

Consolidated Financial Results for the Fiscal Year Ended December 31, 2022 under IFRS

Company Name	THK CO., LTD.
Head Office	Tokyo, Japan (Tel: +81-3-5730-3911)
URL	https://www.thk.com/
Stock exchange listing	Tokyo Stock Exchange Prime Market
Code number	6481
Representative	Akihiro Teramachi, President and CEO
Contact	Kenji Nakane, Executive Officer, General Manager of Finance and Accounting Department
Date of the ordinary general meeting of shareholders	March 18, 2023
Scheduled date of commencing dividend payments	March 20, 2023
Date of filing the Securities Report (Japanese version only)	March 20, 2023

1. Consolidated Operating Results and Financial Position as of and for the Fiscal Year Ended December 31, 2022 (January 1, 2022 to December 31, 2022)

(1) Consolidated Operating Results

Year Ended December 31	Reven (Millions o		Operating I (Millions of		Profit Befor (Millions of		Profit Attribu Owners of th (Millions o	e Parent	Total Compr Incor (Millions o	ne
2022	¥393,687	23.7%	¥34,460	13.8%	¥35,596	18.7%	¥21,198	(7.9)%	¥42,369	(11.6)%
2021	318,188	45.3	30,268	_	29,984	_	23,007	-	47,934	_
Year Ended December 31	Basic Earni Share (\	01	Diluted Earn Share (Y	01	Profit Ratio to Attributab Owners of the	le to	Profit Befo Ratio to Tota		Operating	Margin
2022		¥172.67		_		6.7%		6.6%		8.8%
2021		181.97		_		8.1		6.1		9.5
(For Referen	ce) Share of pro using the ed			ited for	Year ended Year ended		- , -		9 million 3 million	

(2) Consolidated Financial Position

 As of December 31	Total Assets (Millions of Yen)	Total Equity (Millions of Yen)	Equity Attributable to Owners of the Parent (Millions of Yen)	Ratio of Equity Attributable to Owners of the Parent	Equity Attributable to Owners of the Parent per Share (Yen)
 2022	¥560,304	¥337,281	¥331,887	59.2%	¥2,707.51
2021	516,086	314,289	304,555	59.0	2,442.90

(3) Consolidated Cash Flows

Year E Decem		Net Cash Flows from Operating Activities (Millions of Yen)	Net Cash Flows from Investing Activities (Millions of Yen)	Net Cash Flows from Financing Activities (Millions of Yen)	Cash and Cash Equivalents at the End of Year (Millions of Yen)
202	22	¥37,561	¥(30,081)	¥(3,649)	¥163,835
202	21	15,643	(19,125)	(12,725)	151,430

2. Dividends

		Divi	dend Per Share (Y	′en)	
	First Quarter end	Second Quarter end	Third Quarter end	Year/Period end	Total
Year ended December 31, 2021 (Actual)	¥—	¥20.50	¥—	¥39.50	¥60.00
Year ended December 31, 2022 (Actual)	—	37.00	—	50.00	87.00
Year ending December 31, 2023 (Projected)	_	_	_	_	_
	Total Amour Dividends fo Year/Perio (Millions of Y	r the od	Payout Ratio (Consolidated)	Cash Div Equity Attri Owners of (Consol	butable to the Parent
Year ended December 31, 2021 (Actual)		¥7,519)%	2.6%
Year ended December 31, 2022 (Actual)		10,664	50.	4	3.4
Year ending December 31, 2023 (Projected)	n/a		_		n/a

(Note) Dividends for the year ended December 31, 2021 consist of the following ordinary and the 50th anniversary commemorative dividends:

	Ordinary	Commemorative
Interim dividend:	¥18.00	¥2.50
Year-end dividend:	¥37.00	¥2.50

THK's basic dividend policy is to set its payout ratio at 30% on a consolidated basis. The amounts of dividends for the year ending December 31, 2023 are planned to be determined in accordance with this plan and will be announced as soon as they are determined.

3. Forecasts for the Year Ending December 31, 2023 (January 1, 2023 to December 31, 2023)

	Reven (Millions o		Operating (Millions o		Profit Befo (Millions o		Profit Attribu Owners of th (Millions of	e Parent	Profit per Share (Yen)
Six-month period ending June 30, 2023	¥174,700	(6.4)%	¥12,500	(40.2)%	¥13,300	(40.3)%	¥9,400	(34.6)%	¥76.68
Year ending December 31, 2023	360,000	(8.6)	30,000	(12.9)	31,600	(11.2)	22,400	5.7	182.74

Other Financial Information

(3)

(1) Significant change in scope of consolidation: None

(2) Changes in accounting policy and estimates, and restatement due to:

)	Nun	a. Changes in accounting standardsb. Other changesc. Changes in accounting estimatesnber of shares	None None None	
	a.	Common stock issued, including treasury		(shares)
	u.	stock, as of:	December 31, 2022	129,856,903
			December 31, 2021	129,856,903
	b.	Treasury stock as of:	December 31, 2022	7,276,353
			December 31, 2021	5,187,536
	C.	Average number of common stock for the		
		year ended:	December 31, 2022	122,765,128
			December 31, 2021	126,434,949

For Reference: Outline of Non-consolidated Financial Statements under Japanese GAAP

1. Non-Consolidated Operating Results and Financial Position as of and for the Year Ended December 31, 2022 (January 1, 2022 to December 31, 2022)

(1) Operating Results

Year Ended (Millions of Yen)	Reven	ue	Operati Incom	0	Ordina Incon	,	Net Inc	ome
December 31, 2022	¥197,624	17.9 %	¥25,722	53.9 %	¥35,105	60.2 %	¥6,094	(66.8) %
December 31, 2021	167,583	62.9	16,718	_	21,914	934.6	18,348	—

(Note) Effective January 1, 2022, THK adopted ASBJ Statement No. 29, "Accounting Standard for Revenue Recognition" issued on March 31, 2020. In relation to the adoption of new accounting standard, net sales are currently presented as revenue.

Year Ended March 31	Net Income	Net Income
(Yen)	Per Share-Basic	Per Share-Diluted
December 31, 2022	¥49.64	¥ —
December 31, 2021	145.12	_

(2) Financial Position

	Total Assets (Millions of Yen)	Net Assets (Millions of Yen)	Net Worth Ratio (%)	Net Assets Per Share (Yen)
As of December 31, 2022	¥399,875	¥230,001	57.5 %	¥1,876.28
As of December 31, 2021	397,066	239,760	60.4	1,923.12

(Note) Net worth ratio is defined as net worth divided by total assets. Net worth consists of shareholders' equity and adjustment/valuation items in net assets.

Net worth	As of December 31, 2022:	¥230,001 million
	As of December 31, 2021:	239,760 million

2. Non-Consolidated Forecasts for the Year Ending December 31, 2023 (January 1, 2023 to December 31, 2023)

	Reven (Millions o		Operat Incor (Millions c	me	Ordina Incon (Millions c	ne	Net Inc (Millions		Net Income per Share(Yen)
Six-month period ending June 30, 2023	¥76,000	(20.8)%	¥4,100	(64.2)%	¥11,300	(44.5)%	¥9,800	(38.7)%	¥79.95
Year ending December 31, 2023	157,500	(20.3)	10,100	(60.7)	18,100	(48.4)	14,700	141.2	119.92

Management's Discussion and Analysis

1. Outline of operating results

(1) Operating results (from January 1, 2022 to December 31, 2022)

In this fiscal year, while there were strong uncertainties remaining in the outlook for the global economy due to the worldwide COVID-19 pandemic; however, the recovery trend continued in the economies in China and other regions including developed countries.

The THK Group has identified "Full-Scale Globalization," the "Development of New Business Areas," and "Change in Business Style" as cornerstones of its growth strategy to expand the markets of its products such as LM Guide (Linear Motion Guide). As to Full-Scale Globalization, while the markets in emerging countries such as China are growing by dint of the factory automation progress, which is also spreading to developed-country users, the THK Group endeavors to expand its global sales network to meet such demand. Regarding Development of New Business Areas, while the THK Group's products are getting widely adopted in various business fields, the THK Group is working on expanding sales of not only existing products but also new developed products. Such business fields include automobile parts, medical equipment, aircraft, and robot, which are close to consumer goods, as well as seismic isolation and damping systems and renewable energy, which offer products that reduce risks arising from natural disasters and climate change. In addition to promoting these strategies above, the THK Group is also committed to further expand its business fields by changing its business style enabled by making full use of AI and robot technologies in many ways.

In the industrial machinery business, while demand for products related to semiconductor, automation, robotization, and electric vehicles was robust across the board in China and other regions, the THK Group captured such demand and successfully increased revenue by utilizing various measures to improve its productivity and plant expansion that the THK Group has implemented. On the other hand, in the transportation equipment business, the impact of the automobile production cutbacks continued due to shortages in semiconductors and other components, as well as parts procurement difficulties caused by the lockdowns in some regions of China and the situation in Ukraine. As a result, along with the depreciation of yen, consolidated revenue amounted to ¥393,687 million, up ¥75,498 million, or 23.7%, compared to the figure a year earlier.

On the cost front, the cost to revenue ratio improved by 1.6% from a year earlier to 73.3% because of the increased revenue and the depreciation of yen, as well as the various activities to improve its productivity that THK Group has implemented.

Selling, general and administrative expenses amounted to ¥58,991 million, up ¥8,003 million, or 15.7%, compared to the figure a year earlier due mainly to the increased sales. The ratio to revenue improved by 1.0% from a year earlier to 15.0% because of the THK Group's endeavors to contain costs and improve operating efficiency as well as the increased sales.

In addition, the THK Group recorded ¥4,021 million of impairment losses of non-current assets as other expenses, as a result of performing tests of impairment in accordance with IFRS for certain non-current assets of consolidated subsidiaries that engage in the transportation equipment business. The indication of impairment for such assets were attributable to decrease in revenue due to the difficulty in procurement of semiconductors and other parts by automobile manufacturers, who are customers of the THK Group, and production cutbacks in some regions in China as a result of the lockdowns, as well as decline in profitability due to the rising steel and energy prices.

Moreover, the THK Group recorded ¥9,620 million of impairment losses of goodwill and intangible assets associated with

the transportation equipment business operated by overseas subsidiaries, as a result of performing tests of impairment in accordance with IFRS, owing to the rise in the discount rate corresponding to the hike in the interest rate due to the monetary tightening policies of various countries amid the continued global rise in prices.

As a result, operating income amounted to ¥34,460 million, up ¥4,191 million, or 13.8%, compared to the figure a year earlier. However, operating income margin dropped by 0.7% from a year earlier to 8.8%.

Finance income and finance costs were ¥3,335 million and ¥2,199 million, respectively.

As a result, income before tax amounted to ¥35,596 million, up ¥5,612 million, or 18.7%, compared to the figure a year earlier. However, profit for the period attributable to owners of the parent amounted to ¥21,198 million, down ¥1,808 million, or 7.9%, compared to the figure a year earlier.

(2) Operating results by segment

(Japan)

In the industrial machinery business in Japan, demand was strong across the board, particularly in electronics products. In such a situation, the THK Group stably captured such demand and successfully increased revenue by utilizing various measures to improve its productivity that the THK Group has implemented. As a result, revenue amounted to ¥144,189 million, up ¥20,816 million, or 16.9%, compared to the figure a year earlier. Operating income (segment income) amounted to ¥17,014 million, down ¥5,248 million, or 23.6%, compared to the figure a year earlier. This was attributable to the following: (a) ¥1,286 million of impairment losses of non-current assets as other expenses recorded by THK RHYTHM CO., LTD., a subsidiary that engages in the transportation equipment business; and (b) loss on write-down of investments in subsidiaries' stock.

(The Americas)

In the industrial machinery business in the Americas, demand was strong across the board, particularly in electronics products. In such a situation, the THK Group stably captured such demand and successfully increased revenue by utilizing various measures to improve its productivity that the THK Group has implemented. As a result, revenue amounted to ¥80,855 million, up ¥23,634 million, or 41.3%, compared to the figure a year earlier. Despite of the increased revenue, the THK Group recorded operating loss (segment loss) of ¥2,351 million, which worsened by ¥1,217 million compared to the figure a year earlier (operating loss of ¥1,134 million). This was because THK RHYTHM NORTH AMERICA CO., LTD., a subsidiary that engages in the transportation equipment business, recorded ¥2,094 million of impairment losses of non-current assets as other expenses.

(Europe)

In the industrial machinery business in Europe, while demand was strong across the board, the THK Group stably captured such demand and successfully increased revenue by utilizing various measures to improve its productivity that the THK Group has implemented. As a result, revenue amounted to ¥62,715 million, up ¥12,467 million, or 24.8%, compared to the figure a year earlier. Despite of the increased revenue, the THK Group recorded operating loss (segment loss) of ¥9,684 million, which worsened by ¥8,347 million compared to the figure a year earlier (operating loss of ¥1,337 million). This was attributable to ¥9,620 million of impairment losses of goodwill and intangible assets recorded as other expenses associated with THK RHYTHM AUTOMOTIVE CZECH a.s., a subsidiary that engages in the transportation equipment business.

(China)

In China, while demand was strong across the board, the THK Group captured such demand and successfully increased revenue by utilizing various measures to improve its productivity that the THK Group has implemented. As a result, revenue amounted to ¥83,312 million, up ¥16,239 million, or 24.2%, compared to the figure a year earlier. Operating income (segment income) amounted to ¥13,773 million, up ¥4,314 million, or 45.6%, compared to the figure a year earlier due mainly to the increased revenue, despite that THK RHYTHM (CHANGZHOU) CO., LTD., a subsidiary that engages in the transportation equipment business, recorded ¥1,009 million of impairment losses of non-current assets as other expenses.

(Other)

In other countries and regions, the THK Group continued to expand and deepen transactions with existing customers and to cultivate new customers while demand for THK Group's products was widely expanded in India and the ASEAN countries. In addition, the recovery of demand in China favorably affected the THK Group's revenue in some countries. As a result, revenue amounted to ¥22,614 million, up ¥2,340 million, or 11.5%, compared to the figure a year earlier. Operating income (segment income) amounted to ¥2,861 million, up ¥582 million, or 25.6%, compared to the figure a year earlier due mainly to the increased revenue, despite that THK RHYTHM MALAYSIA Sdn. Bhd., a subsidiary that engages in the transportation equipment business, recorded ¥12 million of impairment losses of non-current assets as other expenses.

2. Financial position (as of December 31, 2022)

Total assets stood at \pm 560,304 million, \pm 44,218 million more than the previous fiscal year-end, due mainly to a combined effect of decrease in goodwill and intangible assets by \pm 9,423 million and increase in (1) cash and cash equivalents by \pm 12,404 million, (2) trade and other receivables by \pm 10,372 million, (3) inventories by \pm 13,252 million, and (4) property, plant and equipment by \pm 14,206 million.

Total liabilities stood at ¥223,023 million, ¥21,226 million more than the previous fiscal year-end, due mainly to a combined effect of decrease in (1) income taxes payable by ¥795 million and (2) net defined benefit liabilities by ¥1,445 million and increase in (1) trade and other payables by ¥1,647 million and (2) bonds and borrowings by ¥19,119 million.

Total equity stood at ¥337,281 million, ¥22,991 million more than the previous fiscal year-end, due mainly to a combined effect of decrease owing to purchase of treasury stock by ¥5,922 million, decrease in non-controlling interests by ¥4,340 million, and increase in (1) retained earnings by ¥12,333 million and (2) other components of equity by ¥21,240 million.

For reference: Cash Flow Indices (Consolidated)

	Year ended December 31						
	2018	2019	2020	2021	2022		
Ratio of equity attributable to shareholders of the parent (%)	59.0	59.8	57.9	59.0	59.2		
Ratio of equity attributable to shareholders of the parent at market value (%)	58.6	84.7	96.9	69.8	58.3		
Interest-bearing Debt /Operating Cash Flow (years)	1.4	3.8	4.5	7.2	3.5		
Operating Cash Flow /Interest Paid (times)	156.7	69.6	68.8	48.6	109.0		

3. Outlook

Considering the latest demand situation in the industrial machinery business that has been lower than the previous fiscal year, THK expects ¥360,000 million of revenue for the year ending December 31, 2023. In terms of profit or loss, despite of various activities to improve its profitability, THK expects ¥30,000 million of operating income, ¥31,600 million of profit before tax, and ¥22,400 million of profit for the year attributable to the owners of the parent due to a decrease in revenue.

Year ending December 31, 2023 (Consolidated)

	Millions of Yen	Component Ratio	Percentage Change
Revenue	¥360,000	100.0%	(8.6)%
Operating income	30,000	8.3	(12.9)
Profit before tax	31,600	8.8	(11.2)
Profit attributable to owners of the parent	22,400	6.2	5.7

The average exchange rates used for the calculation of the forecasts are as follows:

U.S. dollar 1=¥130.00 Euro 1=¥140.00

4. Basic policies regarding distribution of profits and dividends

Not only its basic policy which is to provide shareholders with stable and continuous dividends, THK also places priority on providing shareholders with proactive distribution of profit befitting operating results, simultaneously strengthening its financial soundness by securing internal reserve. According to this policy, THK sets its payout ratio on a consolidated basis at 30% and a minimum dividend for a fiscal year at ¥15.00 per share (¥7.5 per share for both interim dividend and year-end dividend). THK plans to make effective use of internal reserve by investing it to research and development activities, production facilities, and IT systems, to respond globalization.

However, THK has decided to pay the year-end dividend of ¥50.0 per share, considering the operating results for the year ended December 31, 2022 that were affected by the external operating environment. As a result, cash dividends applicable for the year ended December 31, 2022 will be ¥87.0 per share, including the interim dividends of ¥37.0 per share.

The amounts of dividends for the year ending December 31, 2023 will be announced as soon as they are determined.

Consolidated Financial Statements

Consolidated Statements of Financial Position

		(Millions of Yen)
	As of December 31, 2021	As of December 31, 2022
Assets:		
Current assets:		
Cash and cash equivalents	¥151,430	¥163,835
Trade and other receivables	86,293	96,665
Inventories	64,378	77,630
Other financial assets	0	1,500
Other current assets	11,818	13,309
Total current assets	313,922	352,942
Non-current assets:		
Property, plant and equipment	158,135	172,342
Goodwill and intangible assets	18,744	9,321
Investments accounted for using the equity method	6,048	6,814
Other financial assets	10,388	10,571
Deferred tax assets	5,530	5,305
Net defined benefit asset	3,224	2,926
Other non-current assets	90	80
Total non-current assets	202,163	207,361
Total assets	516,086	560,304

		(Millions of Yen)
	As of December 31, 2021	As of December 31, 2022
Liabilities and equity:		
Liabilities:		
Current liabilities:		
Trade and other payables	¥49,984	¥51,631
Bonds and borrowings	2,545	22,961
Other financial liabilities	2,931	3,732
Provisions	341	129
Income taxes payable	7,964	7,169
Other current liabilities	14,831	17,538
Total current liabilities	78,599	103,162
Non-current liabilities:		
Bonds and borrowings	99,212	97,917
Other financial liabilities	10,128	9,130
Net defined benefit liabilities	5,701	4,256
Provisions	189	179
Deferred tax liabilities	5,396	5,939
Other non-current liabilities	2,569	2,437
Total non-current liabilities	123,197	119,860
Total Liabilities		223,023
Equity		
Common stock	34,606	34,606
Capital surplus	40,413	40,094
Retained earnings	233,607	245,941
Treasury stock	(11,237)	(17,160)
Other components of equity	7,165	28,406
Total equity attributable to owners of the parent	304,555	331,887
Non-controlling interests	9,733	5,393
Total Equity	314,289	337,281
Total liabilities and equity	516,086	560,304

		(Millions of Yen)
	Year Ended December 31, 2021	Year Ended December 31, 2022
Revenue	¥318,188	¥393,687
Cost of sales	238,434	288,398
Gross profit	79,753	105,288
Selling, general and administrative expenses	50,988	58,991
Other income	2,316	2,015
Other expenses	1,171	14,421
Share of profit in investments accounted for using the equity method	358	569
Operating income	30,268	34,460
Financial income	2,145	3,335
Financial costs _	2,430	2,199
Profit before tax	29,984	35,596
Income tax expense	6,820	14,785
Profit for the year =	23,164	20,811
Attributable to:		
Owners of the parent	23,007	21,198
Non-controlling interests	157	(386)
Total =	23,164	20,811
Earnings per share:		
Basic (Yen)	181.97	172.67
Diluted (Yen)	_	_

Consolidated Statements of Profit or Loss

Consolidated Statements of Comprehensive Income

	Year Ended December 31, 2021	(Millions of Yen) Year Ended December 31, 2022
Profit for the year	¥23,164	¥20,811
Other comprehensive income		
Items that may not be reclassified subsequently to		
profit or loss:		
Financial assets measured at fair value through other comprehensive income	28	(482)
Remeasurements of defined benefit plans Share of other comprehensive losses of	2,062	649
associates accounted for using the equity method	(46)	(59
Subtotal	2,044	108
Items that may be reclassified subsequently to profit or loss:		
Exchange differences on translating foreign operations	22,601	20,937
Share of other comprehensive income of associates accounted for using the equity method	124	511
Subtotal	22,725	21,449
Other comprehensive income, net of tax	24,770	21,557
Comprehensive income =	47,934	42,369
Attributable to:		
Owners of the parent	46,696	42,086
Non-controlling interests	1,237	282
Total	47,934	42,369

Consolidated Statements of Changes in Equity

		Equity attrib	utable to owners of the p	parent	Other components of
					equity
					Exchange
Year Ended December 31, 2021					differences on
	Common stock	Capital surplus	Retained earnings	Treasury stock	translating foreign operations
Beginning balance	¥34,606	¥40,413	¥219,712	¥(14,006)	¥(16,201)
Profit for the year	_	_	23,007	_	_
Other comprehensive income					21,707
Total comprehensive income for the	_	_	23,007	_	21,707
year			23,007		21,707
Purchase of treasury stock	_	_	-	(5,088)	-
Cancellation of treasury stock	_	-	(7,857)	7,857	-
Payment of dividends	—	—	(3,543)	—	_
Transfer from other components of	_	_	2,288	_	_
equity to retained earnings			2,200		
Other					
Total transactions with owners			(9,112)	2,768	
Ending balance	34,606	40,413	233,607	(11,237)	5,506

Equity attributable to owners of the parent

Other components of equity

Financial assets

measured at fair

value through other

	comprehensive	Remeasurements of			Non-controlling	
	income	defined benefit plans	Subtotal	Total	interests	Total equity
Beginning balance	¥1,966	¥—	¥(14,235)	¥266,491	¥8,657	¥275,148
Profit for the year	_	_	_	23,007	157	23,164
Other comprehensive income	30	1,951	23,689	23,689	1,080	24,770
Total comprehensive income for the	30	1,951	23,689	46,696	1,237	47,934
year	30	1,951	23,069	40,090	1,237	47,934
Purchase of treasury stock	_	_	_	(5,088)	_	(5,088)
Cancellation of treasury stock	_	_	_	-	_	_
Payment of dividends	_	_	_	(3,543)	_	(3,543)
Transfer from other components of	(337)	(1,951)	(2,288)	_	_	_
equity to retained earnings	(007)	(1,951)	(2,200)			
Other					(161)	(161)
Total transactions with owners	(337)	(1,951)	(2,288)	(8,632)	(161)	(8,794)
Ending balance	1,658		7,165	304,555	9,733	314,289

(Millions of Yen)

(Millions of Yen)

		Equity attribu	utable to owners of the p	parent	
					Other components of equity
					Exchange
Year Ended December 31, 2022					differences on
Teal Linded December 31, 2022	Common	Capital	Retained	Treasury	translating foreign
	stock	surplus	earnings	stock	operations
Beginning balance	¥34,606	¥40,413	¥233,607	¥(11,237)	¥5,506
Profit for the year	_	_	21,198	_	_
Other comprehensive income					20,779
Total comprehensive income for the			21,198		20.770
year	_	_	21,190	_	20,779
Purchase of treasury stock	_	_	_	(5,958)	-
Disposal of treasury stock	_	3	-	36	-
Payment of dividends	_	-	(9,460)	-	-
Changes in equity interests in	_	(323)	_	_	948
subsidiaries without losing control		(323)			940
Transfer from other components of	_	_	595	_	_
equity to retained earnings					
Other					
Total transactions with owners		(319)	(8,864)	(5,922)	948
Ending balance	34,606	40,094	245,941	(17,160)	27,234

Equity attributable to owners of the parent

Other components of equity

Financial assets

measured at fair

value through other

	comprehensive	Remeasurements of			Non-controlling	
	income	defined benefit plans	Subtotal	Total	interests	Total equity
Beginning balance	¥1,658	¥—	¥7,165	¥304,555	¥9,733	¥314,289
Profit for the year	_	_	_	21,198	(386)	20,811
Other comprehensive income	(487)	595	20,888	20,888	669	21,557
Total comprehensive income for the	(107)	505	00.000	40.000	000	40.000
year	(487)	595	20,888	42,086	282	42,369
Purchase of treasury stock	-	_	-	(5,958)	_	(5,958)
Disposal of treasury stock	_	—	-	39	_	39
Payment of dividends	-	-	_	(9,460)	_	(9,460)
Changes in equity interests in	_	_	948	604	(2.965)	(2.240)
subsidiaries without losing control			940	624	(3,865)	(3,240)
Transfer from other components of	_	(505)	(505)			
equity to retained earnings		(595)	(595)	_	_	_
Other					(758)	(758)
Total transactions with owners		(595)	352	(14,754)	(4,623)	(19,377)
Ending balance	1,171		28,406	331,887	5,393	337,281

	Year Ended	Year Ended
	December 31, 2021	December 31, 2022
Cash flows from operating activities:		
Profit before tax	¥29,984	¥35,596
Depreciation and amortization	18,748	20,834
Impairment losses	_	13,641
Change in net defined benefit assets and liabilities	63	(413
Financial income	(2,145)	(3,335
Financial costs	1,719	1,086
Share of profit in investments accounted for using the equity method	(358)	(569
Increase in trade and other receivables	(24,898)	(9,481
Increase in inventories	(14,196)	(9,714
Increase in trade and other payables	10,601	2,477
Other	(958)	491
Subtotal	18,559	50,613
Interests and dividends received	622	1,109
Interests paid	(322)	(331
Income taxes paid	(3,216)	(13,830
Net cash flows from operating activities	15,643	37,561
Cash flows from investing activities:		01,00
Purchase of property, plant and equipment	(19,248)	(29,407
Proceeds from sales of property, plant and equipment	46	435
Purchase of other financial assets	(215)	(551
Proceeds from sales of other financial assets	507	10
Other	(215)	(568
Net cash flows from investing activities	(19,125)	(30,081
Cash flows from financing activities:	(10,120)	(00,001
Repayments of long-term borrowings	(2,185)	(2,185
Proceeds from issuance of bonds	(_, , _	20,000
Purchase of treasury stock	(5,088)	(5,958
Dividends paid	(3,568)	(9,582
Dividends paid to non-controlling shareholders	(98)	(766
Repayments of lease obligations	(1,785)	(1,916
Payments for acquisition of interests in subsidiaries from non- controlling shareholders	()) _	(3,240
Net cash flows from financing activities	(12 725)	(3.640
Effects of exchange rate changes on cash and cash equivalents	(12,725) 8,799	(3,649 8,573
Net increase (decrease) in cash and cash equivalents		12,404
	(7,408) 158 830	
Cash and cash equivalents at the beginning of the year Cash and cash equivalents at the end of the year	<u> </u>	<u>151,430</u> 163,835

Notes to Consolidated Statements of Profit or Loss

Impairment of Non-financial Assets

For the year ended December 31, 2021 (January 1, 2021 to December 31, 2021)

Not applicable.

For the year ended December 31, 2022 (January 1, 2022 to December 31, 2022)

1. Impairment losses

The THK group classifies its assets into asset groups based on cash-generating unit which is the smallest identifiable group of assets that generates independent cash inflows.

Impairment losses, which are included in other expenses in the consolidated statement of profit or loss, for the year ended December 31, 2022 were as follows:

			(Millions of Yen)
Subsidiary	Location	Type of Assets	Impairment Loss
THK RHYTHM CO., LTD.	Minami-ku, Hamamatsu-city, Shizuoka, Japan	Operating assets: Machinery and vehicles	¥1,286
	Sparta, Tennessee, USA	Operating assets:	
AMERICA CO., LTD.		Buildings and structures	12
		Machinery and vehicles	1,757
		Furniture and fixtures	34
		Others	8
THK RHYTHM (CHANGZHO CO., LTD.	^{U)} Changzhou, Jiangsu, China	Operating assets:	000
THK RHYTHM MALAYSIA Sdn. Penang, Malaysia		Machinery and vehicles	908
Bhd.	renany, walaysia	Operating assets: <u>Machinery and vehicles</u>	12_
Total			¥4,021

The carrying amount of the operating assets in the table above was written down to the recoverable amount because the investments in such assets were not considered to be recoverable due to decline of profitability. As a result, the THK group recorded ¥4,021 million of impairment loss as other expenses for the year ended December 31, 2022. The recoverable amount of such assets was measured at its fair value less cost to sell and principally based on real estate appraisal value. The fair value hierarchy of these assets is Level 3.

2. Impairment losses

Goodwill arising from business combinations are allocated to cash-generating unit to which the business combination will benefit as of the date of business combination.

Impairment losses of goodwill and intangible assets, which are included in other expenses in the consolidated statement of profit or loss, for the year ended December 31, 2022 were as follows:

			(Millions of Yen)
Subsidiary	Location	Type of Assets	Impairment Loss
THK RHYTHM AUTOMOTIVE CZECH a.s.	Dacice, Czech	Goodwill	¥5,361
		Customer-related assets	4,259
Total			¥9,620

For goodwill associated with the transportation equipment business operated by overseas subsidiaries, the Group performs a test of impairment annually in accordance with IFRS. The recoverable amount of goodwill is measured at its value in use. Value in use is determined by discounting the estimated future cash flows to their present value based on the business plan and growth rate for the following five years approved by management that were prepared by reflecting past experiences and external information. The discount rates used in determining value in use are based on the pretax weighted-average cost of capital of the cash-generating unit or the group of cash-generating unit.

In the current fiscal year, the Group recorded ¥9,620 million of impairment losses of goodwill and intangible assets associated with THK RHYTHM AUTOMOTIVE CZECH a.s. This was attributable to the rise in the discount rate used in the impairment test of goodwill as a result of the hike in the interest rate due to the monetary tightening policies of various countries amid the continued global rise in prices. The fair value hierarchy of these assets is Level 3.

Segment Information

1. Outline of reportable segments

THK's reportable segments are components of THK Group for which respective financial information is separately available. Operating results of each segment is reviewed periodically by the Board of Directors to determine allocation of operating resources and evaluate its performance.

THK Group's main products are machinery parts such as LM (linear motion) guides and ball screws, and transportation equipment-related parts such as link balls and suspension ball joints. In each country, local subsidiaries establish their comprehensive business strategies and conduct their business activities in a similar way that THK and domestic subsidiaries do in Japan.

Therefore, the reportable segments consist of the five geographical segments, namely; (1) Japan, (2) The Americas (the United States and others), (3) Europe (Germany, France and others), (4) China, and (5) Other (Taiwan, Singapore and others) based on the THK Group's production/sales structure.

Segment income is computed based on operating income. The reportable segment information is prepared under the same accounting policies as those used in consolidation. Inter-segment sales and transfer are stated at amounts based on their fair market values. All adjustments in the following tables are intersegment elimination on consolidation.

2. Reportable segments

		•	•				(Mill	ions of Yen)
		The					Adjust	Consoli
	Japan	Americas	Europe	China	Other	Total	-ments	-dated
Revenue:								
Sales to customers	¥123,373	¥57,220	¥50,247	¥67,072	¥20,274	¥318,188	¥—	¥318,188
Inter-segment	69,263	79	200	2,565	2,759	74,868	(74,868)	_
Total	192,636	57,299	50,448	69,638	23,033	393,056	(74,868)	318,188
Segment income (loss)	22,262	(1,134)	(1,337)	9,459	2,278	31,529	(1,260)	30,268
Financial income	5,719	2	1,532	483	32	7,770	(5,625)	2,145
Financial costs	1,700	189	607	19	95	2,612	(182)	2,430
Profit (loss) before tax	26,280	(1,321)	(411)	9,923	2,216	36,688	(6,703)	29,984
Segment assets	440,575	80,456	105,001	90,651	31,307	747,992	(231,906)	516,086
Other items:								
Depreciation and amortization Investments	7,537	3,279	2,708	4,166	746	18,438	(331)	18,106
accounted for using the equity method	6,048	_	_	_	_	6,048	_	6,048
Share of profit in								
investments	250					250		050
accounted for using	358	_	_	-	—	358	_	358
the equity method Capital expenditures	1,645	877	769	298	97	3,689		3,689

For the year ended December 31, 2021 (January 1, 2021 to December 31, 2021)

(Note) All adjustments are intercompany elimination.

-		•	•				(Mill	ions of Yen)
		The					Adjust	Consoli
	Japan	Americas	Europe	China	Other	Total	-ments	-dated
Revenue:								
Sales to customers	¥144,189	¥80,855	¥62,715	¥83,312	¥22,614	¥393,687	¥—	¥393,687
Inter-segment	79,270	253	453	5,443	4,265	89,687	(89,687)	_
Total	223,459	81,109	63,169	88,755	26,880	483,374	(89,687)	393,687
Segment income (loss)	17,014	(2,351)	(9,684)	13,773	2,861	21,613	12,847	34,460
Financial income	7,654	546	732	700	53	9,688	(6,352)	3,335
Financial costs	941	264	1,644	25	173	3,048	(849)	2,199
Profit (loss) before tax	23,727	(2,069)	(10,595)	14,449	2,741	28,252	7,344	35,596
Segment assets	451,156	91,454	107,745	100,490	38,251	789,098	(228,794)	560,304
Other items:							· · ·	
Depreciation and amortization	8,111	3,738	3,072	4,644	1,093	20,660	(286)	20,374
Impairment losses	1,286	2,094	9,620	1,009	12	14,024	(382)	13,641
Investments accounted for using the equity method	6,814	_	_	_	_	6,814	_	6,814
Share of profit in								
investments	500					500		500
accounted for using	569	—	_	—	—	569	_	569
the equity method Capital expenditures	2,180	786	236	232	_	3,436	_	3,436

(Note) All adjustments are intercompany elimination.

Per Share Information

	Year Ended December 31, 2021	Year Ended December 31, 2022	
Profit attributable to owners of the parent (millions of yen)	¥23,007	¥21,198	
Weighted-average number of issued shares (thousands of shares)	126,434	122,765	
Basic earnings per share (yen)	181.97	172.67	

(Note)THK did not have any shares with potentially-dilutive effects for the years ended December 31, 2021 and 2022.

Subsequent event

Not applicable

Appointment/resignation of directors (Scheduled effective date: March 18, 2023)

1. Appointment/resignation of representative

Not applicable

2 Director to be newly nominated

<u>Name</u>	Current position					
Kenji Nakane	Executive Officer					
	General Manager of Finance & Accounting Department, Corporate Strategy Headquarters					

3、 Director to retire

Name Junichi Sakai Director Current position

<u>Scheduled position</u> <u>after retirement</u> Advisor

Additional notes:

All the figures in this report except per share information are rounded down to the nearest million.

This information is summarized and translated from the original Japanese version submitted to the Tokyo Securities Exchange in accordance with its disclosure rules and presentation manners, which are different from those applied in the annual reports of THK due to reclassification and rearrangement made therein. This English translation is intended solely for the convenience of readers, and not intended in any way to substitute or replace the original Japanese version. If there is any discrepancy between the original Japanese version and this translation, the original Japanese version shall supersede all information in this translation. All the figures in this report are unaudited.