(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.

Quarterly Report

From October 1, 2022 to December 31, 2022

(Third Quarter of the 154th Fiscal Year)

KOMATSU LTD.

Quarterly Report

Certain References and Information:

- 1. This is an English translation of the Quarterly Securities Report ("Shihanki 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. Komatsu Ltd. filed its Quarterly Securities Report for the three months ended December 31, 2022 with the Director-General of the Kanto Local Finance Bureau on February 13, 2023. The Quarterly Securities Report contains, among other information, Quarterly Consolidated Financial Statements for the three months and nine months ended December 31, 2022. Material information in the Quarterly Securities Report, other than the Quarterly Consolidated Financial Statements, has already been reported by Komatsu Ltd. in its press release dated January 31, 2023. Attached is an English translation of Quarterly Consolidated Financial Statements for the three months and nine months ended December 31, 2022.
- 2. 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.

Financial Information

1. Basis of preparation of the quarterly consolidated financial statements

The quarterly consolidated financial statements of the Company are prepared in accordance with the accounting principles generally accepted in the United States of America, pursuant to Article 4, Supplementary Provisions of the "Ordinance on Terminology, Forms and Preparation Methods of Quarterly Consolidated Financial Statements," the Ordinance of the Cabinet Office No. 64 of 2007.

2. Audit certification

Pursuant to Article 193-2, paragraph 1 of the Financial Instruments and Exchange Act of Japan, the quarterly consolidated financial statements for the three months ended December 31, 2022 and for the nine months ended December 31, 2022 were reviewed by KPMG AZSA LLC.

Quarterly Consolidated Financial Statements

Consolidated Balance Sheets (Unaudited)

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

	D	ecember 31,	2022	March 31, 2022			
Assets	Million	ns of yen	Ratio (%)	Millio	ons of yen	Ratio (%)	
Current assets							
Cash and cash equivalents (Note 16)	¥	334,135		¥	315,360		
Time deposits (Note 16)		2,014			1,310		
Trade notes and accounts receivable, net (Notes 4 and 10)		969,749			954,580		
Inventories (Note 5)		1,244,033			988,011		
Other current assets (Notes 15, 16 and 17)		198,288			162,020		
Total current assets		2,748,219	57.5		2,421,281	55.7	
Long-term trade receivables, net (Notes 4, 10 and 16)		584,754	12.2		501,868	11.5	
Investments							
Investments in and advances to affiliated companies		48,841			45,913		
Investment securities (Note 6)		10,284			8,377		
Other		3,357			3,493		
Total investments		62,482	1.3		57,783	1.3	
Property, plant and equipment - less accumulated depreciation and amortization of ¥1,011,063 million at December 31, 2022 and ¥997,069 million at March 31, 2022		830,822	17.4		819,749	18.9	
Operating lease right-of-use assets		59,029	1.2		61,516	1.4	
Goodwill (Note 3)		206,578	4.3		187,615	4.3	
Other intangible assets		,					
- less accumulated amortization (Notes 3 and 7)		165,684	3.5		169,003	3.9	
Deferred income taxes and other assets (Notes 15, 16 and 17)		126,081	2.6		128,707	3.0	
Total assets	¥	4,783,649	100.0	¥	4,347,522	100.0	
101111111111111111111111111111111111111		1,703,017			1,3 17,322	100.0	
	D	ecember 31.	2022		March 31, 2	022	
Liabilities and Equity		is of yen	Ratio (%)	Millia	ons of yen	Ratio (%)	
Current liabilities		15 01 yen		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ons or yen		
Short-term debt (Note 16)	¥	435,187		¥	241,746		
Current maturities of long-term debt (Note 16)	•	180,243			276,623		
Trade notes, bills and accounts payable		338,080			338,974		
Income taxes payable		55,158			68,337		
Current operating lease liabilities		16,884			16,981		
Other current liabilities (Notes 10, 15, 16 and 17)		417,945			381,360		
Total current liabilities		1,443,497	30.2		1,324,021	30.5	
Long-term liabilities		, , , , , ,			,- ,-		
Long-term debt (Note 16)		547,891			429,011		
Liability for pension and retirement benefits		95,314			93,407		
Long-term operating lease liabilities		42,887			43,458		
Deferred income taxes and other liabilities (Notes 10, 15, 16 and 17)		115,771			101,348		
Total long-term liabilities		801,863	16.7		667,224	15.3	
Total liabilities		2,245,360	46.9		1,991,245	45.8	
Commitments and contingent liabilities (Note 14)	-	2,2 13,300	10.5		1,771,213	15.0	
Equity							
Komatsu Ltd. shareholders' equity							
Common stock:							
Authorized 3,955,000,000 shares							
Issued 973,450,930 shares							
Outstanding 945,584,077 shares at December 31, 2022 and 945,312,564 shares at March 31, 2022		69,660			69,393		
Capital surplus		135,906			139,572		
Retained earnings:		155,700			107,012		
Appropriated for legal reserve		48,424			47,903		
Unappropriated		2,020,386			1,902,501		
Accumulated other comprehensive income (loss) (Notes 9 and 15)		182,443			122,414		
Treasury stock at cost,		- 52,115			, 11 1		
27,866,853 shares at December 31, 2022 and 27,833,236 shares at March 31, 2022		(49,167)			(49,272)		
Total Komatsu Ltd. shareholders' equity		2,407,652	50.3		2,232,511	51.4	
Noncontrolling interests		130,637	2.8		123,766	2.8	
Total equity		2,538,289	53.1		2,356,277	54.2	
Total liabilities and equity	¥	4,783,649	100.0	¥	4,347,522	100.0	
rom monutes and equity		т, / 0.5,049	100.0	Ŧ	7,341,344	100.0	

Consolidated Statements of Income and Consolidated Statements of Comprehensive Income (Unaudited)

Komatsu Ltd. and Consolidated Subsidiaries

Nine months ended December 31, 2022 and 2021

Consolidated Statements of Income

	Nine months endo December 31, 202				Vine months e December 31,	
	Mill	lions of yen	Ratio(%)	Milli	ons of yen	Ratio(%)
Net sales (Notes 10, 12 and 15)	¥ 2	2,539,232	100.0	¥ 2	,014,677	100.0
Cost of sales (Notes 7, 8 and 15)	1	,791,611	70.6	1	,455,007	72.2
Selling, general and administrative expenses (Notes 3, 7, 8 and 11)		401,453	15.8		339,116	16.8
Other operating income, net (Note 9)		431	0.0		3,209	0.2
Operating income		346,599	13.6		223,763	11.1
Other income (expenses), net						
Interest and dividend income		8,243	0.3		3,416	0.2
Interest expense		(21,882)	(0.9)		(9,113)	(0.5)
Other, net (Notes 6, 8, 9 and 15)		6,847	0.3		6,249	0.3
Total		(6,792)	(0.3)		552	0.0
Income before income taxes and equity in			Ì			
earnings of affiliated companies		339,807	13.4		224,315	11.1
Income taxes (Note 9)						
Current		94,486			67,239	
Deferred		2,740			(5,450)	
Total		97,226	3.8		61,789	3.1
Income before equity in earnings of affiliated companies		242,581	9.6		162,526	8.1
Equity in earnings of affiliated companies		3,110	0.1		2,406	0.1
Net income		245,691	9.7		164,932	8.2
Less: Net income attributable to noncontrolling interests		13,780	0.5		9,430	0.5
Net income attributable to Komatsu Ltd.	¥	231,911	9.1	¥	155,502	7.7
			Ye	en		
Per share data (Note 13):						
Net income attributable to Komatsu Ltd.:						
Basic	¥	245.30		¥	164.53	
Diluted	¥	245.26		¥	164.49	

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

Consolidated Statements of Comprehensive Income

	Millions of yen				
		months ended nber 31, 2022	Nine months ended December 31, 2021		
Net income	¥	245,691	¥	164,932	
Other comprehensive income (loss), for the period, net of tax					
Foreign currency translation adjustments (Note 9)		54,880		54,861	
Pension liability adjustments (Notes 8 and 9)		436		2,241	
Net unrealized holding gains (losses) on derivative instruments (Notes 9 and 15)		4,747		1,117	
Total		60,063		58,219	
Comprehensive income		305,754		223,151	
Less: Comprehensive income attributable to noncontrolling interests		15,290		12,038	
Comprehensive income attributable to Komatsu Ltd.	¥	290,464	¥	211,113	

Consolidated Statements of Income and Consolidated Statements of Comprehensive Income (Unaudited)

Komatsu Ltd. and Consolidated Subsidiaries

Three months ended December 31, 2022 and 2021

Consolidated Statements of Income

	Three months December 31,		Three months December 31,	
	Millions of yen	Ratio(%)	Millions of yen	Ratio(%)
Net sales (Notes 10, 12 and 15)	¥ 920,497	100.0	¥ 723,277	100.0
Cost of sales (Notes 7, 8 and 15)	644,161	70.0	522,446	72.2
Selling, general and administrative expenses (Notes 3, 7, 8 and 11)	142,919	15.5	115,097	15.9
Other operating income, net (Note 9)	1,548	0.2	1,745	0.2
Operating income	134,965	14.7	87,479	12.1
Other income (expenses), net				
Interest and dividend income	3,231	0.4	1,281	0.2
Interest expense	(10,990)	(1.2)	(3,364)	(0.5)
Other, net (Notes 6, 8, 9 and 15)	(15,158)	(1.6)	2,410	0.3
Total	(22,917)	(2.5)	327	0.0
Income before income taxes and equity in	` ,	` ′		
earnings of affiliated companies	112,048	12.2	87,806	12.1
Income taxes (Note 9)				
Current	30,680		22,001	
Deferred	7,679		1,091	
Total	38,359	4.2	23,092	3.2
Income before equity in earnings of affiliated companies	73,689	8.0	64,714	8.9
Equity in earnings of affiliated companies	1,038	0.1	921	0.1
Net income	74,727	8.1	65,635	9.1
Less: Net income attributable to noncontrolling interests	5,384	0.6	3,274	0.5
Net income attributable to Komatsu Ltd.	¥ 69,343	7.5	¥ 62,361	8.6
		Ye	en	
Per share data (Note 13):				
Net income attributable to Komatsu Ltd.:				
Basic	¥ 73.33		¥ 65.97	
Diluted	¥ 73.32		¥ 65.96	

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

Consolidated Statements of Comprehensive Income

	Millions of yen					
		months ended mber 31, 2022	Three months end December 31, 20			
Net income	¥	74,727	¥	65,635		
Other comprehensive income (loss), for the period, net of tax						
Foreign currency translation adjustments (Note 9)		(193,103)		44,203		
Pension liability adjustments (Notes 8 and 9)		157		454		
Net unrealized holding gains (losses) on derivative instruments (Notes 9 and 15)		4,785		175		
Total		(188,161)		44,832		
Comprehensive income (loss)		(113,434)		110,467		
Less: Comprehensive income (loss) attributable to noncontrolling interests		(4,489)		6,579		
Comprehensive income (loss) attributable to Komatsu Ltd.	¥	(108,945)	¥	103,888		

Consolidated Statements of Equity (Unaudited)

Komatsu Ltd. and Consolidated Subsidiaries

Nine months ended December 31, 2022

									Mi	illions of yen								
	Retained earnings						nings				,		,					
		ommon stock		Capital surplus		propriated for legal reserve	ap	Un- ppropriated	con	other oprehensive come (loss)	Т	reasury stock		Total matsu Ltd. archolders' equity		Non- ontrolling nterests		Total equity
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
Cash dividends (Note 19)								(113,505)						(113,505)		(7,458)		(120,963)
Transfer to retained earnings appropriated						521		(521)										
for legal reserve						321		(521)						_				_
Other changes				(3,901)						1,476		(77)		(2,502)		(1,064)		(3,566)
Net income								231,911						231,911		13,780		245,691
Other comprehensive income (loss),										58,553				58,553		1,510		60,063
for the period, net of tax (Note 9)										36,333				36,333		1,510		00,003
Exercise of stock acquisition				(90)										(90)				(90)
rights (Note 11)				(90)										(90)				(90)
Purchase of treasury stock												(30)		(30)				(30)
Sales of treasury stock				60								212		272		103		375
Restricted stock compensation (Note 11)		267		265										532				532
Balance at December 31, 2022	¥	69,660	¥	135,906	¥	48,424	¥	2,020,386	¥	182,443	¥	(49,167)	¥	2,407,652	¥	130,637	¥	2,538,289

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

Nine months ended December 31, 2021

									Mil	llions of yen								
						Retained	ear	nings								,		
		ommon stock		Capital surplus	fe	ropriated or legal reserve	ap	Un- propriated	com	other prehensive ome (loss)	Т	reasury stock		Total matsu Ltd. ureholders' equity	coı	Non- ntrolling 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 (Note 19)				,				(72,815)		,				(72,815)		(5,983)		(78,798)
Transfer to retained earnings appropriated						342		(342)										
for legal reserve						342		(342)						_				_
Other changes				13,123						13				13,136		16,929		30,065
Net income								155,502						155,502		9,430		164,932
Other comprehensive income (loss), for the period, net of tax (Note 9)										55,611				55,611		2,608		58,219
Exercise of stock acquisition				(251)										(251)				(251)
rights (Note 11)				(251)										(251)				(251)
Purchase of treasury stock												(663)		(663)				(663)
Sales of treasury stock				39								212		251				251
Restricted stock compensation (Note 11)		356		352										708				708
Balance at December 31, 2021	¥	69,393	¥	149,098	¥	47,720	¥	1,833,259	¥	13,612	¥	(49,306)	¥	2,063,776	¥	122,712	¥	2,186,488

Consolidated Statements of Cash Flows (Unaudited)

Komatsu Ltd. and Consolidated Subsidiaries

Nine months ended December 31, 2022 and 2021

	Millions of yen				
		onths ended ber 31, 2022		onths ended ber 31, 2021	
Operating activities					
Net income	¥	245,691	¥	164,932	
Adjustments to reconcile net income to net cash provided by (used in) operating					
activities:					
Depreciation and amortization		111,578		99,054	
Deferred income taxes		2,740		(5,450)	
Impairment loss and net loss (gain) on valuation of investment securities		(100)		(245)	
Net loss (gain) on sale of fixed assets		(433)		(2,942)	
Loss on disposal of fixed assets		1,538		1,944	
Pension and retirement benefits, net		(360)		(4,778)	
Changes in assets and liabilities:					
Decrease (increase) in trade receivables		(24,670)		(28,094)	
Decrease (increase) in inventories		(243,783)		(84,392)	
Increase (decrease) in trade payables		(5,967)		22,990	
Increase (decrease) in income taxes payable		(13,045)		15,653	
Other, net		9,883		6,194	
Net cash provided by (used in) operating activities		83,072		184,866	
Investing activities					
Capital expenditures		(134,912)		(123,821)	
Proceeds from sale of fixed assets		13,885		21,754	
Proceeds from sale of investment securities		287		242	
Purchases of investment securities		(1,875)		(613)	
Proceeds from sale of subsidiaries and businesses, net of cash disposed *1		12,295		55	
Acquisition of subsidiaries and equity investees, net of cash acquired		(18,000)		_	
Other, net *1		(2,587)		(1,722)	
Net cash provided by (used in) investing activities		(130,907)		(104,105)	
Financing activities					
Proceeds from debt issued (Original maturities greater than three months)		566,284		338,977	
Payment on debt (Original maturities greater than three months)		(471,726)		(370,555)	
Short-term debt, net (Original maturities three months or less)		90,332		22,669	
Dividends paid		(113,505)		(72,815)	
Proceeds from issuance of subsidiary's shares		2,012		30,440	
Other, net		(12,311)		(5,301)	
Net cash provided by (used in) financing activities		61,086		(56,585)	
Effect of exchange rate change on cash and cash equivalents		5,524		5,056	
Net increase (decrease) in cash and cash equivalents		18,775		29,232	
Cash and cash equivalents, beginning of year		315,360		241,803	
Cash and cash equivalents, beginning of year Cash and cash equivalents, end of period	¥	334,135	¥	271,035	
Cash and Cash Equivalents, thu of period	-	334,133	Ŧ	2/1,033	

^{*1} In the nine months ended December 31, 2022, Komatsu (the Company and its consolidated subsidiaries) has presented separately "Proceeds from sale of subsidiaries and businesses, net of cash disposed" which was included in "Other, net" under the investing activities. Accordingly, the figure for the nine months ended December 31, 2021 was reclassified to conform to the presentation for the nine months ended December 31, 2022.

Komatsu Ltd. and Consolidated Subsidiaries Notes to Quarterly Consolidated Financial Statements (Unaudited)

1. Basis of Quarterly Consolidated Financial Statement Presentation and Summary of Significant Accounting Policies

Basis of Quarterly Consolidated Financial Statement Presentation

The Company prepares and presents the accompanying quarterly consolidated financial statements in accordance with generally accepted accounting principles in the United States of America (hereinafter "U.S. GAAP").

The accompanying quarterly 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 booked on each subsidiary's and affiliate's quarterly financial statements are added to the accompanying quarterly consolidated financial statements. These adjustments are mainly due to the gaps of accounting principle between Japan and the United States of America. See Note 22 "Terminology, Forms and Preparation Methods of Quarterly 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

There is no material change for summary of significant accounting policies stated in annual report for the fiscal year ended March 31, 2022.

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.

2. Supplemental Cash Flow Information

Additional cash flow information for the nine months ended December 31, 2022 and 2021 is as follows:

		Millions of yen				
		months ended mber 31, 2022		onths ended ber 31, 2021		
Additional cash flow information:						
Interest paid	¥	20,295	¥	9,380		
Income taxes paid, net		115,949		53,892		

3. Business Combination

Mine Site Technologies Pty Ltd

On July 1, 2022, the Company acquired 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 was done 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.

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).

The fair value measurement of the acquired assets and assumed liabilities under Financial Accounting Standards Board Accounting Standards CodificationTM (hereinafter "ASC") 805, "Business Combinations" was completed on October 31, 2022.

Following is a summary of the acquired assets and assumed liabilities after the allocation of acquisition cost on the acquisition date.

	Milli	ons of yen
Consideration		
Cash and cash equivalents	¥	15,668
Fair value of total consideration transferred		15,668
Recognized amounts of identifiable acquired assets and assumed liabilities	-	
Current assets	¥	2,259
Property, plant and equipment		71
Intangible assets		2,896
Total acquired assets	•	5,226
Current liabilities		(821)
Long-term liabilities		(932)
Total assumed liabilities		(1,753)
Net acquired assets		3,473
Goodwill		12,195
	¥	15,668

Intangible assets of \(\frac{\pmathbf{\frac{4}}}{2}\),896 million are all intangible assets subject to amortization and primarily consist of the following.

	Millions of yen	_
	Gross carrying amount	Amortization period
Customer relationships	¥ 2,127	12 years
Technology assets	384	5 years

The goodwill of ¥12,195 million was assigned to the Construction, Mining and Utility Equipment operating segment. The goodwill is not deductible for tax purpose.

Acquisition-related costs for the nine months ended December 31, 2022 are ¥648 million (accumulated acquisition-related costs: ¥653 million) and included in selling, general and administrative expenses in the consolidated statements of income for the nine months ended December 31, 2022.

MST Global's results of operations included in the consolidated statements of income for the nine months ended December 31, 2022 since the date of acquisition were immaterial.

Assuming this acquisition had been made on April 1, 2021, the impact on Net Sales and Net income attributable to Komatsu Ltd. for the nine months ended December 31, 2022 and 2021 would be immaterial.

4. Allowance for Doubtful Receivables

At December 31, 2022 and at March 31, 2022, allowances for doubtful receivables deducted from trade notes and accounts receivable, net and long-term trade receivables, net are \(\frac{4}{22}\),400 million and \(\frac{4}{22}\),076 million, respectively.

5. Inventories

At December 31, 2022 and at March 31, 2022, inventories comprise the following:

		Millions of yen						
	Decem	ber 31, 2022	Mar	ch 31, 2022				
Finished products, including finished parts held for sale	¥	828,580	¥	666,538				
Work in process		278,925		206,481				
Materials and supplies		136,528		114,992				
Total	¥	1,244,033	¥	988,011				

6. 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 nine months ended December 31, 2022 and 2021 are as follows:

	Millions of yen					
	Nine months December 3		Nine months December 3			
Net gains and losses recognized during the period on equity securities	¥	100	¥	245		
Less: net gains and losses recognized during the period on equity securities						
sold during the period		2		(0)		
Unrealized gains and losses recognized during the period on equity						
securities still held as of December 31, 2022 and 2021	¥	98	¥	245		

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 three months ended December 31, 2022 and 2021 are as follows:

	Millions of yen				
	Three montl December 3		Three months December 31		
Net gains and losses recognized during the period on equity securities	¥	(258)	¥	74	
Less: net gains and losses recognized during the period on equity securities					
sold during the period		2		(0)	
Unrealized gains and losses recognized during the period on equity					
securities still held as of December 31, 2022 and 2021	¥	(260)	¥	74	

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 December 31, 2022 and as of March 31, 2022, the carrying amounts of these investments were \mathbb{\feft}10,284 million and \mathbb{\feft}8,377 million, respectively. Any impairment or any adjustment relating to observable price changes recorded until December 31, 2022 and until March 31, 2022 were not material.

7. Other Intangible Assets

Other intangible assets at December 31, 2022 and at March 31, 2022 are as follows:

	Millions of yen						
	December 31, 2022 March 31, 2022						
	Gross carrying amount	Accumulated amortization	Net carrying amount	Gross carrying amount	Accumulated amortization	Net carrying amount	
Other intangible assets subject to							
amortization:							
Software	¥ 82,378	¥ (40,666)	¥ 41,712	¥ 72,173	¥ (33,265)	¥ 38,908	
Leasehold	8,359	(2,581)	5,778	8,259	(2,256)	6,003	
Trademarks	64,214	(24,846)	39,368	61,873	(20,856)	41,017	
Customer relationships	87,225	(41,418)	45,807	82,195	(35,051)	47,144	
Technology assets	42,513	(18,857)	23,656	41,435	(16,239)	25,196	
Other	10,289	(7,759)	2,530	8,871	(6,347)	2,524	
Total	294,978	(136,127)	158,851	274,806	(114,014)	160,792	
Other intangible assets not subject							
to amortization			6,833			8,211	
Total other intangible assets			¥ 165,684			¥ 169,003	

The aggregate amortization expense of other intangible assets subject to amortization during the nine months ended December 31, 2022 and 2021 were \(\frac{1}{2}\) and \(\frac{1}{2}\) million and \(\frac{1}{2}\) 17,844 million, respectively. The aggregate amortization expense of other intangible assets subject to amortization during the three months ended December 31, 2022 and 2021 were \(\frac{1}{2}\)7,260 million and \(\frac{1}{2}\)6,035 million, respectively.

8. Cost of Retirement Benefits

The Company and certain subsidiaries in Japan have transferred part of the retirement benefit plans (lump-sum severance payment plans and defined benefit cash balance pension plans) to the defined contribution pension plans in the nine months ended December 31, 2021.

Net periodic cost of Komatsu's defined benefit plans for the nine months ended December 31, 2022 and 2021 consisted of the following components:

	Millions of yen				
		onths ended per 31, 2022		onths ended per 31, 2021	
Service cost	¥	6,518	¥	6,760	
Interest cost on projected benefit obligations		6,376		3,845	
Expected return on plan assets		(8,579)		(7,598)	
Amortization of actuarial loss or gain		248		362	
Amortization of prior service cost		818		676	
Gains recognized due to partial settlements		<u> </u>		(2,486)	
Net periodic cost	¥	5,381	¥	1,559	

Net periodic cost of the other postretirement benefit plans for the nine months ended December 31, 2022 and 2021 included the following components:

Millions of yen				
		Nine months ended December 31, 2021		
¥	352	¥	364	
	328		239	
	(455)		(407)	
	(58)		4	
	(239)		(138)	
			(355)	
¥	(72)	¥	(293)	
	Pecember ¥	Nine months ended December 31, 2022 ¥ 352 328 (455) (58) (239)	Nine months ended December 31, 2022 \$\frac{\pmathbf{Y}}{2}\$ 352 \$\frac{\pmathbf{Y}}{2}\$ 328 (455) (58) (239)	

Net periodic cost of Komatsu's defined benefit plans for the three months ended December 31, 2022 and 2021 consisted of the following components:

	Millions of yen			
		onths ended per 31, 2022		onths ended per 31, 2021
Service cost	¥	2,147	¥	2,301
Interest cost on projected benefit obligations		2,219		1,292
Expected return on plan assets		(2,973)		(2,549)
Amortization of actuarial loss or gain		85		119
Amortization of prior service cost		276		227
Gains recognized due to partial settlements				_
Net periodic cost	¥	1,754	¥	1,390

Net periodic cost of the other postretirement benefit plans for the three months ended December 31, 2022 and 2021 included the following components:

Millions of yen				
		Three months ended December 31, 2021		
¥	124	¥	111	
	115		68	
	(161)		(126)	
	(21)		17	
	(84)		(71)	
¥	(27)	¥	(1)	
	Decembe	Three months ended December 31, 2022 ¥ 124 115 (161) (21)	Three months ended December 31, 2022 \[\frac{\frac{1}{4}}{2} \] \[\frac{124}{4} \] \[\frac{115}{(161)} \] \[(21) \]	

Net periodic cost components other than the service cost of Komatsu's defined benefit plans and the other postretirement benefit plans are recorded in other income (expenses), net in the accompanying consolidated statements of income.

9. Other Comprehensive Income (Loss)

Changes in accumulated other comprehensive income (loss) for the nine months ended December 31, 2022 and 2021 are as follows:

	Millions of yen						
	Nine months ended December 31, 2022						
	cı tra	Foreign urrency unslation ustments	Pension liability adjustments	hol on	unrealized ding gains (losses) derivative struments		Total
Balance, beginning of the year	¥	148,629	¥ (24,171)	¥	(2,044)	¥	122,414
Other comprehensive income (loss) before reclassifications	;	55,663	(107)		(7,661)		47,895
Amounts reclassified from accumulated other comprehensive income (loss)		(783)	543		12,408		12,168
Net other comprehensive income (loss)		54,880	436		4,747		60,063
Less: other comprehensive income (loss) attributable to noncontrolling interests		1,311			199		1,510
Other comprehensive income (loss) attributable to Komatsu Ltd.	;	53,569	436		4,548		58,553
Equity transactions with noncontrolling interests		1,476			_		1,476
Balance, end of the period	¥	203,674	¥ (23,735)	¥	2,504	¥	182,443

All amounts are net of tax.

	Millions of yen							
	Nine months ended December 31, 2021							
	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	54,861	504	(1,590)		53,775			
Amounts reclassified from accumulated other comprehensive income (loss)	_	1,737	2,707		4,444			
Net other comprehensive income (loss)	54,861	2,241	1,117		58,219			
Less: other comprehensive income (loss) attributable to noncontrolling interests	2,409		199		2,608			
Other comprehensive income (loss) attributable to Komatsu Ltd.	52,452	2,241	918		55,611			
Equity transactions with noncontrolling interests	23		(10)		13			
Balance, end of the period	¥ 45,289	¥ (32,049)	¥ 372	¥	13,612			

All amounts are net of tax.

Changes in accumulated other comprehensive income (loss) for the three months ended December 31, 2022 and 2021 are as follows:

		Millions	s of yen					
	Three months ended December 31, 2022							
	Foreign currency translation adjustments	Pension liability adjustments	Net unrealized holding gains (losses) on derivative instruments	Total				
Balance, beginning of the period	¥ 386,969	¥ (23,892)	¥ (2,346)	¥ 360,731				
Other comprehensive income (loss) before reclassifications	(194,268)	(30)	5,964	(188,334)				
Amounts reclassified from accumulated other comprehensive income (loss)	1,165	187	(1,179)	173				
Net other comprehensive income (loss)	(193,103)	157	4,785	(188,161)				
Less: other comprehensive income (loss) attributable to noncontrolling interests	(9,808)		(65)	(9,873)				
Other comprehensive income (loss) attributable to Komatsu Ltd.	(183,295)	157	4,850	(178,288)				
Equity transactions with noncontrolling interests	_	_	_	_				
Balance, end of the period	¥ 203,674	¥ (23,735)	¥ 2,504	¥ 182,443				

All amounts are net of tax.

_		Millions	of yen				
_	Three months ended December 31, 2021						
	Foreign currency translation adjustments	Pension liability adjustments	Net unrealized holding gains (losses) on derivative instruments		Total		
Balance, beginning of the period	¥ 4,295	¥ (32,503)	¥ 293	¥	(27,915)		
Other comprehensive income (loss) before reclassifications	44,203	242	(1,737)		42,708		
Amounts reclassified from accumulated other comprehensive income (loss)	_	212	1,912		2,124		
Net other comprehensive income (loss)	44,203	454	175		44,832		
Less: other comprehensive income (loss) attributable to noncontrolling interests	3,209		96		3,305		
Other comprehensive income (loss) attributable to Komatsu Ltd.	40,994	454	79		41,527		
Equity transactions with noncontrolling interests	_	_	_		_		
Balance, end of the period	¥ 45,289	¥ (32,049)	¥ 372	¥	13,612		

All amounts are net of tax.

Reclassification out of accumulated other comprehensive income (loss) for the nine months ended December 31, 2022 and 2021 are as follows:

Nine months ended December 31, 2022 Foreign currency translation adjustments Sale and Liquidation ¥ 1,948 Other operating income, net (1,165) Other income (expenses), net: Other operating income (expenses)	me
Sale and Liquidation ¥ 1,948 Other operating income, net (1,165) Other income (expenses), net: C	
(1,165) Other income (expenses), net: C	
783 Total before tax	Other, net
Income taxes	
783 Net of tax	
Pension liability adjustments	
Amortization of actuarial loss or gain and prior service cost (769) Other income (expenses), net: C	Other, net
(769) Total before tax	
226 Income taxes	
$\frac{\text{(543)}}{\text{Net of tax}}$	
Net unrealized holding gains (losses) on derivative instruments	
Forward contracts, Interest rate swaps and cross-currency swap agreements (13,563) Net sales	
(690) Cost of sales	
(3,875) Other income (expenses), net: C	Other, net
(18,128) Total before tax	
5,720 Income taxes	
(12,408) Net of tax	
Total reclassification for the period $\frac{4}{4}$ (12,168) Net of tax	
Millions of yen	
Nine months ended Affected line items in	
December 31, 2021 consolidated statements of incomparison of the consolidated statements of the consolidated statement of the consolidated sta	me
Pension liability adjustments Amortization of actuarial loss or gain and prior service cost ¥ (2,479) Other income (expenses), net: C	Other, net
(2,479) Total before tax	
742 Income taxes	
(1,737) Net of tax	
Net unrealized holding gains (losses) on derivative instruments	
Forward contracts (1,796) Net sales	
(226) Cost of sales	
(1,924) Other income (expenses), net: C	Other, net
(3,946) Total before tax	
$\underline{\qquad \qquad (2,707)} \text{Net of tax}$	
Total reclassification for the period $\frac{Y}{Y}$ (4,444) Net of tax	

Reclassification out of accumulated other comprehensive income (loss) for the three months ended December 31, 2022 and 2021 are as follows:

	Millio	ons of yen	
		nonths ended ber 31, 2022	Affected line items in consolidated statements of income
Foreign currency translation adjustments			
Sale and Liquidation	¥	(1,165)	Other income (expenses), net: Other, net
		(1,165)	Total before tax
			Income taxes
		(1,165)	Net of tax
Pension liability adjustments		())	
Amortization of actuarial loss or gain and prior service cost		(256)	Other income (expenses), net: Other, net
ı		(256)	Total before tax
		69	Income taxes
		(187)	Net of tax
Net unrealized holding gains (losses) on derivative instruments	e		
Forward contracts, Interest rate swaps and cross-currency swap agreements		(3,591)	Net sales
		(869)	Cost of sales
		6,105	Other income (expenses), net: Other, net
		1,645	Total before tax
		(466)	Income taxes
		1,179	Net of tax
Total reclassification for the period	¥	(173)	Net of tax
		_	
		ons of yen	
		onths ended ber 31, 2021	Affected line items in consolidated statements of income
Pension liability adjustments			Constituted statements of income
Amortization of actuarial loss or gain and prior service cost	¥	(292)	Other income (expenses), net: Other, net
•		(292)	Total before tax
		80	Income taxes
	-	(212)	Net of tax
Net unrealized holding gains (losses) on derivative instruments	e	, ,	
Forward contracts		(524)	Net sales
		(270)	Cost of sales
		(2,007)	Other income (expenses), net: Other, net
		(2,801)	Total before tax
		889	Income taxes
		(1,912)	Net of tax
Total reclassification for the period	¥	(2,124)	Net of tax

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

	Millions of yen					
	Nine months ended December 31, 2022					2
			Tax (expense) or benefit			et of tax mount
Foreign currency translation adjustments						
Foreign currency translation adjustments arising during the period	¥	55,983	¥	(320)	¥	55,663
Less: reclassification adjustment for gains included in net income		(783)		_		(783)
Net foreign currency translation adjustments	55,200 (320)		(320)		54,880	
Pension liability adjustments						
Pension liability adjustments arising during the period		(145)		38		(107)
Less: reclassification adjustment for losses included in net income		769		(226)		543
Net pension liability adjustments		624		(188)		436
Net unrealized holding gains (losses) on derivative instruments				Ì		
Unrealized holding losses arising during the period		(11,221)		3,560		(7,661)
Less: reclassification adjustment for losses included in net income		18,128		(5,720)		12,408
Net unrealized holding gains		6,907		(2,160)		4,747
Other comprehensive income (loss)	¥	62,731	¥	(2,668)	¥	60,063

	Millions of yen					
	Nine months ended December 31, 2021					l
	Before tax Tax (expense) amount or benefit			et of tax mount		
Foreign currency translation adjustments						
Foreign currency translation adjustments arising during the period	¥	54,937	¥	(76)	¥	54,861
Less: reclassification adjustment for gains included in net						
income		_		_		_
Net foreign currency translation adjustments		54,937		(76)		54,861
Pension liability adjustments						
Pension liability adjustments arising during the period		680		(176)		504
Less: reclassification adjustment for losses included in net income		2,479		(742)		1,737
Net pension liability adjustments		3,159		(918)		2,241
Net unrealized holding gains (losses) on derivative instruments						
Unrealized holding losses arising during the period		(2,377)		787		(1,590)
Less: reclassification adjustment for losses included in net income		3,946		(1,239)		2,707
Net unrealized holding gains		1,569		(452)		1,117
Other comprehensive income (loss)	¥	59,665	¥	(1,446)	¥	58,219

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

		Millions of yen			
	Three months ended December 31, 2022				
	Before tax Tax (expense) amount or benefit		Net of tax amount		
Foreign currency translation adjustments					
Foreign currency translation adjustments arising during the period	¥ (194,529)	¥ 261	¥ (194,268)		
Less: reclassification adjustment for losses included in net income	1,165	_	1,165		
Net foreign currency translation adjustments	(193,364)	261	(193,103)		
Pension liability adjustments					
Pension liability adjustments arising during the period	(39)	9	(30)		
Less: reclassification adjustment for losses included in net income	256	(69)	187		
Net pension liability adjustments	217	(60)	157		
Net unrealized holding gains (losses) on derivative instruments					
Unrealized holding gains arising during the period	8,706	(2,742)	5,964		
Less: reclassification adjustment for gains included in net income	(1,645)	466	(1,179)		
Net unrealized holding gains	7,061	(2,276)	4,785		
Other comprehensive income (loss)	¥ (186,086)	¥ (2,075)	¥ (188,161)		
	Millions of yen				
		nths ended December			
	Before tax amount	Tax (expense) or benefit	Net of tax amount		
Foreign currency translation adjustments					
Foreign currency translation adjustments arising during the period	¥ 44,268	¥ (65)	¥ 44,203		
Less: reclassification adjustment for gains included in net	_	_	_		

		Three mor	ths ende	d December	31, 202	1
	Before tax amount		Tax (expense) or benefit			et of tax mount
Foreign currency translation adjustments						
Foreign currency translation adjustments arising during the period	¥	44,268	¥	(65)	¥	44,203
Less: reclassification adjustment for gains included in net income		_		_		_
Net foreign currency translation adjustments	-	44,268		(65)		44,203
Pension liability adjustments						
Pension liability adjustments arising during the period		(94)		336		242
Less: reclassification adjustment for losses included in net income		292		(80)		212
Net pension liability adjustments		198		256		454
Net unrealized holding gains (losses) on derivative instruments						
Unrealized holding losses arising during the period		(2,547)		810		(1,737)
Less: reclassification adjustment for losses included in net income		2,801		(889)		1,912
Net unrealized holding gains		254		(79)		175
Other comprehensive income (loss)	¥	44,720	¥	112	¥	44,832

10. Revenue

(1) Disaggregation of revenue

The disaggregation of revenue by operating segment and geographic region are described in Note 20.

(2) Contract balances

Contract balances arising from contracts with customers at December 31, 2022 and at March 31, 2022 are as follows:

	Millions	of yen
	December 31, 2022	March 31, 2022
Receivables *1	¥ 1,320,771	¥ 1,220,566
Contract assets *2	2,164	2,699
Contract liabilities *3	166,509	132,649

- *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 allowances for doubtful receivables.
- *2 Contract assets are included in trade notes and accounts receivable, net in the accompanying consolidated balance sheets. These amounts are before deducting allowances for doubtful receivables.
- *3 Contract liabilities are included in other current liabilities and deferred income taxes and other liabilities in the accompanying consolidated balance sheets.

Revenue recognized for the nine months ended December 31, 2022 that was included in the contract liability balance as of March 31, 2022 was \(\frac{1}{2}56,811\) million. Revenue recognized for the nine months ended December 31, 2021 that was included in the contract liability balance as of March 31, 2021 was \(\frac{1}{4}46,015\) million. Revenue recognized for the three months ended December 31, 2022 that was included in the contract liability balance as of March 31, 2022 was \(\frac{1}{4}3,488\) million. Revenue recognized for the three months ended December 31, 2021 that was included in the contract liability balance as of March 31, 2021 was \(\frac{1}{4}7,165\) million.

The amount of revenue recognized during the nine months and the three months ended December 31, 2022 and 2021 from performance obligations satisfied or partially satisfied in previous periods was immaterial.

(3) Transaction price allocated to the remaining performance obligations

As of December 31, 2022, the aggregate amount of the transaction price allocated to the remaining performance obligations that have original expected durations greater than one year is \(\frac{1}{3}\)57,148 million, of which \(\frac{1}{3}\)156,299 million is expected to be recognized as revenue in the twelve months following December 31, 2022.

11. Stock-Based Remuneration

The Company had a stock option plan which transfers the Company's shares to directors, certain employees and certain representative directors of major subsidiaries under an agreement granting the right for them to request such transfers at a predetermined price until the fiscal year ended March 31, 2018.

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 with medium- to long-term incentives and advance in sharing value between the directors and shareholders of the Company. Compensation expenses during the nine months ended December 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. Compensation expenses during the three months ended December 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 Company recognizes compensation expense using the fair value method.

12. Leases

Revenues from sales-type and operating leases as a lessor, included in net sales on the consolidated statement of income, for the nine months ended December 31, 2022 and 2021 are as follows:

		Millions of yen				
			months ended mber 31, 2022			
Sales-type lease revenue	•					
Revenue recognized at the commencement date *1		¥	78,901	¥	97,195	
Interest income			7,469		6,539	
Total sales-type lease revenue	·		86,370		103,734	
Operating lease revenue	·		60,321		62,518	
Total	•	¥	146,691	¥	166,252	

^{*1} The revenue recognized at the commencement date is included in net sales of the Construction, Mining and Utility Equipment operating segment.

Revenues from sales-type and operating leases as a lessor, included in net sales on the consolidated statement of income, for the three months ended December 31, 2022 and 2021 are as follows:

	Millions of yen			
		months ended aber 31, 2022		months ended nber 31, 2021
Sales-type lease revenue				
Revenue recognized at the commencement date *2	¥	31,670	¥	32,222
Interest income		2,552		2,218
Total sales-type lease revenue		34,222		34,440
Operating lease revenue		21,142		21,907
Total	¥	55,364	¥	56,347

^{*2} The revenue recognized at the commencement date is included in net sales of the Construction, Mining and Utility Equipment operating segment.

13. 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:

	Nine months of December 31,			onths ended ber 31, 2021	
Net income attributable to Komatsu Ltd.	¥ 23	1,911	¥	155,502	
Net income attributable to participating securities (restricted stocks)		206		163	
Net income attributable to common shareholders	¥ 23	1,705	¥	155,339	
		Number	of shares		
	Nine months December 31,			onths ended ber 31, 2021	
Weighted average number of common shares outstanding, less treasury					
stock	945,433		94	5,137,570	
Weighted average number of participating securities (restricted stocks)		9,395		989,542	
Weighted average number of common shares	944,594	4,059	94	4,148,028	
	Yen				
	Nine months of December 31,			onths ended ber 31, 2021	
Basic net income attributable to Komatsu Ltd. per share	¥ 24	45.30	¥	164.53	
		Million	s of yen		
	Three months December 31,			onths ended ber 31, 2021	
Net income attributable to Komatsu Ltd.	¥ 69	9,343	¥	62,361	
Net income attributable to participating securities (restricted stocks)		58		75	
Net income attributable to common shareholders	¥ 69	9,285	¥	62,286	
		Number	of shares		
	Three months December 31,			nonths ended ber 31, 2021	
Weighted average number of common shares outstanding, less treasury					
stock	945,580	0,369	94	5,281,634	
Weighted average number of participating securities (restricted stocks)		4,940		1,133,190	
Weighted average number of common shares	944,79	5,429	94	4,148,444	
		Y	en		
	Three months December 31,	ended	Three n	nonths ended ber 31, 2021	

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				
		onths ended per 31, 2022		onths ended ber 31, 2021	
Net income attributable to Komatsu Ltd.	¥	231,911	¥	155,502	
Net income attributable to participating securities (restricted stocks)		206		163	
Net income attributable to common shareholders	¥	231,705	¥	155,339	
		Number	of shares		
		onths ended per 31, 2022		onths ended ber 31, 2021	
Weighted average number of common shares outstanding, less treasury					
stock	94:	5,433,454	94	15,137,570	
Dilutive effect of:					
Stock options		130,668		222,449	
Weighted average number of participating securities (restricted stocks)		839,395		989,542	
Weighted average number of diluted common shares	944	4,724,727	94	14,370,477	
		Ye	en		
		onths ended per 31, 2022		onths ended ber 31, 2021	
Diluted net income attributable to Komatsu Ltd. per share	¥	245.26	¥	164.49	
		Million	s of ven		
	Three m	Millions onths ended		nonths ended	
		Millions onths ended per 31, 2022	Three r	months ended ber 31, 2021	
Net income attributable to Komatsu Ltd.		onths ended	Three r		
Net income attributable to participating securities (restricted stocks)	¥	onths ended per 31, 2022	Three r Decem	ber 31, 2021	
	Decemb	onths ended per 31, 2022 69,343	Three r Decem	62,361	
Net income attributable to participating securities (restricted stocks)	¥	onths ended per 31, 2022 69,343 58	Three r Decem	62,361 75	
Net income attributable to participating securities (restricted stocks)	¥ ¥	onths ended her 31, 2022 69,343 58 69,285 Number	Three r Decem ¥ Y of shares	62,361 75 62,286	
Net income attributable to participating securities (restricted stocks)	¥ Three m	onths ended her 31, 2022 69,343 58 69,285 Number on this ended	Three r Decem 4 4 4 of shares Three r	62,361 75 62,286	
Net income attributable to participating securities (restricted stocks) Net income attributable to common shareholders	¥ Three m	onths ended her 31, 2022 69,343 58 69,285 Number	Three r Decem 4 4 4 of shares Three r	62,361 75 62,286	
Net income attributable to participating securities (restricted stocks)	¥ Three m Decemb	onths ended her 31, 2022 69,343 58 69,285 Number on onths ended her 31, 2022	Three r Decem 4 4 4 of shares Three r Decem	62,361 75 62,286 nonths ended ber 31, 2021	
Net income attributable to participating securities (restricted stocks) Net income attributable to common shareholders Weighted average number of common shares outstanding, less treasury	¥ Three m Decemb	onths ended her 31, 2022 69,343 58 69,285 Number on this ended	Three r Decem 4 4 4 of shares Three r Decem	62,361 75 62,286	
Net income attributable to participating securities (restricted stocks) Net income attributable to common shareholders Weighted average number of common shares outstanding, less treasury stock Dilutive effect of:	¥ Three m Decemb	onths ended ther 31, 2022 69,343 58 69,285 Number on this ended ther 31, 2022 5,580,369	Three r Decem 4 4 4 of shares Three r Decem	62,361 75 62,286 months ended ber 31, 2021	
Net income attributable to participating securities (restricted stocks) Net income attributable to common shareholders Weighted average number of common shares outstanding, less treasury stock Dilutive effect of: Stock options	¥ Three m Decemb	onths ended ber 31, 2022 69,343 58 69,285 Number onths ended ber 31, 2022 5,580,369	Three r Decem 4 4 4 of shares Three r Decem	62,361 75 62,286 months ended ber 31, 2021 15,281,634 184,179	
Net income attributable to participating securities (restricted stocks) Net income attributable to common shareholders Weighted average number of common shares outstanding, less treasury stock Dilutive effect of:	¥ Three m Decemb	onths ended ther 31, 2022 69,343 58 69,285 Number on this ended ther 31, 2022 5,580,369	Three r Decem ¥ Y of shares Three r Decem 94	62,361 75 62,286 months ended ber 31, 2021	
Net income attributable to participating securities (restricted stocks) Net income attributable to common shareholders Weighted average number of common shares outstanding, less treasury stock Dilutive effect of: Stock options Weighted average number of participating securities (restricted stocks)	¥ Three m Decemb	onths ended her 31, 2022 69,343 58 69,285 Number on onths ended her 31, 2022 5,580,369 115,263 784,940	Three r Decem ¥ Y of shares Three r Decem 94	62,361 75 62,286 months ended ber 31, 2021 45,281,634 184,179 1,133,190	
Net income attributable to participating securities (restricted stocks) Net income attributable to common shareholders Weighted average number of common shares outstanding, less treasury stock Dilutive effect of: Stock options Weighted average number of participating securities (restricted stocks)	¥ Three m Decemb	onths ended her 31, 2022 69,343 58 69,285 Number on onths ended her 31, 2022 5,580,369 115,263 784,940	Three r Decem ¥ Y of shares Three r Decem 94	62,361 75 62,286 months ended ber 31, 2021 45,281,634 184,179 1,133,190	
Net income attributable to participating securities (restricted stocks) Net income attributable to common shareholders Weighted average number of common shares outstanding, less treasury stock Dilutive effect of: Stock options Weighted average number of participating securities (restricted stocks)	¥ Three m Decemb	onths ended ter 31, 2022 69,343 58 69,285 Number on this ended ter 31, 2022 5,580,369 115,263 784,940 4,910,692	Three r Decem 4 4 4 4 of shares Three r Decem 94 94 Three r	62,361 75 62,286 months ended ber 31, 2021 45,281,634 184,179 1,133,190	

14. Contingent Liabilities

(1) 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 December 31, 2022 and at March 31, 2022 were \mathbb{1}15,406 million and \mathbb{1}12,293 million, respectively. The fair value of the liabilities recognized for Komatsu's obligations as guarantors under those guarantees at December 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 December 31, 2022 and at March 31, 2022 were \frac{\pmax}{2}13,528 million and \frac{\pmax}{2}17,330 million, respectively.

Management of the Company believes that losses from those contingent liabilities, if any, would not have a material effect on the quarterly consolidated financial statements.

- (2) 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.
- (3) 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.

15. Derivative Financial Instruments

Notional principal amounts of derivative financial instruments outstanding at December 31, 2022 and at March 31, 2022 are as follows:

		Millions of yen				
	Decen	nber 31, 2022	Mar	ch 31, 2022		
Forward contracts:						
Sale of foreign currencies	¥	331,203	¥	278,513		
Purchase of foreign currencies		162,365		176,360		
Interest rate swaps and cross-currency swap agreements		156,929		126,032		

Fair value of derivative instruments at December 31, 2022 and at March 31, 2022 on the consolidated balance sheets are as follows:

Millions of yen								
	December 31, 2022							
	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		stimated iir value			
Forward contracts	Other current assets	¥ 6,142	Other current liabilities	¥	1,334			
	Deferred income taxes and other assets	64	Deferred income taxes and other liabilities		11			
Interest rate swaps and	Other current assets	58	Other current liabilities		128			
cross-currency swap	Deferred income taxes and	1,533	Deferred income taxes and		7			
agreements	other assets		other liabilities					
Total		¥ 7,797		¥	1,480			
	Derivative Assets		Derivative Liabilities					
Undesignated derivative instruments	Location on the consolidated Balance Sheets	Estimated fair value	Location on the consolidated Balance Sheets	_	stimated iir value			
Forward contracts	Other current assets	¥ 3,341	Other current liabilities	¥	4,677			
	Deferred income taxes and other assets	83	Deferred income taxes and other liabilities		42			
Interest rate swaps and	Other current assets	4,677	Other current liabilities		286			
cross-currency swap agreements	Deferred income taxes and other assets	73	Deferred income taxes and other liabilities		99			
Total		¥ 8,174		¥	5,104			
Total Derivative Instruments		¥ 15,971		¥	6,584			

Millions of yen

	March 31, 2022							
	Derivative Assets	Derivative Liabilities						
Derivative instruments designated as hedging instruments	Location on the consolidated Balance Sheets							stimated air value
Forward contracts	Other current assets Deferred income taxes and other assets	¥	434	Other current liabilities Deferred income taxes and other liabilities	¥	7,545 33		
Interest rate swaps and cross-currency swap agreements	Other current assets Deferred income taxes and other assets		944	Other current liabilities Deferred income taxes and other liabilities		158 67		
Total		¥	1,378		¥	7,803		
	Derivative Assets Location on the consolidated	E	stimated	Derivative Liabilities Location on the consolidated	F	stimated		
Undesignated derivative instruments	Balance Sheets		ir value	Balance Sheets	_	air value		
Forward contracts	Other current assets Deferred income taxes and other assets	¥	2,457 25	Other current liabilities Deferred income taxes and other liabilities	¥	7,839 24		
Interest rate swaps and cross-currency swap agreements	Other current assets Deferred income taxes and other assets		1,314	Other current liabilities Deferred income taxes and other liabilities		119 299		
Total		¥	3,796		¥	8,281		
Total Derivative Instruments		¥	5,174		¥	16,084		

The effects of derivative instruments on the consolidated statements of income and the consolidated statements of comprehensive income for the nine months ended December 31, 2022 and 2021 are as follows:

Derivative instruments designated as cash flow hedging relationships

			Millions of yen					
	Nine months ended December 31, 2022							
		mount of ins (losses) ecognized	Gains (losses) reclassified from accumulated OCI on derivatives					
	on	in OCI derivatives	Location of consolidated statements of income		Amount			
Forward contracts	¥	(11,968)	Net sales Cost of sales Other income (averages) net. Other net	¥	(13,563) (693) (3,875)			
Interest rate swaps and cross-currency swap agreements		747	Other income (expenses), net: Other, net Cost of sales		(3,873)			
Total	¥	(11,221)		¥	(18,128)			
			Millions of yen Nine months ended December 31, 2021					
	ga	mount of (losses)	Gains (losses) reclassified from accumulated OCI on derivatives					
	on	in OCI derivatives	Location of consolidated statements of income		Amount			
Forward contracts	¥	(3,107)	Net sales Cost of sales Other income (expenses), net: Other, net	¥	(1,796) (226) (1,924)			
Interest rate swaps and cross-currency swap agreements		730	— — — — — — — — — — — — — — — — — — —		(1,924)			
Total	¥	(2,377)		¥	(3,946)			

Derivative instruments not designated as hedging instruments relationships

	Millions of yen		
	Nine months ended December 31, 2022		
	Location of gains (losses) recognized in income on derivatives	(losses in it	nnt of gains) recognized ncome on rivatives
Forward contracts	Other income (expenses), net: Other, net	¥	(830)
Interest rate swaps and	Cost of sales		200
cross-currency swap agreements	Other income (expenses), net: Other, net		3,018
Total		¥	2,388
	Millions of yen Nine months ended December 31, 2021		
	Location of gains (losses) recognized in income on derivatives	(losses in ir	int of gains) recognized acome on rivatives
Forward contracts	Other income (expenses), net: Other, net	¥	2,608
Interest rate swaps and	Cost of sales		(113)
cross-currency swap agreements	Other income (expenses), net: Other, net		293
Total	•	¥	2,788

^{*} OCI stands for other comprehensive income (loss).

The effects of derivative instruments on the consolidated statements of income and the consolidated statements of comprehensive income for the three months ended December 31, 2022 and 2021 are as follows:

Derivative instruments designated as cash flow hedging relationships

			Millions of yen					
	Three months ended December 31, 2022							
	Amount of gains (losses) recognized		Gains (losses) reclassified from accumulated OCI on derivatives					
		in OCI derivatives	Location of consolidated statements of income		Amount			
Forward contracts	¥	8,961	Net sales	¥	(3,591)			
			Cost of sales		(869)			
			Other income (expenses), net: Other, net		6,105			
Interest rate swaps and		(255)	` ` •		0			
cross-currency swap agreements		,						
Total	¥	8,706		¥	1,645			
			Millions of yen					
			Three months ended December 31, 2021					
	A	mount of						
		ns (losses) cognized	Gains (losses) reclassified from accumulated OCI on derivatives					
		in OCI derivatives	Location of consolidated statements of income		Amount			
Forward contracts	¥	(2,909)	Net sales	¥	(524)			
		())	Cost of sales		(270)			
			Other income (expenses), net: Other, net		(2,007)			
Interest rate swaps and		362	<u> </u>					
cross-currency swap agreements								

¥

(2,801)

Total

Derivative instruments not designated as hedging instruments relationships

(2,547)

¥

	Millions of yen		
	Location of gains (losses) recognized in income on derivatives	(losses in i	unt of gains s) recognized ncome on rivatives
Forward contracts	Other income (expenses), net: Other, net	¥	(5,371)
Interest rate swaps and	Cost of sales		215
cross-currency swap agreements	Other income (expenses), net: Other, net		271
Total		¥	(4,885)
	Millions of yen Three months ended December 31, 2021		
	Location of gains (losses) recognized in income on derivatives	(losses in i	unt of gains s) recognized ncome on rivatives
Forward contracts	Other income (expenses), net: Other, net	¥	2,580
Interest rate swaps and	Cost of sales		(38)
cross-currency swap agreements	Other income (expenses), net: Other, net		179
Total	· ·	¥	2,721

^{*} OCI stands for other comprehensive income (loss).

16. 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

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.

(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 15 and 17)

The fair values of derivative financial instruments are stated in Note 17 and therefore are not included in the table below.

The carrying amounts and the estimated fair values of the financial instruments as of December 31, 2022 and as of March 31, 2022, and fair value levels are summarized as follows:

	Decembe	r 31, 2022	March .		
	Carrying	Estimated	Carrying	Estimated	Fair Value
	amount	fair value	amount	fair value	Levels
Cash and cash equivalents	¥ 334,135	¥ 334,135	¥ 315,360	¥ 315,360	Level 1
Time deposits	2,014	2,014	1,310	1,310	Level 2
Long-term trade receivables, net, excluding lease receivables	428,166	414,681	362,720	362,720	Level 2
Short-term debt	435,187	435,187	241,746	241,746	Level 2
Long-term debt, including current portion	728,134	708,837	705,634	694,174	Level 2

Notes:

2) The fair value levels are stated in Note 17.

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.

17. 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 December 31, 2022 and at March 31, 2022 are as follows:

	Millions of yen							
<u>At December 31, 2022</u>	Level 1 Level 2 Level 3			rel 3	Total			
Assets								
Derivatives								
Forward contracts	¥	_	¥	9,630	¥	_	¥	9,630
Interest rate swaps and cross-currency swap agreements		_		6,341		_		6,341
Total	¥		¥	15,971	¥		¥	15,971
Liabilities								
Derivatives								
Forward contracts	¥	_	¥	6,064	¥	_	¥	6,064
Interest rate swaps and cross-currency swap agreements		_		520		_		520
Total	¥		¥	6,584	¥		¥	6,584
				Million	•			
At March 31, 2022	Lev	/el 1	I	Million Level 2	•	/el 3		Total
Assets	Lev	vel 1	I		•	vel 3		Total
Assets Derivatives		vel 1		Level 2	Lev	vel 3		
Assets	Lev ¥	rel 1	¥		•	vel 3	¥	2,916 2,258
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap		rel 1		2,916 2,258	Lev	vel 3		2,916 2,258
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap agreements	¥	vel 1	¥	2,916	Lev ¥	vel 3	¥	2,916
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap agreements Total	¥	rel 1	¥	2,916 2,258	Lev ¥	rel 3	¥	2,916 2,258
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap agreements Total Liabilities	¥	rel 1	¥	2,916 2,258	Lev ¥	vel 3	¥	2,916 2,258
Assets Derivatives Forward contracts Interest rate swaps and cross-currency swap agreements Total Liabilities Derivatives	¥	rel 1	¥	2,916 2,258 5,174	¥ ¥	rel 3	¥	2,916 2,258 5,174

Derivatives (Notes 15 and 16)

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

During nine months ended December 31, 2022 and 2021, assets and liabilities that were measured at fair value on a non-recurring basis were not material.

18. Committed Credit Lines

The Company and certain consolidated subsidiaries have entered into contracts with certain financial institutions for committed credit lines. These total amounts of committed credit lines at December 31, 2022 and at March 31, 2022 were ¥294,559 million and ¥277,259 million, respectively. These total amounts of unused committed credit lines available for full and immediate borrowings at December 31, 2022 and at March 31, 2022 were ¥279,539 million and ¥261,619 million, respectively.

19. Dividends

Payment amount of dividends

	Nine months ended December 31, 2022						
Resolution	Type of stock	anyloenas		Dividend per share (Yen)	Record date	Effective date	
Ordinary general meeting of shareholders held on June 21, 2022	Common stock	¥52,962	Retained earnings	¥56	March 31, 2022	June 22, 2022	
Board of Directors held on October 31, 2022	Common stock	¥60,542	Retained earnings	¥64	September 30, 2022	December 2, 2022	

Note: The amount is rounded down to nearest million yen.

Payment amount of dividends

	Nine months ended December 31, 2021							
Resolution	Recollition 1 dividende		Resource of dividends	Dividend per share (Yen)	Record date	Effective date		
Ordinary general meeting of shareholders held on June 18, 2021	Common stock	¥34,986	Retained earnings	¥37	March 31, 2021	June 21, 2021		
Board of Directors held on October 28, 2021	Common stock	¥37,828	Retained earnings	¥40	September 30, 2021	December 1, 2021		

Note: The amount is rounded down to nearest million yen.

20. 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 quarterly 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.

Operating segments:

Information about operating segments for the nine months ended December 31, 2022 and 2021 is as follows:

	Millions of yen			
		months ended ember 31, 2022		months ended mber 31, 2021
Net sales:				
Construction, Mining and Utility Equipment –				
External customers	¥	2,363,189	¥	1,840,668
Intersegment		6,449		4,852
Total		2,369,638		1,845,520
Retail Finance –				
External customers		50,583		43,565
Intersegment		12,984		11,017
Total		63,567		54,582
Industrial Machinery and Others –				
External customers		125,460		130,444
Intersegment		1,397		1,424
Total		126,857		131,868
Elimination		(20,830)		(17,293)
Consolidated	¥	2,539,232	¥	2,014,677
Segment profit:				
Construction, Mining and Utility Equipment	¥	309,549	¥	191,886
Retail Finance		21,242		13,284
Industrial Machinery and Others		15,644		15,075
Total segment profit		346,435		220,245
Corporate expenses and elimination		(267)		309
Consolidated	¥	346,168	¥	220,554

Information about operating segments for the three months ended December 31, 2022 and 2021 is as follows:

		Millions of yen			
		months ended aber 31, 2022		months ended aber 31, 2021	
Net sales:					
Construction, Mining and Utility Equipment –					
External customers	¥	860,700	¥	659,035	
Intersegment		2,729		1,122	
Total		863,429		660,157	
Retail Finance –					
External customers		17,132		14,659	
Intersegment		4,940		2,944	
Total		22,072		17,603	
Industrial Machinery and Others –					
External customers		42,665		49,583	
Intersegment		481		590	
Total		43,146		50,173	
Elimination		(8,150)		(4,656)	
Consolidated	¥	920,497	¥	723,277	
Segment profit:					
Construction, Mining and Utility Equipment	¥	122,028	¥	73,266	
Retail Finance		6,390		5,439	
Industrial Machinery and Others		4,664		6,477	
Total segment profit		133,082		85,182	
Corporate expenses and elimination		335		552	
Consolidated	¥	133,417	¥	85,734	

The reconciliation of total segment profit to consolidated income before income taxes and equity in earnings of affiliated companies for the nine months ended December 31, 2022 and 2021 are as follows:

		Millions of yen			
		months ended nber 31, 2022		months ended nber 31, 2021	
Total segment profit	¥	346,435	¥	220,245	
Corporate expenses and elimination		(267)		309	
Total		346,168		220,554	
Other operating income, net		431		3,209	
Operating income		346,599		223,763	
Interest and dividend income		8,243		3,416	
Interest expense		(21,882)		(9,113)	
Other, net		6,847		6,249	
Consolidated income before income taxes and equity in earnings of		_			
affiliated companies	¥	339,807	¥	224,315	

The reconciliation of total segment profit to consolidated income before income taxes and equity in earnings of affiliated companies for the three months ended December 31, 2022 and 2021 are as follows:

Millions of yen				
		Three months ended December 31, 2021		
¥	133,082	¥	85,182	
	335		552	
	133,417		85,734	
	1,548		1,745	
	134,965		87,479	
	3,231		1,281	
	(10,990)		(3,364)	
	(15,158)		2,410	
¥	112,048	¥	87,806	
	Decen ¥	Three months ended December 31, 2022 ¥ 133,082 335 133,417 1,548 134,965 3,231 (10,990) (15,158)	December 31, 2022 December 31, 2022 ¥ 133,082 ¥ 335 335 133,417 1,548 134,965 3,231 (10,990) (15,158)	

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.

Geographic information:

Net sales determined by customer location for the nine months ended December 31, 2022 and 2021 are as follows:

	Millions of yen							
	Nine months ended December 31, 2022							
		ruction, Mining ility Equipment	Reta	Retail Finance Industrial Machinery and Others			Total	
Japan	¥	226,686	¥	2,035	¥	58,003	¥	286,724
The Americas		1,011,697		35,463		19,414		1,066,574
Europe and CIS		311,216		5,303		10,741		327,260
China		62,591		1,596		11,198		75,385
Asia (excluding Japan and China)								
and Oceania		561,959		5,683		25,824		593,466
Middle East and Africa		189,040		503		280		189,823
Total	¥	2,363,189	¥	50,583	¥	125,460	¥	2,539,232

				Million	s of yen			
	Nine months ended December 31, 2021							
		ruction, Mining ility Equipment	Reta	il Finance		ial Machinery d Others		Total
Japan	¥	222,716	¥	1,549	¥	54,603	¥	278,868
The Americas		711,198		30,242		15,928		757,368
Europe and CIS		310,959		4,014		9,343		324,316
China		71,192		2,251		25,348		98,791
Asia (excluding Japan and China)								
and Oceania		392,113		5,152		24,966		422,231
Middle East and Africa		132,490		357		256		133,103
Total	¥	1,840,668	¥	43,565	¥	130,444	¥	2,014,677

Net sales determined by customer location for the three months ended December 31, 2022 and 2021 are as follows:

		Millions of yen							
		Three months ended December 31, 2022							
		iction, Mining ity Equipment	Reta	il Finance		ial Machinery d Others		Total	
Japan	¥	86,095	¥	418	¥	18,533	¥	105,046	
The Americas		373,653		12,406		7,531		393,590	
Europe and CIS		105,750		1,657		4,423		111,830	
China		23,375		456		3,595		27,426	
Asia (excluding Japan and China)									
and Oceania		202,329		1,974		8,489		212,792	
Middle East and Africa		69,498		221		94		69,813	
Total	¥	860,700	¥	17,132	¥	42,665	¥	920,497	
1 Otal	+	300,700		17,132		72,003	+	720,477	

	Millions of yen Three months ended December 31, 2021							
		uction, Mining lity Equipment		il Finance	Industri	ial Machinery d Others		Total
Japan	¥	86,593	¥	759	¥	21,472	¥	108,824
The Americas		257,449		9,831		5,179		272,459
Europe and CIS		101,953		1,588		3,929		107,470
China		21,013		707		10,515		32,235
Asia (excluding Japan and China)								
and Oceania		148,359		1,598		8,471		158,428
Middle East and Africa		43,668		176		17		43,861
Total	¥	659,035	¥	14,659	¥	49,583	¥	723,277

Net sales determined by geographic origin for the nine months ended December 31, 2022 and 2021 are as follows:

	1	Millions of yen
	Nine months end December 31, 20	
Japan	¥ 481,4	20 ¥ 423,056
The Americas	1,043,8	77 743,507
Europe and CIS	357,1	81 325,464
China	69,3	34 88,275
Others	587,4	20 434,375
Total	¥ 2,539,2	32 ¥ 2,014,677

Net sales determined by geographic origin for the three months ended December 31, 2022 and 2021 are as follows:

		Millions of yen					
		Three months ended December 31, 2022			nonths ended aber 31, 2021		
Japan	¥	¥	176,094	¥	164,428		
The Americas			384,756		268,067		
Europe and CIS			118,912		107,078		
China			25,558		28,443		
Others			215,177		155,261		
Total	¥	¥	920,497	¥	723,277		

There were no sales to a single major external customer for the nine months and three months ended December 31, 2022 and 2021.

21. Material Subsequent Events

Not applicable.

Komatsu evaluated subsequent events through February 13, 2023, the issue date of its quarterly consolidated financial statements.

22. Terminology, Forms and Preparation Methods of Quarterly Consolidated Financial Statements

The terminology, forms and preparation methods of the Company's quarterly consolidated financial statements are in accordance with U.S. GAAP.

The main differences between quarterly consolidated financial statements prepared in accordance with U.S. GAAP and those prepared in accordance with the Accounting Standards for Quarterly Consolidated Financial Statements and the Ordinance on Terminology, Forms and Preparation Methods of Quarterly Consolidated Financial Statements of Japan (hereinafter "J. GAAP") are as follows.

(1) Scope of consolidation

For quarterly consolidated financial statements in accordance with J. GAAP, the scope of consolidation is determined on an effective control and influence basis. For quarterly 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 as a deduction item from capital surplus as expenses incidental to capital transactions in its quarterly 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 quarterly 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 quarterly consolidated financial statements in accordance with U.S. GAAP.

b. Extraordinary income or 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 quarterly consolidated financial statements.