sales (Notes 7, 9, 11, 13, 16, 19 and 24)	2,022,747	72.2	1,608,457	73.5	
Selling, general and administrative expenses					
(Notes 7, 9, 11, 12, 16 and 24)	464,040	16.6	408,716	18.7	
Impairment loss on long-lived assets (Notes 22 and 24)	1,372	0.0	2,403	0.1	
Other operating income (expenses), net (Note 24)	2,851	0.1	(2,608)	(0.1)	
Operating income	317,015	11.3	167,328	7.6	
Other income (expenses), net (Note 24)					
Interest and dividend income (Note 6)	5,332	0.2	5,293	0.2	
Interest expense	(12,222	(0.4)	(13,766)	(0.6)	
Other, net (Notes 5, 11, 13 and 19)	14,443	0.5	3,920	0.2	
Total	7,553	0.3	(4,553)	(0.2)	
Income before income taxes and equity in					
earnings of affiliated companies	324,568	11.6	162,775	7.4	
Income taxes (Notes 13 and 15)					
Current	100,233		52,207		
Deferred	(7,655)	(5,288)		
Total	92,578	3.3	46,919	2.1	
Income before equity in earnings of affiliated companies	231,990	8.3	115,856	5.3	
Equity in earnings of affiliated companies	5,258	0.2	2,760	0.1	
Net income	237,248	8.5	118,616	5.4	
Less: Net income attributable to noncontrolling interests	12,321	0.4	12,379	0.6	
Net income attributable to Komatsu Ltd.	¥ 224,927	8.0	¥ 106,237	4.9	
	Yen				
Per share data (Note 17):					
Net income attributable to Komatsu Ltd.:					
D .	V 007.07		110 10		

			1011		
Per share data (Note 17):					
Net income attributable to Komatsu Ltd.:					
Basic	¥	237.97	¥	112.43	
Diluted	¥	237.92	¥	112.39	

The accompanying Notes are an integral part of these Consolidated Financial Statements.

Consolidated Statements of Comprehensive Income

	Millions of yen			en
		2022		2021
Net income	¥	237,248	¥	118,616
Other comprehensive income (loss), for the period, net of tax				
Foreign currency translation adjustments (Notes 13 and 15)		165,147		105,466
Pension liability adjustments (Notes 11, 13 and 15)		10,169		(7,297)
Net unrealized holding gains (losses) on derivative instruments (Notes 13, 15 and 19)		(1,126)		(690)
Total		174,190		97,479
Comprehensive income		411,438		216,095
Less: Comprehensive income attributable to noncontrolling interests		22,961		21,543
Comprehensive income attributable to Komatsu Ltd.	¥	388,477	¥	194,552

The accompanying Notes are an integral part of these Consolidated Financial Statements.

Consolidated Statements of Equity

Komatsu Ltd. and Consolidated Subsidiaries

For the fiscal year ended March 31, 2022

									Mi	llions of yen								
						Retained	ear	nings										
		ommon stock		Capital surplus	f	oropriated or legal reserve	ap	Un- propriated	com	other nprehensive	7	Freasury stock		Total matsu Ltd. areholders' equity		Non- ontrolling nterests		Total equity
Balance at March 31, 2021	¥	69,037	¥	135,835	¥	47,378	¥	1,750,914	¥	(42,012)	¥	(48,855)	¥	1,912,297	¥	99,728	¥	2,012,025
Cash dividends								(72,815)						(72,815)		(5,983)		(78,798)
Transfer to retained earnings appropriated						525		(525)										
for legal reserve						323		(525)						_				_
Other changes				3,637						876				4,513		7,060		11,573
Net income								224,927						224,927		12,321		237,248
Other comprehensive income (loss), for the period, net of tax (Note 13)										163,550				163,550		10,640		174,190
Issuance and exercise of stock acquisition				(298)										(298)				(298)
rights (Note 12)				(298)										(298)				(298)
Purchase of treasury stock												(670)		(670)				(670)
Sales of treasury stock				46								253		299				299
Restricted stock compensation (Note 12)		356		352										708				708
Balance at March 31, 2022	¥	69,393	¥	139,572	¥	47,903	¥	1,902,501	¥	122,414	¥	(49,272)	¥	2,232,511	¥	123,766	¥	2,356,277

The accompanying Notes are an integral part of these Consolidated Financial Statements.

For the fiscal year ended March 31, 2021

									Mi	llions of yen								
						Retained	ear	nings										
		ommon stock		Capital surplus	fo	ropriated r legal eserve	ар	Un- propriated	com	other prehensive ome (loss)	Т	reasury stock	sha	Total matsu Ltd. reholders' equity	cor	Non- ntrolling nterests		Total equity
Balance at March 31, 2020	¥	68,689	¥	136,459	¥	46,813	¥	1,699,477	¥	(130,666)	¥	(49,166)	¥	1,771,606	¥	84,619	¥	1,856,225
Cash dividends								(53,878)						(53,878)		(6,108)		(59,986)
Transfer to retained earnings appropriated						565		(565)						_				
for legal reserve						303		(565)										
Other changes				(639)				(357)		339				(657)		(326)		(983)
Net income								106,237						106,237		12,379		118,616
Other comprehensive income (loss), for the period, net of tax (Note 13)										88,315				88,315		9,164		97,479
Issuance and exercise of stock acquisition rights (Note 12)				(405)										(405)				(405)
Purchase of treasury stock												(57)		(57)				(57)
Sales of treasury stock				74								368		442				442
Restricted stock compensation (Note 12)		348		346										694				694
Balance at March 31, 2021	¥	69,037	¥	135,835	¥	47,378	¥	1,750,914	¥	(42,012)	¥	(48,855)	¥	1,912,297	¥	99,728	¥	2,012,025

The accompanying Notes are an integral part of these Consolidated Financial Statements.

Consolidated Statements of Cash Flows

Komatsu Ltd. and Consolidated Subsidiaries

For the fiscal years ended March 31, 2022 and 2021

	Millions of yen				
		2022		2021	
Operating activities					
Net income	¥	237,248	¥	118,616	
Adjustments to reconcile net income to net cash provided by operating activities:					
Depreciation and amortization		136,346		133,126	
Deferred income taxes		(7,655)		(5,288)	
Impairment loss and net gain on valuation of investment securities, net		(737)		(47)	
Net gain on sale of fixed assets		(3,389)		(875)	
Loss on disposal of fixed assets		3,087		2,921	
Impairment loss on long-lived assets		1,372		2,403	
Pension and retirement benefits, net		(5,230)		(148)	
Changes in assets and liabilities:					
Decrease (increase) in trade receivables		(85,436)		(39,209)	
Decrease (increase) in inventories		(116,558)		56,156	
Increase (decrease) in trade payables		65,030		30,483	
Increase (decrease) in income taxes payable		40,796		2,967	
Other, net		36,096		53,024	
Net cash provided by operating activities		300,970		354,129	
Investing activities					
Capital expenditures		(162,956)		(181,548)	
Proceeds from sale of fixed assets		21,927		18,332	
Proceeds from sale of investment securities		242		22	
Purchases of investment securities		(686)		(772)	
Acquisition of subsidiaries and equity investees, net of cash acquired		(815)		(1,770)	
Other, net		(1,281)		2,679	
Net cash used in investing activities		(143,569)		(163,057)	
Financing activities					
Proceeds from debt issued (Original maturities greater than three months)		443,468		702,701	
Payment on debt (Original maturities greater than three months)		(482,208)		(725,363)	
Short-term debt, net (Original maturities three months or less)		13,520		(114,126)	
Dividends paid		(72,815)		(53,878)	
Proceeds from issuance of subsidiary's shares		30,440			
Acquisition of noncontrolling interests *1		(20,072)		(2,601)	
Other, net *1		(6,201)		(6,400)	
Net cash used in financing activities		(93,868)		(199,667)	
Effect of exchange rate change on cash and cash equivalents		10,024		2,782	
Net increase (decrease) in cash and cash equivalents		73,557		(5,813)	
Cash and cash equivalents, beginning of year		241,803		247,616	
Cash and cash equivalents, end of year	¥	315,360	¥	241,803	
		312,300		211,003	

The accompanying Notes are an integral part of these Consolidated Financial Statements.

^{*1} In the fiscal year ended March 31, 2022, Komatsu (the Company and its consolidated subsidiaries) has presented separately "Acquisition of noncontrolling interests" which was included in "Other, net" under the financing activities. Accordingly, the figure for the fiscal year ended March 31, 2021 was reclassified to conform to the presentation for the fiscal year ended March 31, 2022.

Notes to Consolidated Financial Statements Komatsu Ltd. and Consolidated Subsidiaries For the fiscal years ended March 31, 2022 and 2021

1. Description of Business, Basis of Financial Statement Presentation and Summary of Significant Accounting Policies

Description of Business

In this report, Komatsu Ltd. is hereinafter referred to as the "Company" and together with its consolidated subsidiaries as "Komatsu".

Komatsu primarily manufactures and markets various types of construction, mining and utility equipment throughout the world, provides retail financing to customers and sales distributors and is also engaged in the manufacture and sale of industrial machinery and others.

The consolidated net sales of Komatsu for the fiscal year ended March 31, 2022 consisted of the following: construction, mining and utility equipment business -91.3%, retail finance business -2.1%, industrial machinery and others business -6.6%.

Sales are made principally under the Komatsu brand name, and are almost entirely executed through sales subsidiaries and sales distributors. These subsidiaries and distributors are responsible for marketing and distribution and primarily sell to retail dealers in their geographical area. Of consolidated net sales for the fiscal year ended March 31, 2022, 86.1% were generated outside Japan, with 37.5% in the Americas, 15.7% in Europe and CIS, 4.7% in China, 21.4% in Asia (excluding Japan and China) and Oceania, and 6.8% in the Middle East and Africa. The manufacturing operations of Komatsu are conducted primarily at plants in Japan, the United States, Brazil, the United Kingdom, Germany, Italy, Sweden, Russia, China, Indonesia, Thailand and India.

Basis of Financial Statement Presentation

The accompanying consolidated financial statements are prepared and presented in accordance with generally accepted accounting principles in the United States of America (hereinafter "U.S. GAAP").

The accompanying consolidated financial statements are stated in Japanese yen, the currency of the country in which the Company is incorporated and principally operates.

Some adjustments without being booked on each subsidiary's and affiliate's financial statements are added to the accompanying consolidated financial statements. These adjustments are mainly due to the gaps of accounting principles between Japan and the United States of America. See Note 26 "Terminology, Forms and Preparation Methods of Consolidated Financial Statements".

Preparation of Financial Statements and Registration with the U.S. Securities and Exchange Commission

The Company has been preparing its consolidated financial statements in accordance with U.S. GAAP since 1963, because the Company issued foreign currency convertible bonds at European market in 1964. The Company registered its convertible bonds issued in the United States in 1967 and its common shares issued for U.S. shareholders as well as Japanese shareholders in 1970 with the U.S. Securities and Exchange Commission (hereinafter "SEC"). Since then, the Company, as a non-U.S. issuer, had been having the reporting obligations, such as filing annual report with its consolidated financial statements in accordance with U.S. GAAP, under the Securities Exchange Act of 1934. The Company's registration with SEC was terminated on June 30, 2014.

Summary of Significant Accounting Policies

(1) Consolidation and Investments in Affiliated Companies

The consolidated financial statements include the accounts of the Company and all of its majority-owned Japanese and foreign subsidiaries, except for certain immaterial subsidiaries.

Variable interest entities are consolidated for which the Company is the primary beneficiary in accordance with Financial Accounting Standards Board (hereinafter "FASB") Accounting Standards Codification TM (hereinafter "ASC") 810, "Consolidation". The consolidated balance sheets as of March 31, 2022 and 2021 include assets for the Variable interest entities of ¥6,666 million and ¥10,658 million, respectively. Consolidated variable interest entities mainly engage in equipment leasing in Europe. The majority of these assets are cash and cash equivalents, trade notes and accounts receivable, and long-term trade receivables.

Investments in affiliated companies whereby Komatsu has the ability to exercise significant influence over the operational and financial policies of a company, but does not have a controlling financial interest, are accounted for by the equity method.

(2) Foreign Currency Translation and Transactions

Assets and liabilities of foreign operations are translated at the exchange rates in effect at each fiscal year-end, and income and expenses of foreign operations are translated at the average rates of exchange prevailing during each fiscal year in consolidating the financial statements of overseas subsidiaries. The resulting translation adjustments are included as a separate component of accumulated other comprehensive income (loss) in the accompanying consolidated financial statements. All foreign currency transaction gains and losses are included in other income (expenses), net in the period incurred.

(3) Allowance for Doubtful Trade Receivables

Komatsu calculates a general allowance for doubtful receivables based on historical loss rates. On the other hand, for those doubtful receivables with the possibility of default, including those in cases where a customer's ability to meet its financial obligations has become doubtful due to a bankruptcy filing or deterioration in its business performance, Komatsu estimates credit losses based on the credit status of individual customers and an analysis on the overdue status of receivables, and then recognizes a specific allowance for doubtful receivables at an amount of the estimated credit losses reduced by an expected amount recoverable from the collateral. The amount of estimated credit losses is further adjusted to reflect changes in customer circumstances.

(4) Inventories

Inventories are stated at the lower of cost or market. The cost of finished products and work in process is mainly valued by the specific identification method. The cost of finished parts is mainly stated using the first-in first-out method. The cost of raw materials and supplies is stated at periodic average cost.

(5) Investment Securities

Komatsu's investments in marketable equity securities are stated at fair value. Changes in fair values are included in net income in the accompanying consolidated statements of income.

Komatsu measures equity securities without readily determinable fair values at the carrying amount after the writedown due to impairment, except for investments which are measured at net asset value per share. If Komatsu identifies observable price changes in orderly transactions for identical or similar investments issued by the same issuer, Komatsu measures the equity security at fair value as of the date that the observable transaction occurred.

(6) Property, Plant and Equipment, and Related Depreciation and Amortization

Property, plant and equipment are stated at cost, less accumulated depreciation. Depreciation is calculated by the straight-line method based on the estimated useful lives of the assets.

The estimated useful lives used in computing depreciation of property, plant and equipment are as follows:

Asset	Life
Buildings	2 to 50 years
Machinery and equipment	2 to 20 years

Ordinary maintenance and repairs are charged to expense as incurred. Major replacements and improvements are capitalized. When properties are retired or otherwise disposed of, the costs of those properties and the related accumulated depreciation are removed from the consolidated balance sheets and the differences between the costs of those properties and the related accumulated depreciation are recognized in other operating income (expenses), net in the consolidated statements of income.

(7) Leases

Komatsu has leasing arrangements as a lessee. Komatsu determines if an arrangement is a lease at the inception of each contract in accordance with FASB ASC 842, "Leases". Some of the contracts include lease and non-lease components, which are not separated and accounted all components as those of a single lease. Additionally, Komatsu has adopted the rule in which an entity does not recognize operating lease right-of-use assets regarding operating leases agreement with an initial estimated lease term of twelve months or less.

Komatsu has leasing arrangements as a lessor. Komatsu determines if an arrangement is a lease at the inception of each contract in accordance with FASB ASC 842, "Leases".

The details are as described in Note 16 "Leases".

(8) Goodwill and Other Intangible Assets

Komatsu uses the acquisition method of accounting for business combinations. Goodwill is tested for impairment at least once annually and between annual tests if an event occurs or circumstances change that would more likely than not reduce the fair value below its carrying amount. Any recognized intangible assets determined to have an indefinite useful life are not to be amortized, but instead tested for impairment at least once annually and between annual tests if an event occurs or circumstances change that would more likely than not reduce the fair value below its carrying amount until its useful life is determined to no longer be indefinite. Intangible assets with finite useful lives are amortized over their respective estimated useful lives and reviewed for impairment whenever there is an indicator of possible impairment. An impairment loss would be recognized when the carrying amount of an asset or an asset group exceeds the estimated undiscounted cash flows expected to be generated by the asset or an asset group. The amount of the impairment loss to be recorded is determined by the difference between the fair value of the asset or an asset group estimated using a discounted cash flow valuation model and carrying value.

(9) Revenue Recognition

Komatsu recognizes revenue based on the following five steps in accordance with FASB ASC 606, "Revenue from Contracts with Customers".

- Step 1: Identify the contracts with a customer
- Step 2: Identify the performance obligations in the contract
- Step 3: Determine the transaction price
- Step 4: Allocate the transaction price to the performance obligations in the contract
- Step 5: Recognize revenue when (or as) the entity satisfies a performance obligation

The details are as described in Note 14 "Revenue".

Taxes collected from customers and paid to governmental-authorities including consumption taxes are excluded from revenue.

(10) Income Taxes

Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences and carryforwards are expected to be realized or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in income in the period that includes the enactment date.

If a tax position meets the more-likely-than-not recognition threshold based on the technical merits of the position, Komatsu recognizes the benefit of such position in the financial statements. The benefit of the tax position is measured at the largest amount of benefit that is greater than 50 percent likely of being realized upon settlement with appropriate taxing authority.

(11) Product Warranties

After the product were sold or delivered, Komatsu repairs and replaces parts free of charge for a certain period in accordance with the contract. Thus, in order to provide for disbursement of the after-sales service costs, provision for product warranties is recognized based on the relevant historical result and is classified as other current liabilities and other liabilities.

(12) Pension and Retirement Benefits

Komatsu recognizes the overfunded or underfunded status of the defined benefit plans as an asset or liability in the consolidated balance sheet, with a corresponding adjustment to accumulated other comprehensive income (loss), net of tax.

Amortization of actuarial net gain or loss is included as a component of Komatsu's net periodic pension cost for defined benefit plans for a year if, as of the beginning of the year, that unrecognized net gain or loss exceeds 10 percent of the greater of (1) the projected benefit obligation or (2) the fair value of that plan's assets. In such case, the amount of amortization recognized is the resulting excess divided by average remaining service period of active employees expected to receive benefits under the plan. The prior service cost due to defined benefit plan amendments is amortized on a straight-line basis over the average remaining service period of employees at the time of occurrence of such cost. The expected return on plan assets is determined based on the historical long-term rate of return on plan assets. The discount rate is determined based on the rates of return of high-quality fixed income investments currently available and expected to be available during the period to maturity of the pension benefits.

(13) Share-Based Compensation

The Company recognizes share-based compensation expense using the fair value method. The compensation expense for the stock option plans is measured at grant-date fair value and charged to expense over the vesting period. The compensation expense for the restricted stock compensation is expensed over the service period and recorded at the expected compensation amount.

(14) Per Share Data

Basic net income attributable to Komatsu Ltd. per share has been computed by dividing net income attributable to common shareholders by the weighted-average number of common shares outstanding during each fiscal year, after deducting treasury stock. Diluted net income attributable to Komatsu Ltd. per share reflects the potential dilution computed on the basis that all stock options were exercised (less the number of treasury stock assumed to be purchased from proceeds using the average market price of the Company's common shares) to the extent that each is not antidilutive.

(15) Cash and Cash Equivalents

Cash and cash equivalents include highly liquid investments with an original maturity of three months or less at the date of purchase.

Komatsu's overseas subsidiaries participate in a global cash pooling system based on agreement with a single financial institution, which is used to fund short-term liquidity needs. This agreement contains specific provisions for the right to offset positive and negative cash balances on a global basis. The facility allows for cash withdrawals from this financial institution up to our aggregate cash deposits within the same financial institution. Komatsu's consolidated balance sheets as of March 31, 2022 and 2021 reflect cash net of withdrawals of \(\frac{\cupactup{223,400}}{223,400}\) million and \(\frac{\cupactup{221,433}}{221,433}\) million, respectively.

(16) Derivative Financial Instruments

Komatsu uses various derivative financial instruments to manage its interest rate and foreign exchange exposure. All derivatives, including derivatives embedded in other financial instruments, are measured at fair value and recognized as either assets or liabilities on the consolidated balance sheet. Changes in the fair values of derivative instruments not designated or not qualifying as hedges are recognized in earnings in the current period. Changes in the fair values of derivative instruments which designated as fair value hedges are recognized in earnings, along with changes in the fair value of the hedged item. Changes in the fair values of derivative instruments which designated as cash flow hedges are reported in accumulated other comprehensive income (loss), and recognized in earnings when the hedged item is recognized in earnings.

(17) Impairment of Long-Lived Assets and Long-Lived Assets to be Disposed of

Long-lived assets and certain identifiable intangibles to be held and used by Komatsu are reviewed for impairment based on a cash flow analysis of the asset or an asset group whenever events or changes in circumstances indicate that the carrying amount of an asset or an asset group may not be recoverable. The assets to be held for use are considered to be impaired when estimated undiscounted cash flows expected to result from the use of the assets and their eventual disposition is less than their carrying amounts. The impairment losses are measured as the amount by which the carrying amount of the asset or an asset group exceeds the fair value. Long-lived assets and identifiable intangibles to be disposed of are reported at the lower of carrying amount or fair value less cost to sell.

(18) Use of Estimates

Komatsu has made a number of estimates and assumptions that affect the reported amounts of assets, liabilities, revenues and expenses presented in consolidated financial statements prepared in accordance with U.S. GAAP. Actual results could differ from the estimates and assumptions.

Komatsu has identified several areas where it believes estimates and assumptions are particularly critical to the financial statements. These are the determination of the useful lives of property, plant and equipment, the allowance for doubtful receivables, impairment of long-lived assets and goodwill, pension liabilities and expenses, product warranty liabilities, fair value of financial instruments, realization of deferred tax assets, income tax uncertainties and other contingencies. The current economic environment has increased the degree of uncertainty inherent in those estimates.

Regarding the impact of the disruption and so forth in the supply chain, financial sector, and world economy caused by the COVID-19 pandemic and the Ukraine situation on Komatsu's financial position and results of operations, there is uncertainty regarding when such conditions will improve, among other factors. Nevertheless, Komatsu has assumed that a certain level of impact from COVID-19 and the Ukraine situation will continue in the future, based on the information which is available at present and our predictions. Komatsu is making its best estimates based on the assumption to assess the calculation of the estimated credit losses, the likelihood of recovery of deferred tax assets and the impairment losses on long-lived assets and goodwill given these items are relatively material among the accounting estimates. However, if actual future trends deviate from the assumption, Komatsu's financial position and results of operations may be adversely affected.

(19) Recnetly Issued Accounting Standards Not Yet Adopted

In June 2016, the FASB issued ASU 2016-13 "Financial Instruments — Credit Losses: Measurement of Credit Losses on Financial Instruments". This update requires an entity to recognize credit losses for many financial assets based on current expected credit loss model instead of existing incurred loss model. The new current expected credit loss model requires an entity to immediately recognize estimated credit losses expected to occur over the remaining life of the financial assets which are within the scope of this update. For all entities other than SEC filers, this update was planned to be effective for annual reporting periods beginning after December 15, 2020, including interim periods within that reporting period originally. In November 2019, the FASB changed the effective date of this update and this update will be effective for annual reporting periods beginning after December 15, 2022, including interim periods within that reporting period. Early adoption is permitted. This update should be adopted under the modified-retrospective approach through a cumulative-effect adjustment to retained earnings at the beginning of the initial application period. Komatsu will adopt this update from the fiscal year beginning on April 1, 2023 and is currently considering the impact of this update on Komatsu's financial position and results of operations.

2. Supplemental Cash Flow Information

Additional cash flow information for the fiscal years ended March 31, 2022 and 2021 are as follows:

		Millions of yen				
	'	2022		2021		
Additional cash flow information:						
Interest paid	¥	12,123	¥	13,814		
Income taxes paid, net		60,530		35,544		

3. Trade Notes and Accounts Receivable

Receivables at March 31, 2022 and 2021 are summarized as follows:

	Millions of yen					
		2022		2021		
Trade notes and accounts receivable	¥	967,569	¥	831,501		
Less: allowance-current		(12,989)		(10,803)		
Trade notes and accounts receivable, net	¥	954,580	¥	820,698		
Long-term trade receivables		510,955		453,206		
Less: allowance-noncurrent		(9,087)		(6,346)		
Long-term trade receivables, net	¥	501,868	¥	446,860		

Installment and lease receivables (less unearned interest) are included in trade notes and accounts receivable and long-term trade receivables.

The roll-forward schedule of the allowance for credit losses of the financing receivables of retail finance business (hereinafter "retail finance receivables") for the fiscal years ended March 31, 2022 and 2021 are as follows:

		Millions of yen					
		2022			2021		
Balance at beginning of year	¥	1	11,894	¥	9,221		
Provision			5,345		6,277		
Charge-offs			(2,322)		(4,027)		
Other			1,231		423		
Balance at end of year	¥	1	16,148	¥	11,894		

Komatsu considers that retail finance receivables are past due, if unpaid for greater than 30 days. The balance of retail finance receivables at March 31, 2022 and 2021 were \pm 885,164 million and \pm 761,691 million, respectively. Cumulative past due retail financing receivables (31-90 days, greater than 90 days) at March 31, 2022 and 2021 were summarized as follows:

		Millions of yen					
		2022		2021			
31-90 days past due	¥	1,293	¥	1,738			
Greater than 90 days past due		3,262		2,669			
Total past due	¥	4,555	¥	4,407			

Nonaccrual financing receivables at March 31, 2022 and 2021 were not material.

Komatsu did not have any cash flows from securitization activities for the fiscal years ended March 31, 2022 and 2021.

Komatsu did not have any securitized trade notes and accounts receivable at March 31, 2022 and 2021.

4. Inventories

At March 31, 2022 and 2021, inventories comprise the following:

		Millions of yen					
		2022		2021			
Finished products, including finished parts held for sale	¥	666,538	¥	571,103			
Work in process		206,481		159,515			
Materials and supplies		114,992		63,234			
Total	¥	988,011	¥	793,852			

5. Investment Securities

The realized gains and losses and gross unrealized holding gains and losses for such equity securities which are recorded in other income (expenses), net in the accompanying consolidated statements of income, respectively, for the fiscal years ended March 31, 2022 and 2021 are as follows:

	Millions of yen					
		2022		2021		
Net gains and losses recognized during the year on equity securities	¥	737	¥	47		
Less: net gains and losses recognized during the year on equity securities sold during the year		2		6		
Unrealized gains and losses recognized during the year on equity securities still held as of March 31, 2022 and 2021	¥	735	¥	41		

Komatsu measures equity securities without readily determinable fair values at the carrying amount after the write-down due to impairment, except for investments which are measured at net asset value per share. If Komatsu identifies observable price changes in orderly transactions for identical or similar investments issued by the same issuer, Komatsu measures the equity security at fair value as of the date that the observable transaction occurred. As of March 31, 2022 and 2021, the carrying amounts of these investments were \mathbb{\feft}8,377 million and \mathbb{\feft}8,236 million, respectively. Any impairment or any adjustment relating to observable price changes recorded until March 31, 2022 and 2021 were not material.

6. Investments in and Advances to Affiliated Companies

At March 31, 2022 and 2021, investments in and advances to affiliated companies comprised the following:

		Millions of yen			
		2022	2021		
Investments in capital stock	¥	42,938	¥	37,707	
Advances		2,975		1,579	
Total	¥	45,913	¥	39,286	

The investments in and advances to affiliated companies relate mainly to 20% to 50% of voting rights owned companies whereby Komatsu has the ability to exercise significant influence over the operational and financial policies.

At March 31, 2022 and 2021, trade notes and accounts receivable and short-term loans receivable from and trade notes, bills and accounts payable to affiliated companies comprised the following:

		Millions of yen			
		2022	2021		
Trade notes and accounts receivable, net	¥	29,883	¥	28,417	
Short-term loans receivable		1,612		1,296	
Trade notes, bills and accounts payable		9,078		8,997	

Net sales to and dividends received from affiliated companies for the fiscal years ended March 31, 2022 and 2021 are as follows:

	Millions of yen 2022 2021			
	2	022	2021	
Net sales	 F	97,972	¥	70,092
Dividends		3,293		1,453

Intercompany profits (losses) have been eliminated in the consolidated financial statements.

As of March 31, 2022 and 2021, consolidated unappropriated retained earnings included Komatsu's share of undistributed earnings of affiliated companies accounted for by the equity method in the amount of ¥25,285 million and ¥25,062 million, respectively.

The difference between the carrying value of the investments in affiliated companies and Komatsu's equity in the underlying net assets of such affiliated companies is insignificant as of March 31, 2022 and 2021.

Summarized financial information for affiliated companies as of March 31, 2022 and 2021, and for the fiscal years ended March 31, 2022 and 2021 is as follows:

		Millions of yen			
	2022			2021	
Current assets	¥	168,462	¥	148,689	
Net property, plant and equipment – less accumulated depreciation and amortization		59,079		54,653	
Investments and other assets		43,058		32,151	
Total assets	¥	270,599	¥	235,493	
Current liabilities	¥	107,376	¥	92,618	
Noncurrent liabilities		45,875		32,883	
Equity		117,348		109,992	
Total liabilities and equity	¥	270,599	¥	235,493	
	Millions of yen				
		2022		2021	
Net sales	¥	257,429	¥	211,911	
Net income		11,591		8,649	

7. Property, Plant and Equipment

The major classes of property, plant and equipment at March 31, 2022 and 2021 are as follows:

	Millions of yen				
		2022		2021	
Land	¥	116,687	¥	112,403	
Buildings		592,416		540,582	
Machinery and equipment		739,375		691,456	
Equipment leased to others		322,541		334,862	
Construction in progress		45,799		52,150	
Total		1,816,818		1,731,453	
Less: accumulated depreciation and amortization		(997,069)		(944,080)	
Net property, plant and equipment	¥	819,749	¥	787,373	

Depreciation for the fiscal years ended March 31, 2022 and 2021 were \\$109,024 million and \\$109,574 million, respectively.

8. Pledged Assets

At March 31, 2022 and 2021, assets pledged as collateral for guarantees for debt are as follows:

	Millions of yen				
	2022			2021	
Other current assets	¥	3	¥	149	
Total	¥	3	¥	149	

The above assets were pledged against the following liabilities:

	Millions of yen				
	202	2	2021		
Guarantees for debt	¥	3	¥	149	
Total	¥	3	¥	149	

9. Goodwill and Other Intangible Assets

Intangible assets other than goodwill at March 31, 2022 and 2021 are as follows:

	Millions of yen								
		2022			2021				
	Gross carrying amount Accumulated amortization		Net carrying amount	Gross carrying amount	Accumulated amortization	Net carrying amount			
Other intangible assets subject to									
amortization:									
Software	¥ 72,173	¥ (33,265)	¥ 38,908	¥ 63,605	¥ (25,376)	¥ 38,229			
Leasehold	8,259	(2,256)	6,003	7,146	(1,842)	5,304			
Trademarks	61,873	(20,856)	41,017	56,262	(15,241)	41,021			
Customer relationships	82,195	(35,051)	47,144	77,204	(29,170)	48,034			
Technology assets	41,435	(16,239)	25,196	39,278	(13,415)	25,863			
Other	8,871	(6,347)	2,524	7,278	(4,757)	2,521			
Total	274,806	(114,014)	160,792	250,773	(89,801)	160,972			
Other intangible assets not subject to amortization			8,211			8,009			
Total other intangible assets			¥ 169,003			¥ 168,981			

The aggregate amortization expense of other intangible assets subject to amortization for the fiscal years ended March 31, 2022 and 2021 were ¥24,232 million and ¥20,858 million, respectively.

At March 31, 2022, the future estimated amortization expenses for each of five years relating to intangible assets currently recorded in the consolidated balance sheet are as follows:

Year ending March 31	N	Millions of yen
2023	¥	25,033
2024		22,482
2025		19,336
2026		15,718
2027		13,135

The changes in carrying amounts of goodwill by operating segment for the fiscal years ended March 31, 2022 and 2021 are as follows:

	Millions of yen							
	Minir	nstruction, ng and Utility	Retai	l Finance	Mac	ndustrial chinery and		Total
Balance at March 31, 2020	E	quipment				Others		
Goodwill		167,995		648		15,017		183,660
Accumulated impairment losses		(12,203)		_		(13,936)		(26,139)
1	¥	155,792	¥	648	¥	1,081	¥	157,521
Foreign exchange impact		13,179		180				13,359
Goodwill sold during the year		(193)		_		_		(193)
Balance at March 31, 2021								
Goodwill		180,981		828		15,017		196,826
Accumulated impairment losses		(12,203)		_		(13,936)		(26,139)
	¥	168,778	•	828	•	1,081	•	170,687
Goodwill acquired during the year		259		_		_		259
Foreign exchange impact		16,594		75		_		16,669
Balance at March 31, 2022								
Goodwill		197,834		903		15,017		213,754
Accumulated impairment losses		(12,203)		_		(13,936)		(26,139)
	¥	185,631	¥	903	¥	1,081	¥	187,615

10. Short-Term and Long-Term Debt

(1) Short-term debt at March 31, 2022 and 2021 consisted of the following:

		Millions of yen			
		2022	2021		
Banks, insurance companies and other financial institutions	¥	116,563	¥	80,804	
Commercial paper		125,183		190,658	
Short-term debt	¥	241,746	¥	271,462	

The weighted-average annual interest rates applicable to short-term debt outstanding at March 31, 2022 and 2021 were 0.5% and 0.6%, respectively.

The Company and certain consolidated subsidiaries have entered into contracts for committed credit lines totaling \$277,259 million and have unused committed lines of credit amounting to \$261,619 million with certain financial institutions at March 31, 2022 which are available for full and immediate borrowings. The Company and Komatsu Finance America Inc. are a party to a committed \$200,000 million and U.S.\$1,100 million commercial paper program and unused committed commercial paper program amounting to \$119,000 million and U.S.\$739 million at March 31, 2022 are available upon the satisfaction of certain customary procedural requirements.

(2) Long-term debt at March 31, 2022 and 2021 consisted of the following:

	Millions of yen			
	2022			2021
Long-term debt without collateral:		_		
Banks, insurance companies and other financial institutions maturing serially through 2022–2028, weighted-average rate 2.2%	¥	385,587	¥	340,807
Euro Medium Term Notes maturing serially through 2022–2026, weighted-average rate 1.7%		150,380		138,397
2.44% Unsecured Bonds due 2022		61,177		55,300
0.001% Unsecured Bonds due 2023		40,000		40,001
0.85% Unsecured Bonds due 2023		36,643		33,098
0.11% Unsecured Bonds due 2024		20,000		20,000
0.13% Unsecured Bonds due 2025		10,000		10,000
Other		1,847		918
Total		705,634		638,521
Less: current maturities		(276,623)		(98,004)
Long-term debt	¥	429,011	¥	540,517

(3) The Company, Komatsu Finance America Inc. and Komatsu Europe Coordination Center N.V. registered as an issuer under the Euro Medium Term Note (hereinafter "EMTN") program on the London Stock Exchange. The registered amount of the EMTN program at March 31, 2022 and 2021 both were U.S.\$2,000 million. Under the EMTN program, each of the issuers may from time to time issue notes denominated in any currency as may be agreed between the relevant issuers and dealers. The issuers under the EMTN program issued \(\frac{\pma}{4}\)0,231 million during the fiscal year ended March 31, 2022 and \(\frac{\pma}{4}\)47,797 million during the fiscal year ended March 31, 2021.

In November 2020, the Company's bond program was renewed so that it could issue up to \\pm 100,000 million of variable-term bonds within a two-year period. As of March 31, 2022, \\pm 100,000 million remained unused under this program. In September 2017, the Komatsu Finance America Inc. issued U.S.\\$500 million of variable-term bonds within a five-year period and also issued U.S.\\$300 million of variable-term bonds within a three-year period in September 2020. On the other hand, \\\pm 70,000 million in the aggregate principal amount of bonds outstanding as of March 31, 2022 was issued under the past bond program prior to its 2020 renewal.

- (4) As is customary in Japan, substantially all long-term and short-term bank loans are made under general agreements.
- (5) Maturities of long-term debt at March 31, 2022 and 2021 respectively are as follows. There are no market value adjustments excluded from the amount of 2022 and 2021.

		Million	ns of yen	
		2022		2021
Due within one year	¥	276,623	¥	98,004
Due after one year through two years		181,605		257,462
Due after two years through three years		99,210		128,342
Due after three years through four years		77,952		81,390
Due after four years through five years		64,883		73,242
Due after five years		5,361		81
Total	¥	705,634	¥	638,521

11. Liability for Pension and Other Retirement Benefits

The Company's employees, with certain minor exceptions, are covered by a defined benefit pension plan consisting of a lump-sum severance payment and a defined benefit cash balance pension plan. Under the plan, the amount of retirement benefit payments is calculated based on the accumulated number of points added every year according to each employee's remuneration level and performance evaluation and market related interest rate. The plan provides that approximately 60% of the retirement benefits are payable as a pension payment and that the remaining benefits are payable as a lump-sum severance payment. The plan also provides for retirement benefit payments, payable upon earlier termination of employment.

Certain subsidiaries have various funded pension plans and/or unfunded severance payment plans for their employees, which are based on years of service and certain other factors. Komatsu's funding policy is to contribute the amounts to provide not only for benefits attributed to service to date but also for those expected to be earned in the future.

In the fiscal year ended March 31, 2022 and 2021, the Company and certain subsidiaries in Japan, to respond to diversifying the work style of employees, decided and carried out to introduce a retirement scheme with an option to choose retirement age (a system allowing employees to choose their retirement age; either 60 or 65 for general employees and 60 or 62 for employees assuming management position), to make revisions to a retirement benefit plan, including partial transition to a defined contribution pension plan and to promote the Mid-Career support program.

Due to such revisions in plans whereby retirement benefits are added consistently until the employees' age reaches the selected retirement age, Komatsu's benefit obligations increased by ¥1,175 million and ¥11,989 million for the fiscal years ended March 31, 2022 and 2021 respectively and the same amounts of prior service cost were incurred. The prior service cost is amortized on a straight-line basis over the average remaining service period of employees at the time of occurrence of such cost.

In addition, due to the partial transition to a defined contribution pension plan, gains on settlements of \(\frac{\cup}{2}\),486 million recognized for the fiscal year ended March 31, 2022.

The reconciliation of beginning and ending balances of the benefit obligations and the fair value of the plan assets of the defined benefit plans are as follows:

	Millions of yen												
		202				202							
		Domestic	(Overseas	E	Oomestic	(Overseas					
Change in benefit obligations:													
Benefit obligations, beginning of year	¥	154,503	¥	240,495	¥	138,563	¥	219,518					
Service cost		7,928		1,018		9,174		973					
Interest cost		92		5,239		81		6,024					
Actuarial loss (gain)		(5,723)		(14,082)		1,535		13,332					
Plan participants' contributions		_		149		_		125					
Plan amendment		1,175		564		11,989		385					
Settlements		(15,634)		(1,860)		_		(1,386)					
Benefits paid		(3,561)		(13,365)		(6,839)		(12,294)					
Foreign currency exchange rate change		_		20,366		_		13,818					
Benefit obligations, end of year	¥	138,780	¥	238,524	¥	154,503	¥	240,495					
Change in plan assets:					-								
Fair value of plan assets, beginning of year	¥	89,271	¥	221,624	¥	82,302	¥	203,019					
Actual return on plan assets		1,531		537		7,425		15,961					
Employers' contributions		3,103		1,742		3,666		1,535					
Plan participants' contributions		_		149		_		125					
Settlements		(10,575)		(1,860)		_		(1,386)					
Benefits paid		(1,578)		(12,926)		(4,122)		(11,858)					
Foreign currency exchange rate change		_		18,069		_		14,228					
Fair value of plan assets, end of year	¥	81,752	¥	227,335	¥	89,271	¥	221,624					
Funded status, end of year		¥ (57,028)		(11,189)	¥ (65,232)		¥	(18,871)					
				•									

Amounts recognized in the consolidated balance sheets at March 31, 2022 and 2021 are as follows:

				Millions	of yen				
		202	22	•		202	21		
	Domestic Overseas				D	omestic	Overseas		
Deferred income taxes and other assets	¥	_	¥	20,147	¥		¥	14,191	
Other current liabilities		(85)		(686)		(57)		(637)	
Liability for pension and retirement benefits		(56,943)		(30,650)		(65,175)		(32,425)	
	¥	(57,028)	¥	(11,189)	¥	(65,232)	¥	(18,871)	

Amounts recognized in accumulated other comprehensive income (loss) at March 31, 2022 and 2021 are as follows:

	Millions of yen												
		20:	22			202	21						
	Do	omestic	0	verseas	De	omestic	0	verseas					
Actuarial loss	¥	10,746	¥	16,575	¥	18,930	¥	22,359					
Prior service cost		13,592		1,612		13,197		1,178					
	¥	24,338	¥	18,187	¥	32,127	¥	23,537					

The accumulated benefit obligations for all defined benefit plans at March 31, 2022 and 2021 are as follows:

				Millions	s of yen				
		202	22			202	21	_	
	I	Domestic Overseas			D	omestic	Overseas		
Accumulated benefit obligations	¥	116,240	¥	235,915	¥	137,945	¥	236,825	

Information for pension plans with accumulated benefit obligations in excess of plan assets and pension plans with projected benefit obligations in excess of plan assets is as follows:

				Millions	of yen				
		202	22		2021				
	Γ	Oomestic	Overseas		Domestic		O	verseas	
Plans with accumulated benefit obligations in									
excess of plan assets:									
Accumulated benefit obligations	¥	114,956	¥	128,543	¥	136,763	¥	193,670	
Fair value of plan assets		80,089		99,217		87,752		163,481	
Plans with projected benefit obligations in									
excess of plan assets:									
Projected benefit obligations	¥	138,780	¥	132,611	¥	154,503	¥	198,454	
Fair value of plan assets		81,752		101,275		89,271		165,392	

Net periodic cost of Komatsu's defined benefit plans for the fiscal years ended March 31, 2022 and 2021 consisted of the following components:

				Millions	of yen			
		202	2			202	1	
	De	omestic	0	verseas	Do	mestic	O	verseas
Service cost	¥	7,928	¥	1,018	¥	9,174	¥	973
Interest cost on projected benefit obligations		92		5,239		81		6,024
Expected return on plan assets		(1,196)		(9,020)		(1,240)		(8,590)
Amortization of actuarial loss or gain		196		185		1,061		267
Amortization of prior service cost		780		130		304		116
Gains recognized due to partial settlements		(2,486)		_		_		_
Net periodic cost	¥	5,314	¥	(2,448)	¥	9,380	¥	(1,210)

Net periodic cost components other than the service cost are recorded in other income (expenses), net in the accompanying consolidated statements of income.

Other changes in plan assets and benefit obligations recognized in other comprehensive income (loss) for the fiscal years ended March 31, 2022 and 2021 are summarized as follows:

				Millions	of yen			
		202	22			202	1	
	Domestic			verseas	De	omestic	Ov	erseas
Current year actuarial loss (gain)	¥	(6,058)	¥	(5,599)	¥	(4,650)	¥	5,961
Amortization of actuarial loss or gain		(2,126)		(185)		(1,061)		(267)
Current year prior service cost		1,175		564		11,989		385
Amortization of prior service cost		(780)		(130)		(304)		(116)
	¥	(7,789)	¥	(5,350)	¥	5,974	¥	5,963

Weighted-average assumptions used to determine benefit obligations of Komatsu's defined benefit plans at March 31, 2022 and 2021 are as follows:

	20	22	20	21
	Domestic	Overseas	Domestic	Overseas
Discount rate	0.4%	3.5%	0.1%	2.8%
Assumed rate of increase in future compensation levels (Point-based benefit system)	4.1%	_	4.1%	_
Assumed rate of increase in future compensation levels	2.6%	4.2%	2.6%	3.7%
Interest crediting rate for cash balance plans	1.0%	_	1.0%	_

Weighted-average assumptions used to determine net periodic cost of Komatsu's defined benefit plans for the fiscal years ended March 31, 2022 and 2021 are as follows:

	20	22	20	21
	Domestic	Overseas	Domestic	Overseas
Discount rate	0.1%	2.8%	0.1%	3.1%
Assumed rate of increase in future compensation levels (Point-based benefit system)	4.1%	_	4.5%	_
Assumed rate of increase in future compensation levels	2.6%	3.7%	2.6%	3.1%
Expected long-term rate of return on plan assets	1.5%	4.2%	1.5%	4.4%
Interest crediting rate for cash balance plans	1.0%	_	1.0%	_

The Company and certain Japanese subsidiaries have defined benefit cash balance pension plans. These companies adopt the assumed rate of increase in future compensation levels under the point-based benefit system. Komatsu determines the expected long-term rate of return on plan assets based on the consideration of the current expectations for future returns and actual historical returns of each plan asset category.

Plan assets

In order to secure long-term comprehensive earnings, Komatsu's investment policy is designed to ensure adequate plan assets to provide future payments of pension benefits to eligible participants. Taking into account the expected long-term rate of return on plan assets, Komatsu formulates a basic portfolio comprised of the judged optimum combination of equity and debt securities. Plan assets are principally invested in equity securities, debt securities and life insurance company general accounts in accordance with the guidelines of the basic portfolio in order to produce a total return that will match the expected return on a mid-term to long-term basis. Komatsu evaluates the gap between expected return and actual return of invested plan assets on an annual basis to determine if such differences necessitate a revision in the formulation of the basic portfolio. Komatsu revises the basic portfolio when and to the extent considered necessary to achieve the expected long-term rate of return on plan assets.

The "Pension and Retirement Benefit Committee" is organized in the Company in order to periodically monitor the performance of such plan assets.

The Company and its Japanese subsidiaries' targeted basic portfolio for plan assets consists of three major components: approximately 20% invested in equity securities, approximately 30% invested in debt securities, and approximately 50% invested in other assets, primarily consisting of investments in life insurance company general accounts. Foreign subsidiaries' targeted basic portfolio for plan assets, which varies by country, primarily consists of as follows: approximately 35% invested in equity securities and approximately 65% invested in debt securities. The equity securities are selected primarily from stocks that are listed on the securities exchanges. Prior to investing, Komatsu has investigated the business condition of the investee companies, and appropriately diversified investments by type of industry and other relevant factors. The debt securities are selected primarily from government bonds and municipal bonds, and corporate bonds. Prior to investing, Komatsu has investigated the quality of the issue, including credit rating, interest rate and repayment dates, and has appropriately diversified the investments. As for investments in life insurance company general accounts, the contracts with the insurance companies include a guaranteed interest rate and return of capital. With respect to investments in foreign investment assets, Komatsu has investigated the stability of the underlying governments and economies, the market characteristics such as settlement systems and the taxation systems. For each such investment, Komatsu has selected the appropriate investment country and currency. There is no significant concentration of risk within the portfolio of investments.

The three levels of input used to measure fair value are more fully described in Note 21.

The fair values of benefit plan assets at March 31, 2022 and 2021 by asset class are as follows:

					Million	ns of yen				
			Domestic					Overseas		
				Investments		- '			Investments	
	Level 1	Level 2	Level 3	measured at	Total	Level 1	Level 2	Level 3	measured at	Total
At March 31, 2022				net asset value					net asset value	
Plan assets										
Cash	¥ 658	¥ —	¥ –	¥ —	¥ 658	¥ (1,507)	¥ – :	¥ –	¥ - ¥	(1,507)
Equity securities										
Japanese equities	8,533	_	_	_	8,533	516	_	_	_	516
Foreign equities	8,800	_	-	787	9,587	2,654	52,036	-	41	54,731
Debt securities										
Government bonds and municipal bonds	16,775	167	_	_	16,942	443	43,163	_	_	43,606
Corporate bonds	_	3,158	_	_	3,158	682	104,284	1,980	_	106,946
Other assets										
Life insurance company general account	s –	37,332	_	_	37,332	_	_	_	_	_
Other	449	683	1,102	3,308	5,542	498	5,053	17,492		23,043
Total	¥ 35.215	¥ 41.340	¥ 1.102	¥ 4.095	¥ 81.752	¥ 3.286	¥ 204.536	¥ 19.472	¥ 41 ¥	227.335

		Millions of yen															
					Domestic							0	verseas				
		Investm											Investments				
	Leve	el 1	Level	2	Level 3	measured at		Total		Level 1	Level 2	I	Level 3	measured at		Total	
At March 31, 2021						net asset value	9							net asset value			
Plan assets																	
Cash	¥	528	¥	- 1	¥ –	¥ –	¥	528	¥	(2,132) ¥	-	¥	_	¥ –	¥	(2,132)	
Equity securities																	
Japanese equities		9,658		_	_	_		9,658		939	_		_	_		939	
Foreign equities		9,729		-	-	875		10,604		11,555	38,900		_	35		50,490	
Debt securities																	
Government bonds and municipal bonds	2	2,031		180	-	_		22,211		495	45,230		_	_		45,725	
Corporate bonds		225	3,	438	_	_		3,663		544	107,942		1,886	_		110,372	
Other assets																	
Life insurance company general accounts	s	_	37,	040	_	_		37,040		_	_		_	_		_	
Other		343		751	1,135	3,338		5,567		341	3,781		12,108			16,230	
Total	¥ 4:	2,514	¥ 41,	409	¥ 1,135	¥ 4,213	¥	89,271	¥	11,742 ¥	195,853	¥	13,994	¥ 35	¥	221,624	

⁽¹⁾ The plan's equity securities include common stock of the Company in the amount of \$ 35 million and \$24 million at March 31, 2022 and 2021 respectively.

⁽²⁾ The plan's government bonds and municipal bonds include approximately 10% Japanese bonds and 90% foreign bonds.

Each level into which assets are categorized is based on inputs used to measure the fair value of the assets, and does not indicate the risks of the assets.

Level 1 assets are comprised principally of equity and debt securities, which are valued using quoted prices in active markets. Level 2 assets are comprised of equity securities, debt securities and investments in life insurance company general accounts. Equity and debt securities are valued using inputs other than quoted prices included within Level 1 that are observable for the assets or liabilities, either directly or indirectly. Investments in life insurance company general accounts are valued at conversion value.

The fair value of Level 3 assets mainly consist of the U.K. buy-in contracts held by foreign subsidiaries. The amount of these buy-in contracts are \(\frac{\pmathbf{1}}{17}\),492 million and \(\frac{\pmathbf{1}}{12}\),108 million at March 31, 2022 and 2021 respectively. These buy-in contracts are categorized as Level 3 due to the lack of active markets for these types of investments and the use of unobservable measurement inputs. Amounts of actual returns on, purchases and sales of, these buy-in contracts for the fiscal years ended March 31, 2022 and 2021 are not material.

Certain investments that are measured at fair value using the net asset value per share (or its equivalent) practical expedient have not been classified in the three-level fair value hierarchy but have been recorded separately.

Cash flows

(1) Contributions

Komatsu expects to contribute \(\frac{\pmathbf{43}}{3}\),112 million and \(\frac{\pmathbf{41}}{148}\) million to their domestic benefit plans and their overseas benefit plans, respectively in the fiscal year ending March 31, 2023.

(2) Estimated future benefit payments

The benefits expected to be paid in each of the next five years, and in the aggregate for the five years thereafter which reflect estimated future employee service are as follows:

	Millions of yen							
Fiscal year ending March 31	Do	mestic	Overseas					
2023	¥	1,817	¥	14,268				
2024		4,653		14,211				
2025		5,684		14,299				
2026		5,355		14,377				
2027		7,081		14,356				
Through 2028-2032		39,324		70,558				

Other postretirement benefit plans

Some U.S. subsidiaries provide certain postretirement health care and life insurance benefits for substantially all of their employees. The plans are contributory, with contributions indexed to salary levels. Employee contributions are adjusted to provide for any costs of the plans in excess of those paid for by the subsidiaries. The policy is to fund the cost of these benefits as claims and premiums are paid. In the fiscal year ended March 31, 2008 certain U.S. subsidiaries established a Voluntary Employees' Beneficiary Association ("VEBA") trust to hold assets and pay substantially all of these subsidiaries' self-funded post employment benefit plan obligations. The VEBA trust arrangement provides for segregation and legal restriction of the plan assets to satisfy plan obligations, and tax deductibility for contributions to the trust, subject to certain tax code limitations.

The reconciliation of beginning and ending balances of the accumulated postretirement benefit obligations and the fair value of the plan assets of the U.S. subsidiaries' plans are as follows:

	Millions of yen				
		2022		2021	
Change in accumulated postretirement benefit obligations:					
Accumulated postretirement benefit obligations, beginning of year	¥	14,806	¥	15,160	
Service cost		481		511	
Interest cost		317		410	
Actuarial loss (gain)		(703)		(886)	
Plan amendment		(932)		_	
Settlements		(2,320)		_	
Benefits paid		(813)		(767)	
Foreign currency exchange rate change		1,279		378	
Accumulated postretirement benefit obligation, end of year	¥	12,115	¥	14,806	
Change in plan assets:					
Fair value of plan assets, beginning of year	¥	12,301	¥	10,406	
Actual return on plan assets		209		1,981	
Employers' contributions		203		145	
Settlements		(2,320)		_	
Benefits paid		(512)		(485)	
Foreign currency exchange rate change		1,075		254	
Fair value of plan assets, end of year	¥	10,956	¥	12,301	
Funded status, end of year	¥	(1,159)	¥	(2,505)	

Amounts recognized in the consolidated balance sheets at March 31, 2022 and 2021 are as follows:

		Millions of yen					
		2022		2021			
Deferred income taxes and other assets	¥	4,464	¥	3,737			
Other current liabilities		(189)		(196)			
Liability for pension and retirement benefits		(5,434)		(6,046)			
	¥	(1,159)	¥	(2,505)			

Amounts recognized in accumulated other comprehensive income (loss) at March 31, 2022 and 2021 are as follows:

		Millions of yen				
		:	2022		2021	
Actuarial loss (gain)	•	¥	(1,047)	¥	(1,019)	
Prior service cost			(1,757)		(1,031)	
		¥	(2,804)	¥	(2,050)	

Accumulated postretirement benefit obligations exceed plan assets for most of the U.S. subsidiaries' plans.

Net periodic cost of the U.S. subsidiaries' plans for the fiscal years ended March 31, 2022 and 2021 included the following components:

	Millions of yen				
		2022		2021	
Service cost	¥	481	¥	511	
Interest cost on projected benefit obligations		317		410	
Expected return on plan assets		(539)		(493)	
Amortization of actuarial loss or gain		10		71	
Amortization of prior service cost		(206)		(118)	
Gains recognized due to partial settlements		(355)		_	
Net periodic cost	¥	(292)	¥	381	

Net periodic cost components other than the service cost are recorded in other income (expenses), net in the accompanying consolidated statements of income.

Other changes in plan assets and accumulated postretirement benefit obligations recognized in other comprehensive income (loss) for the fiscal years ended March 31, 2022 and 2021 are summarized as follows:

	Millions of yen				
	2	2022		2021	
Current year actuarial loss (gain)	¥	(373)	¥	(2,374)	
Amortization of actuarial loss or gain		345		(71)	
Current year prior service cost		(932)		_	
Amortization of prior service cost		206		118	
	¥	(754)	¥	(2,327)	

Weighted-average assumptions used to determine accumulated postretirement benefit obligations of the U.S. subsidiaries' plans at March 31, 2022 and 2021 are as follows:

	2022	2021
Discount rate	3.8%	3.2%
Assumed rate of increase in future compensation levels	4.0%	4.0%
Current healthcare cost trend rate	6.1%	5.9%
Ultimate healthcare cost trend rate	4.9%	5.0%
Number of years to reach ultimate healthcare cost trend rate	6	4

Weighted-average assumptions used to determine net periodic cost of the U.S. subsidiaries' plans for the fiscal years ended March 31, 2022 and 2021 are as follows:

	2022	2021
Discount rate	3.2%	3.3%
Assumed rate of increase in future compensation levels	4.0%	4.0%
Expected long-term rate of return on plan assets	4.8%	5.0%
Current healthcare cost trend rate	5.9%	6.3%
Ultimate healthcare cost trend rate	5.0%	4.9%
Number of years to reach ultimate healthcare cost trend rate	4	5

Plan assets

The U.S. subsidiaries' investment policies are to provide returns that will maximize principal growth while accepting only moderate risk.

The U.S. subsidiaries' asset portfolio will be invested in a manner that emphasizes safety of capital while achieving total returns consistent with prudent levels of risk. The basic portfolio for the plan assets are comprised approximately of 35% equity securities and 65% debt securities.

The equity securities are selected primarily from stocks that are listed on the securities exchanges. Prior to investing, the U.S. subsidiaries have investigated the business condition of the invested companies, and appropriately diversified investments by type of industry and other relevant factors. The debt securities are selected primarily from government bonds and municipal bonds, and corporate bonds. Prior to investing, the U.S. subsidiaries have investigated the quality of the issue, including credit rating, interest rate and repayment dates, and have appropriately diversified the investments. There is no significant concentration of risk within the portfolio of investments.

The three levels of input used to measure fair value are more fully described in Note 21.

The fair values of postretirement benefit plan assets at March 31, 2022 and 2021 by asset class are as follows:

	Millions of yen									
1.1X 1.21.2022	L	evel 1	Level 2		Level 3		measured at net			Total
At March 31, 2022 Plan assets							asset	t value		
Cash	¥	791	¥		¥		¥		¥	791
Equity securities	+	/ 91	+	_	+		+	_	+	/ 91
Foreign equities		4,100								4,100
Debt securities		4,100		_		_		_		4,100
Government bonds and municipal bonds				3,919						3,919
Corporate bonds		228		1,596		_		_		1,824
Other assets		226		1,390		_		_		1,024
Other				322						322
Total	¥	5 110	¥		¥		¥		¥	
Total	*	5,119	*	5,837	*		*		*	10,956
					Millio	ons of yen				
		1 1	т	1.2				stments		T-4-1
At March 31, 2021		evel 1	I	evel 2		evel 3	measur	red at net		Total
At March 31, 2021 Plan assets	I	evel 1	I	evel 2			measur			Total
	¥	evel 1 479	¥	evel 2			measur	red at net	¥	Total 479
Plan assets Cash				evel 2	L		measur	red at net	¥	
Plan assets				evel 2	L		measur	red at net	¥	
Plan assets Cash Equity securities		479		evel 2	L		measur	red at net	¥	479
Plan assets Cash Equity securities Foreign equities Debt securities		479		evel 2 - 4,994	L		measur	red at net	¥	479
Plan assets Cash Equity securities Foreign equities Debt securities Government bonds and municipal bonds		479			L		measur	red at net	¥	479 4,672 4,994
Plan assets Cash Equity securities Foreign equities Debt securities		479 4,672		_ _ _ 4,994	L		measur	red at net	¥	479 4,672
Plan assets Cash Equity securities Foreign equities Debt securities Government bonds and municipal bonds Corporate bonds		479 4,672		_ _ _ 4,994	L		measur	red at net	¥	479 4,672 4,994
Plan assets Cash Equity securities Foreign equities Debt securities Government bonds and municipal bonds Corporate bonds Other assets		479 4,672		- 4,994 1,412	L		measur	red at net	¥	479 4,672 4,994 1,792

Note: The plan's government bonds consist of U.S. government bonds.

Each level into which assets are categorized is based on inputs used to measure the fair value of the assets, and does not indicate the risks of the assets.

Level 1 assets are comprised principally of equity securities, which are valued using quoted prices in active markets. Level 2 assets are comprised of debt securities, which are valued using inputs other than quoted prices included within Level 1 that are observable for the assets or liabilities, either directly or indirectly.

Cash flows

(1) Contributions

The U.S. subsidiaries will not expect to contribute to their postretirement benefit plans in the fiscal year ending March 31, 2023.

(2) Estimated future benefit payments

The benefits expected to be paid in each of the next five years, and in the aggregate for the five years thereafter which reflect estimated future employee service are as follows:

Fiscal year ending March 31	Millions of yen
2023	¥ 775
2024	777
2025	777
2026	764
2027	751
Through 2028-2032	3,673

Directors of Japanese subsidiaries are primarily covered by unfunded retirement allowance plans. At March 31, 2022 and 2021, the amounts required if all directors covered by the plans had terminated their service have been fully accrued. Such amounts are not material to Komatsu's financial position and results of operations for any of the periods presented.

Certain subsidiaries maintain various defined contribution plans covering certain employees. The amount of cost recognized for the fiscal years ended March 31, 2022 and 2021 are \(\frac{1}{2}\)10,383 million and \(\frac{4}{2}\)9,881 million, respectively.

12. Komatsu Ltd. Shareholders' Equity

(1)At March 31, 2022 and 2021, affiliated companies owned 847,700 and 824,200 shares which represent 0.09% and 0.09% of the Company's common shares outstanding, respectively.

(2) The Companies Act of Japan (hereinafter "the Act") imposes certain limitations on the amount of retained earnings available for dividends. Accordingly, total shareholders' equity of ¥572,304 million, included in the Company's general books of account as of March 31, 2022 is available for dividends under the Act.

The payment of a cash dividend totaling ¥52,963 million to shareholders of record on March 31, 2022 will be discussed at the Ordinary General Meeting of Shareholders held on June 21, 2022. The dividend has not been reflected in the consolidated financial statements as of March 31, 2022. Dividends are reported in the consolidated statements of equity when they are approved.

(3) The Company had a stock option plan as stock-based remuneration.

The stock option plans resolved by the meeting of the Board of Directors held in and after July 2010.

The right to purchase the Company's shares is granted at an exercise price of ¥1 per share to directors and certain employees, and certain representative directors of major subsidiaries.

The Company transfers treasury stock without issuance of new stock when the Stock Acquisition Rights are exercised.

The following table summarizes information about stock option activities for the fiscal years ended March 31, 2022 and 2021:

	2	022	2021				
		Weighted average	•	Weighted average			
	Number	exercise price	Number	exercise price			
	of shares	Yen	of shares	Yen			
Outstanding at beginning of year	291,500	¥	478,300	¥ 1			
Granted	_	_	<u> </u>	_			
Exercised	(141,800)		(186,800)	1			
Forfeited	_	_	<u> </u>	_			
Outstanding at end of year	149,700		291,500	1			
Exercisable at end of year	149,700		291,500	1			

The intrinsic values of options exercised were ¥413 million and ¥447 million for the fiscal years ended March 31, 2022 and 2021.

The information for options outstanding and options exercisable at March 31, 2022 is as follows:

Outstanding						Options Exercisable					
	Weighted average	Interi	nsic value	Weighted average		Weighted average		Intrinsic value		Weighted average	
	exercise price	mui	lisic value	remaining contractual life		exe	exercise price			isic value	remaining contractual life
Number	V	N	Iillions	V	Number	Number of shares		Yen		Iillions	V
of shares	Yen	of yen		Years	of shares					Yen	
149,700	¥ 1	¥	440	2.7	149,700	¥		1	¥	440	2.7

(4)From the fiscal year ended March 31, 2019, the Company has introduced a new compensation plan, i.e., the restricted stock compensation system for the purpose of providing directors (other than outside directors) and employees of the Company and directors and employees of major subsidiaries (hereinafter the "Eligible Directors, etc.") with medium- to long-term incentives and advancing the sharing of value between the directors and shareholders of the Company. The system is comprised of the following two compensation systems:

Stock-Based Remuneration A (Performance-Based Remuneration for a Single Year)

As an alternative to stock acquisition rights which have been granted as stock-based remuneration, the Company shall determine the amount of remuneration based on the Company's single-year performance, etc. and pay a part of the amount of remuneration so determined in the form of restricted stock to the Eligible Directors, etc. each fiscal year. The restrictions will, in principle, be lifted 3 years after the grant of the granted shares. If, prior to the expiry of the restriction period, the Eligible Director, etc. retires without any reason recognized as legitimate by the Board of Directors of the Company, the Company shall acquire, free of charge, all or part of the granted shares.

Stock-Based Remuneration B (Performance-Based Remuneration Linked to Performance of Mid-Range Management Plan)

With respect to the period of the Company's mid-range management plan, the Company shall grant restricted stock to the Eligible Directors, etc. each fiscal year based on the base amount of remuneration for each position. After the expiry of the period of the mid-range management plan, the Company shall determine the number of shares with respect to which the restrictions will be lifted according to the achievement status of the targets raised in the mid-range management plan, etc. In principle, the Company shall lift the restrictions 3 years after the grant of the granted shares. The Company shall acquire, free of charge, the granted shares with respect to which the Company decides not to lift the restrictions pursuant to the above provision. If, prior to the expiry of the restriction period, the Eligible Director, etc. retires without any reason recognized as legitimate by the Board of Directors of the Company, the Company shall acquire, free of charge, all or part of the granted shares.

The granted shares have the same rights as common shares to net income attributable to Komatsu Ltd. regardless of whether the restrictions are still existing.

Based on the resolutions of the Ordinary General Meeting of Shareholders on June 19, 2018 and the Board of Directors on July 16, 2021, the Company issued 258,190 shares of common shares of the Company as the restricted stock compensation to the Eligible Directors, etc.

Based on the resolutions of the Ordinary General Meeting of Shareholders on June 19, 2018 and the Board of Directors on July 17, 2020, the Company issued 306,380 shares of common shares of the Company as the restricted stock compensation to the Eligible Directors, etc.

The Company recognizes compensation expense using the fair value method. The fair values of the restricted stock are measured at grant-date fair value of common shares of the Company. Compensation expense for the fiscal year ended March 31, 2022 and 2021 were recorded in selling, general and administrative expenses, and were not material to Komatsu's financial position and results of operations.

The following table summarizes information about the restrict stock activities for the fiscal year ended March 31, 2022 and 2021:

	2	2022			2021	
		Weight	ed average		Weigh	ted average
	Number	exerc	ise price	Number	exerc	cise price
	of shares		Yen	of shares		Yen
Outstanding at beginning of year	875,000	¥	2,598	588,450	¥	2,768
Granted	258,190		2,755	306,380		2,275
Lifted	(252,990)		3,098	_		_
Forfeited	_		_	(19,830)		2,652
Outstanding at end of year	880,200		2,500	875,000		2,598

13. Other Comprehensive Income (Loss)

Changes in accumulated other comprehensive income (loss) for the fiscal years ended March 31, 2022 and 2021 are as follows:

	Millions of yen					
	2022					
	Foreign currency translation adjustments	Pension liability adjustments	Net unrealized holding gains (losses) on derivative instruments	Total		
Balance, beginning of the year	¥ (7,186)	¥ (34,290)	¥ (536)	¥ (42,012)		
Other comprehensive income (loss) before	;					
reclassifications	165,147	8,365	(6,221)	167,291		
Amounts reclassified from accumulated						
other comprehensive income (loss)	_	1,804	5,095	6,899		
Net other comprehensive income (loss)	165,147	10,169	(1,126)	174,190		
Less: other comprehensive income (loss)						
attributable to noncontrolling interests	10,218	50	372	10,640		
Other comprehensive income (loss) attributable	;					
to Komatsu Ltd.	154,929	10,119	(1,498)	163,550		
Equity transactions with noncontrolling						
interests	886	_	(10)	876		
Balance, end of the year	¥ 148,629	¥ (24,171)	¥ (2,044)	¥ 122,414		

All amounts are net of tax.

		Millions	s of yen			
	2021					
	Foreign currency translation adjustments	Pension liability adjustments	Net unrealized holding gains (losses) on derivative instruments	Total		
Balance, beginning of the year	¥(103,975)	¥ (26,976)	¥ 285	¥(130,666)		
Other comprehensive income (loss) before	;					
reclassifications	105,466	(8,471)	(503)	96,492		
Amounts reclassified from accumulated						
other comprehensive income (loss)	_	1,174	(187)	987		
Net other comprehensive income (loss)	105,466	(7,297)	(690)	97,479		
Less: other comprehensive income (loss)						
attributable to noncontrolling interests	9,016	17	131	9,164		
Other comprehensive income (loss) attributable	;					
to Komatsu Ltd.	96,450	(7,314)	(821)	88,315		
Equity transactions with noncontrolling						
interests	339	_	_	339		
Balance, end of the year	¥ (7,186)	¥ (34,290)	¥ (536)	¥ (42,012)		

All amounts are net of tax.

Reclassification out of accumulated other comprehensive income (loss) for the fiscal years ended March 31, 2022 and 2021 are as follows:

	Millions of yen	
	2022	Affected line items in
D 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		consolidated statements of income
Pension liability adjustments	(1.0.55)	
Amortization of actuarial loss or gain	¥ (1,966)	
Amortization of prior service cost	(704)	
	(2,670)	Total before tax
	866	Income taxes
	(1,804)	Net of tax
Net unrealized holding gains (losses) on derivative instruments		
Forwards contracts	(2,637)	Net sales
	130	Cost of sales
	(4,971)	Other income (expenses), net: Other, net
	(7,478)	
	2,383	Income taxes
	(5,095)	Net of tax
Total reclassification for the year	¥ (6,899)	Net of tax
•		
	Millions of yen	
	Millions of yen	Affected line items in
Pension liability adjustments		Affected line items in consolidated statements of income
Pension liability adjustments Amortization of actuarial loss or gain	2021	consolidated statements of income
Amortization of actuarial loss or gain	¥ (1,399)	Other income (expenses), net: Other, net
	¥ (1,399) (302)	Other income (expenses), net: Other, net Other income (expenses), net: Other, net
Amortization of actuarial loss or gain	¥ (1,399) (302) (1,701)	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax
Amortization of actuarial loss or gain	¥ (1,399) (302) (1,701) 527	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax Income taxes
Amortization of actuarial loss or gain Amortization of prior service cost Net unrealized holding gains (losses) on derivative	¥ (1,399) (302) (1,701)	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax
Amortization of actuarial loss or gain Amortization of prior service cost Net unrealized holding gains (losses) on derivative instruments	¥ (1,399) (302) (1,701) 527 (1,174)	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax Income taxes Net of tax
Amortization of actuarial loss or gain Amortization of prior service cost Net unrealized holding gains (losses) on derivative	¥ (1,399) (302) (1,701) 527 (1,174)	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax Income taxes Net of tax Net sales
Amortization of actuarial loss or gain Amortization of prior service cost Net unrealized holding gains (losses) on derivative instruments	2021 ¥ (1,399) (302) (1,701) 527 (1,174) 1,886 (369)	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax Income taxes Net of tax Net sales Cost of sales
Amortization of actuarial loss or gain Amortization of prior service cost Net unrealized holding gains (losses) on derivative instruments	2021 ¥ (1,399) (302) (1,701) 527 (1,174) 1,886 (369) (1,246)	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax Income taxes Net of tax Net sales Cost of sales Other income (expenses), net: Other, net
Amortization of actuarial loss or gain Amortization of prior service cost Net unrealized holding gains (losses) on derivative instruments	2021 ¥ (1,399) (302) (1,701) 527 (1,174) 1,886 (369) (1,246) 271	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax Income taxes Net of tax Net sales Cost of sales Other income (expenses), net: Other, net Total before tax
Amortization of actuarial loss or gain Amortization of prior service cost Net unrealized holding gains (losses) on derivative instruments	2021 ¥ (1,399) (302) (1,701) 527 (1,174) 1,886 (369) (1,246) 271 (84)	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax Income taxes Net of tax Net sales Cost of sales Other income (expenses), net: Other, net Total before tax Income taxes
Amortization of actuarial loss or gain Amortization of prior service cost Net unrealized holding gains (losses) on derivative instruments	2021 ¥ (1,399) (302) (1,701) 527 (1,174) 1,886 (369) (1,246) 271	Other income (expenses), net: Other, net Other income (expenses), net: Other, net Total before tax Income taxes Net of tax Net sales Cost of sales Other income (expenses), net: Other, net Total before tax

Tax effects allocated to each component of other comprehensive income (loss) for the fiscal years ended March 31, 2022 and 2021 are as follows:

-				ons of yen 2022		
- -		efore tax amount		(expense) benefit		let of tax amount
Foreign currency translation adjustments						
Foreign currency translation adjustments arising during the year	¥	165,477	¥	(330)	¥	165,147
Less: reclassification adjustment for gains included in net income		_		_		_
Net foreign currency translation adjustments		165,477		(330)		165,147
Pension liability adjustments		,		,		,
Pension liability adjustments arising during the year		11,223		(2,858)		8,365
Less: reclassification adjustment for losses included in net income		2,670		(866)		1,804
Net pension liability adjustments		13,893		(3,724)		10,169
Net unrealized holding gains (losses) on derivative instruments		,		, ,		,
Unrealized holding losses arising during the year		(9,102)		2,881		(6,221)
Less: reclassification adjustment for losses included in net income		7,478		(2,383)		5,095
Net unrealized holding losses		(1,624)		498		(1,126)
Other comprehensive income (loss)	¥	177,746	¥	(3,556)	¥	174,190
- -		6 1	:	ons of yen 2021		
		efore tax amount		(expense)		T 4 C4
			or	benefit		let of tax amount
Foreign currency translation adjustments		amount	or			
Foreign currency translation adjustments Foreign currency translation adjustments arising during the year	¥	105,518	¥			
Foreign currency translation adjustments arising during the				benefit		amount
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net				benefit		amount
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net income Net foreign currency translation adjustments Pension liability adjustments		105,518		(52)		105,466
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net income Net foreign currency translation adjustments Pension liability adjustments Pension liability adjustments arising during the year		105,518		(52)		105,466
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net income Net foreign currency translation adjustments Pension liability adjustments		105,518 — 105,518		(52) - (52)		105,466 105,466
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net income Net foreign currency translation adjustments Pension liability adjustments Pension liability adjustments arising during the year Less: reclassification adjustment for losses included in net		105,518 — 105,518 (11,311)		(52) - (52) 2,840		105,466 105,466 (8,471)
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net income Net foreign currency translation adjustments Pension liability adjustments Pension liability adjustments arising during the year Less: reclassification adjustment for losses included in net income		105,518 — 105,518 (11,311) 1,701		(52) - (52) 2,840 (527)		105,466 105,466 (8,471) 1,174
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net income Net foreign currency translation adjustments Pension liability adjustments Pension liability adjustments arising during the year Less: reclassification adjustment for losses included in net income Net pension liability adjustments Net unrealized holding gains (losses) on derivative instruments Unrealized holding losses arising during the year		105,518 — 105,518 (11,311) 1,701		(52) - (52) 2,840 (527)		105,466 105,466 (8,471) 1,174
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net income Net foreign currency translation adjustments Pension liability adjustments Pension liability adjustments arising during the year Less: reclassification adjustment for losses included in net income Net pension liability adjustments Net unrealized holding gains (losses) on derivative instruments		105,518 — 105,518 (11,311) 1,701 (9,610)		(52) - (52) 2,840 (527) 2,313		105,466 105,466 (8,471) 1,174 (7,297)
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net income Net foreign currency translation adjustments Pension liability adjustments Pension liability adjustments arising during the year Less: reclassification adjustment for losses included in net income Net pension liability adjustments Net unrealized holding gains (losses) on derivative instruments Unrealized holding losses arising during the year Less: reclassification adjustment for gains included in net		105,518 - 105,518 (11,311) 1,701 (9,610) (728)		(52) - (52) 2,840 (527) 2,313 225		105,466 105,466 (8,471) 1,174 (7,297) (503)
Foreign currency translation adjustments arising during the year Less: reclassification adjustment for gains included in net income Net foreign currency translation adjustments Pension liability adjustments Pension liability adjustments arising during the year Less: reclassification adjustment for losses included in net income Net pension liability adjustments Net unrealized holding gains (losses) on derivative instruments Unrealized holding losses arising during the year Less: reclassification adjustment for gains included in net income		105,518 - 105,518 (11,311) 1,701 (9,610) (728) (271)		(52) - (52) 2,840 (527) 2,313 225 84		105,466 105,466 (8,471) 1,174 (7,297) (503) (187)

14. Revenue

Komatsu engages in the business activities of sales of products, services and retail financing for customers in Japan and overseas, under three operating segments: the "Construction, Mining and Utility Equipment" operating segment, the "Retail Finance" operating segment and the "Industrial Machinery and Others" operating segment. In these business activities, Komatsu provides goods or services identified in contracts with customers. Komatsu recognizes revenue when or as control over these goods or services is transferred to the customer at the amount of the transaction price that reflects the consideration to which it expects to be entitled. When two or more goods or services are provided to the same customer, Komatsu identifies performance obligations in a single contract or combined contracts and allocates the transaction price to each identified performance obligations based on relative stand-alone selling prices.

For sale of equipment, parts, attachment and others, revenue is recognized when the customers accept the goods or services. Conditions for acceptance, such as shipping, receipt by customers, completion of installation or completion of performance test, depend on contracts or arrangements with customers and the like. The consideration for those transactions is generally collected within three months after the performance obligation is satisfied.

For services such as periodic check, maintenance, and repair and other services, revenue is recognized when provision of the service is completed, or over the period for which the service is provided. Conditions for completion of service provision, including receipt of completion report, depend on contracts or arrangements with customers and the like. The consideration for those transactions is generally collected within three months after the performance obligation is satisfied.

Komatsu's certain consolidated subsidiaries have signed long-term maintenance contracts with their customers, in which case the customers receive services and simultaneously consume them as the performance obligations are satisfied. Thus, revenue from such services is recognized over the period of the contract with the customer in accordance with the progress percentage on the basis of costs incurred, which appropriately represents the transfer of control to the customer.

Shipping and handling activities occurring after control over an equipment has transferred to a customer are not identified as services.

Certain transaction prices include variable consideration such as future discounts and sales returns. Variable consideration is an estimate of the expected value or the most likely amount, to the extent that it is probable that a significant reversal in cumulative revenue recognized up to that point will not occur when the uncertainty associated with the variable consideration is subsequently resolved. When the period between when control over goods or services is transferred to the customer and when the customer pays for the goods or services is expected to be one year or less at the inception of the contract, Komatsu does not make any adjustment for the effect of time value of consideration.

Komatsu is obligated to accept parts returned from customers for a certain period after the sale. In consideration of the relevant historical return result and other factors, Komatsu's right to recover parts from customers is recognized in other current assets as a return asset, and also a refund liability is recognized in other current liabilities for its obligation to refund the customers upon return of parts.

With regard to transactions with combination of products, periodic check, maintenance and others, performance obligations are identified in a single contract or combined contracts. Transaction price is allocated to each identified performance obligation according to the proportion of stand-alone selling price that is determined based on observable price such as contract amount, and estimated cost including historical experience.

After the product are sold or delivered, Komatsu repairs the sold product and replaces parts free of charge for a certain period in accordance with the contract. Thus, in order to provide for disbursement of the after-sales service costs, provision for product warranties is recognized based on the relevant historical result. In addition to this standard warranty, Komatsu offers a package of extended warranty for power line (engine & power systems and hydraulic system) upon the purchase of a product and free maintenance service as a service program to maintain the performance of construction equipment over a longer period of time. Komatsu determines this program to be a service-type warranty, and identifies a separate performance obligation for recognizing revenue from this program. As the costs incurred to obtain a contract with a customer are to be amortized within one year, they are expensed as incurred by applying a practical expedient on the costs for obtaining a contract with a customer.

(1) Disaggregation of revenue

Revenue from contracts with customers and other sources during the fiscal year ended March 31, 2022 and 2021 are as follows.

		Millions of yen			
		2022	2021		
Revenue recognized from contracts with customers	¥	2,575,435	¥	1,971,691	
Revenue recognized from other sources		226,888		217,821	
Total	¥	2,802,323	¥	2,189,512	

The disaggregation of revenue by operating and geographic segment are described in Note 22. Revenue recognized from other sources primarily comprises revenue recognized from lease contracts and financial income such as interest income.

(2) Contract balances

Contract balances arising from contracts with customers at March 31, 2022 and 2021 are as follows:

	Millions of yen				
		2022	2021		
Receivables *1	¥	1,220,566	¥	1,036,127	
Contract assets *2		2,699		2,886	
Contract liabilities *3		132,649		106,990	

^{*1} Receivables are included in trade notes and accounts receivable, net and long-term trade receivables, net in the accompanying consolidated balance sheets. These amounts are before deducting allowance for doubtful trade receivables.

^{*2} Contract assets are included in trade notes and accounts receivable, net in the accompanying consolidated balance sheets. These amounts are before deducting allowance for doubtful trade receivables.

^{*3} Contract liabilities are included in other current liabilities and deferred income taxes and other liabilities in the accompanying consolidated balance sheets.

Komatsu's contract assets mainly relate to its right to consideration for product sales contracts in the industrial machinery business, for which the performance obligation has been satisfied but the invoicing conditions have not been satisfied as of a reporting date. Contract assets are reclassified to receivables when the right to consideration becomes unconditional.

Komatsu's contract liabilities are those arising from all or part of the consideration received from the customers before the corresponding performance obligation is satisfied. The main components of the contract liabilities are unearned revenue and advances received. Komatsu recognizes unearned revenue by identifying separate performance obligations such as extended warranties. Advances received from the customers are recognized in long-term maintenance contracts for which revenue is recognized over the contract period, and also in product sales contracts for large press machines and the like for which revenue is recognized upon acceptance of the customers.

Revenue recognized for the fiscal year ended March 31, 2022 that was included in the contract liability balance as of March 31, 2021 was \cdot\(\frac{4}{52}\),291 million. Revenue recognized for the fiscal year ended March 31, 2021 that was included in the contract liability balance as of March 31, 2020 was \cdot\(\frac{4}{55}\),849 million.

The amount of revenue recognized during the fiscal year ended March 31, 2022 and 2021 from the performance obligations satisfied or partially satisfied in the past and the amount of impairment losses recognized for receivables and contract assets are immaterial. Additionally, there were no significant changes in contract assets and contract liabilities for contracts with customers during the fiscal year ended March 31, 2022 and 2021.

(3) Transaction price allocated to the remaining performance obligations
As of March 31, 2022, the aggregate amount of the transaction price allocated to the remaining performance obligations that have original expected durations greater than one year was ¥208,918 million, of which ¥94,203 million is expected to be recognized as revenue in the fiscal year ending March 31, 2023.

15. Income Taxes

The sources of income before income taxes and equity in earnings of affiliated companies and the sources of income taxes for the fiscal years ended March 31, 2022 and 2021 were as follows:

	Millions of yen			
		2022	2021	
Income before income taxes and equity in earnings of affiliated companies:				
Japan	¥	93,644	¥	17,234
Foreign		230,924		145,541
	¥	324,568	¥	162,775
Income taxes:				
Current –				
Japan	¥	34,315	¥	14,384
Foreign		65,918		37,823
	¥	100,233	¥	52,207
Deferred –				
Japan	¥	(597)	¥	(4,897)
Foreign		(7,058)		(391)
	¥	(7,655)	¥	(5,288)
Total	¥	92,578	¥	46,919

Total income taxes recognized for the fiscal years ended March 31, 2022 and 2021 were applicable to the following:

	Millions of yen			
		2022		2021
Income before income taxes and equity in earnings of affiliated companies	¥	92,578	¥	46,919
Other comprehensive income (loss):				
Foreign currency translation adjustments		330		52
Pension liability adjustments		3,724		(2,313)
Net unrealized holding gains (losses) on derivative instruments		(498)		(309)
Total income taxes	¥	96,134	¥	44,349

Temporary differences and tax loss carryforwards which gave rise to deferred tax assets and liabilities at March 31, 2022 and 2021 are as follows:

		2022		2021
Deferred tax assets:				
Allowances provided, not yet recognized for tax	¥	10,075	¥	8,963
Accrued expenses		50,724		38,292
Investment securities		1,529		1,083
Pension and retirement benefits		16,583		20,375
Property, plant and equipment		657		1,468
Operating lease liabilities		16,576		14,647
Inventories		14,808		13,580
Net operating loss carryforwards		42,117		39,364
Research and development expenses		689		1,435
Tax credit carryforwards		5,133		2,454
Other		13,400		11,650
Total gross deferred tax assets		172,291		153,311
Less: valuation allowance		(42,053)		(36,080)
Total deferred tax assets	¥	130,238	¥	117,231
Deferred tax liabilities:				
Property, plant and equipment	¥	16,586	¥	20,735
Operating lease right-of-use assets		16,906		14,883
Intangible assets		29,656		26,236
Undistributed earnings of foreign subsidiaries and affiliated companies accounted for by the equity method		8,765		7,325
Other		1,820		505
Total deferred tax liabilities	¥	73,733	¥	69,684
Total deferred tax assets	¥	56,505	¥	47,547

Net deferred tax assets and liabilities as of March 31, 2022 and 2021 are reflected on the consolidated balance sheets under the following captions:

		Millions of yen			
		2022		2021	
Deferred income taxes and other assets	¥	77,580	¥	71,782	
Deferred income taxes and other liabilities		(21,075)		(24,235)	
	¥	56,505	¥	47,547	

The valuation allowance was \(\frac{\pmath{25}}{25},779\) million as of March 31, 2020. The net changes in the total valuation allowance for the fiscal years ended March 31, 2022 and 2021 were an increase of \(\frac{\pmath{45}}{5},973\) million and an increase of \(\frac{\pmath{410}}{10},301\) million, respectively.

In assessing the realizability of deferred tax assets, management considers whether it is more likely than not that some portion or all of the deferred tax assets will be realized. The ultimate realization of deferred tax assets is dependent upon the generation of future taxable income during the periods in which those temporary differences become deductible and net operating losses available to be utilized. Management considers the scheduled reversal of deferred tax liabilities, projected future taxable income and tax planning strategies in making this assessment. Based upon the level of historical taxable income and projections for future taxable income over the periods in which the deferred tax assets, net of the existing valuation allowances at March 31, 2022 and 2021, are deductible, management believes it is more likely than not that the companies will realize the benefits of these deductible differences and net operating loss carryforwards. The amount of the deferred tax asset considered realizable, however, could be reduced in the near term if estimates of future taxable income during the carryforward period are reduced.

As of March 31, 2022, Komatsu had tax credit carryforwards of ¥5,133 million, which will expire within the year ending March 31, 2032.

The Company and its Japanese subsidiaries are subject to a National Corporate tax rate of approximately 23%, an inhabitant tax of approximately 5% and a deductible Enterprise tax of approximately 5%, which in the aggregate resulted in a Japanese statutory tax rate of approximately 31.3% for the fiscal year ended March 31, 2022 and 2021. The inhabitant tax rate and Enterprise tax rate vary by local jurisdiction.

The differences between the Japanese statutory tax rates and the effective tax rates for the fiscal years ended March 31, 2022 and 2021 are summarized as follows:

	2022	2021
Japanese statutory tax rate	31.3%	31.3%
Increase (decrease) in tax rates resulting from:		
Change in valuation allowance	0.4	1.1
Expenses not deductible for tax purposes	0.8	0.4
Income of foreign subsidiaries taxed at lower than Japanese normal rate	(3.9)	(3.9)
Tax credit for research and development expenses	(1.7)	(1.6)
Other, net	1.6	1.5
Effective tax rate	28.5%	28.8%

Foreign subsidiaries are subject to income taxes of the countries in which they operate. At March 31, 2022 and 2021, undistributed earnings of foreign subsidiaries amount to \(\frac{\pmathb{4}}{1},270,333\) million and \(\frac{\pmathb{4}}{1},122,680\) million, respectively. The Company has a policy to distribute a certain portion of undistributed earnings of foreign subsidiaries. As of March 31, 2022 and 2021, Komatsu recognized deferred tax liabilities of \(\frac{\pmathb{4}}{1},702\) million and \(\frac{\pmathb{4}}{9}84\) million, respectively, associated with those earnings. As of March 31, 2022 and 2021, the amount of unrecognized deferred tax liabilities for the portion of undistributed earnings of foreign subsidiaries that the Company intends to reinvest indefinitely were \(\frac{\pmathb{4}}{5}7,642\) million and \(\frac{\pmathb{4}}{5}2,929\) million, respectively, which were calculated to the extent reasonably practicable.

At March 31, 2022, certain subsidiaries had net operating loss carryforwards aggregating \(\frac{\pmathbf{x}}{76,425}\) million, which may be used as a deduction in determining taxable income in future periods. The period available to offset future taxable income varies in each tax jurisdiction as follows:

<u>At March 31, 2022</u>	Millions of ye	Millions of yen	
Within 5 years	¥ 31	,768	
6 to 20 years		267	
Indefinite periods	44	,390	
Total	¥ 76	,425	

For other net operating loss carryforwards than the aforementioned amount, at March 31, 2022, some U.S. subsidiaries had net operating loss carryforwards associated with state tax aggregating \(\frac{1}{2}\)58,888 million, which may be used as a deduction in determining taxable income in future periods. The deferred tax assets associated with those net operating loss carryforwards were \(\frac{1}{4}\)13 million.

The reconciliation of beginning and ending balances of unrecognized tax benefits are as follows:

		Millions of yen			
		2022		2021	
Balance at beginning of year	¥	17,365	¥	16,389	
Additions for tax positions related to current period		2,691		394	
Additions for tax positions related to prior period		1,296		683	
Reductions for tax positions related to prior period		(72)		(40)	
Reductions for settlements		_		(88)	
Other		352		27	
Balance at end of year	¥	21,632	¥	17,365	
Total net amount of unrecognized tax benefits that, if recognized, would affect the effective tax rate		21,046		17,237	

Although Komatsu believes its estimates of unrecognized tax benefits are reasonable, uncertainties regarding the final determination of income tax audit settlements and any related litigation could affect the total amount of unrecognized tax benefits in the future periods. For the fiscal years ended March 31, 2022 and 2021, interest and penalties related to unrecognized tax benefits were not material. Based on the information available as of March 31, 2022, Komatsu does not expect significant changes to the unrecognized tax benefits within the next twelve months. Komatsu files income tax returns in Japan and various foreign tax jurisdictions. Komatsu is no longer subject to income tax examinations by the tax authority before and in the fiscal year ended March 31, 2016 in Japan and, is no longer subject to income tax examinations by the tax authority before and in the fiscal year ended March 31, 2013 in the United States. In other foreign tax jurisdictions, the other subsidiaries are no longer subject to income tax examinations by tax authorities before and in the fiscal year ended March 31, 2011 with few exceptions.

16. Leases

(1) Lessee

Komatsu leases lands, buildings, vehicles, employee housings, etc. through finance and operating leases. Some of these leases may include options to extend or terminate the lease with preliminary notice. Komatsu determines lease terms with the options on the lease commencement date if it is reasonably certain that Komatsu will exercise those options. As a rate implicit in the most of Komatsu's leases cannot be determined, Komatsu recognizes right-of-use assets and lease liabilities calculated present value of lease payments by using incremental borrowing rate based on the information available. Komatsu's finance leases are not material.

Supplementary information to operating leases on the balance sheets as of March 31, 2022 and 2021 are as follows:

	2022	2021
Weighted average remaining lease term	8.9years	9.1years
Weighted average discount rates	2.3%	2.2%

Amounts of maturities of operating lease liabilities in each of the next five years and in the aggregate for the five years thereafter as of March 31, 2022 are as follows:

	Millions of yen	
		2022
2023	¥	17,753
2024		11,630
2025		6,881
2026		4,988
2027		3,589
Thereafter		23,409
Total minimum lease payments	¥	68,250
Less: Imputed interest		(7,811)
Total lease liabilities	¥	60,439

Lease costs for the fiscal years ended March 31, 2022 and 2021 are comprised of the following:

		Millions of yen				
		2022		2022		2021
Operating lease cost	¥	21,037	¥	19,271		
Short term lease cost		4,374		4,141		

Variable lease payments that are not included in lease liabilities are not material.

Supplementary cash flow information to leases for the fiscal years ended March 31, 2022 and 2021 are as follows:

	Millions of yen			
	2022		2022	
Cash paid for amount included in the measurement of lease liabilities				
Operating leases				
Cash flows by operating activities	¥	21,758	¥	20,125
Noncash activity – Rights of use assets obtained in exchange for lease				
liabilities				
Operating leases	¥	22,042	¥	18,772

Leases that have not yet commenced but that create significant rights and obligations as of March 31, 2022 and 2021 are not material.

(2) Lessor

Komatsu provides sales-type and operating leases as a lessor for leveling cash payments of its customers when customers purchase primarily Komatsu's construction and mining equipment. Revenue from the sale of these products under sales-type leases is recognized at the inception of the lease. Interest income on sales-type leases is recognized over the life of each lease using the interest method. Revenue from operating leases is recognized on a straight-line basis over the lease term. Some of these leases may include options to extend or terminate the lease. Some of these leases also may include options for the lessee to purchase the underlying assets at stated fixed price or fair market value.

The residual value of Komatsu's leased equipment is determined based on its estimated end-of-term market values. Komatsu estimates the residual value of leased equipment at the inception of the lease based on historical used equipment market sales prices, latest trends of the market, etc. Komatsu monitors estimated residual values of the leased equipment during the term of leases through understanding trends of the market. The present values of guaranteed residual values provided by customers as of March 31, 2022 and 2021 are \display.627 million and \display.825 million.

Net investments in the sales-type leases as of March 31, 2022 and 2021 are comprised of the following:

		Millions of yen			
		2022	2021		
Lease receivables	¥	235,923	¥	229,502	
Unguaranteed residual assets		9,063		9,406	
Net investment in the sales-type leases *	¥	244,986	¥	238,908	
Less: current portion		(114,447)		(105,306)	
	¥	130,539	¥	133,602	

^{*} The net investments in the sales-type leases are included in trade notes and accounts receivable, net and long-term trade receivables, net on the consolidated balance sheets.

Undiscounted lease payments to be received under sales-type and operating leases in each of the next five years and in the aggregate for the five years thereafter as of March 31, 2022 are as follows:

		Millions of yen 2022			
	Sales	s-type leases	Operating leases		
2023	¥	114,537	¥	32,113	
2024		74,894		16,137	
2025		37,204		9,832	
2026		18,013		4,163	
2027		6,796		1,144	
Thereafter		1,676		208	
Total undiscounted lease payments to be received	¥	253,120	¥	63,597	
Less: Imputed interest		(17,197)		_	
Total lease receivables	¥	235,923	¥	_	

Revenues from sales-type and operating leases as a lessor, included in net sales on the consolidated statement of income, for the fiscal years ended March 31, 2022 and 2021 are as follows:

	Millions of yen					
	2022		2022		•	2021
Sales-type lease revenue						
Revenue recognized at the commencement date *	¥	116,805	¥	111,881		
Interest income		8,680		8,769		
Total sales-type lease revenue		125,485		120,650		
Operating lease revenue		82,012		79,977		
Total	¥	207,497	¥	200,627		

^{*} The revenues recognized at the commencement dates are included in net sales of the Construction, Mining and Utility Equipment operating segment.

17. Net Income Attributable to Komatsu Ltd. per Share

The Company has the restricted stock compensation system (hereinafter, the "System") for directors (other than outside directors) and employees of the Company and directors and employees of major subsidiaries. Among the new shares issued under the System, those transfer restrictions which have not been cancelled are distinguished as participating securities from common shares. Each common share and restricted stock has the same rights to net income attributable to Komatsu Ltd.

A reconciliation of the numerators and denominators of the basic net income attributable to Komatsu Ltd. per share computations is as follows:

	Millions of yen			
		2022	2021	
Net income attributable to Komatsu Ltd.	¥	224,927	¥	106,237
Net income attributable to participating securities (restricted stocks)		244		85
Net income attributable to common shareholders	¥	224,683	¥	106,152
			-	
		Number	of shares	
		2022		2021
Weighted average number of common shares outstanding, less treasury stock	9	45,177,621	9	944,905,204
Weighted average number of participating securities (restricted stocks)		1,024,962		758,982
Weighted average number of common shares	9	44,152,659	9	944,146,222
		Y	en	
		2022		2021
Basic net income attributable to Komatsu Ltd. per share	¥	237.97	¥	112.43

A reconciliation of the numerators and denominators of the diluted net income attributable to Komatsu Ltd. per share computations is as follows:

	Millions of yen																					
		2022	2021																			
Net income attributable to Komatsu Ltd.	¥	224,927	¥	106,237																		
Net income attributable to participating securities (restricted stocks)		244		85																		
Net income attributable to common shareholders	¥	224,683	¥	106,152																		
	Number of shares																					
		2022		2021																		
Weighted average number of common shares outstanding, less treasury	945,177,621		944,905,																			
stock	,	13,177,021	,	11,505,201																		
Dilutive effect of:																						
Stock options		207,920		374,987																		
Weighted average number of participating securities (restricted stocks)		1,024,962		758,982																		
Weighted average number of diluted common shares	944,360,579		944,360,579		944,360,579		944,360,579		944,360,579		944,360,579		944,360,579		944,360,579		944,360,579		944,360,579		9	44,521,209
			-																			
		Ye	en																			
		2022		2021																		
Diluted net income attributable to Komatsu Ltd. per share	¥	237.92	¥	112.39																		

18. Commitments and Contingent Liabilities

(1) At March 31, 2021, Komatsu was contingently liable for discounted and transferred receivables on a recourse basis with the financial institutions of ¥18 million.

Komatsu provides guarantees to third parties of loans of the employees, affiliated companies, customers and other companies. The guarantees of loans relating to the affiliated companies, customers and other companies are made to enhance the credit of those companies. For each guarantee provided, Komatsu would have to perform under a guarantee if the borrower defaults on a payment within the contract terms. The contract terms are from 10 years to 30 years in the case of employees with housing loans, and from 1 year to 5 years in the case of loans relating to the affiliated companies, customers and other companies. The maximum amount of undiscounted payments Komatsu would have had to make in the event of default at March 31, 2022 and 2021 were \(\frac{1}{2}\)12,293 million and \(\frac{1}{2}\)9,769 million, respectively. The fair value of the liabilities recognized for Komatsu's obligations as guarantors under those guarantees at March 31, 2022 were insignificant. Certain of those guarantees were secured by collateral and insurance issued to Komatsu.

Komatsu provides guarantees that subsidiaries of the Company perform the obligations of the terms and conditions of contracts by standby letters of credit issued by banks. Komatsu would have to pay the liabilities incurred to banks if the subsidiaries do not perform the obligations of the terms and conditions of contracts. The maximum amount of undiscounted payments Komatsu would have had to make in the event of defaults of the contracts at March 31, 2022 and 2021 were \mathbb{1}7,330 million and \mathbb{1}8,618 million, respectively.

Management of the Company believes that losses from those contingent liabilities, if any, would not have a material effect on the consolidated financial statements.

- (2) Commitments for capital investment outstanding at March 31, 2022 and 2021 aggregated approximately \(\xi\)23,800 million and approximately \(\xi\)38,900 million, respectively.
- (3) Komatsu is involved in certain legal actions and claims arising mainly in the ordinary course of its business. It is the opinion of management and legal counsel that such litigation and claims will be resolved without material effect on Komatsu's financial position.
- (4) Komatsu has business activities with customers, dealers and associates around the world and its trade receivables from such parties and the guarantees for them are well diversified to minimize concentrations of credit risks. Management does not anticipate incurring losses on its trade receivables in excess of established allowances.
- (5) Komatsu also issues contractual product warranties under which it generally guarantees the performance of products delivered and services rendered for a certain period or term. Changes in accrued product warranty cost for the years ended March 31, 2022 and 2021 are summarized as follows:

	Millions of yen			
		2022		2021
Balance at beginning of year	¥	38,136	¥	38,459
Addition		34,400		31,172
Utilization		(33,734)		(33,038)
Other		2,433		1,543
Balance at end of year	¥	41,235	¥	38,136

19. Derivative Financial Instruments

Risk Management Policy

Komatsu is exposed to market risk primarily from changes in foreign currency exchange and interest rates with respect to debt obligations, international operations and foreign currency denominated credits and debts. In order to manage these risks that arise in the normal course of business, Komatsu enters into various derivative transactions for hedging pursuant to its policies and procedures (Notes 20 and 21). Komatsu does not enter into derivative financial transactions for trading or speculative purposes.

Komatsu has entered into interest rate swap and cap agreements, partly concurrent with currency swap agreements for the purpose of managing the risk resulting from changes in cash flow or fair value that arise in their interest rate and foreign currency exposure with respect to certain short-term and long-term debts.

Komatsu operates internationally, which exposes Komatsu to the foreign exchange risk against existing assets and liabilities and transactions denominated in foreign currencies (principally the U.S. dollar and the Euro). In order to reduce these risks, Komatsu executes forward exchange contracts and option contracts based on its projected cash flow in foreign currencies.

Komatsu is exposed to credit-related losses in the event of nonperformance by counterparties to derivative financial instruments, but Komatsu does not expect any counterparties to fail to meet their obligations because of the high credit rating of the counterparties. Komatsu has not held any derivative instruments which consisted of credit-risk-related contingent features.

Cash Flow Hedges

Komatsu uses derivative financial instruments designated as cash flow hedges to manage Komatsu's foreign exchange risks associated with forecasted transactions and Komatsu's interest risks associated with debt obligations. For transactions denominated in foreign currencies, Komatsu typically hedges forecasted and firm commitment exposures to the variability in cash flow basically up to one year. For the variable rate debt obligations, Komatsu enters into interest rate swap contracts to manage the changes in cash flows. Komatsu records the changes in fair value of derivative instruments designated as cash flow hedges in accumulated other comprehensive income (loss). These amounts are reclassified into same location as earnings derived from hedged item when the hedged items impact earnings. Approximately \(\frac{\pmathb{2}}{2}\),672 million of existing income included in accumulated other comprehensive income (loss) at March 31, 2022 will be reclassified into earnings within twelve months from that date. Cash flow hedges discontinued during the fiscal year ended March 31, 2022 as a result of anticipated transactions that are no longer probable of occurring were not material to Komatsu's financial position and results of operations.

Undesignated Derivative Instruments

Komatsu has entered into interest rate swap and cross-currency swap contracts not designated as hedging instruments under ASC 815, "Derivatives and Hedging" as a means of managing Komatsu's interest rate exposures for short-term and long-term debts. Forward contracts not designated as hedging instruments under ASC 815 are also used to hedge certain foreign currency exposures. The changes in fair value of such instruments are recognized currently in earnings.

Notional Principal Amounts of Derivative Financial Instruments

Notional principal amounts of derivative financial instruments outstanding at March 31, 2022 and 2021 are as follows:

		Millions of yen			
		2022	2021		
Forwards contracts:					
Sale of foreign currencies	¥	278,513	¥	185,798	
Purchase of foreign currencies		176,360		138,820	
Interest rate swaps and cross-currency swap agreements		126,032		105,380	

Fair value of derivative instruments at March 31, 2022 and 2021 on the consolidated balance sheets are as follows:

Tan value of derivative instrui	ments at March 31, 2022 and 20			as follows.		
		Millions of yen 2022				
	Derivative Assets					
Derivative instruments designated as hedging instruments	Location on the consolidated Balance Sheets	Estimated fair value	Location on the consolidated Balance Sheets	Estimated fair value		
Forwards contracts	Other current assets	¥ 434	Other current liabilities	¥ 7,545		
	Deferred income taxes and other assets	_	Deferred income taxes and other liabilities	33		
Interest rate swaps and	Other current assets	_	Other current liabilities	158		
cross-currency swap	Deferred income taxes and 944 Deferred income taxes an		Deferred income taxes and	67		
agreements	other assets		other liabilities			
Total		¥ 1,378		¥ 7,803		
	Derivative Assets		Derivative Liabilities			
Undesignated derivative instruments	Location on the consolidated Balance Sheets	Estimated fair value	Location on the consolidated Balance Sheets	Estimated fair value		
Forwards contracts	Other current assets	¥ 2,457	Other current liabilities	¥ 7,839		
	Deferred income taxes and other assets	25	Deferred income taxes and other liabilities	24		
Interest rate swaps and	Other current assets	1,314	Other current liabilities	119		
cross-currency swap agreements	Deferred income taxes and other assets	_	Deferred income taxes and other liabilities	299		
Total		¥ 3,796		¥ 8,281		
Total Derivative Instruments		¥ 5,174		¥16,084		
		Millior	s of yen			
	2021					
	Derivative Assets Derivative Liabilities					
		 				
Derivative instruments designated as hedging instruments	Location on the consolidated Balance Sheets	Estimated fair value	Location on the consolidated Balance Sheets	Estimated fair value		
e	Balance Sheets Other current assets		Location on the consolidated Balance Sheets Other current liabilities	fair value ¥ 3,057		
hedging instruments	Balance Sheets	fair value	Location on the consolidated Balance Sheets	fair value		
hedging instruments	Other current assets Deferred income taxes and	fair value	Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and	fair value ¥ 3,057		
hedging instruments Forwards contracts	Other current assets Deferred income taxes and other assets	fair value ¥ 738 —	Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and other liabilities	¥ 3,057		
Forwards contracts Interest rate swaps and cross-currency swap	Other current assets Deferred income taxes and other assets Other current assets Deferred income taxes and	fair value ¥ 738 —	Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and other liabilities Other current liabilities Other current liabilities Deferred income taxes and	Fair value ¥ 3,057 11 28		
Forwards contracts Interest rate swaps and cross-currency swap agreements	Other current assets Deferred income taxes and other assets Other current assets Deferred income taxes and	fair value ¥ 738 - 42	Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and other liabilities Other current liabilities Other current liabilities Deferred income taxes and	fair value ¥ 3,057 11 28 615		
Forwards contracts Interest rate swaps and cross-currency swap agreements	Other current assets Deferred income taxes and other assets Other current assets Deferred income taxes and other assets	fair value ¥ 738 - 42	Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and other liabilities Other current liabilities Deferred income taxes and other liabilities	fair value ¥ 3,057 11 28 615		
Interest rate swaps and cross-currency swap agreements Total Undesignated derivative instruments	Deferred income taxes and other assets Other current assets Other current assets Other current assets Deferred income taxes and other assets Deferred income taxes and other assets Derivative Assets Location on the consolidated Balance Sheets	# 738 42 # 780 Estimated fair value	Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and other liabilities Other current liabilities Other current liabilities Deferred income taxes and other liabilities Derivative Liabilities Location on the consolidated Balance Sheets	fair value ¥ 3,057 11 28 615 ¥ 3,711 Estimated fair value		
Interest rate swaps and cross-currency swap agreements Total	Deferred income taxes and other assets Other current assets Deferred income taxes and other assets Other current assets Deferred income taxes and other assets Derivative Assets Location on the consolidated	fair value ¥ 738 - 42 ¥ 780 Estimated	Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and other liabilities Other current liabilities Deferred income taxes and other liabilities Deferred income taxes and other liabilities Derivative Liabilities Location on the consolidated	fair value ¥ 3,057 11 28 615 ¥ 3,711		
Interest rate swaps and cross-currency swap agreements Total Undesignated derivative instruments	Deferred income taxes and other assets Other current assets Other current assets Other current assets Deferred income taxes and other assets Derivative Assets Location on the consolidated Balance Sheets Other current assets Deferred income taxes and	# 738 42 # 780 Estimated fair value	Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and other liabilities Other current liabilities Deferred income taxes and other liabilities Deferred income taxes and other liabilities Derivative Liabilities Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and	fair value ¥ 3,057 11 28 615 ¥ 3,711 Estimated fair value ¥ 2,182		
hedging instruments Forwards contracts Interest rate swaps and cross-currency swap agreements Total Undesignated derivative instruments Forwards contracts	Deferred income taxes and other assets Other current assets Other current assets Other current assets Deferred income taxes and other assets Derivative Assets Location on the consolidated Balance Sheets Other current assets Deferred income taxes and other assets	# 738 - 42 ¥ 780 Estimated fair value ¥ 1,459	Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and other liabilities Other current liabilities Deferred income taxes and other liabilities Deferred income taxes and other liabilities Derivative Liabilities Location on the consolidated Balance Sheets Other current liabilities Deferred income taxes and other liabilities	fair value ¥ 3,057 11 28 615 ¥ 3,711 Estimated fair value ¥ 2,182 5		
Interest rate swaps and cross-currency swap agreements Total Undesignated derivative instruments Forwards contracts Interest rate swaps and cross-currency swap	Deferred income taxes and other assets Other current assets Other current assets Other current assets Deferred income taxes and other assets Derivative Assets Location on the consolidated Balance Sheets Other current assets Deferred income taxes and other assets Other current assets Deferred income taxes and other assets Deferred income taxes and	# 738 - 42 # 780 Estimated fair value # 1,459 - 181	Deferred income taxes and other liabilities Deferred income taxes and other liabilities Other current liabilities Other current liabilities Deferred income taxes and other liabilities Derivative Liabilities Derivative Liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities	Fair value ¥ 3,057 11 28 615 ¥ 3,711 Estimated fair value ¥ 2,182 5 282 —		
hedging instruments Forwards contracts Interest rate swaps and cross-currency swap agreements Total Undesignated derivative instruments Forwards contracts Interest rate swaps and cross-currency swap agreements	Deferred income taxes and other assets Other current assets Other current assets Other current assets Deferred income taxes and other assets Derivative Assets Location on the consolidated Balance Sheets Other current assets Deferred income taxes and other assets Other current assets Deferred income taxes and other assets Deferred income taxes and	# 738 - 42 ¥ 780 Estimated fair value ¥ 1,459	Deferred income taxes and other liabilities Deferred income taxes and other liabilities Other current liabilities Other current liabilities Deferred income taxes and other liabilities Derivative Liabilities Derivative Liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities Other current liabilities	fair value ¥ 3,057 11 28 615 ¥ 3,711 Estimated fair value ¥ 2,182 5		

The effects of derivative instruments on the consolidated statements of income and the consolidated statements of comprehensive income for the fiscal years ended March 31, 2022 and 2021 are as follows:

Derivative instruments designated as cash flow hedging relationships

			Millions of yen		
	2022				
		amount of ins (losses) ecognized	Gains (losses) reclassified from accumulated OCI on derivatives		
	in OCI on derivatives		Location of consolidated statements of income		Amount
Forwards contracts	¥	(10,482)	Cost of sales	¥	(2,637) 130 (4,071)
Interest rate swaps and		1,380	Other income (expenses), net: Other, net		(4,971) —
cross-currency swap agreements Total	¥	(9,102)		¥	(7,478)
			Millions of yen		
			2021		
		amount of ins (losses) ecognized	Gains (losses) reclassified from accumulated OCI on derivatives		
	on	in OCI derivatives	Location of consolidated statements of income		Amount
Forwards contracts	¥	(1,196)	Net sales	¥	1,886
			Cost of sales		(369)
			Other income (expenses), net: Other, net		(1,246)
Interest rate swaps and cross-currency swap agreements		468	_		
Total	¥	(728)		¥	271

^{*} OCI stands for other comprehensive income (loss).

Derivative instruments not designated as hedging instruments relationships

Millions of yen		
2022		
Location of gains (losses) recognized in income on derivatives	Amount of gains (losses) recognized in income on derivatives	
Other income (expenses), net: Other, net	¥	(645)
Cost of sales		(153)
Other income (expenses), net: Other, net		1,332
	¥	534
Millions of yen 2021		
Location of gains (losses) recognized in income on derivatives	Amount of gains (losses) recognized in income on derivatives	
Other income (expenses), net: Other, net	¥	(3,619)
Cost of sales		(105)
Other income (expenses), net: Other, net		14
	¥	(3,710)
	Location of gains (losses) recognized in income on derivatives Other income (expenses), net: Other, net Cost of sales Other income (expenses), net: Other, net Millions of yen 2021 Location of gains (losses) recognized in income on derivatives Other income (expenses), net: Other, net Cost of sales	Location of gains (losses) recognized in in in derivatives derivatives Other income (expenses), net: Other, net Cost of sales Other income (expenses), net: Other, net Millions of yen 2021 Location of gains (losses) recognized in income on derivatives derivatives Other income (expenses), net: Other, net Cost of sales Other income (expenses), net: Other, net Cost of sales Other income (expenses), net: Other, net Cost of sales Other income (expenses), net: Other, net

20. Fair Values of Financial Instruments

(1) Cash and cash equivalents, Time deposits, Short-term debt

The carrying amounts approximate fair value because of the short maturity of these instruments.

(2) Long-term trade receivables, net, excluding lease receivables (Note 3)

The fair values of long-term trade receivables are based on the present value of future cash flows through maturity, discounted using the current interest rates for similar receivables of comparable maturity. The carrying amounts approximate the fair values computed on such a basis.

(3) Long-term debt, including current portion

The fair values of each of the long-term debt are based on the quoted price in the most active market or the present value of future cash flows associated with each instrument discounted using the current market borrowing rate for similar debt of comparable maturity.

(4) Derivatives (Notes 19 and 21)

The fair values of derivative financial instruments are stated in Note 21 and therefore are not included in the table below.

The carrying amounts and the estimated fair values of the financial instruments as of March 31, 2022 and 2021 and fair value levels are summarized as follows:

	Millions of yen							
	2022 2021							
	Carrying	Estimated	Carrying	Estimated	Fair Value			
	amount	fair value	amount	fair value	Levels			
Cash and cash equivalents	¥ 315,360	¥ 315,360	¥ 241,803	¥ 241,803	Level 1			
Time deposits	1,310	1,310	1,324	1,324	Level 2			
Long-term trade receivables, net, excluding lease receivables	362,720	362,720	316,111	316,111	Level 2			
Short-term debt	241,746	241,746	271,462	271,462	Level 2			
Long-term debt, including current portion	705,634	694,174	638,521	639,139	Level 2			

Notes

¹⁾ Fair value estimates are made at a specific point in time, based on relevant market information and information about the financial instrument. These estimates are subjective in nature and involve uncertainties and matters of significant judgment and therefore cannot be determined with precision. Changes in assumptions could affect the estimates.

²⁾ The fair value levels are stated in Note 21.

21. Fair Value Measurements

ASC 820, "Fair Value Measurements" defines that fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. ASC 820 establishes a three-level fair value hierarchy that prioritizes the inputs used to measure fair value. The three levels of inputs used to measure fair value are as follows:

- Level 1 Quoted prices in active markets for identical assets or liabilities
- Level 2 Inputs other than quoted prices included within Level 1 that are observable for the assets or liabilities, either directly or indirectly
- Level 3 Unobservable inputs for the assets or liabilities

Assets and liabilities that are measured at fair value on a recurring basis

The fair value hierarchy levels of assets and liabilities that are measured at fair value on a recurring basis at March 31, 2022 and 2021 are as follows:

	Millions of yen									
At March 31, 2022	Lev	el 1		Level 2 Level		Level 3		Level 3		Total
Assets										
Derivatives										
Forward contracts	¥	_	¥	2,916	¥	_	¥	2,916		
Interest rate swaps and cross-currency swap agreements		_		2,258		_		2,258		
Total	¥		¥	5,174	¥		¥	5,174		
Liabilities					-					
Derivatives										
Forward contracts	¥	_	¥	15,441	¥	_	¥	15,441		
Interest rate swaps and cross-currency swap agreements		_		643		_		643		
Total	¥	_	¥	16,084	¥		¥	16,084		
At March 31, 2021	Lev	rel 1		Million		evel 3		Total		
At March 31, 2021 Assets	Lev	el 1		Million Level 2		evel 3		Total		
	Lev	el 1		-		evel 3		Total		
Assets	Lev	el 1	¥	-		evel 3	¥	Total 2,197		
Assets Derivatives		el 1		Level 2	L	evel 3	¥			
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap		el 1		2,197	L	evel 3	¥	2,197		
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap agreements	¥	el I	¥	2,197 223	¥	evel 3 — — — — —		2,197 223		
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap agreements Total	¥	el 1	¥	2,197 223	¥	evel 3		2,197 223		
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap agreements Total Liabilities	¥	el 1	¥	2,197 223	¥	evel 3		2,197 223		
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap agreements Total Liabilities Derivatives	¥	el 1	¥	2,197 223 2,420	¥	evel 3	¥	2,197 223 2,420		

Derivatives (Notes 19 and 20)

Derivatives primarily represent foreign exchange contracts and interest rate swap agreements. The fair value of foreign exchange contracts is based on a valuation model that discounts cash flows resulting from the differential between contract rate and the market-based forward rate and is classified in Level 2 in the fair value hierarchy. The fair value of interest rate swap agreements is based on a valuation model that discounts cash flows based on the terms of the contract and the swap curves and is classified in Level 2 in the fair value hierarchy.

Assets and liabilities that are measured at fair value on a non-recurring basis

For the fiscal years ended March 31, 2022 and 2021, assets and liabilities that were measured at fair value on a non-recurring basis were not material.

22. Business Segment and Geographic Information

Komatsu has three operating segments: 1) Construction, Mining and Utility Equipment, 2) Retail Finance, and 3) Industrial Machinery and Others. Those operating segments which have separate financial information are available for allocating resources and assessing its performance by management.

The accounting policies employed for the preparation of segment information are identical to those employed for the preparation of the consolidated financial statements of the Company.

Segment profit available for allocating resources and assessing its performance by management is determined by subtracting the cost of sales and selling, general and administrative expenses from net sales attributed to the operating segment. Segment profit excludes certain general corporate administration and finance expenses, such as costs of executive management, corporate development, corporate finance, human resources, internal audit, investor relations, legal and public relations. Segment profit also excludes certain charges which may otherwise relate to operating segments, including impairments of long-lived assets and goodwill.

The following tables present financial information regarding Komatsu's operating segments and geographic information at March 31, 2022 and 2021, and for the fiscal years then ended:

Operating segments:

		Millions	of yen	n	
		2022		2021	
Net sales:					
Construction, Mining and Utility Equipment –					
External customers	¥	2,558,850	¥	1,961,207	
Intersegment		5,548		14,751	
Total		2,564,398		1,975,958	
Retail Finance –					
External customers		57,809		58,377	
Intersegment		14,053		8,017	
Total		71,862		66,394	
Industrial Machinery and Others –					
External customers		185,664		169,928	
Intersegment		2,704		1,327	
Total		188,368		171,255	
Elimination		(22,305)		(24,095)	
Consolidated	¥	2,802,323	¥	2,189,512	
Segment profit:					
Construction, Mining and Utility Equipment	¥	275,768	¥	143,788	
Retail Finance		17,199		10,574	
Industrial Machinery and Others		22,595		16,342	
Total segment profit		315,562		170,704	
Corporate expenses and elimination		(26)		1,635	
Total		315,536		172,339	
Impairment loss on long-lived assets		1,372		2,403	
Other operating income (expenses), net		2,851		(2,608)	
Operating income		317,015		167,328	
Interest and dividend income		5,332		5,293	
Interest expense		(12,222)		(13,766)	
Other, net		14,443		3,920	
Consolidated income before income taxes and equity in earnings of affiliated companies	¥	324,568	¥	162,775	

	Millions of yen			
		2022		2021
Segment assets:				
Construction, Mining and Utility Equipment	¥	3,161,835	¥	2,689,427
Retail Finance		980,910		887,125
Industrial Machinery and Others		206,281		201,810
Corporate assets and elimination		(1,504)		6,479
Consolidated	¥	4,347,522	¥	3,784,841
Depreciation and amortization:				
Construction, Mining and Utility Equipment	¥	101,702	¥	93,883
Retail Finance		25,590		30,393
Industrial Machinery and Others		5,964		6,156
Consolidated	¥	133,256	¥	130,432
Capital investment:				
Construction, Mining and Utility Equipment	¥	115,371	¥	117,059
Retail Finance		27,559		41,722
Industrial Machinery and Others		4,832		4,393
Consolidated	¥	147,762	¥	163,174

Business categories and principal products and services included in each operating segment are as follows:

a) Construction, Mining and Utility Equipment operating segment:

Excavating equipment, loading equipment, grading and roadbed preparation equipment, hauling equipment, forestry equipment, tunneling machines, underground mining equipment, recycling equipment, industrial vehicles, other equipment, engines and components, casting products and logistics

b) Retail Finance operating segment:

Financing

c) Industrial Machinery and Others operating segment:

Metal forging and stamping presses, sheet-metal machines, machine tools, defense systems, temperature-control equipment and optical machinery

Transfers between segments are made at estimated arm's length prices.

Segment assets are those assets used in the operations of each segment. Unallocated corporate assets consist primarily of cash and cash equivalents maintained for general corporate purposes.

Amortization for the fiscal years ended March 31, 2022 and 2021 does not include amortization of long-term prepaid expenses of \(\frac{\pma}{3}\),090 million and \(\frac{\pma}{2}\),694 million.

Impairment loss on long-lived assets recorded in each segment asset for the fiscal years ended March 31, 2022 and 2021 are as follows:

	Millions of yen				
	2	2022	2021		
Construction, Mining and Utility Equipment	¥	732	¥	1,986	
Retail Finance		_		_	
Industrial Machinery and Others		640		417	
Total	¥	1,372	¥	2,403	

Geographic information:

Net sales determined by customer location for the fiscal year ended March 31, 2022 are as follows:

	Millions of yen									
	2022									
	Construction, Mining and Utility Equipment		Retail Finance		ail Finance Industrial Machinery and Others			Total		
Japan	¥	303,628	¥	2,387	¥	83,070	¥	389,085		
The Americas		986,580		40,265		25,037		1,051,882		
Europe and CIS		423,777		5,012		12,038		440,827		
China		96,416		2,889		31,981		131,286		
Asia (excluding Japan and China) and Oceania		558,867		6,747		33,226		598,840		
Middle East and Africa		189,582		509		312		190,403		
Total	¥	2,558,850	¥	57,809	¥	185,664	¥	2,802,323		

Net sales to U.S.A. in the Americas for the fiscal year ended March 31, 2022 were \(\frac{1}{2}\)514,242 million.

The amounts classified into revenue recognized from other sources described in Note 14 to the Consolidated Financial Statements for the fiscal year ended March 31, 2022 within the net sales of the Construction, Mining and Utility Equipment operating segment are \(\frac{\pmathbf{3}}{3}\),675 million in Japan, \(\frac{\pmathbf{3}}{3}\),033 million in the Americas, \(\frac{\pmathbf{4}}{6}\),673 million in Europe and CIS, \(\frac{\pmathbf{2}}{2}\),7596 million in China, and \(\frac{\pmathbf{8}}{8}\),348 million in Asia (excluding Japan and China) and Oceania. Net sales of the Retail Finance operating segment for the fiscal year ended March 31, 2022 are primarily the amounts classified into revenue recognized from other sources described in Note 14 to the Consolidated Financial Statements.

Net sales determined by customer location for the fiscal year ended March 31, 2021 are as follows:

	Millions of yen									
	2021									
	Mi	nstruction, ining and Equipment	Reta	ail Finance		ial Machinery d Others		Total		
Japan	¥	294,890	¥	2,090	¥	87,322	¥	384,302		
The Americas		732,463		42,540		23,387		798,390		
Europe and CIS		295,916		4,089		8,039		308,044		
China		146,225		3,056		20,317		169,598		
Asia (excluding Japan and China) and Oceania		368,912		6,383		30,740		406,035		
Middle East and Africa		122,801		219		123		123,143		
Total	¥	1,961,207	¥	58,377	¥	169,928	¥	2,189,512		

Net sales to U.S.A. in the Americas for the fiscal year ended March 31, 2021 were \(\frac{\pma}{4}\)11,102 million.

The amounts classified into revenue recognized from other sources described in Note 14 to the Consolidated Financial Statements for the fiscal year ended March 31, 2021 within the net sales of the Construction, Mining and Utility Equipment operating segment are \(\frac{43}{5}\),132 million in Japan, \(\frac{42}{24}\),977 million in the Americas, \(\frac{43}{38}\),040 million in Europe and CIS, \(\frac{44}{6}\),934 million in China, and \(\frac{41}{5}\),120 million in Asia (excluding Japan and China) and Oceania. Net sales of the Retail Finance operating segment for the fiscal year ended March 31, 2021 are primarily the amounts classified into revenue recognized from other sources described in Note 14 to the Consolidated Financial Statements.

Net sales determined by geographic origin for the fiscal years ended March 31, 2022 and 2021, and property, plant and equipment determined based on physical location at March 31, 2022 and 2021 are as follows:

	Millions of yen			
		2022		2021
Net sales:				
Japan	¥	604,813	¥	500,258
The Americas		1,029,118		726,325
Europe and CIS		447,127		316,155
China		116,077		158,536
Others		605,188		488,238
Total	¥	2,802,323	¥	2,189,512
Property, plant and equipment:				
Japan	¥	365,560	¥	368,755
The Americas		265,396		242,499
Europe and CIS		56,777		50,592
Others		132,016		125,527
Total	¥	819,749	¥	787,373

There were no sales to a single major external customer for the fiscal years ended March 31, 2022 and 2021. Property, plant and equipment located in U.S.A. in the Americas at March 31, 2022 and 2021 were \(\frac{\pma}{170,073}\) million and \(\frac{\pma}{164,332}\) million, respectively.

23. Supplementary Information to Balance Sheets

At March 31, 2022 and 2021, other current assets were comprised of the following:

	Millions of yen				
		2022		2021	
Prepaid expenses	¥	16,030	¥	13,727	
Short-term loans receivable:					
Affiliated companies		1,612		1,296	
Other		177		224	
Total	¥	1,789	¥	1,520	
Other		144,201		116,368	
Total	¥	162,020	¥	131,615	

At March 31, 2022 and 2021, other current liabilities were comprised of the following:

		Millions of yen				
		2022		2021		
Accrued expenses	¥	131,309	¥	116,777		
Advances received		74,615		59,656		
Other		175,436		145,914		
Total	¥	381,360	¥	322,347		

Valuation and qualifying accounts deducted from assets to which they apply for the fiscal years ended March 31, 2022 and 2021 were comprised of the following:

	Millions of yen				
		2022		2021	
Allowance for doubtful receivables					
Balance at beginning of year	¥	17,149	¥	16,822	
Additions					
Charged to costs and expenses		6,401		8,138	
Charged to other accounts		97		121	
Deductions		(1,571)		(7,932)	
Balance at end of year	¥	22,076	¥	17,149	

Deductions were principally collectible or uncollectible accounts and notes charged to the allowance.

	Millions of yen				
		2022		2021	
Valuation allowance for deferred tax assets					
Balance at beginning of year	¥	36,080	¥	25,779	
Additions					
Charged to costs and expenses		6,454		14,954	
Charged to other accounts		3,805		_	
Deductions		(4,286)		(4,653)	
Balance at end of year	¥	42,053	¥	36,080	

Deductions were principally changes in the expected realization of deferred tax assets and realization or expiration of net operating loss carryforwards.

24. Supplementary Information to Statements of Income

The following information shows research and development expenses and advertising costs, for the fiscal years ended March 31, 2022 and 2021. Research and development expenses and advertising costs are charged to expense as incurred and are included in cost of sales and selling, general and administrative expenses in consolidated statements of income.

		Millions of yen				
		2022	2021			
Research and development expenses	¥	77,478	¥	73,840		
Advertising costs		3,782		1,874		

Shipping and handling costs included in selling, general and administrative expenses for the fiscal years ended March 31, 2022 and 2021 were as follows:

		Millio	ns of yen	
		2022		2021
Shipping and handling costs	¥	59,064	¥	44,424

For the fiscal years ended March 31, 2022 and 2021, Komatsu recognized an impairment loss of \(\frac{\pmathbf{\frac{4}}}{1,372}\) million and \(\frac{\pmathbf{\frac{2}}}{2,403}\) million related to property, plant and equipment and intangible assets at the Company and certain subsidiaries, as profitability of the assets was expected to be low in the future and Komatsu estimated the carrying amounts would not be recovered by the future cash flows.

Other operating income (expenses), net for the fiscal years ended March 31, 2022 and 2021 were comprised of the following:

		Millions of yen			
		2022		2021	
Gain on sale of fixed assets	¥	3,862	¥	1,421	
Loss on disposal or sale of fixed assets		(3,560)		(3,467)	
Other		2,549		(562)	
Total	¥	2,851	¥	(2,608)	

Other income (expenses), net for the fiscal years ended March 31, 2022 and 2021 were comprised of the following:

	Millions of yen			
		2022		2021
Interest income				
Installment receivables	¥	1,015	¥	1,222
Other		3,545		3,079
Dividends		772		992
Interest expense		(12,222)		(13,766)
Net gain (loss) on valuation and (impairment loss) of investment securities		737		47
Exchange gain (loss), net		5,518		1,274
Other		8,188		2,599
Total	¥	7,553	¥	(4,553)

25. Material Subsequent Events

Komatsu evaluated subsequent events through June 20, 2022, the issue date of its consolidated financial statements. [Acquisition of the company]

On June 13, 2022, Board of Directors of the Company resolved to acquire Mine Site Technologies Pty Ltd (hereafter "MST Global"), a provider of operational optimization platforms for underground mining that leverage communication devices and position tracking systems. The acquisition will be through Komatsu Australia Holdings Pty Ltd, a wholly owned subsidiary of the Company in Australia, by purchasing all of its outstanding shares of Mining Technologies Holding Pty Ltd, a parent company of MST Global. The Company has entered into an agreement for the acquisition on June 14, 2022. The anticipated closing date of the acquisition is July 1, 2022, on the condition that all necessary procedures for closing are completed by that date. The impact of the acquisition on Komatsu's financial position and results of operations is not expected to be material.

MST Global develops, manufactures, and sells solutions that enable communication between operators and mining equipment, as well as position tracking for operators and equipment, leveraging communication devices for underground mining based on optical fiber broadband communication systems. MST Global's solutions contribute to the digitization and automation of underground mining operations and have achieved sufficient results in mine sites around the world including global mining customers. MST Global also develops and sells a platform to visualize and monitor the underground mining environment and enable control from a remote operations center above ground.

By adding MST Global's experience and expertise in the introduction of communication devices and optimization platforms, Komatsu aims to enhance the speed at which it offers advanced technology solutions, including the automation and teleoperation of mining equipment underground. Komatsu is working to expand offerings for underground hard rock mining, developing safe, highly productive, smart and clean workplaces of the future, together with customers by digitalization of workplaces around the world with "products" (automation and autonomous operation of equipment) and "solutions" (optimization of workplace's entire operation processes).

Outline of MST Global

Name: Mine Site Technologies Pty Ltd. (private company)

Establish: 1989

Location: Sydney, New South Wales, Australia

Line of business: Development, manufacturing and sale of communication and position detection solution

optimization platforms for dedicated underground mine

26. Terminology, Forms and Preparation Methods of Consolidated Financial Statements

The terminology, forms and preparation methods of the Company's consolidated financial statements are in accordance with U.S. GAAP.

The main differences between consolidated financial statements prepared in accordance with U.S. GAAP and those prepared in accordance with the Accounting Standards for Consolidated Financial Statements and the Ordinance on Terminology, Forms and Preparation Methods of Consolidated Financial Statements of Japan (hereinafter "J. GAAP") are as follows.

(1) Scope of consolidation

For consolidated financial statements in accordance with J. GAAP, the scope of consolidation is determined on an effective control and influence basis. For consolidated financial statements in accordance with U.S. GAAP, the scope of consolidation is determined on the shareholding basis on which the determination is based on voting rights and on a consolidation basis of variable interest entities.

(2) Accounting policies

a. Share issuance cost

Although in accordance with J. GAAP, share issuance cost is permitted to be recognized in profit or loss when incurred, the Company treats such cost in a deduction item from capital surplus as expenses incidental to capital transactions in its consolidated financial statements in accordance with U.S. GAAP.

b. Accounting for retirement benefits

Although in accordance with J. GAAP, net actuarial gains or losses are required to be amortized over certain periods that are shorter than the average remaining years of service, the Company has adopted the corridor approach in its consolidated financial statements in accordance with U.S. GAAP.

c. Business combination and goodwill

Goodwill is required to be amortized over certain periods in accordance with J. GAAP, while U.S. GAAP requires companies to implement impairment test at least once annually without goodwill being amortized. For intangible fixed assets with indefinite useful lives, U.S. GAAP also requires companies to implement impairment test without such assets being amortized.

(3) Presentation methods and other matters

a. Presentation of legal retained earnings

Although in accordance with J. GAAP, legal retained earnings are recorded as retained earnings together with other surplus, the Company separately presents as appropriated legal reserve in its consolidated financial statements in accordance with U.S. GAAP.

b. Extraordinary income and loss

In accordance with J. GAAP, gain or loss on certain sales of non-current assets, such as gain or loss from the sale of fixed assets, is presented as extraordinary income or loss. However, since there is no concept of extraordinary items in U.S. GAAP, extraordinary income or loss is not presented in the Company's consolidated financial statements.

c. Investment and rental properties

In accordance with J. GAAP, if the investment and rental properties are material, disclose notes for the outline, the carrying amount in the consolidated balance sheets and fair value of these properties are required. However, such notes are omitted in the Company's consolidated financial statements because the total amount of investment and rental properties is immaterial.

Supplementary Schedule

Detailed Statements of Bonds

Refer to Note 10 in the notes of consolidated financial statements.

Detailed Statements of Borrowings, etc.

Refer to Note 10 in the notes of consolidated financial statements.

Detailed Statements of Asset Retirement Obligation

The amounts of asset retirement obligation at the beginning and end of this fiscal year are less than a hundredth of the amounts of total liabilities and total equity at the beginning and end of this fiscal year, respectively. This statement has been omitted because it is immaterial.

(2) OthersQuarterly Financial Information

•								
			Millions of yen exce	pt per share amounts				
	Three n	nonths ended	Six months ended	Nine months ended	Fiscal year ended			
	June	30, 2021	September 30, 2021	December 31, 2021	March 31, 2022			
Net sales	¥	648,266	¥ 1,291,400	¥ 2,014,677	¥ 2,802,323			
Income before income taxes and equity in earnings of affiliated companies		61,454	136,509	224,315	324,568			
Net income attributable to Komatsu Ltd.		40,892	93,141	155,502	224,927			
Net income attributable to Komatsu Ltd. per								
share (Yen)								
Basic		43.27	98.56	164.53	237.97			
Diluted		43.26	98.53	164.49	237.92			
			Y	en				
	Three n	nonths ended	Three months ended	Three months ended	Three months ended			
	June	30, 2021	September 30, 2021	December 31, 2021	March 31, 2022			
Net income attributable to Komatsu Ltd. per								
share								
Basic		43.27	55.29	65.97	73.44			
Diluted		43.26	55.27	65.96	73.43			

2. Non-Consolidated Financial Statements, etc.

(1) Non-Consolidated Financial Statements

Non-Consolidated Balance Sheet

(Years ended March 31, 2022 and 2021)

(Years ended March 31, 2022 and 2021)	Millions of yen		
	2022	2021	
Assets			
Current assets:			
Cash and deposits	212,073	234,745	
Notes receivable-trade	1,312	1,252	
Accounts receivable-trade	224,814	170,391	
Merchandise and finished goods	50,585	35,477	
Work in process	51,993	41,185	
Raw materials and supplies	4,200	3,637	
Prepaid expenses	5,544	4,778	
Short-term loans receivable	21,476	28,155	
Accounts receivable-other	37,565	24,046	
Other current assets	1,766	3,286	
Allowance for doubtful accounts	(375)	(375)	
Total current assets	610,958	546,581	
Non-current assets:	<u> </u>		
Property, plant and equipment:			
Buildings	96,234	94,703	
Structures	15,447	15,581	
Machinery and equipment	46,142	44,439	
Vehicles	857	823	
Tools, furniture and fixtures	11,227	11,253	
Rental equipment	50,721	53,755	
Land	44,770	45,477	
Construction in progress	6,680	7,847	
Total property, plant and equipment	272,081	273,882	
Intangible assets:			
Software	27,094	33,065	
Other intangible assets	312	233	
Total intangible assets	27,407	33,298	
Investments and other assets:	27,107	33,270	
Investment securities	2,477	1,656	
Stocks of subsidiaries and affiliates	398,567	390,994	
Investments in capital of subsidiaries and affiliates	39,813	39,813	
Long-term loans receivable	18,335	17,659	
Long-term prepaid expenses	3,144	3,419	
Deferred tax assets	25,199	24,641	
Other investments	8,694	3,960	
Allowance for doubtful accounts	(890)	(890)	
Allowance for investment loss	(2,253)	(2,285)	
Total investments and other assets	493,088	478,970	
Total non-current assets	792,576	786,152	
Total assets		· · · · · · · · · · · · · · · · · · ·	
TOTAL ASSETS	1,403,535	1,332,733	

-	2022	2021
Liabilities		
Current liabilities:		
Notes payable-trade	_	5
Accounts payable-trade	107,465	83,326
Short-term loans payable	15,780	35,356
Commercial papers	81,000	110,000
Accounts payable-other	13,661	13,727
Accrued expenses	33,013	26,823
Income taxes payable	30,035	2,351
Advances received	_	361
Deposits received	80,963	38,844
Provision for bonuses	10,311	8,348
Provision for directors' bonuses	179	71
Provision for product warranties	7,770	7,050
Other current liabilities	16,777	9,892
Total current liabilities	396,958	336,160
Non-current liabilities:		
Bonds payable	70,000	70,000
Long-term loans payable	72,000	66,000
Provision for product warranties	2,018	1,602
Provision for retirement benefits	42,304	50,017
Other long-term liabilities	18,818	11,356
Total non-current liabilities	205,141	198,976
Total liabilities	602,099	535,136
		<u> </u>
Net Assets		
Shareholders' equity:		
Capital stock	71,678	71,322
Capital surplus:	,	,
Legal capital surplus	141,697	141,341
Other capital surplus	405	359
Total capital surplus	142,103	141,701
Retained earnings:	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Legal retained earnings	18,036	18,036
Other retained earnings:		
Reserve for special depreciation	_	24
Reserve for advanced depreciation of non-	44.400	
current assets	11,400	11,728
General reserve	210,359	210,359
Retained earnings brought forward	398,984	393,103
Total retained earnings	638,780	633,252
Treasury stock	(48,844)	(48,448)
Total shareholders' equity	803,716	797,827
Valuation and translation adjustments:	003,710	171,021
Deferred gains or losses on hedges	(2,615)	(863)
Total valuation and translation adjustments	(2,615)	(863)
	<u> </u>	` ′
Stock acquisition rights Total net assets	333	707 506
	801,435	797,596
Total liabilities and net assets	1,403,535	1,332,733

Non-Consolidated Statement of Income

Net income

(Years ended March 31, 2022 and 2021)		
	Millions of	yen
	2022	2021
Net sales	952,247	653,587
Cost of sales	747,172	541,128
Gross profit	205,074	112,458
Selling, general and administrative expenses		
Haulage expenses	38,278	24,098
Salaries and allowances	46,342	45,953
Provision for bonuses	4,463	3,698
Provision for directors' bonuses	195	44
Retirement benefit expenses	2,447	2,996
Depreciation	10,099	11,350
Research and development expenses	51,258	51,288
Other	(13,367)	(17,098)
Total selling, general and administrative expenses	139,717	122,330
Operating income (loss)	65,357	(9,872)
Non-operating income	<u> </u>	
Interest and dividends income	27,068	39,199
Transfer pricing taxation adjustment	*2 94	_
Other	5,451	4,562
Total non-operating income	32,615	43,761
Non-operating expenses	<u> </u>	· · · · · · · · · · · · · · · · · · ·
Interest expenses	255	319
Transfer pricing taxation adjustment	_	*2 3,284
Other	3,581	5,229
Total non-operating expenses	3,836	8,834
Ordinary income	94,135	25,055
Extraordinary income		· · · · · · · · · · · · · · · · · · ·
Gain on sales of land	380	_
Gain on sales of investments in capital of subsidiaries and affiliates	_	3,024
Gain on revision of retirement benefit plan	*3 6,366	_
Total extraordinary income	6,747	3,024
Extraordinary losses		3,021
Impairment loss	<u>_</u>	224
Loss on revision of retirement benefit plan	_	*4 9,014
Total extraordinary losses		9,238
Income before income taxes	100,883	18,840
Income taxes - current	22,329	1,289
Income taxes - deferred	210	(4,323)
Total income taxes	22,540	(3,034)
Total medilic taxes	70.242	(3,034)

78,342

21,875

Non-Consolidated Statement of Changes in Net Assets (From April 1, 2021 to March 31, 2022)

	Shareholders' equity (Millions of yet)											
	Capital surplus Retained earnings											
							Other retain	ed earnings				
	Capital stock	Legal capital surplus	Other capital surplus	Total capital surplus	Legal retained earnings	Reserve for special depreciation	Reserve for advanced depreciation of non-current assets	General reserve	Retained earnings brought forward	Total retained earnings		
Balance at the beginning of current period	71,322	141,341	359	141,701	18,036	24	11,728	210,359	393,103	633,252		
Changes of items during the period												
Reversal of reserve for special depreciation						(24)			24	_		
Reversal of reserve for advanced depreciation of non-current assets							(327)		327	-		
Dividends from surplus									(72,814)	(72,814)		
Net income									78,342	78,342		
Purchase of treasury stock												
Disposal of treasury stock			46	46								
Restricted stock compensation	355	355		355								
Net changes of items other than shareholders' equity												
Total changes of items during the period	355	355	46	401	_	(24)	(327)	_	5,880	5,528		
Balance at the end of current period	71,678	141,697	405	142,103	18,036	_	11,400	210,359	398,984	638,780		

	Sharehold	ers' equity	Valuation and trans	slation adjustments	Stock		
	Treasury stock	Total shareholders' equity	Deferred gains or losses on hedges	Total valuation and translation adjustments	acquisition rights	Total net assets	
Balance at the beginning of current period	(48,448)	797,827	(863)	(863)	632	797,596	
Changes of items during the period							
Reversal of reserve for special depreciation		_				ı	
Reversal of reserve for advanced depreciation of non-current assets		_				-	
Dividends from surplus		(72,814)				(72,814)	
Net income		78,342				78,342	
Purchase of treasury stock	(649)	(649)				(649)	
Disposal of treasury stock	252	299				299	
Restricted stock compensation		711				711	
Net changes of items other than shareholders' equity			(1,751)	(1,751)	(298)	(2,049)	
Total changes of items during the period	(396)	5,888	(1,751)	(1,751)	(298)	3,838	
Balance at the end of current period	(48,844)	803,716	(2,615)	(2,615)	333	801,435	

(From April 1, 2020 to March 31, 2021)

(Millions of Shareholders' equity										
		C	Capital surplu	ıs		Retained earnings				
							Other retain	ed earnings		
	Capital stock	Legal capital surplus	Other capital surplus	Total capital surplus	Legal retained earnings	Reserve for special depreciation	Reserve for advanced depreciation of non-current assets	General reserve	Retained earnings brought forward	Total retained earnings
Balance at the beginning of current period	70,973	140,993	285	141,279	18,036	99	12,082	210,359	423,662	664,240
Cumulative effects of changes in accounting policies									1,014	1,014
Restated balance	70,973	140,993	285	141,279	18,036	99	12,082	210,359	424,677	665,255
Changes of items during the period										
Reversal of reserve for special depreciation						(75)			75	_
Reversal of reserve for advanced depreciation of non-current assets							(354)		354	1
Dividends from surplus									(53,878)	(53,878)
Net income									21,875	21,875
Purchase of treasury stock										
Disposal of treasury stock			73	73						
Restricted stock compensation	348	348		348						
Net changes of items other than shareholders' equity										
Total changes of items during the period	348	348	73	422	_	(75)	(354)	-	(31,573)	(32,003)
Balance at the end of current period	71,322	141,341	359	141,701	18,036	24	11,728	210,359	393,103	633,252

	(11	illions of yen				
	Sharehold	ers' equity	Valuation and trans	slation adjustments	Stock	
	Treasury stock	Total shareholders' equity	Deferred gains or losses on hedges	Total valuation and translation adjustments	acquisition rights	Total net assets
Balance at the beginning of current period	(48,761)	827,731	234	234	1,036	829,003
Cumulative effects of changes in accounting policies		1,014				1,014
Restated balance	(48,761)	828,746	234	234	1,036	830,018
Changes of items during the period						
Reversal of reserve for special depreciation		_				_
Reversal of reserve for advanced depreciation of non-current assets		_				_
Dividends from surplus		(53,878)				(53,878)
Net income		21,875				21,875
Purchase of treasury stock	(19)	(19)				(19)
Disposal of treasury stock	332	406				406
Restricted stock compensation		697				697
Net changes of items other than shareholders' equity			(1,098)	(1,098)	(404)	(1,503)
Total changes of items during the period	313	(30,918)	(1,098)	(1,098)	(404)	(32,421)
Balance at the end of current period	(48,448)	797,827	(863)	(863)	632	797,596

Notes to Non-Consolidated Financial Statements

Significant Accounting Policies

(1) Method and basis of valuation of securities

Investments in subsidiaries and affiliated companies:

Stated at cost determined by the moving-average method.

Available-for-sale securities:

Securities, etc. whose market price is not readily determinable:

Stated at cost determined by the moving-average method.

(2) Method and basis of valuation of inventories

Merchandise and finished goods, work in process:

Stated at cost (specific identification method).

Raw materials and supplies:

Stated at cost (periodic average method).

The value stated in the balance sheet is computed according to write-downs based on the decreased profitability.

(3) Depreciation of non-current assets

Property, plant and equipment (excluding lease assets):

Straight-line method

Intangible assets (excluding lease assets):

Straight-line method

Lease assets

Lease assets pertaining to finance leases that do not transfer ownership of leased property to the lessee: Straight-line method over the lease period as the useful life

(4) Allowances and provisions

1) Allowance for doubtful accounts

To cover possible credit losses on accounts receivables or loans, an allowance for doubtful accounts is provided in the amount deemed uncollectible, which is calculated on the basis of historical default rates for normal claims, or on the basis of individual assessments for specific claims on obligors threatened with bankruptcy.

2) Allowance for investment loss

In order to prepare for losses from investing in domestic and overseas unlisted companies, allowance for investment loss is accounted for by taking into consideration the financial position of the issuer and fluctuation of the foreign exchange of the country of the issuer.

3) Provision for bonuses

Provision for bonuses is provided for payment prospect of bonuses to employees at an amount considered to be recorded for the fiscal year.

4) Provision for directors' bonuses

Provision for directors' bonuses is provided for payment prospect of bonuses to Directors at an amount considered to be recorded for the fiscal year.

5) Provision for product warranties

Provision for product warranties is provided for product after-sales service expenses based on the historical performance, etc.

6) Provision for retirement benefits

In order to provide for employee retirement benefits, the Company accrues liabilities for severance payments and pension at the amount calculated based on the projected benefit obligations and plan assets at the balance sheet date.

When calculating the projected benefit obligations, the benefit formula basis is used to attribute expected benefits to the period through to the end of the fiscal year. Prior service cost is amortized at the lump-sum amount in the fiscal year when it is incurred. Actuarial loss is amortized in an amount proportionally appropriated on a straight-line basis over a 10-year period, which is shorter than the average remaining service period of employees, beginning with the following term when the difference is recognized.

(5) Accounting for income and expenses

The Company recognizes revenue by adopting the following five steps in accordance with "Accounting Standard for Revenue Recognition" (ASBJ Statement No. 29, March 31, 2020) and "Implementation Guidance on Accounting Standard for Revenue Recognition" (ASBJ Guidance No. 30, March 26, 2021).

Step 1: Identify the contracts with a customer

Step 2: Identify the performance obligations in the contract

Step 3: Determine the transaction price

Step 4: Allocate the transaction price to the performance obligations in the contract

Step 5: Recognize revenue when (or as) the entity satisfies a performance obligation

The details are as described in "Revenue Recognition."

(6) Other significant information for preparation of financial statements

1) Application of consolidated taxation system in Japan

The Company applies a consolidated tax payment system.

2) The application of the treatment of tax effect accounting for the transition from the consolidated taxation system to the group tax sharing system

The Company will transition from the consolidated taxation system to the group tax sharing system from next fiscal year. However, for items for which the non-consolidated taxation system is reviewed in tandem with the transitions to the group tax sharing system that is established under the Act Partially Amending the Income Tax Act (Act No. 8 of 2020), and to the group tax sharing system, the Company reports the amounts of deferred tax assets and deferred tax liabilities pursuant to the provision of the tax law prior to the amendment, and does not apply the provision of paragraph (44) of "Implementation Guidance on Tax Effect Accounting" (ASBJ Guidance No. 28, February 16, 2018), as allowed by the treatment prescribed under paragraph (3) of the "Practical Solution on the Treatment of Tax Effect Accounting for the Transition from the Consolidated Taxation System to the Group Tax Sharing System" (ASBJ PITF No. 39, March 31, 2020).

From the beginning of next fiscal year, the Company plans to apply "Practical Solution on the Accounting and Disclosure under the Group Tax Sharing System" (ASBJ PITF No. 42, August 12, 2021), which prescribes treatment for accounting and disclosure for income tax, local income tax, and deferred tax accounting in cases where the group tax sharing system is applied.

Notes to Accounting Estimates

Recoverability of deferred tax assets

Amount recorded in financial statements

The Company applies tax effect accounting to temporary differences arising from a difference in tax and account treatment, and records deferred tax assets on the balance sheet.

(Millions of yen)

	Fiscal year ended March 31, 2022	Fiscal year ended March 31, 2021
Deferred tax assets	25,199	24,641

Other information

- (1) Calculation method of the amount recorded in financial statements for the fiscal year ended March 31, 2022 The Company recognizes deferred tax assets to the extent of deductible temporary differences that are allowed to reduce the tax amount payable into the future.
- (2) Major assumptions used in the calculation of the amounts recorded in financial statements for the fiscal year ended March 31, 2022

Estimates of future taxable income used to evaluate the recoverability of deferred tax assets are determined based on business plans; however, with regard to these business plans, assumptions have been made mainly in the forecasts of future sales and profits, including the impact of the turmoil, etc. in the supply chain, financial sector and economies brought about by the COVID-19 pandemic and the Ukraine situation.

Impact on financial statements for the following fiscal year

A decrease in the future taxable income may result in reducing the amount of deferred tax assets.

Notes to Changes in Accounting Policies

Adoption of Accounting Standard for Fair Value Measurement

The Company has applied the "Accounting Standard for Fair Value Measurement" (ASBJ Statement No. 30, July 4, 2019) and "Implementation Guidance on Accounting Standard for Fair Value Measurement" (ASBJ Guidance No. 31, July 4, 2019) from the beginning of the fiscal year ended March 31, 2022, and it has applied the new accounting policy provided for by the Accounting Standard for Fair Value Measurement and its implementation guidance prospectively in accordance with the transitional treatment provided for in paragraph (19) of the Accounting Standard for Fair Value Measurement, and paragraph (44)-2 of the "Accounting Standard for Financial Instruments" (ASBJ Statement No. 10, July 4, 2019).

This change does not have an impact on the non-consolidated financial statements for the fiscal year ended March 31, 2022.

Additional Information

Based on the resolution at the Board of Directors meeting held on April 30, 2021, the Company carried out an absorption-type company split on July 1, 2021 (effective date), in which LANDLOG Ltd. is to serve as the successor company in assuming a portion of the Company's rights and liabilities, etc. relating to the Company's SMARTCONSTRUCTION business.

LANDLOG Ltd. changed its trade name to "EARTHBRAIN Ltd." on July 1, 2021.

The Company accounts for the above as a transaction under common control based on "Accounting Standard for Business Combinations" (ASBJ Statement No. 21, January 16, 2019) and "Implementation Guidance on Accounting Standard for Business Combinations and Accounting Standard for Business Divestitures" (ASBJ Guidance No. 10, January 16, 2019). The aforementioned absorption-type company split does not have a substantial impact on the Company's financial position and results of operations.

Notes to Non-Consolidated Balance Sheet

(Years ended March 31, 2022 and 2021)

1. Receivables from, and debts payable to subsidiaries and affiliates

	Millions	of yen
	2022	2021
Short-term receivables from subsidiaries and affiliates	204,038	169,081
Short-term debts payable to subsidiaries and affiliates	112,810	63,081
Long-term receivables from subsidiaries and affiliates	18,551	17,983

2. Contingency liability

	Millions of yen	
	2022	2021
Balance of guarantees for bonds and debt for borrowings from financial institutions by subsidiaries and affiliates	165,718	190,020
Balance of guarantees for debt for borrowings from financial institutions by employees (home loans)	373	440
Balance of keep-well agreements for the bonds of subsidiaries and affiliates	152,017	151,610
Balance of guarantees for loans financed by subsidiaries and affiliates	4,557	499

Notes to Non-Consolidated Statement of Income

(Years ended March 31, 2022 and 2021)

1. Trading with subsidiaries and affiliates

	Millions o	Millions of yen		
	2022	2021		
Sales	752,710	538,383		
Purchases	171,651	122,147		
Trading other than operating transactions	36,621	51,983		

*2. Transfer pricing taxation adjustment

Adjustments and loss or gain on the adjustments paid to Komatsu Europe International N.V. based on the agreements of the prior applications submitted for approval regarding transfer pricing.

*3. Gain on revision of retirement benefit plan

Part of the retirement benefit plan (lump-sum retirement benefit plan and defined benefit pension plan (cash balance type)) has been transferred to the defined contribution pension plan on April 1, 2021. A gain was recorded in relation to this transfer.

*4. Loss on revision of retirement benefit plan

The Company revised the retirement benefit plan, among others, on April 1, 2021. Loss on revision of retirement benefit plan is a lump-sum amortization, etc. of past service costs arising from such a revision to the retirement benefit plan.

Notes to Non-Consolidated Statement of Changes in Net Assets

The 153rd Fiscal Year (From April 1, 2021 to March 31, 2022) (1) Type and number of shares issued

(Thousands of shares)

	Number of Shares at Fiscal Year- beginning	Increase During the Fiscal Year		Number of Shares at Fiscal Year-end
Common stock*	972,887	258	-	973,145
Total	972,887	258	-	973,145

Note: The 258 thousand-share increase in the number of common stock is due to the issuance of new shares as restricted stock compensation

(2) Dividends

1) Payment amount of dividends

Resolution	Type of Shares	Total Dividends (Millions of yen)	Dividend per Share (yen)	Record Date	Effective Date
Ordinary General Meeting of Shareholders held on June 18, 2021	Common stock	34,986	37	March 31, 2021	June 21, 2021
Meeting of the Board of Directors held on October 28, 2021	Common stock	37,828	40	September 30, 2021	December 1, 2021

2) Dividends of which record date is in the fiscal year and effective date is in the next fiscal year The Company proposed the following dividends to be resolved at the Ordinary General Meeting of Shareholders to be held on June 21, 2022.

Planned Resolution	Type of Shares	Total Dividends (Millions of yen)	Resource of Dividends	Dividend per Share (yen)	Record Date	Effective Date
Ordinary General Meeting of Shareholders to be held on June 21, 2022	Common stock	52,962	Retained earnings	56	March 31, 2022	June 22, 2022

The 152nd Fiscal Year (From April 1, 2020 to March 31, 2021) (1) Type and number of shares issued

(Thousands of shares)

	Number of Shares at Fiscal Year- beginning	Increase During the Fiscal Year		Number of Shares at Fiscal Year-end
Common stock*	972,581	306	-	972,887
Total	972,581	306	-	972,887

Note: The 306 thousand-share increase in the number of common stock is due to the issuance of new shares as restricted stock compensation

(2) Dividends

1) Payment amount of dividends

Resolution	Type of Shares	Total Dividends (Millions of yen)	Dividend per Share (yen)	Record Date	Effective Date
Ordinary General Meeting of Shareholders held on June 18, 2020	Common stock	36,858	39	March 31, 2020	June 19, 2020
Meeting of the Board of Directors held on October 28, 2020	Common stock	17,019	18	September 30, 2020	December 1, 2020

2) Dividends of which record date is in the fiscal year and effective date is in the next fiscal year The Company proposed the following dividends to be resolved at the Ordinary General Meeting of Shareholders to be held on June 18, 2021.

Planned Resolution	Type of Shares	Total Dividends (Millions of yen)	Resource of Dividends	Dividend per Share (yen)	Record Date	Effective Date
Ordinary General Meeting of Shareholders to be held on June 18, 2021	Common stock	34,986	Retained earnings	37	March 31, 2021	June 21, 2021

Securities

Fair values for shares of subsidiaries (carrying amount of ¥392,517 million and ¥384,729 million as of March 31, 2022 (153rd fiscal year) and March 31, 2021 (152nd fiscal year), respectively) and shares of affiliated companies (carrying amount of ¥6,050 million and ¥6,264 million as of March 31, 2022 (153rd fiscal year) and March 31, 2021 (152nd fiscal year), respectively) are not presented because they are classified as shares and other securities with no quoted market price.

Tax Effect Accounting

1. Major reasons for the accrual of deferred tax assets and deferred tax liabilities (Years ended March 31, 2022 and 2021)

(Millions of yen		
-	2022	2021	
Deferred tax assets			
Provision for product warranties	2,985	2,638	
Inventories	1,727	1,625	
Accrued enterprise tax	1,454	35	
Provision for bonuses	3,145	2,546	
Provision for retirement benefits	12,772	15,012	
Investment securities and stocks of subsidiaries and affiliates	3,994	3,538	
Excess over depreciation limit	1,506	1,559	
Deferred gains or losses on hedges	1,147	378	
Return assets and refund liabilities	1,129	996	
Accrued expenses	2,360	2,214	
Others	5,434	6,128	
Subtotal deferred tax assets	37,658	36,674	
Less valuation allowance	(5,904)	(5,437)	
Total deferred tax assets	31,753	31,236	
Deferred tax liabilities			
Reserve for advanced depreciation of non-current assets	(5,073)	(5,222)	
Others	(1,481)	(1,372)	
Total deferred tax liabilities	(6,554)	(6,595)	
Net deferred tax assets	25,199	24,641	

2. Major components of difference between the statutory tax rate and the effective tax rate after tax effect accounting is applied

	2022	2021
Statutory tax rate	30.5%	30.5%
Adjustments		
Expenses not deductible permanently such as entertainment expenses	1.0	8.9
Income not taxable permanently such as dividend income	(7.7)	(58.6)
Foreign tax credit	(0.8)	(5.5)
Transfer pricing taxation adjustment	2.4	8.8
Foreign withholding tax	0.7	11.0
Valuation allowance	0.5	(0.7)
Tax credit for experiment and research expenses	(4.1)	(8.5)
Others	(0.2)	(2.0)
Effective tax rate after tax effect accounting is applied	22.3	(16.1)

Revenue Recognition

The Company engages in the business activities of sales of products and services of construction equipment, industrial machinery, etc. in Japan and overseas. In these business activities, the Company provides goods or services identified in contracts with customers. The Company recognizes revenue when or as control over these goods or services is transferred to the customer at the amount of the transaction price that reflects the consideration to which it expects to be entitled. When two or more goods or services are provided to the same customer, the Company identifies performance obligations in a single contract or combined contracts and allocates the transaction price to each identified performance obligations based on relative stand-alone selling prices.

For sale of equipment, parts, attachment and others, revenue is recognized when the customers accept the goods or services.

Conditions for acceptance, such as shipping, receipt by customers, completion of installation or completion of performance test, depend on contracts or arrangements with customers and the like.

The consideration for those transactions is generally collected within three months after the performance obligation is satisfied.

For services such as periodic check, maintenance, and repair and other services, revenue is recognized when provision of the service is completed, or over the period for which the service is provided. Conditions for completion of service provision, including receipt of completion report, depend on contracts or arrangements with customers and the like. The consideration for those transactions is generally collected within three months after the performance obligation is satisfied.

The Company has signed long-term maintenance contracts with their customers, in which case the customers receive services and simultaneously consume them as the performance obligations are satisfied. Thus, revenue from such services is recognized over the period of the contract with the customer in accordance with the progress percentage on the basis of costs incurred, which appropriately represents the transfer of control to the customer.

Loyalties received for licensing to customers (mainly affiliates) are recognized as revenue based on the amount used by the customer in principle.

Certain transaction prices include variable consideration such as future discounts and sales returns. Variable consideration is an estimate of the expected value or the most likely amount, to the extent that it is probable that a significant reversal in cumulative revenue recognized up to that point will not occur when the uncertainty associated with the variable consideration is subsequently resolved. When the period between when control over goods or services is transferred to the customer and when the customer pays for the goods or services is expected to be one year or less at the inception of the contract, the Company does not make any adjustment for the effect of time value of consideration.

The Company is obligated to accept parts returned from customers for a certain period after the sale. In consideration of the relevant historical return result and other factors, the Company's right to recover parts from customers is recognized in other current assets and other investments as a return asset, and also a refund liability is recognized in other current liabilities and other long-term liabilities for its obligation to refund the customers upon return of parts.

With regard to transactions with combination of products, periodic check, maintenance and others, performance obligations are identified in a single contract or combined contracts. Transaction price is allocated to each identified performance obligation according to the proportion of stand-alone selling price that is determined based on observable price such as contract amount, and estimated cost including historical experience.

After the product are sold or delivered, the Company repairs the sold product and replaces parts free of charge for a certain period in accordance with the contract. Thus, in order to provide for disbursement of the after-sales service costs, provision for product warranties is recognized based on the relevant historical result.

In addition to this standard warranty, the Company offers a package of extended warranty for power line (engine & power systems and hydraulic system) upon the purchase of a product and free maintenance service as a service

program to maintain the performance of construction equipment over a longer period of time. The Company determines this program to be a service-type warranty, and identifies a separate performance obligation for recognizing revenue from this program.

Significant Subsequent Event

The $153^{\rm rd}$ fiscal year (From April 1, 2021 to March 31, 2022) No items to report.

Non-consolidated supplementary schedule for the 153rd Fiscal Year (From April 1, 2021 to March 31, 2022)

Detailed statement of property, plant and equipment, etc.

(Millions of yen)

Category	Type of assets	Balance at Fiscal Year- beginning	Increase During the Fiscal Year ended March 31, 2022	Decrease During the Fiscal Year ended March 31, 2022	Depreciation and amortization during the Fiscal Year ended March 31, 2022	Balance at Fiscal Year- end	Accumulated depreciation and amortization
Property, plant and equipment	Buildings	94,703	8,036	436	6,068	96,234	132,118
	Structures	15,581	1,386	68	1,453	15,447	32,777
	Machinery and equipment	44,439	11,339	740	8,895	46,142	237,371
	Vehicles	823	400	17	348	857	3,444
	Tools, furniture and fixtures	11,253	5,042	298	4,770	11,227	70,174
	Rental equipment	53,755	11,300	3,456 [17]	10,878	50,721	39,386
	Land	45,477	53	760 [9]	_	44,770	_
	Construction in progress	7,847	20,733	21,900	_	6,680	_
	Total	273,882	58,292	27,679 [27]	32,414	272,081	515,273
Intangible assets	Software	33,065	8,283	6,056	8,197	27,094	_
	Other intangible assets	233	129	0	50	312	_
	Total	33,298	8,413	6,056	8,248	27,407	_

Notes: 1. The figures in square brackets in the "Decrease During the Fiscal Year ended March 31, 2022" column represent amounts of impairment loss included in the figures above.

- 2. The increase of rental equipment in the fiscal year ended March 31, 2022 was mainly due to the increase in construction machinery and other equipment owned for the purpose of leasing to other companies. The increase of construction in progress in the fiscal year ended March 31, 2022 was mainly due to the increase in rental equipment.
- 3. The decrease of software in the fiscal year ended March 31, 2022 was mainly due to the absorption-type company split to LANDLOG Ltd. on July 1, 2021.

Detailed statement of reserves

Item	Balance at the Beginning of the Fiscal Year ended March 31, 2022	Increase During the Fiscal Year ended March 31, 2022	Decrease During the Fiscal Year ended March 31, 2022	Balance at the End of the Fiscal Year ended March 31, 2022
Allowance for doubtful accounts	1,265	375	375	1,265
Allowance for investment loss	2,285	_	32	2,253
Provision for bonuses	8,348	10,311	8,348	10,311
Provision for directors' bonuses	71	195	88	179
Provision for product warranties	8,652	9,788	8,652	9,788

(2) Primary assets and liabilities

As the consolidated financial statements are prepared, this information is omitted here.

(3) Others

There are no special items to report.

Item 6. Stock-Related Administration for the Company

Fiscal year	From April 1 to March 31
Ordinary General Meeting of Shareholders	June
Record date	March 31
Record date of dividends	Interim dividends: September 30
	Year-end dividends: March 31
Number of shares constituting one unit*	100 shares
Purchase and sales of shares less than one unit	
Handling office	(Special account)
	Mitsubishi UFJ Trust and Banking Corporation
	Stock Transfer Agency Department
	4-5, Marunouchi 1-Chome, Chiyoda-ku, Tokyo, Japan
Transfer agent	(Special account)
	Mitsubishi UFJ Trust and Banking Corporation
	4-5, Marunouchi 1-Chome, Chiyoda-ku, Tokyo, Japan
Forward office	-
Purchase and sales fee	Free of charge
Method of public notice	The method of public notice by the Company shall be electronic public notice,
	provided, however, that if, the use of the electronic public notice becomes
	impossible, due to an accident or any other unavoidable reason, the public notices
	of the Company shall be made by publication in The Nihon Keizai Shimbun
	published in Tokyo.
	URL for public notice is following
	https://www.komatsu.jp/ja/
Special benefit for shareholders	The Gift of Gratitude to Long-term Shareholders
	1.Qualified shareholders
	Shareholders of record as of March 31 every year, who own at least three (3) units
	(300 shares) and have continuously owned any number of shares of the Company
	at least for the last three (3) years* as of March 31 every year.
	*Shareholders who qualify for the shareholding of at least the last three (3) years
	are shown in the register of shareholders as of March 31 and September 30 every
	year, with the statement saying that they have continuously held shares of the
	Company seven (7) times, i.e., for a period of seven (7) x six (6) months, or more,
	including the record date, under the same shareholder numbers.
	2.Gift of gratitude
	Original miniature models of Komatsu products (not for sale)
	One miniature model per qualified shareholder

Note:

Shareholders of the Company are not entitled to exercise their rights pertaining to shares constituting less than one (1) unit (Tangen) of shares held by them, except for the following rights:

- (1) The rights provided for in each item of Article 189, Paragraph 2 of the Companies Act of Japan;
- (2) The right to make a request provided for in the provisions of Article 166, Paragraph 1 of the Companies Act of Japan;
- (3) The right to receive the allotment of offered shares and offered stock acquisition rights in proportion to the number of shares held by each shareholder;
- (4) The right to make a request to the Company for transfer of shares constituting less than one unit

Item 7. Reference Information on the Company

1. Information on the Parent Company

Not applicable.

2. Other Reference Information

The Company filed the following documents during the period from the commencing date of the fiscal year ended March 31, 2022 to the filing date of Annual Securities Report.

tiic i	ining date of Annual Securities Rep	ort.		
(1)	Annual Securities Report and Documents Attached, and Confirmation Letter	Business Term (152 nd)	From April 1, 2020 To March 31, 2021	Filed with Director-General of the Kanto Local Finance Bureau on June 17, 2021
(2)	Internal Control Report and Documents Attached			Filed with Director-General of the Kanto Local Finance Bureau on June 17, 2021
(3)	Quarterly Report and Confirmation Letter	(153 rd First Quarter)	From April 1, 2021 To June 30, 2021	Filed with Director-General of the Kanto Local Finance Bureau on August 6, 2021
		(153 rd Second Quarter)	From July 1, 2021 To September 30, 2021	Filed with Director-General of the Kanto Local Finance Bureau on November 11, 2021
		(153 rd Third Quarter)	From October 1, 2021 To December 31, 2021	Filed with Director-General of the Kanto Local Finance Bureau on February 10, 2022
(4)	Extraordinary Report	Pursuant to Article 19, paragraph 2, item 9-2 of the Cabinet Office Ordinance Concerning Disclosure of Corporate Affairs, etc. Pursuant to Article 19, paragraph 2, item 9 of the Cabinet Office Ordinance Concerning Disclosure of Corporate Affairs, etc.		Filed with Director-General of the Kanto Local Finance Bureau on June 22, 2021
				Filed with Director-General of the Kanto Local Finance Bureau on February 18, 2022
(5)	Securities Registration Statement (issuance of new shares under the restricted stock compensation plan) and Documents Attached			Filed with Director-General of the Kanto Local Finance Bureau on July 16, 2021
(6)	Amendment to Securities Registration Statement	Amendment to the Securities Registration Statement filed on July 16, 2021		Filed with Director-General of the Kanto Local Finance Bureau on July 30, 2021
		Amendment to the Statement filed on	Securities Registration July 16, 2021	Filed with Director-General of the Kanto Local Finance Bureau on August 6, 2021
(7)	Amended Shelf Registration Statement			Filed with Director-General of the Kanto Local Finance Bureau on June 22, 2021
				Filed with Director-General of the Kanto Local Finance Bureau on February 18, 2022

Part II Information on Guarantors, etc., for the Company Not applicable.

[English Translation of the Independent Auditor's Report Originally Issued in the Japanese Language]

Independent Auditor's Report on the Financial Statements and Internal Control Over Financial Reporting

June 20, 2022

To The Board of Directors of Komatsu Ltd.:

KPMG AZSA LLC Tokyo Office

Masafumi Tanabu Designated Limited Liability Partner Engagement Partner Certified Public Accountant

Tomoo Nishigori Designated Limited Liability Partner Engagement Partner Certified Public Accountant

Daisuke Toyama
Designated Limited Liability Partner
Engagement Partner
Certified Public Accountant

Report on the Audit of the Consolidated Financial Statements

Opinion

We have audited the accompanying consolidated financial statements of Komatsu Ltd. ("the Company") and its consolidated subsidiaries (collectively referred to as "the Group") provided in the "Financial Information" section in the Komatsu's Annual Securities Report ("Yukashoken Hokokusho"), which comprise the consolidated balance sheet as at March 31, 2022, and the consolidated statement of income, the consolidated statement of comprehensive income, the consolidated statement of equity and the consolidated statement of cash flows for the fiscal year then ended, and notes to the consolidated financial statements and supplementary schedules, in accordance with Article 193-2, Paragraph 1 of the Financial Instruments and Exchange Act of Japan.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as at March 31, 2022, and its consolidated financial performance and its consolidated cash flows for the fiscal year then ended in accordance with accounting principles generally accepted in the United States of America, pursuant to Paragraph 3 of the Supplementary Provisions of the Cabinet Office Ordinance for Partial Amendment of the Regulations for Terminology, Forms and Preparation Methods of Consolidated Financial Statements (the Cabinet Office Ordinance No.11 of 2002).

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in Japan. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Consolidated Financial Statements* section of our report. We are independent of the Group in accordance with the ethical requirements that are relevant to our audit of the consolidated financial statements in Japan, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Reasonableness of the Company's estimates of a specific allowance for those doubtful receivables with the possibility of default among Retail Finance Receivables

The key audit matter

As described in Note 3 "Trade Notes and Accounts Receivable" to the consolidated financial statements, trade notes and accounts receivable, and long-term trade receivables recognized in the consolidated balance sheet of Komatsu Ltd. and subsidiaries (hereinafter, collectively referred to as the "Company") as of March 31, 2022 included installment and lease receivables in the retail finance business (hereinafter, "Retail Finance Receivables") of ¥885,164 million, for which an allowance for doubtful receivables of ¥16,148 million has been recorded.

As described in Note 1 "Description of Business, Basis of Financial Statement Presentation and Summary of Significant Accounting Policies" to the consolidated financial statements, the Company calculates a general allowance for doubtful receivables based on historical loss rates. On the other hand, for those doubtful receivables with the possibility of default, including those in cases where a customer's ability to meet its financial obligations has become doubtful due to a bankruptcy filing or deterioration in its business performance, the Company estimates credit losses based on the credit status of individual customers and an analysis on the overdue status of receivables, and then recognizes a specific allowance for doubtful receivables at an amount of the estimated credit losses reduced by an expected amount recoverable from the collateral.

The key elements of the valuation model used to estimate a specific allowance for doubtful receivables are set out below. Each of these elements involved a high degree of uncertainty and required a high degree of management judgement.

- selection of doubtful receivables subject to a specific
- calculation of estimated credit losses based on the assessment of customers' ability to meet their financial obligations; and
- calculation of an expected amount recoverable from the collateral

In addition, the collection period of Retail Finance Receivables spans a long time, and customers' ability to meet their financial obligations may be affected by the novel coronavirus disease (COVID-19), the changes in economic environment as a result of fluctuations in demand and prices for commodity and

How the matter was addressed in our audit

In order to assess the reasonableness of the Company's estimates of a specific allowance for those doubtful receivables with the possibility of default among Retail Finance Receivables, we requested the component auditors of consolidated subsidiaries to perform the procedures set out below. We then evaluated the reports from the component auditors to conclude on whether sufficient and appropriate audit evidence was obtained from these procedures.

(1) Internal control testing

Testing the design and operating effectiveness of certain of the Company's internal controls relevant to the estimates of a specific allowance for doubtful receivables.

- (2) Assessment of the reasonableness of the estimates of a specific allowance for doubtful receivables
- 1)Involved credit specialists who assisted in our assessment of the appropriateness of the valuation model used to estimate a specific allowance for doubtful receivables.
- 2)Obtained an understanding of management's judgement process by inquiring of management about the following:
 - selection of doubtful receivables subject to a specific allowance;
 - calculation of estimated credit losses that reflected
 the assessment of customers' ability to meet their
 financial obligations based on the credit status of
 individual customers and an analysis on the
 overdue status of receivables, taking into
 considerations of the impact of COVID-19, the
 changes in economic environment as a result of
 fluctuations in demand and prices for commodity
 and regulations imposed by each country, as well
 as the disruption in financial market and world
 economy caused by the situation in Ukraine; and
 - calculation of an expected amount recoverable from the collateral.
- 3)Assessed the reasonableness of the management's aforementioned judgement that took into account: customers' payment history, the status of collateral setting, market environments related to the customers' business, overdue status, the reasonableness of the estimates of a specific allowance in the past, and additional information obtained subsequent to the year end related to the customers' ability to meet their financial obligations.

regulations imposed by each country, as well as the disruption in financial market and world economy caused by the situation in Ukraine.

We, therefore, determined that our assessment of the reasonableness of the Company's estimates of a specific allowance for those doubtful receivables with the possibility of default among Retail Finance Receivables was of most significance in our audit of the consolidated financial statements for the current fiscal year, and accordingly, a key audit matter.

Other Information

The other information comprises the information included in the Annual Securities Report, but does not include the consolidated financial statements, the financial statements, and our auditor's reports thereon. Management is responsible for the preparation and presentation of the other information. Audit & Supervisory Board Members and the Audit & Supervisory Board are responsible for overseeing the directors' performance of their duties with regard to the design, implementation and maintenance of the reporting process for the other information. Our opinion on the consolidated financial statements does not cover the other information and we do not express

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact.

We have nothing to report in this regard.

any form of assurance conclusion thereon.

Responsibilities of Management, Audit & Supervisory Board Members and the Audit & Supervisory Board for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with accounting principles generally accepted in the United States of America, and for such internal control as management determines is necessary to enable the preparation of the consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing whether it is appropriate to prepare the consolidated financial statements with the assumption of a going concern, and in accordance with accounting principles generally accepted in the United States of America, for disclosing, as necessary, matters related to going concern.

Audit & Supervisory Board Members and the Audit & Supervisory Board are responsible for overseeing the Directors' performance of their duties with regard to the design, implementation and maintenance of the Group's financial reporting process.

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements

Our responsibilities are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that expresses our opinion on the consolidated financial statements based on our audit from an independent point of view. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the decisions of users of these consolidated financial statements. In accordance with auditing standards generally accepted in Japan, we exercise professional judgment and maintain professional skepticism throughout the audit process to perform the following:

- Identify and assess the risks of material misstatement, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Selecting audit procedures to be applied is at the discretion of the auditor. Obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion.
- When auditing the consolidated financial statements, obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances in making risk assessments, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used by management and their method of application, as well as the reasonableness of accounting estimates made by management and related notes thereto.

- Conclude on the appropriateness of preparing the consolidated financial statements with the assumption of a going concern by management, and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the notes to the consolidated financial statements or, if the notes to the consolidated financial statements on material uncertainty are inadequate, to express a modified opinion on the consolidated financial statements. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate whether the presentation of the consolidated financial statements and notes to the consolidated financial statements are in accordance with accounting principles generally accepted in the United States of America, as well as evaluate the presentation, structure, and content of the consolidated financial statements, including the related notes thereto, and whether the consolidated financial statements fairly present the underlying transactions and accounting events.
- Obtain sufficient appropriate audit evidence regarding the financial information of the Company and its consolidated subsidiaries to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the audit of the consolidated financial statements. We remain solely responsible for our opinion.

We report to the Audit & Supervisory Board Members and the Audit & Supervisory Board regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit process, and other matters required by auditing standards.

We also provide the Audit & Supervisory Board Members and the Audit & Supervisory Board with a statement that we have complied with relevant ethical requirements in Japan regarding independence, and to communicate with them all relationships and other matters that may reasonably be deemed to bear on our independence, and where applicable, related safeguards in order to eliminate or reduce obstruction factors.

From the matters communicated with the Audit & Supervisory Board Members and the Audit & Supervisory Board, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

Report on the Audit of the Internal Control Report

Opinion

We also have audited the accompanying internal control report of the Company as at March 31, 2022, in accordance with Article 193-2, Paragraph 2 of the Financial Instruments and Exchange Act of Japan.

In our opinion, the accompanying internal control report, which states that the internal control over financial reporting was effective as at March 31, 2022, presents fairly, in all material respects, the results of the assessments of internal control over financial reporting in accordance with assessment standards for internal control over financial reporting generally accepted in Japan.

Basis for Opinion

We conducted our audit of the internal control report in accordance with auditing standards for internal control over financial reporting generally accepted in Japan. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Internal Control Report* section of our report. We are independent of the Group in accordance with the ethical requirements that are relevant to our audit of the internal control report in Japan, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management, Audit & Supervisory Board Members and the Audit & Supervisory Board for the Internal Control Report

Management is responsible for the design and operation of internal control over financial reporting and the preparation and fair presentation of the internal control report in accordance with assessment standards for internal control over financial reporting generally accepted in Japan.

Audit & Supervisory Board Members and the Audit & Supervisory Board are responsible for overseeing and examining the design and operation of internal control over financial reporting.

Internal control over financial reporting may not completely prevent or detect financial statement misstatements.

Auditor's Responsibilities for the Audit of the Internal Control Report

Our responsibilities are to obtain reasonable assurance about whether the internal control report is free from material misstatement based on our audit of the internal control report and to issue an auditor's report that expresses our opinion on the internal control report based on our audit from an independent point of view.

In accordance with internal control auditing standards generally accepted in Japan, we exercise professional judgment and maintain professional skepticism throughout the audit process to perform the following:

- Perform procedures to obtain audit evidence about the results of the assessments of internal control over financial reporting in the internal control report. The procedures for the audit of the internal control report are selected and performed, depending on the auditor's judgment, based on significance of effect on the reliability of financial reporting.
- Evaluate the overall presentation of the internal control report, including the appropriateness of the scope, procedures and results of the assessments that management presents.
- Obtain sufficient appropriate audit evidence about the results of the assessments of internal control over financial reporting in the internal control report. We are responsible for the direction, supervision and performance of the audit of the internal control report. We remain solely responsible for our audit opinion.

We report to the Audit & Supervisory Board Members and the Audit & Supervisory Board regarding, among other matters, the planned scope and timing of our audit of the internal control report, the results thereof, material weaknesses in internal control identified during our audit of internal control report, and those that were remediated, and other matters required by internal control auditing standards.

We also provide the Audit & Supervisory Board Members and the Audit & Supervisory Board with a statement that we have complied with relevant ethical requirements in Japan regarding independence, and to communicate with them all relationships and other matters that may reasonably be deemed to bear on our independence, and where applicable, related safeguards in order to eliminate or reduce obstruction factors.

Interest required to be disclosed by the Certified Public Accountants Act of Japan

Our firm and its designated engagement partners do not have any interest in the Company and its subsidiaries which are required to be disclosed pursuant to the provisions of the Certified Public Accountants Act of Japan.

Notes to the Reader of Independent Auditor's Report:

The Independent Auditor's Report herein is the English translation of the Independent Auditor's Report as required by the Financial Instruments and Exchange Act of Japan.

[English Translation of the Independent Auditor's Report Originally Issued in the Japanese Language]

Independent Auditor's Report on the Financial Statements

June 20, 2022

To The Board of Directors of Komatsu Ltd.

KPMG AZSA LLC Tokyo Office

Masafumi Tanabu
Designated Limited Liability Partner
Engagement Partner
Certified Public Accountant

Tomoo Nishigori Designated Limited Liability Partner Engagement Partner Certified Public Accountant

Daisuke Toyama
Designated Limited Liability Partner
Engagement Partner
Certified Public Accountant

Opinion

We have audited the non-consolidated financial statements of Komatsu Ltd. provided in the "Financial Information" section in the Komatsu's Annual Securities Report ("Yukashoken Hokokusho"), which comprise the non-consolidated balance sheet, the non-consolidated statement of income, the non-consolidated statement of changes in net assets, significant accounting policies, the related notes, and the supplementary schedules of Komatsu Ltd. as at March 31, 2022 and for the 153rd fiscal year from April 1, 2021 to March 31, 2022, in accordance with Article 193-2, Paragraph 1 of the Financial Instruments and Exchange Act of Japan.

In our opinion, the non-consolidated financial statements referred to above present fairly, in all material respects, the financial position of Komatsu Ltd. as at March 31, 2022, and its financial performance for the fiscal year then ended in accordance with accounting principles generally accepted in Japan.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in Japan. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Non-Consolidated Financial Statements section of our report. We are independent of the Company in accordance with the ethical requirements that are relevant to our audit of the non-consolidated financial statements in Japan, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the non-consolidated financial statements of the current period. These matters were addressed in the context of our audit of the non-consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Appropriateness of the Judgment Regarding the Likelihood of Recovery of Deferred Tax Assets

The key audit matter

How the matter was addressed in our audit

The amount recorded on the Non-Consolidated Balance Sheet of Komatsu Ltd. for Deferred tax assets is \\$25,199 million. As described in the Notes to Non-Consolidated Financial Statements "Tax Effect Accounting", the amount of deferred tax assets before offsetting against deferred tax liabilities was \\$31,753 million, which was the total deferred tax assets of \\$37,658 million less the valuation allowance of \\$5,904 million.

As described in the Notes to Non-consolidated Financial Statements "Notes to Accounting Estimates", Komatsu Ltd. recognizes deferred tax assets to the extent of deductible temporary differences that are allowed to reduce the tax amount payable into the future.

The future taxable income used in determining the likelihood of recovery of deferred tax assets is estimated based on the business plan created by management. Because the forecast of future net sales and profit on which this business plan is based includes key assumptions involving a high degree of judgment by management, including the effects of trends of materials prices and logistics costs following on from the impact from COVID-19, the disruptions to the supply chain, financial system and economy caused by the Ukraine situation currently unfolding, the changes in environmental laws and regulations and climate change, the estimates of future taxable income have a high level of uncertainty.

We, therefore, determined that our assessment of the appropriateness of the likelihood of recovery of deferred tax assets was of most significance in our audit of the Non-consolidated financial statements for the current fiscal year, and accordingly, a key audit matter.

We mainly applied the following audit procedures in order to assess the appropriateness of the judgment regarding the likelihood of recovery of deferred tax assets.

- (1) Assessment of internal controls

 Testing the design and operating effectiveness of
 certain of the Company's internal controls relevant
 to the likelihood of recovery of deferred tax assets,
 including those related to formulating the business
 plan
- (2) Assessment of the reasonableness of future taxable income estimates
- 1)Questions to management regarding the basis for future taxable income estimates
- 2)With respect to the future taxable income used in determining the likelihood of recovery of deferred tax assets, confirmation of consistency with the business plan approved by the Board of Directors
- 3)With respect to the forecast of future net sales and profit on which the business plan is based, assessment of the reasonableness of management's key assumptions, including the effects of trends of materials prices and logistics costs following on from the impact from COVID-19, the disruptions to the supply chain, financial system and economy caused by the Ukraine situation currently unfolding, the changes in environmental laws and regulations and climate change, in consideration of the following:
 - Discussions with management especially on the basis, the area that is influenced and the uncertainties relating to key assumptions.
 - Analysis of level of achievement for the previous plan and differences with the plan.
 - Confirmation of consistency with future market trend forecasts created by outside research institutions.
- 4)In accordance with the calculated taxable income for the current fiscal year, assessment of the appropriateness of scheduling for when the deductible temporary differences are expected to be settled and the appropriateness of taxable income adjustments included in the calculation of future taxable income

Other Information

The other information comprises the information included in the Annual Securities Report, but does not include the consolidated financial statements, the financial statements and our auditor's report thereon. Management is responsible for the preparation and presentation of the other information. Audit & Supervisory Board Members and the Audit & Supervisory Board are responsible for overseeing the directors' performance of their duties with regard

to the design, implementation and maintenance of the reporting process for the other information.

Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact.

We have nothing to report in this regard.

Responsibilities of Management, Audit & Supervisory Board Members and the Audit & Supervisory Board for the Non-Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the non-consolidated financial statements in accordance with accounting principles generally accepted in Japan, and for such internal control as management determines is necessary to enable the preparation of the non-consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the non-consolidated financial statements, management is responsible for assessing whether it is appropriate to prepare the non-consolidated financial statements with the assumption of a going concern, and in accordance with accounting principles generally accepted in Japan, for disclosing, as necessary, matters related to going concern.

Audit & Supervisory Board Members and the Audit & Supervisory Board are responsible for overseeing the Directors' performance of their duties including the design, implementation and maintenance of the Company's financial reporting process.

Auditor's Responsibilities for the Audit of the Non-Consolidated Financial Statements

Our responsibilities are to obtain reasonable assurance about whether the non-consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that expresses our opinion on the non-consolidated financial statements based on our audit from an independent point of view. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the decisions of users of these non-consolidated financial statements. In accordance with auditing standards generally accepted in Japan, we exercise professional judgment and maintain professional skepticism throughout the audit process to perform the following:

- Identify and assess the risks of material misstatement, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Selecting audit procedures to be applied is at the discretion of the auditor. Obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion.
- When auditing the non-consolidated financial statements, obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances in making risk assessments, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control.
- Evaluate the appropriateness of accounting policies used by management and their method of application, as well as the reasonableness of accounting estimates made by management and related notes thereto.
- Conclude on the appropriateness of preparing the non-consolidated financial statements with the assumption of a going concern by management, and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the non-consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.
- Evaluate whether the presentation of the non-consolidated financial statements and notes to the non-consolidated financial statements are in accordance with accounting principles generally accepted in Japan, as well as evaluate the presentation, structure, and content of the non-consolidated financial statements, including the related notes thereto, and whether the non-consolidated financial statements fairly present the underlying transactions and accounting events.

We report to the Audit & Supervisory Board Members and the Audit & Supervisory Board regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit process, and other matters required by auditing standards

We also provide the Audit & Supervisory Board Members and the Audit & Supervisory Board with a statement that we have complied with relevant ethical requirements in Japan regarding independence, and to communicate with them all relationships and other matters that may reasonably be deemed to bear on our independence, and where applicable, related safeguards in order to eliminate or reduce obstruction factors.

From the matters communicated with the Audit & Supervisory Board Members and the Audit & Supervisory Board, we determine those matters that were of most significance in the audit of the non-consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

Interest required to be disclosed by the Certified Public Accountants Act of Japan

We do not have any interest in the Company which is required to be disclosed pursuant to the provisions of the Certified Public Accountants Act of Japan.

Notes to the Reader of Independent Auditor's Report:

The Independent Auditor's Report herein is the English translation of the Independent Auditor's Report as required by the Financial Instruments and Exchange Act of Japan.

Cover

[Document title] Internal Control Report

[Clause of stipulation] Article 24-4-4, Paragraph 1 of the Financial Instruments and

Exchange Act of Japan

[Place of filing] Director-General of the Kanto Local Finance Bureau

[Filing date] June 20, 2022

[Company name] Kabushiki Kaisha Komatsu Seisakusho

[Company name in English] KOMATSU LTD.

[Title and name of representative] Hiroyuki Ogawa, President and Representative Director
 [Title and name of chief financial officer] Takeshi Horikoshi, Director and Senior Executive Officer

[Address of registered head office] 2-3-6, Akasaka, Minato-ku, Tokyo, Japan

[Place for public inspection] Tokyo Stock Exchange, Inc.

(2-1, Nihombashi Kabutocho, Chuo-ku, Tokyo, Japan)

1. Matters relating to the basic framework for internal control over financial reporting

Mr. Hiroyuki Ogawa, President and Representative Director, and Mr. Takeshi Horikoshi, Director and Senior Executive Officer, are responsible for establishing and maintaining internal control over financial reporting of Komatsu Group (Komatsu Ltd., its subsidiaries and equity-method affiliates) and have established and maintained internal control over financial reporting in accordance with the basic framework for internal control set forth in the "On the Revision of the Standards and Practice Standards for Management Assessment and Audit concerning Internal Control Over Financial Reporting (Council Opinions)" published by the Business Accounting Council.

The internal control over financial reporting is designed to achieve its objectives to the extent reasonable through the effective function and combination of its basic elements. Therefore, there is a possibility that internal control over financial reporting may not completely prevent or detect misstatements.

2. Matters relating to the scope of assessment, the base date of assessment and the assessment procedures

Komatsu Ltd. (the "Company") assessed the effectiveness of our internal control over financial reporting on the base date as of March 31, 2022 and made this assessment in accordance with assessment standards for internal control over financial reporting generally accepted in Japan.

In making this assessment, the Company evaluated internal control which may have a material effect on the entire financial reporting on a consolidated basis ("company-level controls") and based on the result of this assessment, the Company appropriately selected business processes to be evaluated. In making these business processes assessment, the Company analyzed these selected business processes, identified key controls that may have a material impact on the reliability of internal control over financial reporting and assessed the design and operation of these key controls.

The Company determined the required assessment scope of internal controls over financial reporting for Komatsu Group from the perspective of the materiality that may affect the reliability of its financial reporting. The materiality that may affect the reliability of its financial reporting is determined taking into account the materiality of quantitative and qualitative impacts. The Company reasonably determined the assessment scope of internal controls over business processes after considering the assessment results of company-level controls conducted for Komatsu Group. The Company did not include those consolidated subsidiaries and equity-method affiliates which do not have any quantitatively or qualitatively material impact on the consolidated financial statements in the assessment scope of company-level controls.

Regarding the assessment scope of internal control over business processes, the Company accumulated business units in descending order of net sales (after eliminating inter-company transactions) for the previous fiscal year, and those business units whose combined amount of net sales reaches approximately two-thirds of net sales on a consolidated basis were selected as significant business units.

At the selected significant business units, the Company included, in the assessment scope, those business processes leading to net sales, accounts receivables and inventories as accounts closely relating to business objectives of the Company.

Further, not only at selected significant business units, but also at other business units, the Company added to the assessment scope, those business processes having greater materiality considering their impact on the financial reporting, those business processes relating to greater likelihood of material misstatements in significant accounts involving estimates or forecasts as these significant accounts that may have a material impact on its business objectives; or those business processes relating to businesses or operations dealing with high-risk transactions.

3. Matters relating to the results of the assessment

As a result of the assessment above, the Company concluded that internal control over financial reporting of Komatsu Group was effective as of March 31, 2022.

4. Additional notes

Not applicable.

5. Special notes

Not applicable.

Cover

[Document title] Confirmation Letter

[Clause of stipulation] Article 24-4-2, Paragraph 1 of the Financial Instruments and

Exchange Act of Japan

[Place of filing] Director-General of the Kanto Local Finance Bureau

[Filing date] June 20, 2022

[Company name] Kabushiki Kaisha Komatsu Seisakusho

[Company name in English] KOMATSU LTD.

[Title and name of representative] Hiroyuki Ogawa, President and Representative Director
 [Title and name of chief financial officer] Takeshi Horikoshi, Director and Senior Executive Officer

[Address of registered head office] 2-3-6, Akasaka, Minato-ku, Tokyo, Japan

[Place for public inspection] Tokyo Stock Exchange, Inc.

(2-1, Nihombashi Kabutocho, Chuo-ku, Tokyo, Japan)

1. Matters Related to Adequacy of Statements Contained in the Annual Securities Report

Komatsu's President and Representative Director Hiroyuki Ogawa, and Chief Financial Officer, Director and Senior Executive Officer Takeshi Horikoshi, have confirmed that the content of the Annual Securities Report of Komatsu Ltd. for the 153rd fiscal year (from April 1, 2021 to March 31, 2022) was described properly based on the laws and regulations concerning the Financial Instruments and Exchanges Act and Related Regulations.

2. Special Notes

Not applicable.