



FINANCIAL REPORT

2022

Asahi Group Holdings, Ltd.

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Consolidated Statement of Financial Position

Asahi Group Holdings, Ltd. and Consolidated Subsidiaries
As of December 31, 2021 and December 31, 2022

Millions of yen

	Notes	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Assets			
Current assets			
Cash and cash equivalents	7	52,743	37,438
Trade and other receivables	8 31	395,974	415,676
Inventories	9	200,828	234,969
Income tax receivables		2,232	7,354
Other financial assets	13	7,119	10,028
Other current assets	14	34,081	32,062
Subtotal		692,980	737,529
Assets held for sale	10	7,196	—
Total current assets		700,176	737,529
Non-current assets			
Property, plant and equipment	11	818,398	834,721
Goodwill and intangible assets	12	2,819,634	3,027,929
Investments accounted for using equity method	37	6,640	6,722
Other financial assets	13	126,295	125,780
Deferred tax assets	28	34,549	54,888
Net defined benefit assets	18	23,981	24,004
Other non-current assets	14	18,071	18,767
Total non-current assets		3,847,572	4,092,815
Total assets		4,547,748	4,830,344

See accompanying notes.

Millions of yen

	Notes	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Liabilities and equity			
Liabilities			
Current liabilities			
Trade and other payables	15	531,573	591,869
Bonds and borrowings	16 31 34	423,652	367,267
Income tax payables		36,841	30,906
Provisions	19	13,253	14,103
Other financial liabilities	16	111,585	135,983
Other current liabilities	20	125,985	125,816
Total current liabilities		1,242,891	1,265,946
Non-current liabilities			
Bonds and borrowings	16 31 34	1,172,551	1,130,042
Net defined benefit liabilities	18	24,053	20,349
Deferred tax liabilities	28	203,579	213,494
Other financial liabilities	16	139,194	131,792
Other non-current liabilities	19 20	6,330	5,774
Total non-current liabilities		1,545,709	1,501,452
Total liabilities		2,788,600	2,767,399
Equity			
Issued capital	21	220,044	220,044
Share premium	21	161,731	161,793
Retained earnings	21	1,064,644	1,165,542
Treasury shares	21	(923)	(1,178)
Other components of equity		311,607	514,532
Total equity attributable to owners of parent		1,757,104	2,060,734
Non-controlling interests		2,043	2,210
Total equity		1,759,148	2,062,945
Total liabilities and equity		4,547,748	4,830,344

See accompanying notes.

Consolidated Statement of Profit or Loss

Asahi Group Holdings, Ltd. and Consolidated Subsidiaries
For the years ended December 31, 2021 and 2022

	Notes	Millions of yen	
		Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Revenue	24	2,236,076	2,511,108
Cost of sales		(1,383,195)	(1,589,272)
Gross profit		852,881	921,835
Selling, general and administrative expenses	25	(634,940)	(678,018)
Other operating income	26	46,055	16,850
Other operating expense	12 26	(52,096)	(43,619)
Operating profit		211,900	217,048
Finance income	27	5,754	5,498
Finance costs	27	(18,516)	(17,221)
Share of profit (loss) of investments accounted for using equity method	37	687	667
Profit before tax		199,826	205,992
Income tax expense	28	(46,003)	(54,275)
Profit		153,823	151,717
Profit attributable to:			
Owners of parent		153,500	151,555
Non-controlling interests		322	162
Total		153,823	151,717
Basic earnings per share (Yen)	29	302.92	299.10
Diluted earnings per share (Yen)	29	302.89	299.06

See accompanying notes.

Consolidated Statement of Comprehensive Income

Asahi Group Holdings, Ltd. and Consolidated Subsidiaries
For the years ended December 31, 2021 and 2022

	Notes	Millions of yen	
		Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Profit		153,823	151,717
Other comprehensive income			
Items that will not be reclassified to profit or loss			
Changes in fair value of financial instruments measured at fair value through other comprehensive income	30	(8,080)	(991)
Remeasurements of defined benefit plans	18 30	4,607	3,776
Items that might be reclassified to profit or loss			
Cash flow hedges	30 31	5,071	(2,865)
Costs of hedging	30 31	172	122
Translation differences on foreign operations	30	139,707	209,867
Share of other comprehensive income of entities accounted for using equity method	30	319	155
Total other comprehensive income	30	141,799	210,063
Total comprehensive income		295,622	361,781
Total comprehensive income attributable to:			
Owners of parent		295,255	361,604
Non-controlling interests		366	177

See accompanying notes.

Consolidated Statement of Changes in Equity

Asahi Group Holdings, Ltd. and Consolidated Subsidiaries
For the years ended December 31, 2021 and 2022

	Notes	Millions of yen						
		Equity attributable to owners of parent				Other components of equity		
		Issued capital	Share premium	Retained earnings	Treasury shares	Changes in fair value of financial instruments measured at fair value through OCI	Remeasurements of defined benefit plans	Cash flow hedges
Balance as of January 1, 2021		220,044	161,783	967,230	(1,031)	39,605	—	2,526
Comprehensive income								
Profit				153,500				
Other comprehensive income						(8,080)	4,584	5,072
Total comprehensive income		—	—	153,500	—	(8,080)	4,584	5,072
Transfer to non-financial assets								(111)
Transactions with owners								
Dividends	22			(54,220)				
Purchase of treasury shares					(26)			
Disposal of treasury shares			0		134			
Share-based payment transaction	23		(52)					
Transfer from other components of equity to retained earnings				(1,865)		6,450	(4,584)	
Other increase (decrease)								
Total contributions by owners and distribution to owners		—	(52)	(56,085)	108	6,450	(4,584)	—
Total transactions with owners		—	(52)	(56,085)	108	6,450	(4,584)	—
Balance as of December 31, 2021		220,044	161,731	1,064,644	(923)	37,975	—	7,486

See accompanying notes.

	Notes	Millions of yen					
		Equity attributable to owners of parent			Other components of equity		
		Costs of hedging	Translation differences on foreign operations	Total other components of equity	Total equity attributable to owners of parent	Non-controlling interests	Total equity
Balance as of January 1, 2021		(773)	126,739	168,097	1,516,124	1,691	1,517,816
Comprehensive income							
Profit				—	153,500	322	153,823
Other comprehensive income		172	140,006	141,755	141,755	43	141,799
Total comprehensive income		172	140,006	141,755	295,255	366	295,622
Transfer to non-financial assets				(111)	(111)		(111)
Transactions with owners							
Dividends	22			—	(54,220)	(13)	(54,233)
Purchase of treasury shares				—	(26)		(26)
Disposal of treasury shares				—	135		135
Share-based payment transaction	23			—	(52)		(52)
Transfer from other components of equity to retained earnings				1,865	—		—
Other increase (decrease)				—	—		—
Total contributions by owners and distribution to owners		—	—	1,865	(54,163)	(13)	(54,177)
Total transactions with owners		—	—	1,865	(54,163)	(13)	(54,177)
Balance as of December 31, 2021		(601)	266,746	311,607	1,757,104	2,043	1,759,148

See accompanying notes.

Millions of yen							
Notes	Equity attributable to owners of parent				Other components of equity		
	Issued capital	Share premium	Retained earnings	Treasury shares	Changes in fair value of financial instruments measured at fair value through OCI	Remeasurements of defined benefit plans	Cash flow hedges
Balance as of January 1, 2022	220,044	161,731	1,064,644	(923)	37,975	—	7,486
Comprehensive income							
Profit			151,555				
Other comprehensive income					(991)	3,765	(2,866)
Total comprehensive income	—	—	151,555	—	(991)	3,765	(2,866)
Transfer to non-financial assets							(2,042)
Transactions with owners							
Dividends	22		(55,738)				
Purchase of treasury shares				(263)			
Disposal of treasury shares		0		8			
Share-based payment transaction	23	61					
Transfer from other components of equity to retained earnings			5,081		(1,316)	(3,765)	
Other increase (decrease)							
Total contributions by owners and distribution to owners	—	62	(50,657)	(255)	(1,316)	(3,765)	—
Total transactions with owners	—	62	(50,657)	(255)	(1,316)	(3,765)	—
Balance as of December 31, 2022	220,044	161,793	1,165,542	(1,178)	35,667	—	2,577

See accompanying notes.

Millions of yen							
Notes	Equity attributable to owners of parent				Other components of equity		
	Costs of hedging	Translation differences on foreign operations	Total other components of equity	Total equity attributable to owners of parent	Non-controlling interests	Total equity	
Balance as of January 1, 2022	(601)	266,746	311,607	1,757,104	2,043	1,759,148	
Comprehensive income							
Profit				151,555	162	151,717	
Other comprehensive income	122	210,019	210,048	210,048	15	210,063	
Total comprehensive income	122	210,019	210,048	361,604	177	361,781	
Transfer to non-financial assets							(2,042)
Transactions with owners							
Dividends	22			(55,738)	(15)	(55,753)	
Purchase of treasury shares				(263)		(263)	
Disposal of treasury shares				8		8	
Share-based payment transaction	23			61		61	
Transfer from other components of equity to retained earnings				(5,081)			
Other increase (decrease)					4	4	
Total contributions by owners and distribution to owners	—	—	(5,081)	(55,931)	(10)	(55,941)	
Total transactions with owners	—	—	(5,081)	(55,931)	(10)	(55,941)	
Balance as of December 31, 2022	(478)	476,765	514,532	2,060,734	2,210	2,062,945	

See accompanying notes.

Consolidated Statement of Cash Flows

Asahi Group Holdings, Ltd. and Consolidated Subsidiaries
For the years ended December 31, 2021 and 2022

Notes	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Cash flows from (used in) operating activities		
Profit before tax	199,826	205,992
Depreciation and amortization expenses	134,815	140,419
Impairment losses	12	18,490
Interest and dividend income	(2,880)	(2,656)
Interest expenses	12,700	12,306
Share of loss (profit) of investments accounted for using equity method	(687)	(667)
Loss (gain) on sales and disposals of property, plant and equipment	(31,083)	(9,540)
Decrease (increase) in trade receivables	(11,812)	(826)
Decrease (increase) in inventories	(14,566)	(27,957)
Increase (decrease) in trade payables	9,598	25,737
Increase (decrease) in accrued alcohol tax	9,106	(4,062)
Increase (decrease) in net defined benefit assets and liabilities	2,084	1,441
Other	75,992	3,369
Subtotal	396,535	362,049
Interest and dividends received	3,116	3,344
Interest paid	(11,224)	(10,839)
Income taxes paid	(50,615)	(88,562)
Net cash flows from (used in) operating activities	337,812	265,991
Cash flows from (used in) investing activities		
Purchase of property, plant and equipment	(80,803)	(83,049)
Proceeds from sales of property, plant and equipment	46,321	25,109
Purchase of intangible assets	(11,832)	(16,796)
Proceeds from sales of intangible assets	18,740	868
Purchase of investment securities	(464)	(552)
Proceeds from sales of investment securities	30,159	8,483
Proceeds from sales of investment in an entity accounted for using equity method	—	676
Purchase of shares of subsidiaries and others resulting in change in scope of consolidation	33	(14,762)
Proceeds from sales of shares of subsidiaries resulting in change in scope of consolidation	33	396
Payments for contingent consideration	—	(2,357)
Other	(2,103)	1,091
Net cash flows from (used in) investing activities	(14,348)	(69,186)
Cash flows from (used in) financing activities		
Increase (decrease) in short-term borrowings	34	(440,775)
Payments of lease liabilities	34	(25,215)
Proceeds from long-term borrowings	34	191,000
Repayments of long-term borrowings	34	(183,688)
Proceeds from issuance of bonds	34	282,048
Redemption of bonds	34	(88,328)
Purchase of treasury shares	—	(26)
Dividends paid	22	(54,220)
Other	—	(1,119)
Net cash flows from (used in) financing activities	(320,325)	(219,556)
Effect of exchange rate changes on cash and cash equivalents		7,447
Net increase (decrease) in cash and cash equivalents		(15,304)
Cash and cash equivalents at beginning of period	7	48,460
Cash and cash equivalents at end of period	7	37,438

See accompanying notes.

Notes to the Consolidated Financial Statements

Asahi Group Holdings, Ltd. and Consolidated Subsidiaries

1. Reporting Entity

Asahi Group Holdings, Ltd. ('the Company') is a corporation domiciled in Japan. The Company and its subsidiaries ('the Group') are engaged primarily in manufacturing and marketing of alcohol beverages, soft drinks, and food.

2. Basis of Preparation

The Group's consolidated financial statements have been prepared in accordance with International Financial Reporting Standards ('IFRS'). The Company is qualified as a "Specified Company" as provided in Article 1-2 of "Ordinance on Terminology, Forms and Preparation Methods of Consolidated Financial Statements" (Ordinance of the Ministry of Finance No. 28 of 1976). Article 93 of this ordinance allows Specified Companies to prepare consolidated financial statements under IFRS. The Group's consolidated financial statements for the year ended December 31, 2022 were authorized for issue by Atsushi Katsuki, President and Representative Director, CEO, and Kaoru Sakita, Chief Financial Officer on March 28, 2023.

The Group's consolidated financial statements are prepared on the cost basis, except for the financial instruments and other items as described in "4. Significant Accounting Policies".

The preparation of consolidated financial statements in conformity with IFRS requires accounting estimates on certain critical items. It also requires management to make judgments in applying the Group's accounting policies.

The Group's consolidated financial statements are presented in Japanese yen, which is the functional currency of the Company.

Amounts presented in the consolidated financial statements are rounded down to the nearest million yen.

3. Standards and Interpretations that have been issued but not yet applied

The standard that has been newly issued or amended by the approval date of the consolidated financial statements and will be effective and applied in the future periods is as follows. The impact of the standard to be applied on the Group's consolidated financial statements is under review, and not estimable at this moment.

No.	Title	Mandatory Application	The First Application by the Group	Description of the New Standard or the Amendment
IFRS17	Insurance Contracts	Annual periods beginning on or after January 1, 2023	The annual period ending December 31, 2023	Formulate consistent accounting model for insurance contracts

4. Significant Accounting Policies

The significant accounting policies applied in the preparation of the consolidated financial statements are set out below. These policies have been consistently applied to all the periods presented, unless otherwise stated.

(1) Consolidation

(i) Subsidiaries

Subsidiaries are entities over which the Group has control. The Group assesses that it controls an entity when it is exposed to, or has rights to, variable returns from its involvement with the investee and has the ability to affect those returns through its power over the investee.

Financial statements of subsidiaries are included in the consolidated financial statements from the date on which control commences until the date on which control is lost. Amounts reported by subsidiaries are adjusted to conform to the Group's accounting policies.

Intra-group transactions, balances and any unrealized gains or losses arising from transactions within the Group are eliminated to prepare the consolidated financial statements.

Subsidiaries whose reporting date is different from that of the Group are consolidated based on the provisional closing information as of the Group's reporting date.

(ii) Associates and Joint Ventures

Associates are entities where the Group has significant influence over the financial and operating policies. It is presumed that the Group has significant influence when it holds more than 20 percent of the voting power of the investee. A joint venture is a joint arrangement where the parties that have joint control of the arrangement have rights to the net assets of the arrangement.

Investments in associates and joint ventures are accounted for using the equity method ('equity-accounted investees'). Under the equity method, an investment is initially recognized at cost.

The consolidated financial statements include the Group's share of changes equity-accounted investees from the date that the Group obtained significant influence or joint control until the date on which the Group loses significant influence or joint control.

The Group's investments include goodwill recognized on the acquisition.

Necessary adjustments are made when accounting policies of the associates and joint ventures are different from those of the Group to retain consistency.

(2) Business Combinations

The Group applies the acquisition method to business combinations. The consideration is measured at fair value on the acquisition date which represents the total fair value of the assets transferred, the liabilities assumed and the equity instruments issued by the Group. The Group recognizes goodwill for the excess of total consideration paid, amount of non-controlling interest in the acquiree, and the fair value of the acquirer's previously held equity interest in the acquiree over the net value of identifiable assets and assumed liabilities as of the date of the combination. Negative goodwill is recognized immediately in profit or loss.

The Group elects to recognize non-controlling interests in the acquiree for each business combination, either at fair value or at the proportionate share of the identifiable net assets at the acquisition date, elected on a transaction-by-transaction basis.

Acquisition-related costs are expensed as incurred. Additional acquisition of non-controlling interest after the control obtained is accounted as equity transactions, and goodwill does not arise from such transactions accordingly.

The Group applies book value accounting to acquisitions under common control, which are business combinations in which all of the combining entities or businesses are ultimately controlled by the same party or parties both before and after the business combinations, and that control is not transitory.

(3) Foreign Currency Translation

(i) Functional currency and presentation currency

Items included in financial statements of each company of the Group are measured using the currency of the primary economic environment in which the company operates (hereinafter referred to as the "functional currency"). The consolidated financial statements are presented in Japanese Yen, which is the presentation currency of the Group.

(ii) Transactions and Balances

Foreign currency transactions are translated into functional currencies using the exchange rate at the date of the transactions. Foreign exchange differences arising from settlement of transactions and those arising from the translation of monetary assets and liabilities denominated in foreign currencies using the exchange rate at the end of the fiscal year are recognized in profit or loss. However, exchange differences arising from financial assets measured through other comprehensive income, qualifying cash flow hedges and hedges of net investments in foreign operations are recognized in other comprehensive income.

(iii) Foreign operation

Operating results and financial position of all the foreign operations using a functional currency that is not the presentation currency are translated into the presentation currency in the ways described below. Among the foreign operations, there is no company that uses a currency of a hyperinflationary economy.

- (a) Assets and liabilities are translated using the closing rate as of the end of the fiscal year.
- (b) Income and expenses are translated using the average rate (unless the average rate is not a reasonable approximation of the cumulative effect of the exchange rates prevailing on the transaction date, in which case income and expenses are translated using the rate on the transaction date).
- (c) All resulting exchange differences are recognized in other comprehensive income and accumulated in exchange differences on foreign operations, which is other components of equity.

When a foreign operation is partially disposed of or sold, the exchange differences recognized in other comprehensive income are recognized in profit or loss as part of a gain or loss on the sale.

(4) Property, Plant and Equipment

Buildings and structures, machinery and vehicles, tools, furniture and fixtures, and land mainly consist of production and processing equipment and facilities for the head office. Property, plant and equipment are recognized at cost, and carried at cost less accumulated depreciation and accumulated impairment losses. The cost includes the purchase price, the costs directly related to acquisition of the asset, costs for asset dismantlement and removal and site restoration, and borrowing costs that are required to be capitalized.

Concerning expenditure after acquisition, in cases when it is highly probable that future economic benefit relating to the item will flow to the Group, and the item has a cost that can be measured reliably, such costs are recognized either together in the carrying amount of the asset, or when deemed appropriate, as a separate asset. The carrying amounts of parts that are replaced are derecognized. Other repair and maintenance costs are recognized in profit or loss in the accounting period in which the cost was incurred.

Land is not depreciated. The amount of depreciation of other assets is calculated by allocating the cost of each asset less the residual value using the straight-line method over the following major estimated useful lives:

- Buildings and structures 3–50 years
- Machinery and vehicles 2–15 years
- Tools, furniture and fixtures 2–20 years

Residual values, useful lives and depreciation methods of property, plant and equipment are reviewed at the end of each fiscal year, and revised where necessary.

Gains or losses on disposal are computed by comparing the carrying amount with the proceeds from disposal, and then recognized in profit or loss.

(5) Borrowing Costs

Borrowing costs that are directly attributable to the acquisition, construction or production of a qualifying asset, are capitalized until the assets get ready for their intended use or sale. Income earned on a temporary investment of specific borrowings until they are used for qualifying assets is deducted from the borrowing costs eligible for capitalization.

All other borrowing costs are recognized in profit or loss as incurred.

(6) Goodwill and Intangible Assets

(i) Goodwill

Goodwill is tested for impairment annually, and the carrying amount is the cost less accumulated impairment losses. Impairment losses of goodwill are not reversed. Gain or loss on sales of business operations includes carrying amount of goodwill related to the business operation.

Goodwill is allocated to cash-generating units or groups of cash-generating units that are expected to benefit from the business combination.

(ii) Trademarks

Separately acquired trademarks are recognized at cost. Trademarks acquired through business combinations are recognized at fair value as of the acquisition date. Trademarks, for which a certain useful life is determined, except for those with indefinite useful lives, are recorded at cost less accumulated amortization and accumulated impairment losses. The amount of amortization is calculated by allocating the cost of trademarks using the straight-line method mainly over the estimated useful life of 20 to 40 years.

(iii) Software

Software is carried at cost less accumulated amortization and accumulated impairment losses.

Development costs directly related to design and testing of the Group's proprietary software are recognized as intangible assets only when they are reliably measurable, they are technically feasible, it is highly probable to generate future economic benefits, and the Group has an intention and adequate resources to complete the development and use the assets.

Other development costs that do not satisfy these requirements are recognized as expenses as incurred. Development costs previously recognized as expenses are not recognized as assets in subsequent fiscal years.

Software is amortized mainly using the straight-line method over the estimated useful life of 5 years.

Expenses related to maintenance of software are recognized as expenses as incurred.

(iv) Other Intangible Assets

Other intangible assets are initially recognized at cost. The costs of intangible assets acquired through a business combination and recognized separately from goodwill are measured at fair value at the acquisition date. Other intangible assets, for which a useful life is determined, are carried at the cost less accumulated amortization and accumulated impairment losses. However, some intangible assets (such as leasehold interests in land) are determined to have indefinite useful lives and are not amortized, because they exist fundamentally as long as the business continues. The amount of amortization is calculated by allocating the cost of each other intangible asset using the straight-line method over the estimated useful life.

Residual values, useful lives and amortization methods of intangible assets are reviewed at the end of each fiscal year, and revised where necessary.

(7) Leases

(i) Leases as Lessee

A right-of-use asset is initially measured at cost. The cost of the right-of-use asset is measured using the amount of the initial measurement of the lease liability adjusted for any lease payments made at or before the commencement date, plus any initial direct costs incurred and an estimate of costs to dismantle and remove the underlying asset or to restore the underlying asset or the site on which it is located, less any lease incentives received. In its consolidated statement of financial position, the Group presents right-of-use assets in "Property, plant and equipment" and "Intangible assets," lease liabilities in "Other financial liabilities."

The right-of-use asset is subsequently depreciated using the straight-line method from the commencement date to the earlier of the end of the useful life of the right-of-use asset or the end of the lease term. The estimated useful lives of the right-of-use assets are determined on the same basis as those of the equivalent property, plant and equipment. In addition, the right-of-use asset is reduced by impairment losses, if any, and adjusted for certain remeasurements of the lease liability.

Lease liabilities are initially measured at the present value of the lease payments that are not paid at the commencement date, discounted using the interest rate implicit in the lease or, if that rate cannot be readily determined, the Group's incremental borrowing rate. Generally, the Group uses its incremental borrowing rate as the discount rate.

The Group applies the recognition exemption on short-term leases and leases for which the underlying asset is of low value. Furthermore, the Group has adopted "COVID-19-Related Rent Concessions (Amendment to IFRS 16)." When the practical expedient is applied, eligible rent concessions that are direct consequences of the COVID-19 pandemic do not require an assessment of whether the concessions are lease modifications. The Group applies the practical expedient consistently to contracts with similar characteristics and in similar circumstances. For rent concessions to which the Group chooses not to apply the practical expedient or that do not qualify for the practical expedient, the Group assesses whether there is lease modification.

(ii) Leases as Lessor

For leases where the Group is the lessor, it determines whether each lease is a finance lease or an operating lease at contract inception.

When classifying each lease, the Group makes an overall assessment of whether the lease transfers substantially all the risks and rewards of ownership of the underlying asset. The lease is classified as a finance lease in cases where the risks and rewards are transferred and as an operating lease in cases where they are not transferred. As part of this assessment, the Group considers certain indicators, such as whether the lease term covers the major part of the economic useful life of the underlying asset.

When the Group is an intermediate lessor, it accounts for its interests in the head lease and the sublease separately. It assesses the lease classification by reference to right-of-use assets arising from the head lease, not by reference to the underlying asset. If the head lease is a short-term lease to which the Group applies the exemption described above, then it classifies the sublease as an operating lease. In its consolidated statement of financial position, the Group presents finance leases as a lessor pertaining to the subleases under "trade and other receivables" and "other non-current assets."

(8) Impairment of Non-financial Assets

Goodwill and intangible assets with indefinite useful lives are not subject to amortization and are tested for impairment annually. Other non-financial assets are examined for impairment if there is an indication that the carrying amount may not be recovered due to occurrence of an event or change in the circumstances. When the carrying amount of an asset exceeds its recoverable amount, an impairment loss is recognized at the excess amount. The recoverable amount is the higher of its fair value less costs of disposal of the asset and value in use. To assess impairment, an asset is grouped at the smallest unit which generates separately identifiable cash flows (cash-generating units). Non-financial assets for which impairment losses are recognized, excluding goodwill, are reassessed at the end of each fiscal year for the possibility that the impairment losses may be reversed.

(9) Financial Instruments

(i) Financial Assets

a. Initial Recognition and Measurement

The Group recognizes financial assets when it becomes a party to the contract. Financial assets purchased or sold in a regular way are recognized on the transaction date. Financial assets are subsequently classified as financial assets measured at amortized cost or financial assets measured at fair value.

Financial assets measured at fair value through profit or loss are initially recognized at fair value. Financial assets measured at fair value through other comprehensive income and financial assets measured at amortized cost are initially recognized at fair value plus transaction costs that are directly attributable to the acquisition. However, trade receivables that do not contain a significant financing component are initially recognized at the transaction price.

(a) Financial Assets measured at Amortized Cost

Financial assets are classified as financial assets measured at amortized cost only when the requirements that the objective of the Group's business model is to hold assets in order to collect the contractual cash flows and that the contractual terms of the financial assets give rise on specific dates to cash flows that are solely payments of principal and interest on the principal amount outstanding are both met.

(b) Financial Assets measured at Fair Value

Financial assets that do not satisfy either of the two requirements above are classified as financial assets measured at fair value.

With regard to financial assets measured at fair value, the Group decides to irrevocably designate each financial instrument as measured at fair value through other comprehensive income, except for equity instruments held for trading, which must be measured at fair value through profit or loss. Equity instruments that are not designated are measured at fair value through profit or loss.

Information on derivatives is provided in '(V) Derivatives and Hedge Accounting'.

b. Subsequent Measurement

Financial assets are subsequently measured based on the classification of the asset as follows:

(a) Financial Assets measured at Amortized Cost

These financial assets are measured at amortized cost using the effective interest method.

(b) Financial Assets measured at Fair Value

These financial assets are measured at fair value at the reporting date.

Changes in fair value of such financial assets are recognized in profit or loss or other comprehensive income, depending on their classification.

Dividend income arising from equity instruments designated as measured at fair value through other comprehensive income is recognized in profit or loss. If the fair value decreases significantly or the equity instrument is disposed of, the accumulated other comprehensive income is transferred to retained earnings.

c. Derecognition

Financial assets are derecognized when the contractual rights to receive cash flows from the financial assets expire or are transferred in a transaction in which substantially all the risks and rewards of ownership of the financial assets are transferred to another entity.

(ii) Impairment of Financial Assets

The Group estimates expected credit losses at the end of each fiscal year for recoverability of financial assets measured at amortized cost.

For financial instruments of which the credit risk has not increased significantly after initial recognition, expected credit losses within the next 12 months are recognized as loss allowance. For financial instruments of which the credit risk has increased significantly after initial recognition, lifetime expected credit losses are recognized as loss allowance. However, for trade receivables, loss allowance is always measured based on lifetime expected credit losses.

Interest income for financial assets whose credit risk has significantly increased and there is an objective evidence of impairment is measured by applying the effective interest rate to the net carrying amount of the financial asset less loss allowance.

If all or part of a financial asset cannot be recovered or is judged to be extremely unlikely to be recovered, it is deemed to be in default.

In determining whether any objective evidence of impairment exists, the Group uses the following requirements:

- Significant financial difficulties of the issuer or the borrower;
- A breach of contract, such as default or past due event in interest or principal payments;
- The lender(s) of the borrower, for economic or contractual reasons relating to the borrower's financial difficulty, having granted to the borrower a concession(s) that the lender(s) would not otherwise consider;
- It is becoming probable that the borrower will enter bankruptcy or other financial reorganization; or
- The disappearance of an active market for that financial asset because of financial difficulties.

The Group directly reduces the gross carrying amount of a financial asset when there is no reasonable expectation of recovering the financial asset in its entirety or a portion thereof. Subsequent changes in loss allowance are recognized as impairment gains or impairment losses in profit or loss.

(iii) Financial Liability

a. Initial Recognition and Measurement

The Group recognizes financial liabilities when it becomes a party to the contract. Financial liabilities are subsequently classified as financial liabilities measured at amortized cost or financial liabilities measured at fair value. Financial liabilities measured at fair value through profit or loss is recognized at their fair value upon initial recognition, and financial liabilities measured at amortized cost is measured at their fair value less transaction costs directly attributable to the acquisition upon initial recognition.

b. Subsequent Measurement

Financial liabilities are subsequently measured according to the classification as follows:

(a) Financial Liabilities measured at Fair Value through Profit or Loss

These financial liabilities measured at fair value through profit or loss are measured at fair value at the reporting date.

(b) Financial Liabilities measured at Amortized Cost

These financial liabilities measured at amortized cost are measured using the effective interest method.

c. Derecognition

Financial liabilities are derecognized when the Group's contractual obligations are discharged, canceled or expired.

(iv) Offset of Financial Instruments

Financial assets and liabilities are offset and the net amount is presented in the consolidated statement of financial position only when there is a legally enforceable right to offset the financial instruments and there is an intention to settle on a net basis or realize the asset and settle the liability simultaneously.

(v) Derivatives and Hedge Accounting

Derivatives are initially recognized at fair value on the date when the derivative contract is concluded and subsequently remeasured at fair value at the end of each fiscal period. The method of recognizing gains or losses arising as a result of the remeasurement depends on whether the derivative is designated as a hedging instrument, and if it was designated as a hedging instrument, on the nature of the hedged item.

The Group designates certain derivatives as hedging instruments of cash flow hedges (hedge of a particular risk associated with recognized assets or liabilities, or highly probable forecast transactions) and certain borrowings denominated in foreign currencies and bonds denominated in foreign currencies as hedging instruments of net investments in foreign operations.

The Group documents the relationship between the hedging instrument and the hedged item and the risk management objective and strategy for exercising the hedging transactions at the inception of the transaction. The Group also documents its assessment, both at the inception and on an ongoing basis, of whether the derivatives or non-derivative hedging instruments used in hedging transactions are effective in offsetting changes in cash flows of hedged items or foreign exchange fluctuations in net investments in foreign operations.

The Group assesses the effectiveness of hedges on an ongoing basis, and determines that a hedge is effective when the requirement that there is an economic relationship between the hedged item and the hedging instrument, the requirement that the effect of credit risk does not significantly dominate the value changes that result from the economic relationship, and the requirement that the hedge ratio of the hedging relationship is the same as the ratio resulting from the quantities of the hedged item actually hedged and the hedging instrument actually used are all satisfied.

The effective portion of changes in fair value of derivatives that are designated as a hedging instrument of cash flow hedges and satisfy the requirements as the hedging instrument is recognized in other comprehensive income. Gains or losses on the ineffective portion are immediately recognized in profit or loss.

Accumulated gains or losses recognized through other comprehensive income are transferred to profit or loss in the period during which cash flows arising from the hedged item affect profit or loss. However, when a forecast transaction as the hedged item results in the recognition of non-financial assets (e.g. inventories or property, plant and equipment), gains or losses previously deferred in other comprehensive income are transferred and included in the initial measurement of the cost of the assets. The deferred amount is eventually recognized as cost of sales for inventories, and as depreciation expense for property, plant and equipment.

Application of hedge accounting is discontinued prospectively when the hedge no longer qualifies for hedge accounting due to expiry, sale of the hedging instrument and other reasons. When the hedged future cash flows are still expected to occur, accumulated gains or losses recognized in other comprehensive income remain as accumulated other comprehensive income. When a forecast transaction is no longer expected to occur and in other cases, accumulated gains or losses recognized in other comprehensive income are immediately transferred to profit or loss.

With regard to derivatives or non-derivative hedging instruments, including borrowings, held for hedging foreign exchange risk in net investments in foreign operations, the portion of foreign exchange differences deemed effective as a hedge is recognized in other comprehensive income as hedging of net investments in foreign operations. Of exchange differences for derivatives or non-derivative hedging instruments, the portion deemed ineffective as a hedge and not subject to the assessment of hedging effectiveness are recognized in profit or loss.

Accumulated gains or losses recognized in other comprehensive income through net investment hedges are transferred to profit or loss upon disposal of foreign operations.

(10) Cash and Cash Equivalents

Cash and cash equivalents consist of cash on hand, bank deposits withdrawable on demand, and short-term investments that are readily convertible to cash and subject to insignificant risk of change in value with maturities of three months or less.

(11) Inventories

Inventories are measured at the lower of cost and net realizable value. The cost is calculated mainly using the weighted-average method for merchandise, finished goods and semi-finished goods, and mainly using the moving-average method for raw materials and supplies. The cost of merchandise, finished goods and semi-finished goods consists of raw material costs, direct labor costs, other direct costs and related production overhead costs (based on the normal production capacity). Net realizable value is determined at the estimated selling price in the ordinary course of business less the relevant estimated selling expenses.

(12) Assets or Disposal Groups Held for Sale

The Group classifies a non-current asset (or disposal groups) as held for sale when its carrying amount will be recovered principally through a sale rather than through continuing use, the sale is highly probable and the asset is available for immediate sale in its present condition. The Group does not depreciate or amortize a non-current asset (or disposal groups) classified as held for sale and measures it at the lower of its carrying amount and fair value less costs to sell.

(13) Employee Benefits**(i) Post-employment Benefits**

The Group companies have various pension plans. The Group has adopted defined benefit plans, and certain consolidated subsidiaries have established a retirement benefit trust. In addition to these plans, certain consolidated subsidiaries have introduced defined contribution plans and retirement benefit prepayment plans.

Defined benefit plans are post-employment benefit plans other than defined contribution plans. Defined contribution plans are post-employment benefit plans in which the employer pays fixed contributions to other separate entities and has no legal or constructive obligations to make further contributions.

In defined benefit plans, the present value of defined benefit obligations is calculated separately for each plan by estimating the amount of future benefits that employees have earned in exchange for their service rendered in the prior fiscal years and the current fiscal year and discounting that amount. The Group recognizes the amount calculated by deducting fair value of plan assets from the present value of defined benefit obligations as net defined benefit liability (asset). Defined benefit obligations are calculated using the projected unit credit method. The discount rates are determined based on market yields of high quality corporate bonds at the end of the fiscal year that correspond to the discount period, which is set on the basis of a period up to the estimated date of benefit payment for each future year. Contributions to the plans are determined based on periodic actuarial calculation and are usually paid to the funds managed by insurance companies or trust companies.

In cases where the Group has a surplus in the defined benefit plans as a result of calculation, the net defined benefit asset is measured to the extent of the present value of economic benefits available in the form of a future refund from the plan or a reduction in future contributions to the plan. In calculating the present value of economic benefits, the Group takes into account minimum funding requirements applicable to its plan. Economic benefits shall be available to the Group, if the economic benefits can be realized during the life of the plan or at the time when the pension liabilities are settled.

The Group recognizes remeasurements of the net defined benefit liability (asset) arising from the defined benefit plans in other comprehensive income and immediately reclassifies them to retained earnings.

Contributions to the defined contribution plan are recognized as employee benefits expense in profit or loss in the period during which employees render their service.

(ii) Short-term Employee Benefits

Short-term employee benefits are measured on an undiscounted basis and recognized as expenses when the related service is rendered. Bonuses are recognized as a liability at the amount estimated to be paid under the plans, when the Group has present legal or constructive obligations to pay as a result of past service rendered by employees, and the amount of obligations can be reliably estimated.

(14) Share-based Payment

Equity-settled share-based payments granted to employees are measured at fair value at the grant date, and then generally recognized as an expense over the vesting period. The same amount is recognized as an increase in equity. However, if the equity-settled share-based payments granted are immediately vested, the entire amount is recognized as an expense and an increase in equity at the grant date.

The fair value of the share-based payment plan accounted for cash-settled share-based payments recognize an expense over the vesting period and recognize the same amount as an increase of liability.

The liability is remeasured at the reporting date and also at the settlement date, and then the movement in the fair value is recognized in profit or loss.

(15) Provisions

The Group recognizes provisions when it has a present legal or constructive obligation as a result of past events, it is probable that an outflow of resources will be required to settle the obligation, and the amount can be reliably estimated. Where there are a number of similar obligations, the probability that an outflow of resources will be required in settlement is determined taking into account the similar obligations as a whole. Provisions are recognized even if the likelihood of the outflow is low for one item in the similar obligations.

Provisions are measured as the present value of expenditures expected to be required to settle the obligation, using the pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the obligation. An increase in provisions due to passage of time is recognized as interest expense.

(16) Equity

Ordinary shares are classified as equity.

Incremental costs directly attributable to issuance of new ordinary shares or share options are deducted from equity.

When any company within the Group purchases the Company's share (treasury shares), the consideration paid including any directly attributable incremental costs (net of tax) is deducted from equity attributable to owner of the Company until the shares are canceled or reissued. When such ordinary shares are subsequently reissued, any consideration received, net of directly attributable incremental costs and the related tax effects, is recognized in equity attributable to owners of the Company.

(17) Revenue

The Group recognizes revenue based on the following five step approach.

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

For sales of goods, as the customer obtains control over the goods upon delivery, the performance obligation is determined to have been satisfied and revenue is therefore recognized upon delivery of the goods. Revenue is measured using the net amount after eliminating goods returned, rebates and discounts.

Because the period from satisfaction of the performance obligation to receipt of consideration is usually within one year or less, the Group uses the practical expedient and does not adjust the promised amount of consideration for the effects of a significant financing component for such receivables.

The Group's view is that acting as a principal if it controls promised goods before transferring them to a customer and recognizes revenue in the gross amount of consideration to which it expects to be entitled in exchange for the specified goods to be transferred.

(18) Government Grants

Government grants are recognized when there is reasonable assurance that the Group complies with the conditions attaching to them and that the grants will be received. Government grants which are intended to compensate specific costs are recognized in profit or loss on a systematic basis over the period in which the Group recognizes the corresponding expenses. Government grants related to assets are recognized as deferred income, and then recognized in profit or loss on a straight-line basis over the estimated useful lives of the related assets. Non-monetary grants measured at fair value are accounted for in the same way. Grants related to income are recognized and presented in 'Other operating income' in the period when the Group recognizes the corresponding expenses.

(19) Dividends

Dividends payable to the shareholders of the Company are recognized as liabilities in the period in which the dividends are approved at the shareholder's meeting for annual dividends and in the period in which the dividends are approved at the board of directors meeting for interim dividends.

(20) Income Tax

Income tax expenses comprise current and deferred taxes. Income tax is recognized in profit or loss for the period, except to the extent it relates to a transaction which is recognized in other comprehensive income or directly in equity. In those cases, income tax is also recognized in other comprehensive income or directly in equity.

Current tax is measured at the amount that is expected to be paid to or recovered from tax authorities. The taxes are calculated at tax rates under applicable tax laws that have been enacted or substantively enacted at end of the fiscal period.

Deferred tax is recognized on temporary differences between the tax bases of assets and liabilities and their carrying amounts in the consolidated statement of financial position. However, a deferred tax liability is not recognized for a temporary difference arising from the initial recognition of goodwill. Similarly, a deferred tax asset or liability is not recognized for a temporary difference arising from initial recognition of an asset or liability in a transaction that is not a business combination and that affects neither accounting profit or loss nor taxable profit (tax loss). Deferred tax is measured at tax rates that have been enacted or substantively enacted at end of the reporting date and expected to apply in the period when the related deferred income tax asset is realized or the deferred income tax liability is settled under applicable tax laws.

A deferred tax asset is recognized to the extent that it is probable that taxable profit will be available against which the temporary differences can be utilized.

A deferred tax asset and liability is recognized for temporary differences arising from investments in subsidiaries and associates although a deferred tax liability is not recognized if the Group is able to control the timing of the reversal of the temporary difference and it is probable that temporary difference will not reverse in the foreseeable future.

Deferred tax assets and deferred tax liabilities are offset when there is a legally enforceable right to offset current tax asset against current tax liability, and income taxes are levied by the same taxation authority on the same taxable entity.

The Company and its wholly owned subsidiaries in Japan have applied the consolidated taxation system for filing and paying corporate tax as a single consolidated group for tax purposes.

5. Significant Accounting Estimates and Judgments

In the preparation of the consolidated financial statements, management makes judgments, estimates and assumptions that affect the application of the accounting policies and the reporting amounts of assets, liabilities, revenue and expenses. The estimates and the underlying assumptions are reviewed on an ongoing basis. The effects of a change in accounting estimates are recognized in the period in which the estimate is revised and in the future periods. As of the end of this fiscal year, the Group has also made estimates and judgments that have significant impact on the amounts of the consolidated financial statements, based on the assumption that the impact of COVID-19 continues in the following years. The estimates and the underlying assumptions that have significant risks which could result in a material adjustment to the carrying amounts of assets and liabilities within the next year are as follows:

- Impairment of non-financial assets (Notes 11, 12)

6. Segment Information**(1) General Information**

The Group determines operating segments based on the report that is reviewed by management and utilized in its strategic decision making.

The operating segments are components of the Group for which separate financial information is available and regularly reviewed by the management so as to make decisions about how to allocate resources.

The Group's management structure comprises Global Headquarters and Regional Headquarters (RHQ). Global Headquarters specialize in formulating Group-wide strategies and business management, while Regional Headquarters (RHQ) are responsible for formulating and implementing strategies for the manufactures and sales of alcohol beverages, soft drinks, and other products tailored to the characteristics of each region.

The Group appoints a responsible officer to each RHQ and oversees the formulation of business strategies for each region, so that they are in line with the global strategy.

The Group consists of segments based on the manufacture and sale of alcoholic beverages and beverage products, etc., by region where RHQ is located, and has identified 4 reportable segments, "Japan," "Europe," "Oceania" and "Southeast Asia" accordingly.

Reportable Segments

- Japan – manufacture and sales of alcohol beverages, soft drinks, food, and pharmaceuticals
- Europe – manufacture and sales of alcohol beverages
- Oceania – manufacture and sales of alcohol beverages and soft drinks
- Southeast Asia – manufacture and sales of soft drinks

Management evaluates performance of each operating segment based on the results of measure of segment profit or loss.

Previous Year (ended December 31, 2021)

Millions of yen								
	Japan	Europe	Oceania	Southeast Asia	Other*	Segment Total	Adjustments	Consolidated
Revenue:								
External customers	1,215,527	472,227	499,723	42,635	5,962	2,236,076	—	2,236,076
Intersegment	3,856	2,155	270	49	—	6,332	(6,332)	—
Total revenue	1,219,383	474,383	499,994	42,684	5,962	2,242,408	(6,332)	2,236,076
Segment profit (loss)	119,575	46,030	62,536	(485)	2,307	229,964	(18,064)	211,900
Segment assets	1,020,517	1,615,798	1,777,958	43,014	7,048	4,464,337	83,411	4,547,748
Other items								
Depreciation and amortization expenses	52,760	45,440	29,483	2,090	2,208	131,983	2,832	134,815
Impairment losses	2,029	11,141	—	—	271	13,442	—	13,442
Share of profit (loss) of investments accounted for using equity method	27	548	111	—	—	687	—	687
Investments accounted for using equity method	2,035	3,872	732	—	—	6,640	—	6,640
Additions to non-current assets other than financial instruments and deferred tax assets	56,298	43,303	15,603	1,709	124	117,038	1,366	118,404

* "Other" consists of business segments not included in the reportable segments, and includes the logistics business, restaurant business and others.

Adjustments to segment profit or (loss) of ¥(18,064) million include overhead costs of ¥(18,110) million, which are not allocated to the reportable segments, and elimination of intersegment transactions of ¥45 million. Overhead costs are primarily group management expenses incurred at the Company that is a pure holding company. The price in intersegment transactions is in accordance with the transaction price with external customers.

Adjustments to segment assets of ¥83,411 million include corporate assets of ¥137,930 million, which are not allocated to the reportable segments, and elimination of ¥(54,518) million to offset intersegment receivables and payables. The corporate assets are primarily assets held by the Company, which is a pure holding company.

Current Year (ended December 31, 2022)

Millions of yen								
	Japan	Europe	Oceania	Southeast Asia	Other*	Segment Total	Adjustments	Consolidated
Revenue:								
External customers	1,297,197	572,662	580,845	51,639	8,764	2,511,108	—	2,511,108
Intersegment	4,534	1,213	2,321	40	—	8,110	(8,110)	—
Total revenue	1,301,731	573,875	583,167	51,680	8,764	2,519,219	(8,110)	2,511,108
Segment profit (loss)	96,417	55,163	80,177	633	1,257	233,647	(16,599)	217,048
Segment assets	997,249	1,798,105	1,918,822	45,472	9,025	4,768,675	61,669	4,830,344
Other items								
Depreciation and amortization expenses	54,175	49,184	32,580	2,128	596	138,665	1,754	140,419
Impairment losses	18,304	—	—	185	—	18,490	—	18,490
Share of profit (loss) of investments accounted for using equity method	171	467	28	—	—	667	—	667
Investments accounted for using equity method	2,217	3,455	1,051	—	—	6,724	(1)	6,722
Additions to non-current assets other than financial instruments and deferred tax assets	55,429	56,422	24,195	931	204	137,183	1,281	138,465

* "Other" consists of business segments not included in the reportable segments, and includes the logistics business, restaurant business and others.

Adjustments to segment profit or (loss) of ¥(16,599) million include overhead costs of ¥(17,505) million, which are not allocated to the reportable segments, and elimination of intersegment transactions of ¥(905) million. Overhead costs are primarily group management expenses incurred at the Company that is a pure holding company. The price in intersegment transactions is in accordance with the transaction price with external customers.

Adjustments to segment assets of ¥61,669 million include corporate assets of ¥86,216 million, which are not allocated to the reportable segments, and elimination of ¥(24,547) million to offset intersegment receivables and payables. The corporate assets are primarily assets held by the Company, which is a pure holding company.

(Notes on changes in reportable segments)

Effective January 1, 2022, the Company transferred certain functions relating to the business management of domestic operations to Asahi Group Japan, Ltd., a wholly owned subsidiary of the Company, through corporate split. The aim is to generate global synergies while expanding and developing its five global brands and further boosting the competitiveness of business conducted in the areas overseen by each of its Regional Headquarter in Japan, Europe, Oceania, and Southeast Asia.

Consequently, the Group changed its reportable segments from "Alcohol Beverages," "Soft Drinks," "Food" and "Overseas" to "Japan," "Europe," "Oceania" and "Southeast Asia" from the current year.

Accordingly, the amount shown in segment information for the previous year reflected these changes in reportable segments.

(2) Information about Products and Services

Please refer to (1) General Information.

(3) Information about Geographical Areas

With regard to information about geographical areas, revenue to external customers and non-current assets are classified into Japan or overseas based on customers' locations and asset locations, respectively.

Revenue from External Customers

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Japan	1,203,594	1,281,768
Overseas	1,032,481	1,229,340
Of which, Australia	457,287	534,961
Total	2,236,076	2,511,108

Non-current Assets

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Japan	492,658	456,927
Overseas	3,163,446	3,424,491
Of which, Australia	1,628,853	1,745,295
Of which, Czech Republic and Slovakia	664,255	748,340
Total	3,656,105	3,881,419

(4) Information about Major Customers

In the current year, due to the fact that the Group does not have external customers to which sales revenue exceed 10% of Revenue amount in the Consolidated Statement of Profit or Loss, information about Major Customers is omitted.

7. Cash and Cash Equivalents

Cash and cash equivalents in the consolidated statement of financial position at the end of the previous year and the current year are consistent with those in the consolidated statement of cash flows.

Cash and cash equivalents are analyzed as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Cash and cash equivalents	52,743	37,438
Total	52,743	37,438

Cash and cash equivalents are classified as financial assets measured at amortized cost.

8. Trade and Other Receivables

Trade and other receivables are analyzed as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Notes and accounts receivable-trade	381,434	396,918
Others	23,738	28,882
Less: Loss allowance	(9,199)	(10,124)
Total	395,974	415,676

Trade and other receivables are classified as financial assets measured at amortized cost.

9. Inventories

Inventories are analyzed as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Merchandise and finished goods	91,543	105,357
Semi-finished goods and work in progress	51,282	57,107
Raw materials	46,148	58,574
Supplies	11,853	13,930
Total	200,828	234,969

Whisky and equivalents which are to be sold after 12 months from the year end account for 66.7% (Previous year: 68.8%) of semi-finished goods and work in progress.

The Group recognized ¥1,480,317 million of inventories as an expense in the current year (Previous year: ¥1,278,157 million). It is included in "Cost of sales".

No inventory is pledged as collateral for liabilities.

"Cost of sales" includes cost of raw materials amounting to ¥598,274 million (Previous year: ¥491,354 million).

10. Assets or Disposal Groups Held for Sale

Assets or Disposal groups held for sale are analyzed as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Other Financial Assets	7,196	—
Total assets	7,196	—

"Assets held for sale" in the previous year is the result of the Company's contractual arrangement for investment in Ting Hsin (Cayman Islands) Holding Corp., which is included in corporate assets. The Group measures the fair value of the asset held for sale primarily based on EBITDA multiples of comparative companies mainly using the comparable company analysis method. The fair value is categorized into Level 3 of the fair value hierarchy.

The sale was completed in December 2022. The amount of accumulated other comprehensive income (net of tax) related to "Assets held for sale" in the previous year is ¥1,373 million (credit balance) and included in "Other components of equity" in the Consolidated Statement of Financial Position of the current year. All of the above is included in "Changes in fair value of financial instruments measured at fair value through other comprehensive income."

11. Property, Plant and Equipment

Property, plant and equipment is analyzed as follows:

Carrying Amount

Millions of yen							
	Buildings and structures	Machinery and vehicles	Tools, furniture and fixtures	Land	Construction in progress	Other	Total
Previous year (as of January 1, 2021)	257,798	256,387	114,868	146,739	34,470	0	810,264
Separate acquisitions	20,761	21,671	18,483	163	38,470	—	99,551
Acquisitions through business combinations	1,389	644	46	—	0	—	2,080
Disposals	(5,598)	(2,878)	(2,295)	(5,053)	(1,804)	—	(17,631)
Exchange differences	7,717	6,057	3,068	2,715	1,156	—	20,715
Transfers from construction in progress	9,619	20,923	4,065	173	(34,782)	—	—
Impairment losses (Note)	(360)	(8)	(10)	—	—	—	(378)
Depreciation expenses	(28,015)	(43,260)	(23,749)	—	—	(0)	(95,025)
Other	(844)	896	(367)	(1,449)	589	(0)	(1,176)
Previous year (as of December 31, 2021)	262,468	260,432	114,108	143,289	38,099	—	818,398
Separate acquisitions	24,358	20,835	22,386	385	45,456	—	113,421
Acquisitions through business combinations	249	16	38	—	—	—	304
Disposals	(2,522)	(796)	(3,343)	(9,030)	(200)	—	(15,893)
Exchange differences	10,235	11,407	4,650	3,521	2,726	—	32,542
Transfers from construction in progress	5,170	17,882	5,515	544	(29,112)	—	—
Impairment losses (Note)	(7,615)	(3,892)	(168)	(5,592)	(14)	—	(17,283)
Depreciation expenses	(27,782)	(46,829)	(23,501)	—	—	—	(98,113)
Other	101	1,754	601	80	(1,192)	—	1,344
Current year (as of December 31, 2022)	264,662	260,810	120,287	133,198	55,762	—	834,721

(Note) Please refer to "12. Goodwill and Intangible Assets" regarding recognition of impairment losses and other.

Cost

Millions of yen							
	Buildings and structures	Machinery and vehicles	Tools, furniture and fixtures	Land	Construction in progress	Other	Total
Previous year (as of January 1, 2021)	592,708	738,194	267,179	147,848	34,470	1	1,780,403
Previous year (as of December 31, 2021)	632,138	812,951	280,143	144,132	38,099	—	1,907,465
Current year (as of December 31, 2022)	653,194	846,412	294,468	138,921	55,762	—	1,988,760

Accumulated Depreciation and Accumulated Impairment losses

Millions of yen

	Buildings and structures	Machinery and vehicles	Tools, furniture and fixtures	Land	Construction in progress	Other	Total
Previous year (as of January 1, 2021)	334,910	481,807	152,311	1,109	—	0	970,139
Previous year (as of December 31, 2021)	369,669	552,518	166,034	843	—	—	1,089,066
Current year (as of December 31, 2022)	388,532	585,601	174,181	5,723	—	—	1,154,038

The carrying amount of property, plant and equipment includes the carrying amount of right-of-use assets as follows:

Millions of yen					
	Buildings and structures	Machinery and vehicles	Tools, furniture and fixtures	Land	Total
Right-of-use assets					
Previous year (as of January 1, 2021)	55,361	12,149	7,698	18	75,228
Previous year (as of December 31, 2021)	57,194	12,770	6,746	23	76,736
Current year (as of December 31, 2022)	63,533	14,976	5,305	20	83,835

Depreciation expenses of property, plant and equipment are included in "Cost of sales" and "Selling, general and administrative expenses" in the consolidated statement of profit or loss.

Items of property, plant and equipment are grouped together into cash-generating units generally by location of business facilities such as plants and offices taking into account mutual complementary nature in cash flow.

12. Goodwill and Intangible Assets

(1) Carrying Amount, Cost and Accumulated Amortization and Accumulated Impairment losses

Goodwill and intangible assets are analyzed as follows:

Carrying Amount

Millions of yen					
	Goodwill	Trademarks	Software	Other	Total
Previous year (as of January 1, 2021)	1,723,943	946,154	19,766	12,120	2,701,985
Separate acquisitions	—	—	8,224	4,008	12,233
Acquisitions through business combinations	11,860	3,007	26	1	14,896
Disposals	—	(0)	(966)	(547)	(1,514)
Exchange differences	91,211	48,981	(251)	607	140,549
Transfers from construction in progress	—	—	893	(893)	—
Impairment losses	(13,063)	—	—	—	(13,063)
Amortization expenses	—	(30,383)	(5,626)	(3,780)	(39,790)
Other	2,910	21	2,031	(625)	4,338
Previous year (as of December 31, 2021)	1,816,862	967,781	24,099	10,891	2,819,634
Separate acquisitions	—	—	9,196	4,524	13,720
Acquisitions through business combinations	2,289	770	1	14	3,075
Disposals	—	—	(268)	(950)	(1,218)
Exchange differences	148,001	80,556	731	356	229,646
Transfers from construction in progress	—	—	812	(812)	—
Impairment losses	(181)	—	(6)	(4)	(192)
Amortization expenses	—	(33,601)	(5,433)	(3,271)	(42,305)
Other	(0)	607	1,474	3,488	5,569
Current year (as of December 31, 2022)	1,966,971	1,016,113	30,607	14,237	3,027,929

Cost

	Millions of yen				
	Goodwill	Trademarks	Software	Other	Total
Previous year (as of January 1, 2021)	1,786,867	1,063,720	101,636	27,338	2,979,562
Previous year (as of December 31, 2021)	1,892,850	1,120,771	110,992	25,712	3,150,326
Current year (as of December 31, 2022)	2,043,140	1,202,705	121,750	29,076	3,396,673

Accumulated Amortization and Accumulated Impairment losses

	Millions of yen				
	Goodwill	Trademarks	Software	Other	Total
Previous year (as of January 1, 2021)	62,924	117,565	81,869	15,218	277,577
Previous year (as of December 31, 2021)	75,987	152,990	86,893	14,821	330,691
Current year (as of December 31, 2022)	76,169	186,591	91,143	14,838	368,743

The carrying amount of intangible assets includes the carrying amount of right-of-use assets as follows:

	Millions of yen		
	Software	Other	Total
Previous year (as of January 1, 2021)	102	—	102
Previous year (as of December 31, 2021)	61	—	61
Current year (as of December 31, 2022)	207	—	207

There are no significant internally generated intangible assets as of the end of the previous year and that of the current year, respectively.

Amortization expenses are included in “Cost of sales” and “Selling, general and administrative expenses” in the consolidated statement of profit or loss.

Intangible assets with indefinite useful lives are included in the above, and the carrying amounts are ¥6,691 million as of December 31, 2022 (¥5,838 million as of December 31, 2021). These assets primarily consist of trademarks and land leasehold right, which basically last as long as the business continues, and thereby their useful lives are considered as indefinite.

Significant intangible assets recognized in the consolidated statement of financial position are mainly trademarks derived from the acquisition of CUB Australia Holding Pty Ltd (which changed its name from ABI Australia Holding Pty Ltd on August 7, 2020.) in the fiscal year ended December 31, 2020, and from the acquisition of Plzeňský Prazdroj, a.s., Plzeňský Prazdroj Slovensko, a.s. and Kompania Piwowska S.A. in the fiscal year ended December 31, 2017.

The carrying amount of trademarks recognized due to the acquisition of CUB Australia Holding Pty Ltd in the fiscal year ended December 31, 2020 is ¥318,154 million (¥304,974 million as of December 31, 2021).

The carrying amount of trademarks recognized due to the acquisition of Plzeňský Prazdroj, a.s. and Plzeňský Prazdroj Slovensko, a.s. are ¥298,218 million (¥275,194 million as of December 31, 2021). The carrying amount of trademarks recognized due to the acquisition of Kompania Piwowska S.A. is ¥77,657 million (¥75,304 million as of December 31, 2021).

The above mentioned trademarks, except for those with indefinite useful lives, are amortized using the straight-line method, the remaining amortization periods of the trademarks related to CUB Australia Holding Pty Ltd is principally 37 years and related to Plzeňský Prazdroj, a.s., Plzeňský Prazdroj Slovensko, a.s. and Kompania Piwowska S.A. are 34 years.

(2) Impairment**Previous Year (ended December 31, 2021)**

Segment	Millions of yen	
	Impairment loss amount (Note)	Type of assets
Japan	2,029	Goodwill, buildings and others
Europe	11,141	Goodwill
Other	271	Goodwill
Total	13,442	

Impairment loss of ¥11,141 million (goodwill) recognized by the Europe (International) business in the Europe segment constitutes a significant portion of the impairment loss recorded in the previous year. The carrying amount of the asset has been reduced to a recoverable amount of ¥189,231 million because its recoverable amount has fallen below the carrying amount as a result of increase in the discount rate, etc.

(Note) Impairment loss is included in “Other operating expense” in the consolidated statement of profit or loss.

Current Year (ended December 31, 2022)

Segment	Millions of yen	
	Impairment loss amount (Note)	Type of assets
Japan	18,304	Buildings, machinery, Other non-current assets and others
Southeast Asia	185	Goodwill and buildings
Total	18,490	

In this fiscal year, in accordance with the decision on a plan to reorganize the production and logistics systems under the umbrella of Asahi Group Japan, Ltd., which belongs to the Japan segment, impairment loss tests were performed for related plants and the Group recorded an impairment loss of 16,467 million yen, which is included in “Other operating expense” in the Consolidated Statement of Profit or Loss. This impairment loss was mainly due to the reduction of the carrying amount of land, buildings, machinery, and equipment, etc., to the recoverable amount (4,103 million yen), and the recoverable amount is measured by value in use. The discount rate used to calculate the value in use is 3.7%.

Impairment test for goodwill and intangible assets with indefinite useful lives

As of December 31, 2022, significant items among goodwill and intangible assets with indefinite useful lives allocated to each cash-generating unit (group of cash-generating units) are as below.

(Oceania segment)

Goodwill allocated to the Oceania business is ¥1,255,241 million as of December 31, 2022 (¥1,165,801 million as of December 31, 2021).

The recoverable amount is measured at fair value less costs of disposal and the fair value hierarchy is classified into Level 3. The fair value less costs of disposal is calculated by discounting the future cash flows at 10.1% (9.3% as of December 31, 2021). Discount rate is determined with reference to the pre-tax weighted average cost of capital of cash-generating unit (group of cash-generating units).

The future cash flows are based on business plans for 5 years or less and growth rates that reflect past experience and external information and have been approved by the management. Growth rate is 2.5% (2.5% as of December 31, 2021) and it has been determined with reference to factors such as inflation rates in the markets to which cash-generating unit (group of cash-generating units) belongs.

Key assumptions, such as increases in future revenue and the growth rate applied to the periods subsequent to those covered by the business plan, used in estimating the future cash flows, involved a high degree of uncertainty as they are affected by changes in factors such as the business conditions and competitive environment in Oceania, and management's judgment thereon had a significant effect on the estimated future cash flows.

The recoverable amount exceeds the carrying amount by ¥202,664 million as of December 31, 2022 (¥277,735 million as of December 31, 2021), however if the discount rate were to increase by 1.0% (1.3% as of December 31, 2021), the carrying amount would exceed the recoverable amount.

(Europe segment)

Goodwill allocated to the Europe (Czech Republic and Slovakia) business is ¥331,872 million as of December 31, 2022 (¥287,218 million as of December 31, 2021).

The recoverable amount is measured at value in use. The value in use is calculated by discounting the future cash flows at 6.5% (6.2% as of December 31, 2021). Discount rate is determined with reference to the pre-tax weighted average cost of capital of cash-generating unit (group of cash-generating units).

The future cash flows are based on business plans for 5 years or less and growth rates that reflect past experience and external information and have been approved by the management. Growth rate is 2.2% (1.2% as of December 31, 2021) and it has been determined with reference to factors such as inflation rates in the markets to which cash-generating unit (group of cash-generating units) belongs.

The recoverable amount exceeds the carrying amount by ¥239,143 million as of December 31, 2022 (¥148,783 million as of December 31, 2021), however if the discount rate were to increase by 1.5% (1.3% as of December 31, 2021), the carrying amount would exceed the recoverable amount.

Goodwill allocated to the Europe (International) business is ¥100,770 million as of December 31, 2022 (¥92,835 million as of December 31, 2021).

The recoverable amount is measured at value in use. The value in use is calculated by discounting the future cash flows at 6.9% (7.1% as of December 31, 2021). Discount rate is determined with reference to the pre-tax weighted average cost of capital of cash-generating unit (group of cash-generating units).

The future cash flows are based on business plans for 5 years or less and growth rates that reflect past experience and external information and have been approved by the management. Growth rate is 1.9% (1.0% as of December 31, 2021) and it has been determined with reference to factors such as inflation rates in the markets to which cash-generating unit (group of cash-generating units) belongs.

Key assumptions, such as increases in future revenue and the growth rate applied to the periods subsequent to those covered by the business plan, used in estimating the future cash flows, involved a high degree of uncertainty as they are affected by changes in factors such as the business conditions and competitive environment in each region of the export destination markets, and management's judgment thereon had a significant effect on the estimated future cash flows.

The recoverable amount exceeds the carrying amount by ¥20,914 million, however if the discount rate were to increase by 0.5%, the carrying amount would exceed the recoverable amount.

The total carrying amount of insignificant items among goodwill and intangible assets with indefinite useful lives allocated to each cash-generating unit (group of cash-generating units) is ¥279,088 million as of December 31, 2022 (¥271,009 million as of December 31, 2021) and ¥6,691 million as of December 31, 2022 (¥5,838 million as of December 31, 2021), respectively.

(3) Research and Development Expenses

Research and development expenses recognized on the consolidated statement of profit or loss in the previous year (ended December 31, 2021) and the current year (ended December 31, 2022) are as follows:

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
	14,234	15,094

13. Other Financial Assets

Other financial assets are analyzed as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Derivative assets	11,113	15,277
Equity instruments	109,745	107,715
Bonds	0	0
Other	12,556	12,816
Total	133,415	135,809
Current assets	7,119	10,028
Non-current assets	126,295	125,780
Total	133,415	135,809

Derivative assets are classified as financial assets measured at fair value through profit or loss, except for items to which hedge accounting is applied. Equity instruments are classified as financial assets measured at fair value through other comprehensive income. Bonds are classified as financial assets measured at amortized cost.

Equity instruments are held for strategic purposes, and thus designated as financial assets measured at fair value through other comprehensive income.

Details of fair values of financial assets measured at fair value through other comprehensive income and dividends received on these assets are as follows:

Please note that the figures in the table below include carrying amounts included in Disposal Groups Held for Sale.

Previous Year (as of December 31, 2021)

	Millions of yen
Description	Fair value
COLOWIDE CO., LTD.	14,995
OHSO FOOD SERVICE CORP.	12,548
Ting Hsin (Cayman Islands) Holding Corp.	7,196
DAIICHIKOSHO CO., LTD.	6,333
IMPERIAL HOTEL, LTD.	6,332
SKYLARK HOLDINGS CO., LTD.	5,162
Seven & i Holdings Co., Ltd	5,056
GINSEN CO., LTD	4,944
Sumitomo Real Estate Sales Co., Ltd.	3,849
OCEAN HOLDINGS.INC.	2,898
Others	47,624
Total	116,942

Current Year (as of December 31, 2022)

	Millions of yen
Description	Fair value
COLOWIDE CO., LTD.	13,142
OHSO FOOD SERVICE CORP.	12,281
DAIICHIKOSHO CO., LTD.	7,243
IMPERIAL HOTEL, LTD.	6,581
Seven & i Holdings Co., Ltd	5,660
SKYLARK HOLDINGS CO., LTD.	5,217
GINSEN CO., LTD	4,772
Sumitomo Real Estate Sales Co., Ltd.	3,551
The Royal Hotel, Ltd.	2,590
Watami Co., Ltd.	2,116
Others	44,557
Total	107,715

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Dividends received	2,062	1,703

Certain items designated as financial assets measured at fair value through comprehensive income have been disposed of during the year as a process of reviewing business relationships. The fair values, cumulative gain or loss at the disposal date and dividends received up to the disposal date are as follows:

Previous year (ended December 31, 2021)			Current year (ended December 31, 2022)		
Fair value	Cumulative gain or loss	Dividends received	Fair value	Cumulative gain or loss	Dividends received
30,317	3,930	412	10,107	285	5

Cumulative gain or loss previously recognized in other components of equity is reclassified to retained earnings in case that fair value of these financial assets is significantly declined or disposed. Such amount was ¥(1,316) million in the current year ¥(6,450) million in the previous year ended December 31, 2021).

14. Other Assets

“Other current assets” and “Other non-current assets” are analyzed as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Prepaid expenses	20,199	22,269
Other	31,953	28,560
Total	52,152	50,829
Current assets	34,081	32,062
Non-current assets	18,071	18,767
Total	52,152	50,829

15. Trade and Other Payables

Trade and other payables are analyzed as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Notes and accounts payable	251,922	291,431
Other payables and accrued expenses	184,887	186,705
Refund Liabilities	94,763	113,732
Total	531,573	591,869

“Notes and accounts payable,” “Other payables” and “accrued expenses” are classified as financial liabilities measured at amortized cost.

Concerning refund liabilities, among consideration received from customers, costs of returned goods, rebates and discounts expected to be paid to customers and other are recognized as refund liabilities. Estimates of such refund liabilities are based on historical records and data currently available as of the end of the fiscal period.

16. Bonds and Borrowings (including Other Financial Liabilities)

(1) Financial Liabilities

“Bonds and borrowings” and “Other financial liabilities” are analyzed as follows:

	Millions of yen			
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)	Average interest rate (Note) (%)	Maturity date
Derivative liabilities	2,424	6,399	—	—
Short-term borrowings	127,301	114,302	0.40	up to Oct. 17, 2023
Current portion of long-term borrowings	51,388	43,046	0.35	up to Dec. 28, 2023
Current portion of bonds	139,962	99,919	0.00	up to Oct. 13, 2023
Commercial paper	105,000	110,000	0.00	up to Feb. 15, 2023
Long-term borrowings	146,608	103,632	0.30	up to Apr. 9, 2026
Bonds	1,025,943	1,026,409	0.52	up to Oct. 15, 2080
Other	248,354	261,376	—	—
Total	1,846,983	1,765,085	—	—
Current liabilities	535,238	503,251	—	—
Non-current liabilities	1,311,745	1,261,834	—	—
Total	1,846,983	1,765,085	—	—

(Note) “Average interest rate” is the weighted average interest rate to the aggregate balance at the end of fiscal period. Borrowings with floating interest rate among the bonds and borrowings stated above amounted to ¥123,961 million (¥128,958 million as of December 31, 2021).

Derivative liabilities are classified as financial liabilities measured at fair value through profit or loss, except for items to which hedge accounting is applied. Commercial paper, bonds, and borrowings are classified as financial liabilities measured at amortized cost.

There are no covenants attached to the bonds and borrowings which have a significant effect on the Group’s financing activities.

(2) Bonds

Issuer	Type	Issue date	Millions of yen		Maturity date (Interest rate)
			Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)	
the Company	the 8th Issue of Unsecured Corporate Bond	May 28, 2015	9,991 (9,991)	—	May 27, 2022 (0.35%)
the Company	the 10th Issue of Unsecured Corporate Bond	Jun 13, 2017	129,971 (129,971)	—	Jun 13, 2022 (0.17%)
the Company	the 11th Issue of Unsecured Corporate Bond	Jun 13, 2017	19,964 (—)	19,978 (—)	Jun 13, 2024 (0.23%)
the Company	the 12th Issue of Unsecured Corporate Bond	Jun 13, 2017	29,913 (—)	29,928 (—)	Jun 11, 2027 (0.33%)
the Company	Euro denominated straight corporate bonds due 2025	Sep 19, 2017	78,094 (—)	84,726 (—)	Sep 19, 2025 (1.15%)
the Company	The 1st unsecured subordinated bonds with optional interest payment deferral and early redemption provisions (with a subordination provision)	Oct 15, 2020	298,296 (—)	298,744 (—)	Oct 15, 2080 (0.97%)
the Company	the 13th Issue of Unsecured Corporate Bond	Oct 15, 2020	99,812 (—)	99,919 (99,919)	Oct 13, 2023 (0.001%)
the Company	the 14th Issue of Unsecured Corporate Bond	Oct 15, 2020	9,958 (—)	9,969 (—)	Oct 15, 2025 (0.12%)
the Company	Euro denominated straight corporate bonds due 2024	Oct 23, 2020	104,124 (—)	113,011 (—)	Oct 23, 2024 (0.155%)
the Company	Euro denominated straight corporate bonds due 2028	Oct 23, 2020	103,971 (—)	112,812 (—)	Oct 23, 2028 (0.541%)
the Company	the 15th Issue of Unsecured Corporate Bond	Mar 15, 2021	49,871 (—)	49,930 (—)	Mar 15, 2024 (0.001%)
the Company	the 16th Issue of Unsecured Corporate Bond	Mar 15, 2021	49,828 (—)	49,869 (—)	Mar 13, 2026 (0.080%)
the Company	Euro denominated straight corporate bonds due 2024	Apr 19, 2021	104,127 (—)	113,042 (—)	Apr 19, 2024 (0.010%)
the Company	Euro denominated straight corporate bonds due 2027	Apr 19, 2021	77,980 (—)	84,621 (—)	Apr 19, 2027 (0.336%)
the Company	the 17th Issue of Unsecured Corporate Bond	Jun 1, 2022	—	49,823 (—)	Jun 1, 2027 (0.290%)
the Company	the 18th Issue of Unsecured Corporate Bond	Jun 1, 2022	—	9,950 (—)	Jun 1, 2032 (0.469%)
Total	—	—	1,165,900 (139,962)	1,126,329 (99,919)	

(Note) The amounts presented in () represent the current portion payable within one year.

(3) Secured liabilities and assets pledged as collateral

The carrying amounts of secured liabilities and assets pledged as collateral are as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Secured liabilities		
Short-term borrowings	1,577	1,793
Current portion of long-term borrowings	427	—
Long-term borrowings	641	—
Total	2,645	1,793
Assets pledged as collateral		
Buildings and structures	724	157
Machinery and vehicles	34	25
Land	129	135
Cash and cash equivalents	76	65
Other	1,254	—
Total	2,218	383

17. Leases**(1) Right-of-use assets**

The Group leases buildings and structures, machinery and vehicles, tools, furniture and fixtures, and others as a lessee. Some lease contracts contain an option to extend leases for the same period of time after the contractual term expires. There are no material clauses including purchase option and any other restrictions associated with these lease contracts. The carrying amount and depreciation expense of right-of-use assets at the end of the current year are as follows:

Previous Year (as of December 31, 2021)

	Millions of yen					
	Buildings and structures	Machinery and vehicles	Tools, furniture and fixtures	Land	Software	Total
Carrying amount for the previous year (as of December 31, 2021)	57,194	12,770	6,746	23	61	76,798
Depreciation expense for right-of-use assets in the previous year	13,531	4,937	2,929	—	42	21,441

The increase in right-of-use assets in the previous year is ¥20,150 million.

Current Year (as of December 31, 2022)

	Millions of yen					
	Buildings and structures	Machinery and vehicles	Tools, furniture and fixtures	Land	Software	Total
Carrying amount for the current year (as of December 31, 2022)	63,533	14,976	5,305	20	207	84,043
Depreciation expense for right-of-use assets in the current year	13,033	3,785	2,722	—	77	19,619

The increase in right-of-use assets in the current year is ¥24,356 million.

(2) Lease liabilities

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Within 1 year	18,948	21,638
Between 1 and 2 years	14,089	17,226
Between 2 and 3 years	10,106	12,671
Between 3 and 4 years	7,393	9,518
Between 4 and 5 years	4,975	7,170
More than 5 years	44,536	57,802
Undiscounted lease liabilities at the end of period	100,051	126,027
Balance of lease liabilities included in the consolidated statement of financial position for the current year (as of December 31, 2022)	93,370	102,120

(3) Amount recognized in profit or loss

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (ended December 31, 2022)
Interest expenses on lease liabilities	2,521	2,712
Lease expenses under the exemption for short-term leases	191	660
Lease expenses under the exemption for low-value assets	6,186	4,851
Variable lease payments that are not included in measurement of lease liabilities	1,431	2,024
Income from subleases of right-of-use assets	(1,471)	(1,617)
Total	8,859	8,631

Gains or losses arising from sale and leaseback transactions are not material.

The Group applies the practical expedient to rent concessions related to lease contracts for certain retail buildings, etc. in domestic and foreign subsidiaries.

The impact to the amount recognized in profit or loss as a result of applying the practical expedient of COVID-19 related rent concessions is not material.

(4) Amount recognized in the statement of cash flows

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Total cash outflows related to leases	35,546	33,555

(5) Finance leases (lessor)

Certain foreign subsidiaries sublease leased buildings. The Group classifies these subleases as finance leases, considering that substantially all the risks and rewards are transferred to the lessees in the subleases.

Finance income on net investment in the lease and revenue on variable lease payments are as follows:

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Finance income on net investment in the lease	119	104
Revenue on variable lease payments	—	—

(6) Operating leases (lessor)

There are no material transactions.

(7) Maturity analysis (lessor)

The maturity analysis of outstanding balances of undiscounted lease payments receivable by due date is as follows:

Previous Year (as of December 31, 2021)

	Millions of yen							Unguaranteed residual value	Unearned finance income	Net investment in the lease
	Within 1 year	1-2 years	2-3 years	3-4 years	4-5 years	More than 5 years	Total			
Lease payments receivable	1,481	946	865	772	662	2,734	7,463	2,398	(531)	9,330

Current Year (as of December 31, 2022)

	Millions of yen							Unguaranteed residual value	Unearned finance income	Net investment in the lease
	Within 1 year	1-2 years	2-3 years	3-4 years	4-5 years	More than 5 years	Total			
Lease payments receivable	1,721	1,059	943	818	616	2,838	7,998	2,702	(494)	10,206

18. Employee Benefits**(1) Overview of Defined Benefit Plans**

The Group has defined benefit plans such as corporate pension plan and lump-sum retirement benefit plan. In addition, some consolidated subsidiaries have defined contribution plans and retirement benefit prepayment plans. For entities incorporated in Japan, the defined benefit plans have been established in accordance with the Defined-Benefit Corporate Pension Act of Japan. The Group pays out lump-sum benefit upon the retirements of employees and then annuity for a certain period of time after retirement in accordance with the terms of the Group's plans based on the Act. The benefits are calculated based on the pension points reflecting the length of service periods and compensation for each period.

The Group manages plan assets for the purpose of increasing the value of plan assets within the acceptable range of risks in order to ensure the benefits for participants (including potential pensioners in the future periods). The Group has developed a basic policy for the management of plan assets and implements the policy consistently. The Group considers expected rate of return and risks inherent in the investments, and then develops optimum combination of plan assets called the policy asset mix. The Group controls the asset management through appointing appropriate asset managers, reviewing the financial status on a regular basis, developing the long-term asset management policy and monitoring the situation of asset allocation. The policy asset mix is regularly reviewed in order to correspond with the market environment or funding status, which can change from the initial assumption. Lump-sum retirement benefit plans are to pay out lump-sum benefit when an employee retires due to reaching retirement age or voluntary retirement. These payments are settled by internal reserves, but not by external funds. Lump-sum retirement benefit is paid based on the Group's rules and regulations of retirement.

(2) Defined Benefit Plans

(i) Reconciliation

Present value of defined benefit obligation is analyzed as follows:

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Balance at beginning of period	127,800	131,722
Current service cost	6,205	6,022
Interest expense	1,006	1,008
Remeasurements		
Actuarial gains and losses (Note)	766	(9,573)
Past service cost	0	41
Benefits paid	(6,344)	(6,193)
Other	2,286	424
Balance at end of period	131,722	123,452

(Note) Actuarial gains and losses are mainly due to changes in financial assumptions.

Fair value of plan assets is analyzed as follows:

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Balance at beginning of period	122,986	131,650
Interest income	668	696
Remeasurements		
Gains on plan assets	7,383	(4,160)
Contribution to plan by employer	3,844	3,515
Benefits paid	(5,040)	(4,930)
Other	1,808	336
Balance at end of period	131,650	127,107

(ii) Asset ceiling

There was no material impact during current year and previous year.

(iii) Details of Plan Assets

Plan assets held by the Group are analyzed into categories as follows:

Previous Year (as of December 31, 2021)

	Millions of yen		
	Plan assets that have a quoted market price in an active market	Plan assets that do not have a quoted market price in an active market	Total
Cash and cash equivalents	—	2,881	2,881
Equity instruments	36,151	14,839	50,991
Domestic	25,482	8,018	33,500
Overseas	10,669	6,821	17,490
Debt instruments	20,080	7,629	27,709
Domestic	904	3,904	4,809
Overseas	19,175	3,724	22,900
Life insurance-General accounts	—	26,529	26,529
Other	6,448	17,090	23,539
Total	62,680	68,969	131,650

Current Year (as of December 31, 2022)

	Millions of yen		
	Plan assets that have a quoted market price in an active market	Plan assets that do not have a quoted market price in an active market	Total
Cash and cash equivalents	—	2,681	2,681
Equity instruments	34,441	12,937	47,379
Domestic	25,461	6,822	32,283
Overseas	8,980	6,114	15,095
Debt instruments	17,986	6,561	24,548
Domestic	1,826	3,727	5,553
Overseas	16,159	2,834	18,994
Life insurance-General accounts	—	25,598	25,598
Other	8,823	18,076	26,900
Total	61,251	65,855	127,107

(iv) Significant Actuarial Assumptions

Significant actuarial assumptions are analyzed as follows:

	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Discount rate	0.57%	1.10%

A rise by 0.5% in the discount rate will lead to a decrease of defined benefit obligation by ¥7,505 million at the end of the current year (a decrease of ¥5,148 million at the year end of the previous year). This analysis is based on the assumption that only the discount rate is variable, and no other factors are considered to be variable. Thus, actual results may differ as it could be influenced by fluctuations in other variables.

(v) Influence in the Future

Under the defined benefit plans, the Group is required to maintain the plan assets at a certain level of funding against pension obligations in accordance with continuation or non-continuation criteria of the Defined Benefit Corporation Pension Act.

For example, the Group makes certain contribution to the plan every month in accordance with the terms of Group's plans. The contribution is calculated based on the future estimates of interest rate, mortality rate, withdrawal rate and other assumptions that could affect the plan assets which need to balance with the expected future payments and returns on the plan assets. The contribution is reviewed every 3 years (actuarial review).

In case that funding is below the minimum funding requirement, additional contribution is required to keep the balance at a certain level.

The contribution by the Group is expected to be ¥4,111 million for the year from January 1, 2023 to December 31, 2023.

The weighted average duration of the defined benefit obligations is 13.97 years (previous year: 14.23 years).

(3) Other Post-retirement Benefit Plans

Pension cost for the defined contribution plans is ¥5,044 million (previous year: ¥2,570 million).

(4) Employee Benefits Expense

Employee benefits expense recognized in the consolidated statement of profit or loss are ¥267,995 million (previous year: ¥248,173 million).

Employee benefits expense are primarily composed of salaries, bonuses, legal welfare costs and post-employment costs. They are included in "Cost of sales" and "Selling, general and administrative expenses" in the consolidated statement of profit or loss.

19. Provisions

Provisions are analyzed as follows:

Provisions classified as non-current liabilities are included in "Other non-current liabilities" in the consolidated statement of financial position.

Previous Year (ended December 31, 2021)

Millions of yen				
	Litigation related	Tax related	Other	Total
Balance as of January 1, 2021	486	7,468	4,455	12,409
Increase	30	1,402	3,933	5,366
Utilization	(73)	—	(2,951)	(3,024)
Reversal	(103)	(744)	(328)	(1,176)
Other	12	235	(47)	200
Balance as of December 31, 2021	351	8,361	5,062	13,775

Current Year (ended December 31, 2022)

Millions of yen				
	Litigation related	Tax related	Other	Total
Balance as of January 1, 2022	351	8,361	5,062	13,775
Increase	2	1,442	2,192	3,637
Utilization	(10)	—	(2,498)	(2,508)
Reversal	(182)	(1,023)	(269)	(1,475)
Other	4	639	232	876
Balance as of December 31, 2022	165	9,419	4,720	14,304

Litigation Related

These are mainly provisions to prepare for payments of litigation related expenses that may arise, and are reported based on the amount reasonably estimated as necessary at the end of each year.

The timing of the outflow of economic benefits will be affected by future developments in litigation.

Tax Related

These are mainly provisions to prepare for payments such as interest tax and penalties arising from income tax exposure.

The timing of the outflow of economic benefits will be affected by the judgments of each tax authority.

Other

Other includes provisions mainly related to business integration.

20. Other Liabilities

"Other current liabilities" and "Other non-current liabilities" are analyzed as follows;

Millions of yen		
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Accrued alcohol tax	94,696	91,292
Accrued consumption tax	17,516	24,187
Accrued bonus	4,878	4,988
Other	15,224	11,121
Total	132,315	131,590
Other current liabilities	125,985	125,816
Other non-current liabilities	6,330	5,774
Total	132,315	131,590

21. Equity and Other Equity Interest

(1) Issued Capital and Reserves

The number of shares authorized and shares issued are as follows:

In thousands of shares		
	Shares authorized (Number of shares)	Shares Issued (Number of shares)
Previous year (as of January 1, 2021)	972,305	507,003
Increase (Decrease)	—	—
Previous year (as of December 31, 2021)	972,305	507,003
Increase (Decrease)	—	—
Current year (as of December 31, 2022)	972,305	507,003

There are no par-value shares. Issued shares are fully paid.

Reserves are analyzed as follows:

(i) Share premium

Under the Companies Act of Japan, share premium is composed of capital reserve and other capital surplus. The Act stipulates that one-half or more of the proceeds from issuing a share should be recognized as share capital, and the rest should be recognized as capital reserve.

(ii) Retained earnings

Retained earnings are composed of legal reserve and other retained earnings. Under the Companies Act of Japan, one-tenth of appropriation should be reserved in capital reserve or legal reserve until the total of these amount reaches one-fourth of the share capital, and the rest of the appropriation can be distributed as dividends.

(2) Treasury shares

Treasury shares held by the Company, subsidiaries and associates are as follows:

	in thousands of shares	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
	Number of shares	Number of shares
Held by the Company	182	186
Held by subsidiaries and associates	89	144

Treasury shares held by subsidiaries and associates in the current year include 135,468 (80,482 as of December 31, 2021) common shares of the Company held by Custody Bank of Japan, Ltd. as the trust assets of a stock compensation plan.

22. Dividends

Previous Year (ended December 31, 2021)

(1) Dividends Paid

Resolution	Type of shares	Total dividends (Millions of yen)	Dividend per share (Yen)	Record date	Effective date
Annual General Meeting of Shareholders held on March 25, 2021	Ordinary shares	26,861	53.00	Dec 31, 2020	Mar 26, 2021
Board of Directors held on August 10, 2021	Ordinary shares	27,368	54.00	Jun 30, 2021	Sep 1, 2021

(i) Total amount ¥26,861 million of dividends by a resolution of Annual General Meeting of Shareholders held on March 25, 2021 include dividends of ¥5 million for shares of the Company held by Custody Bank of Japan, Ltd. as the trust assets of a stock compensation plan.

(ii) Total amount ¥27,368 million of dividends by a resolution of Board of Directors held on August 10, 2021 include dividends of ¥4 million for shares of the Company held by Custody Bank of Japan, Ltd. as the trust assets of a stock compensation plan.

(2) Dividends that will be Effective in the Following Year of the Record Date

Resolution	Type of shares	Resources of dividends	Total dividends (Millions of yen)	Dividend per share (Yen)	Record date	Effective date
Annual General Meeting of Shareholders held on March 25, 2022	Ordinary shares	Retained earnings	27,875	55.00	Dec 31, 2021	Mar 28, 2022

Total amount ¥27,875 million of dividends by a resolution of Annual General Meeting of Shareholders held on March 25, 2022 include dividends of ¥4 million for shares of the Company held by Custody Bank of Japan, Ltd. as the trust assets of a stock compensation plan.

Current Year (ended December 31, 2022)

(1) Dividends Paid

Resolution	Type of shares	Total dividends (Millions of yen)	Dividend per share (Yen)	Record date	Effective date
Annual General Meeting of Shareholders held on March 25, 2022	Ordinary shares	27,875	55.00	Dec 31, 2021	Mar 28, 2022
Board of Directors held on August 9, 2022	Ordinary shares	27,875	55.00	Jun 30, 2022	Sep 1, 2022

(i) Total amount ¥27,875 million of dividends by a resolution of Annual General Meeting of Shareholders held on March 25, 2022 include dividends of ¥4 million for shares of the Company held by Custody Bank of Japan, Ltd. as the trust assets of a stock compensation plan.

(ii) Total amount ¥27,875 million of dividends by a resolution of Board of Directors held on August 9, 2022 include dividends of ¥7 million for shares of the Company held by Custody Bank of Japan, Ltd. as the trust assets of a stock compensation plan.

(2) Dividends that will be Effective in the Following Year of the Record Date

Resolution	Type of shares	Resources of dividends	Total dividends (Millions of yen)	Dividend per share (Yen)	Record date	Effective date
Annual General Meeting of Shareholders held on March 28, 2023	Ordinary shares	Retained earnings	29,395	58.00	Dec 31, 2022	Mar 29, 2023

Total amount ¥29,395 million of dividends by a resolution of Annual General Meeting of Shareholders held on March 28, 2023 include dividends of ¥7 million for shares of the Company held by Custody Bank of Japan, Ltd. as the trust assets of a stock compensation plan.

23. Share-based Payments

The Company has implemented Stock Compensation Plan.

(1) Details of Share Compensation Plan

In order to increase motivation to work toward sustainable growth and increase corporate value over the mid- to long-term of the Group, the Company introduced a Stock Compensation Plan ("the Plan"). Under the Plan, the Company will grant share points (one point = one share) to directors that fulfill certain criteria, and shares of the Company will be delivered to them on their retirement in exchange for the cumulative number of share points granted to them. Shares are distributed or payments are made in cash as compensation under the Plan, therefore there is no exercise price under the Plan.

Based on the Share Distribution Regulations, the number of share points are calculated according to the position and the role, and are granted to each director excluding outside directors on the date of the board meeting held for approval of financial results each year during the term of the trust.

On September 25, 2020 and on May 24, 2022 the Company additionally contributed cash to the trust, which was already established on December 28, 2016. The trust will be funded with the cash contribution (and, if there is any cash remaining in the trust before the additional contribution, that remaining cash) in order to acquire shares of the Company. Shares of the Company will be distributed by the trust to each director when they complete the beneficiary determination procedures as prescribed on their retirement. However, a certain proportion of such shares will be sold and converted into cash by the trust, and will be distributed in cash instead of the shares to directors. Also, the trust is allowed to make a distribution in cash instead of shares when shares of the Company held by the trust are sold for a tender offer or any other reasons.

With regard to the stock compensation plan for the period from the fiscal year ended on the last day of December 2016 to the fiscal year ended on the last day of December 2018, the number of points to be granted is calculated based on the Share Distribution Regulations by referring to the position of each director excluding outside directors and the level of achievement of target basic earnings per share (EPS) for the year that is the subject of evaluation. The aggregate number of share points to be granted by the Company to directors shall be 21,000 points at a maximum for each year.

With regard to the stock compensation plan for the period from the fiscal year ended on the last day of December 2019 to the fiscal year ending on the last day of December 2021, based on the Share Distribution Regulations, the number of share points are calculated according to the position and the role, and are granted to each director excluding outside directors on the date of the board meeting held for approval of financial results each year during the term of the trust. The aggregate number of share points to be granted by the Company to directors shall be 25,000 points at a maximum for each year.

With regard to the stock compensation plan for the period from the fiscal year ended on the last day of December 2022 to the fiscal year ending on the last day of December 2024, based on the Share Distribution Regulations, the number of share points are calculated according to the position and the role, and are granted to each director excluding outside directors on the date of the board meeting held for approval of financial results each year during the term of the trust. The aggregate number of share points to be granted by the Company to directors shall be 37,500 points at a maximum for each year.

Transactions settled by shares under the Plan are accounted for as equity-settled share-based payment transactions and those settled in cash as cash-settled share-based payment transactions. The Company recognized ¥68 million (previous year: ¥61 million) as share-based payment expense in selling, general and administrative expenses in the current year, and recognized in capital surplus. The Company recognized ¥17 million (previous year: ¥15 million) as cash-based payment expense in selling, general and administrative expenses in the current year, and ¥72 million (previous year: ¥60 million) were recognized in other non-current liabilities, respectively.

(2) Change in Number of Share Points and Weighted Average Fair Value of the Share Points

The number of share points and the weighted average fair value of the share points for each year are as follows. Due to the fact that the fair value on the date that the share points are granted is approximately the same as the stock price on the date that the share points are granted, the share price on the date that the share points are granted has been used.

	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Change in number of share points:		
Unexercised balance at beginning of year	77,298 Points	67,038 Points
Increase due to grant of share points	19,690 Points	19,995 Points
Decrease due to exercise of share points	(29,950) Points	(1,518) Points
Decrease due to lapse of share points	—	—
Unexercised balance at end of year	67,038 Points	85,515 Points
Exercisable balance at end of year	67,038 Points	85,515 Points
Weighted average fair value:	¥4,474	¥4,119

24. Revenue

(1) Revenue Analysis and Reconciliation to Segment Revenue

The Group has broken down the reportable segments of "Japan," "Europe," "Oceania," and "Southeast Asia," into the categories of "Manufacture and sales of alcohol beverages," "Manufacture and sales of soft drinks," "Manufacture and sales of food and pharmaceuticals," and "Other," depending on the type of goods and services.

The "Other" category includes the logistics business, restaurant business and others in "Japan" segment.

Previous Year (ended December 31, 2021)

Millions of yen						
	Manufacture and sales of alcohol beverages	Manufacture and sales of soft drinks	Manufacture and sales of food and pharmaceuticals	Other	Elimination of intersegment revenue	Total
Japan	681,394	367,436	114,330	56,221	(3,856)	1,215,527
Europe	474,383	—	—	—	(2,155)	472,227
Oceania	390,488	109,506	—	—	(270)	499,723
Southeast Asia	—	42,684	—	—	(49)	42,635
Other	1,656	1,204	—	3,101	—	5,962
Consolidated	1,547,922	520,832	114,330	59,323	(6,332)	2,236,076

Current Year (ended December 31, 2022)

Millions of yen						
	Manufacture and sales of alcohol beverages	Manufacture and sales of soft drinks	Manufacture and sales of food and pharmaceuticals	Other	Elimination of intersegment revenue	Total
Japan	742,474	378,549	117,296	63,411	(4,534)	1,297,197
Europe	573,875	—	—	—	(1,213)	572,662
Oceania	450,971	132,195	—	—	(2,321)	580,845
Southeast Asia	—	51,680	—	—	(40)	51,639
Other	3,281	1,945	—	3,536	—	8,764
Consolidated	1,770,604	564,370	117,296	66,947	(8,110)	2,511,108

(Note for changes in reportable segments)

Some of the companies changed the reportable segments in the current year, and accordingly the amount shown in segment information for the previous year reflected the changes in reportable segments. Please refer to "6. Segment Information" for details.

(2) Transaction Price Allocated to Remaining Performance Obligations

Due to the fact that the Group does not have material transactions whose expected contract periods exceed one year individually, the Group uses the practical expedient, and has omitted information regarding remaining performance obligations.

In addition, among consideration arising from contracts with customers, there are no material amounts not included in transaction price.

25. Selling, General and Administrative Expenses

Selling, general and administrative expenses are analyzed as follows:

Millions of yen		
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Promotion expense	103,810	108,635
Advertising	81,211	86,744
Transportation	88,222	103,037
Employee benefits expense	171,645	181,970
Depreciation and amortization expenses	67,638	69,447
Other	122,412	128,182
Total	634,940	678,018

26. Other Operating Income and Expense

'Other operating income' and 'Other operating expense' are analyzed as follows:

(1) Other Operating Income

Millions of yen		
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Gains on sales of property, plant and equipment	38,804	14,541
Other	7,251	2,309
Total	46,055	16,850

(2) Other Operating Expense

Millions of yen		
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Losses on disposals of property, plant and equipment	7,720	5,001
Impairment losses	13,442	18,490
Other (Note)	30,932	20,127
Total	52,096	43,619

(Note) Other in the previous year and the current year include expenses related to domestic and overseas business restructuring, and related to COVID-19 pandemic, such as expenses associated with disposal of inventory, cancellation of events, disinfection, and other expenses.

27. Finance Income and Finance Costs

'Finance income' and 'Finance costs' are analyzed as follows:

(1) Finance Income

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Interest received (Note)	818	953
Dividends received		
Financial assets measured at fair value through other comprehensive income	2,062	1,703
Gains on change in fair value of derivatives		
Financial assets measured at fair value through profit or loss	1,358	2,842
Foreign exchange gain	1,515	—
Total	5,754	5,498

(Note) This is principally due to interest received on financial assets measured at amortized cost.

(2) Finance Costs

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Interest paid (Note)	12,700	12,306
Loss on change in fair value of derivatives		
Financial liabilities measured at fair value through profit or loss	2,774	1,326
Foreign exchange loss	—	228
Other	3,041	3,360
Total	18,516	17,221

(Note) This is principally due to interest paid on financial liabilities measured at amortized cost.

28. Income Taxes

(1) Deferred Tax Assets and Deferred Tax Liabilities

'Deferred tax assets' and 'Deferred tax liabilities' are mainly composed of the following

Previous Year (ended December 31, 2021)

	Millions of yen				
	Balance as of January 1, 2021	Recognized in profit or loss	Recognized in Other Comprehensive Income	Other (Note)	Balance as of December 31, 2021
Deferred tax assets					
Loss allowance for credit losses	1,249	(291)	—	0	957
Retirement benefits	9,294	(1,335)	(2,012)	75	6,021
Property, plant and equipment and intangible assets	44,472	8,813	—	188	53,474
Unused tax losses	3,491	(2,346)	—	55	1,201
Income tax payable-enterprise tax	1,195	311	—	35	1,542
Accrued bonus	1,832	(35)	—	36	1,832
Other	24,473	14,868	971	498	40,811
Total of Deferred tax assets	86,009	19,984	(1,041)	889	105,842
Deferred tax liabilities					
Property, plant and equipment and intangible assets	(237,679)	11,033	—	(8,131)	(234,778)
Equity instruments	(10,312)	(0)	(3,670)	(1,147)	(15,129)
Retained earnings of subsidiaries and associates	(91)	91	—	—	—
Other	(15,605)	(3,926)	(2,920)	(2,512)	(24,965)
Total of Deferred tax liabilities	(263,688)	7,198	(6,590)	(11,791)	(274,872)
Net amount of Deferred tax assets and Deferred tax liabilities	(177,679)	27,182	(7,632)	(10,901)	(169,030)

(Note) Amounts in the column 'Other' are primarily deferred tax assets and deferred tax liabilities recognized through business combination. Exchange rate fluctuations are also included in 'Other'.

Current Year (ended December 31, 2022)

	Millions of yen				
	Balance as of January 1, 2022	Recognized in profit or loss	Recognized in Other Comprehensive Income	Other (Note)	Balance as of December 31, 2022
Deferred tax assets					
Loss allowance for credit losses	957	(11)	—	16	962
Retirement benefits	6,021	143	(1,636)	397	4,927
Property, plant and equipment and intangible assets	53,474	10,650	—	874	64,999
Unused tax losses	1,201	1,071	—	(5)	2,267
Income tax payable-enterprise tax	1,542	(278)	—	23	1,287
Accrued bonus	1,832	(29)	—	89	1,892
Other	40,811	2,311	10,102	1,005	54,231
Total of Deferred tax assets	105,842	13,857	8,465	2,401	130,567
Deferred tax liabilities					
Property, plant and equipment and intangible assets	(234,778)	5,859	—	(17,522)	(246,440)
Equity instruments	(15,129)	—	(1,218)	922	(15,425)
Retained earnings of subsidiaries and associates	—	(459)	—	—	(459)
Other	(24,965)	1,046	1,040	(3,971)	(26,848)
Total of Deferred tax liabilities	(274,872)	6,447	(177)	(20,571)	(289,174)
Net amount of Deferred tax assets and Deferred tax liabilities	(169,030)	20,305	8,288	(18,169)	(158,606)

(Note) Amounts in the column 'Other' is primarily exchange rate fluctuations.

Deductible temporary differences, unused tax losses and unused tax credits for which no deferred tax asset is recognized are as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Deductible temporary differences	122,697	96,598
Unused tax losses		
Expires within 1 year	34	1,651
Expires between 1 and 5 years	1,759	5,585
Expires after 5 years	5,893	5,130
Total	7,687	12,368

A deferred tax liability is not recognized for taxable temporary difference associated with investments in subsidiaries if the Group is able to control the timing of the reversal of the temporary difference and it is probable that the temporary difference will not reverse in the foreseeable future. Taxable temporary differences associated with investments in subsidiaries which deferred tax liabilities are not recognized for are ¥343,669 million (¥272,795 million in the previous year ended December 31, 2021).

The group applies a consolidated tax return filing system in Japan. The above does not include deductible temporary differences and unused tax losses that do not result in recognition of deferred tax assets associated with local taxes (inhabitant tax and enterprise tax), which is not within the scope of above-mentioned system. The amount of deductible temporary differences associated with local taxes (inhabitant tax and enterprise tax) is ¥114,968 million (¥76,096 million in the previous year ended December 31, 2021) and the amounts of unused tax losses derived from inhabitant tax and enterprise tax are ¥14,401 million (¥19,898 million in the previous year ended December 31, 2021) and ¥21,283 million (¥22,480 million in the previous year ended December 31, 2021), respectively.

Unused tax losses derived from inhabitant tax and enterprise tax expire principally in 10 years from their origination.

(2) Tax Expense

Tax expense is analyzed as follows:

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Current tax expense		
Current year	73,185	74,544
Total of current tax expense	73,185	74,544
Deferred tax expense		
Recognition and reversal of temporary differences	(16,605)	(18,455)
Revision of recoverability of deferred tax assets	(10,605)	(1,527)
Change in tax rate	28	(286)
Total deferred tax expense	(27,182)	(20,269)
Total	46,003	54,275

Differences between the effective statutory tax rate and the average effective tax rate are analyzed as follows:

	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Effective statutory tax rate	30.6%	30.6%
Tax rate effect of foreign subsidiaries	(5.0)%	(3.5)%
Tax effect of non-taxable or non-deductible items for tax purposes	0.8%	(0.0)%
Tax effect from revision of recoverability of deferred tax assets	(5.3)%	(0.7)%
Profit (loss) of entities accounted for using equity method	(0.1)%	0.1%
Tax effect from change in tax rate	0.0%	(0.1)%
Impairment of goodwill	1.7%	0.0%
Retained earnings of subsidiaries and associates	0.3%	0.2%
Other	(0.1)%	(0.2)%
Average effective tax rate	23.0%	26.3%

Income tax, inhabitant tax and enterprise tax are main components of income taxes imposed on the Group, and the effective statutory tax rate based on those taxes is 30.6%. Foreign subsidiaries are subject to income taxes in the tax jurisdiction that it is located.

29. Earnings per Share

(1) Basic and Diluted Earnings per Share

	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Basic earnings per share (Yen)	302.92	299.10
Diluted earnings per share (Yen)	302.89	299.06

(2) Basis of Calculation for Basic and Diluted Earnings per Share

	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Profit attributable to owners of parent (Millions of yen)	153,500	151,555
Weighted average number of ordinary shares outstanding (Shares)	506,732,965	506,701,382
Effect of dilution (Shares):		
Trust for share issuance to executives	47,207	65,814
Adjusted weighted average number of ordinary shares outstanding (Shares)	506,780,172	506,767,196
Description of equity instruments not included in calculation of diluted earnings per share because they were not dilutive for the year	—	—

30. Other Comprehensive Income

Other comprehensive income and related tax effects are analyzed as follows:

	Millions of yen					
	Previous year (ended December 31, 2021)			Current year (ended December 31, 2022)		
	Before Tax	Tax Effects	After Tax	Before Tax	Tax Effects	After Tax
Items that will not be reclassified to profit or loss						
Changes in fair value of financial instruments measured at fair value through other comprehensive income						
Increase and decrease	(4,410)	(3,670)	(8,080)	(2,210)	1,218	(991)
Changes	(4,410)	(3,670)	(8,080)	(2,210)	1,218	(991)
Remeasurements of defined benefit plans						
Increase and decrease	6,620	(2,012)	4,607	5,412	(1,636)	3,776
Changes	6,620	(2,012)	4,607	5,412	(1,636)	3,776
Items that might be reclassified to profit or loss						
Cash flow hedges						
Increase and decrease	5,835	(762)	5,072	(4,021)	1,207	(2,814)
Reclassification to profit or loss	(2)	0	(1)	(73)	22	(50)
Changes	5,833	(762)	5,071	(4,095)	1,230	(2,865)
Costs of hedging						
Increase and decrease	345	(105)	240	179	(54)	124
Reclassification to profit or loss	(97)	29	(67)	(2)	0	(1)
Changes	248	(76)	172	176	(54)	122
Translation differences on foreign operations						
Increase and decrease	137,929	1,778	139,707	201,135	8,731	209,867
Reclassification to profit or loss	—	—	—	—	—	—
Changes	137,929	1,778	139,707	201,135	8,731	209,867
Share of other comprehensive income of entities accounted for using equity method						
Increase and decrease	319	—	319	155	—	155
Reclassification to profit or loss	—	—	—	—	—	—
Changes	319	—	319	155	—	155
Total other comprehensive income	146,542	(4,743)	141,799	200,574	9,489	210,063

31. Financial Instruments

(1) Capital Management

The Group's purpose for capital management is to maintain its ability to continue as a going concern in order to provide returns to shareholders, grant benefits to other stakeholders and maintain the most appropriate capital structure for reducing capital cost.

In order to maintain or adjust the capital structure, the Group may adjust the amount of dividends paid to shareholders, redeem the capital to shareholders, issue new shares, or sell assets to reduce debts.

The Group monitors the capital based on the capital and liabilities ratio. This ratio is calculated by dividing the amount of net liabilities by the capital. The amount of net liabilities is calculated by deducting cash and cash equivalents from interest-bearing debts. The capital shall be the "equity" presented in the consolidated statement of financial position (equity attributable to owners of parent).

The capital and liabilities ratios are as follows:

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Interest-bearing debts	1,725,151	1,635,238
Less: Cash and cash equivalents	(52,743)	(37,438)
Net liabilities	1,672,407	1,597,800
Equity attributable to owners of parent	1,757,104	2,060,734
The capital and liabilities ratio	95.2%	77.5%

There are no capital adequacy requirements imposed by external organizations on the Group.

(2) Risk Management

The Group's activities are exposed to various financial risks such as market risks (including foreign exchange risk, price risk and interest rate risk), credit risks and liquidity risks. The Group's risk management policy focuses on the unpredictability of financial markets and minimize the potentially adverse impact on the Group's financial performance. The Group uses derivative transactions to hedge certain risk exposures.

The Company and its principal consolidated subsidiaries procure necessary funds via loans from financial institutions and by issuing commercial papers and bonds, while taking into account the balance between direct and indirect financing or the balance between short- and long-term debt from the perspective of fund procurement cost and risk diversification in response to changes in the business environment. To use funds efficiently in the entire Group, the Company and its principal consolidated subsidiaries have introduced a cash management system to reduce consolidated interest-bearing debt. If surplus funds are generated temporarily, the Company invests it only in safe financial instruments.

The Group uses derivative transactions to the extent of balances of foreign currency denominated assets and liabilities and bonds and borrowings, as means to mitigate foreign exchange risk, price risk of raw materials and others and interest rate risk, as well as to reduce fund procurement cost. When using derivative transactions, in principle, the Company trades only with financial institutions with high credit ratings.

At the Company, the Finance Section is in charge of executing and managing derivative transactions, in accordance with internal rules. Contracts on each derivative transaction are entered into after approval is received in accordance with the internal authorization criteria.

The Finance Section reviews the status of derivative transactions including the content and balances, and reports it to the General Manager of the Finance Section and the Officer in charge of finance as needed.

The consolidated subsidiaries also enter into such agreements in accordance with the Group's authorization criteria, and the Company reviews their status based on reports submitted by them on a regular basis.

(i) Market Risks

a. Foreign Exchange Risk

The Group conducts business activities internationally and is exposed to foreign exchange risk mainly related to US dollar, euro, Czech koruna and Australian dollar. Foreign exchange risk arises from forecast transactions such as future purchase, sale, financing and repayment or assets and liabilities that have already been recognized.

The Group uses foreign exchange contracts and currency swaps to mitigate foreign exchange risk. Hedge accounting is applied to the transactions that qualify for hedge accounting. When designating hedging instruments, the Group classifies the currency basis spread of currency swaps and the forward element of forward exchange contracts as costs of hedging for accounting treatment, and records them as costs of hedging, which are an independent item of other components of equity.

Although receivables, payables and others denominated in a foreign currency have a risk of foreign exchange fluctuations, the impact is limited since the risk is offset with the exchange contracts.

Exposure to Foreign Exchange Risk

The exposure to the US dollar, euro, Czech koruna and Australian dollar, which are major foreign currencies of the companies in the Group that use Japanese yen as the functional currency, is as follows. These amounts do not include amounts associated with foreign exchange risk, which are hedged by derivative transactions, etc.

Functional currency: Japanese yen

	Millions of yen			
	Previous year (as of December 31, 2021)			
	US dollar	Euro	Czech koruna	Australian dollar
Net exposure	207	2,051	4	404

	Millions of yen			
	Current year (as of December 31, 2022)			
	US dollar	Euro	Czech koruna	Australian dollar
Net exposure	532	2,234	7	537

In addition to the above, the major exposure to foreign exchange risk of subsidiaries that use euro as the functional currency is described below.

Functional currency: Euro

	Millions of yen	
	Previous year (as of December 31, 2021)	
	US dollar	Czech koruna
Net exposure	(2)	9

	Millions of yen	
	Current year (as of December 31, 2022)	
	US dollar	Czech koruna
Net exposure	1,875	(1,981)

Sensitivity Analysis

Assuming that the Japanese yen appreciates by 1% against the US dollar, euro, Czech koruna and Australian dollar, it will affect net profit of the Group as follows. The effect will be reversed in cases of depreciation by 1% given that all other variables remain constant.

Functional currency: Japanese yen

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
US dollar	(1)	(4)
Euro	(14)	(15)
Czech koruna	(0)	(0)
Australian dollar	(2)	(4)

Assuming that the euro appreciates by 1% against the US dollar and Czech koruna, it will affect net profit of the Group as follows. The effect will be reversed in case of depreciation by 1% given that all other variables remain constant.

Functional currency: Euro

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
US dollar	0	(15)
Czech koruna	(0)	16

b. Price Risk

The Group is exposed to price risk of equity instruments since it holds investments classified as the category measured at fair value in the consolidated statement of financial position. To manage price risk arising from investments in equity instruments, the Group regularly keeps track of fair value, financial conditions of issuers and others, and also reviews the overall status on an ongoing basis.

The Group has no equity instruments held for short-term trading and does not intend to actively trade these investments.

With an increase or a decrease in share price of 5% and all other variables remaining constant, other components of equity (before tax) will increase or decrease by ¥3,887 million (previous year: ¥3,821 million) as a result of changes in fair value.

Furthermore, the Group is exposed to price risk of raw materials and others since prices of major raw materials used in its products fluctuate according to weather, natural disaster and other factors. The Group engages in commodity swap transactions to mitigate risks of fluctuations in prices of raw materials and others. Although commodity swap transactions used by the Group have risks of fluctuations in market prices of commodities, price risk is limited because these risks are offset with risks of fluctuations in market prices of commodities in association with trade payables of those commodities that the Group has.

c. Interest Rate Risk

The Group raises funds with variable interest rates and is exposed to interest rate risk. Interest rate risk mainly arises from non-current borrowings.

The Group uses interest rate swaps, which substantially fix interest rates, to mitigate interest rate risk. Hedge accounting is applied to the transactions that qualify for hedge accounting.

Assuming that interest rates fluctuate by 1% for financial instruments held by the Group at the end of the current year, it will affect on net profit as set out below. The analysis relates only to the financial instruments influenced by interest-rate fluctuation, and given that the other factors such as foreign exchange effects remain constant. The table below shows a sensitivity analysis for the outstanding balance of floating rate borrowings less the balance whose interest rate is practically fixed by an interest rate swap.

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Net profit	1,085	957

(ii) Credit Risk

The Group is exposed to credit risks for trade receivables (notes and accounts receivable-trade), other receivables (accounts receivable-other) and other financial assets (operating loans and others).

In accordance with the accounting regulations, the Group regularly monitors the status of major business partners for trade receivables and operating loans and routinely checks the management status of deadlines and balances for each business partner. The Group also monitors credit-impaired financial assets and their collection status.

When executing derivative transactions, in principle, the Group trades only with financial institutions with high credit ratings to mitigate credit risk.

The Group classifies receivables based on credit risk profile to calculate loss allowance.

For trade receivables, loss allowance is always recognized at the amount equal to lifetime expected credit losses. For receivables other than trade receivables, loss allowance is recognized at the amount equal to 12-month expected credit losses, in principle. However, in cases such as overdue, because the credit risk is considered to have significantly increased from the initial recognition, loss allowance is recognized at the amount equal to lifetime expected credit losses. For those receivables other than trade receivables which calculate loss allowance equal to 12-month expected credit losses are all calculated in a collective basis.

The amount of loss allowance is calculated as follows:

- Trade receivables

The simplified approach is applied. The Group categorizes receivables according to credit risk profile of the counterparty and calculates loss allowance by multiplying the receivables by the provision rate, which is determined by adding projection of future economic conditions and others to the historical rate of credit losses calculated according to the category.
- Receivables other than trade receivables

The general approach is applied. Loss allowance for receivables for which the credit risk is not considered to have significantly increased is calculated by multiplying the carrying amount by the provision rate, which is determined by adding projection of future economic conditions and others to the historical rate of credit losses for similar assets. For assets for which the credit risk is considered to have significantly increased and credit-impaired financial assets, loss allowance is calculated as difference between the amount of the present value, which is computed by discounting estimated future cash flows using the original effective interest rate of the asset, and the carrying amount.

Carrying amounts of financial assets subject to impairment and the amount of loss allowance are as follows:

Trade and Other Receivables

Carrying amount	Millions of yen		
	Financial assets with loss allowance measured at 12-month expected credit losses	Financial assets with loss allowance measured at lifetime expected credit losses	Financial assets to which the simplified approach is applied
Previous year (as of January 1, 2021)	25,091	412	360,450
Previous year (as of December 31, 2021)	23,524	214	381,435
Current year (as of December 31, 2022)	28,719	163	396,918

Financial assets with loss allowance measured at lifetime expected credit losses consist mainly of credit-impaired financial assets.

Credit Risk Rating

The credit risk rating of financial assets with loss allowance measured at lifetime expected credit losses is relatively low compared to that of financial asset with loss allowance measured at 12-month expected credit losses, whereas that of financial assets to which the simplified approach is applied is equivalent to that of financial asset with loss allowance measured at 12-month expected credit losses. Credit risk of financial assets within the same stage is approximately the same.

The Group includes impairment losses related to credit risk in "Other operating expense" in the consolidated statement of profit or loss in the light of its immateriality.

Loss allowance	Millions of yen		
	Financial assets with loss allowance measured at 12-month expected credit losses	Financial assets with loss allowance measured at lifetime expected credit losses	Financial assets to which the simplified approach is applied
Previous year (as of January 1, 2021)	150	372	6,506
Increase	143	1	2,386
Utilization	(378)	(3)	(515)
Reversal	(15)	(73)	(1,899)
Other	294	4	2,223
Previous year (as of December 31, 2021)	195	302	8,701
Increase	16	0	1,354
Utilization	0	(60)	(2,579)
Reversal	(18)	(2)	(1,257)
Other	(174)	117	3,529
Current Year (as of December 31, 2022)	19	356	9,748

Other Financial Assets

Carrying amount	Millions of yen	
	Financial assets with loss allowance measured at 12-month expected credit losses	Financial assets with loss allowance measured at lifetime expected credit losses
Previous year (as of January 1, 2021)	10,015	2,089
Previous year (as of December 31, 2021)	9,986	2,067
Current year (as of December 31, 2022)	9,626	1,937

Financial assets with loss allowance measured at lifetime expected credit losses consist mainly of credit-impaired financial assets.

Credit Risk Rating

The credit risk rating of financial assets with loss allowance measured at lifetime expected credit losses is relatively low compared to that of financial asset with loss allowance measured at 12-month expected credit losses. Credit risk of financial assets within the same stage is approximately the same.

The Group includes impairment loss related to credit risk in "Other operating expense" in the consolidated statement of profit or loss in the light of its immateriality.

Loss allowance	Millions of yen	
	Financial assets with loss allowance measured at 12-month expected credit losses	Financial assets with loss allowance measured at lifetime expected credit losses
Previous year (as of January 1, 2021)	44	830
Increase	67	61
Utilization	—	—
Reversal	(126)	(433)
Other	242	(4)
Previous year (as of December 31, 2021)	227	454
Increase	10	98
Utilization	(32)	(0)
Reversal	(69)	(56)
Other	13	2
Current year (as of December 31, 2022)	149	499

Effect of Significant Changes in Gross Carrying Amount of Financial Instruments during the Year

There was no significant increase or decrease in gross carrying amount of the financial instruments which contributed to changes in the loss allowance during the previous year and the current year.

Maximum Exposure to Credit Risk

The maximum exposure to the credit risk associated with financial assets is the carrying amount presented in the consolidated statement of financial position unless considering collateral and other credit enhancement held by the Group as of the reporting date. The maximum exposure to the credit risk with guarantees is as follows:

Guarantees	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
Guarantees	22	18

Provision for expected credit losses on financial guarantees which may occur as a result of fulfillment of debt guarantee contracts stated above is not recorded because the amount is not expected to be material.

The amount of collateral and other credit enhancement held as a guarantee for the credit-impaired financial assets at the end of the fiscal period is ¥2,567 million at the end of the current year (¥2,434 million in the previous year ended December 31, 2021).

The collateral held as guarantee is mainly composed of deposit money.

(iii) Liquidity Risk

The Group raises funds via loans and by issuing commercial papers and bonds, and is exposed to liquidity risk, which means there is a possibility the Group fails to make payment on the due date due to deterioration in the fund procurement environment.

Since the Company and its principal consolidated subsidiaries have introduced the cash management system, the Company manages liquidity risks of those companies participating in this system.

Based on reports from each Group company, the Company creates its cash management plan and updates the plan on a timely basis. The Group monitors an ongoing forecast for fund demand, while always maintaining sufficient margin in the unused portion of the contractual credit line and ensuring that all loan agreements do not conflict with the borrowing limits or covenants (if applicable). In these forecasts, the Group takes into account its borrowing and financing plan, compliance with covenants, adherence to internal targets for the statements of financial position ratio as well as applicable external regulatory and statutory requirements, such as a regulation of currency, if any.

Surplus that the Company and its principal consolidated subsidiaries hold in excess of the balance necessary for management of working capital is managed at the Group level under the cash management system. The Group chooses financial instruments with appropriate maturity and liquidity, and makes investments in current deposits, time deposits, money market deposits and marketable securities to ensure a sufficient margin determined in the above forecast.

Maturity analysis of non-derivative financial liabilities and net-settled derivative liabilities held by the Group based on the remaining period to the maturity is as follows:

Previous Year (as of December 31, 2021)

Millions of yen								
	Carrying amount	Contractual cash flow	Within 1 year	1-2 years	2-3 years	3-4 years	4-5 years	More than 5 years
Trade and other payables	531,573	531,573	531,573	—	—	—	—	—
Bonds and borrowings	1,596,204	1,627,739	429,428	148,154	328,551	130,690	75,167	515,746
Derivative liabilities	2,424	2,424	2,091	122	18	192	—	—

Current Year (as of December 31, 2022)

Millions of yen								
	Carrying amount	Contractual cash flow	Within 1 year	1-2 years	2-3 years	3-4 years	4-5 years	More than 5 years
Trade and other payables	591,869	591,869	591,869	—	—	—	—	—
Bonds and borrowings	1,497,310	1,536,552	373,315	346,456	137,584	75,428	168,668	435,099
Derivative liabilities	6,399	6,399	4,620	1,182	118	—	—	477

(3) Fair Value of Financial Instruments

In fair value measurement, the Group uses observable market data whenever available. The fair value measurement is categorized into any of the following levels based on the level of the input:

Level 1: Input consisting of unadjusted quoted prices in active markets for identical assets and liabilities

Level 2: Input consisting of directly or indirectly observable prices other than market prices used in level 1

Level 3: Input that is not based on observable market data

Reclassification between levels in the fair value hierarchy is recognized on the date of the event or change in circumstances that caused the reclassification.

The carrying amounts and fair values of financial instruments not measured at fair value in the financial statements are as follows:

	Millions of yen			
	Previous year (as of December 31, 2021)		Current year (as of December 31, 2022)	
	Carrying amount	Fair value	Carrying amount	Fair value
Long-term loans receivable	1,666	1,582	2,423	2,317
Long-term borrowings	197,997	197,978	146,678	146,689
Bonds	1,165,905	1,176,248	1,126,329	1,074,992

Each of the amounts in the above table includes the portion scheduled to be collected, repaid, or redeemed within one year. Financial instruments for which the carrying amount is reasonably approximate to the fair value, and lease liabilities, are not included in the table above.

The fair value of long-term loans receivable is calculated by discounting the expected amount of principal and interest receivable by the interest rate expected if a similar new loan were to be issued, thereby deriving the present value.

The fair value of long-term borrowings is calculated by discounting the total amount of principal and interest by the interest rate expected if a similar new borrowing were to be taken out, thereby deriving the present value.

The fair value of bonds is set to market prices when market prices are available.

In the above fair value measurement, bonds are classified into Level 2, while others are classified into Level 3. For bonds in Level 2, fair value is estimated using the reference trading statistics of Japan Securities Dealers Association and others. Fair value of financial instruments in Level 3 is measured by discounting contractual cash flows using the market interest rate, and the difference with carrying amount is due to a difference between the market interest rate and the contractual interest rate.

Financial assets and liabilities measured at fair value are as follows:

Please note that the figures in the table below include carrying amounts included in "Assets held for sale".

Previous Year (as of December 31, 2021)

Millions of yen				
	Level 1	Level 2	Level 3	Total
Assets				
Derivatives designated as hedging instruments	—	7,025	4,088	11,113
Derivatives not designated as hedging instruments	—	15	—	15
Equity instruments	76,425	55	40,461	116,942
Others	—	807	—	807
Total assets	76,425	7,903	44,549	128,878
Liabilities				
Derivatives designated as hedging instruments	—	1,758	—	1,758
Derivatives not designated as hedging instruments	—	666	—	666
Contingent consideration	—	—	27,863	27,863
Total liabilities	—	2,424	27,863	30,288

There were no material transfers between Levels 1 and 2 during the year.

Current Year (as of December 31, 2022)

Millions of yen				
	Level 1	Level 2	Level 3	Total
Assets				
Derivatives designated as hedging instruments	—	7,983	5,514	13,498
Derivatives not designated as hedging instruments	—	1,779	—	1,779
Equity instruments	77,755	52	29,907	107,715
Others	—	1,415	—	1,415
Total assets	77,755	11,230	35,422	124,408
Liabilities				
Derivatives designated as hedging instruments	—	5,191	—	5,191
Derivatives not designated as hedging instruments	—	1,208	—	1,208
Contingent consideration	—	—	31,028	31,028
Total liabilities	—	6,399	31,028	37,427

There were no material transfers between Levels 1 and 2 during the year.

The fair value of financial instruments traded in active markets is the quoted market prices at the end of the fiscal period. The financial instruments are categorized into Level 1. Financial instruments categorized into Level 1 comprise primarily equity instruments traded in active markets.

The fair value of financial instruments that are not traded in an active market (for example, interest rate swaps and foreign exchange contracts) is determined by using another valuation technique which maximizes the use of observable market input and minimizes the use of entity specific estimates as much as possible. Derivative financial instruments are primarily valued based on the price indicated from financial institutions. If all significant inputs are observable, the financial instrument is categorized into Level 2. If one or more of the significant inputs is not based on observable market data, the financial instrument (for example, an equity instrument that is not traded in an active market) is categorized into Level 3. These financial instruments are primarily valued with the comparable company analysis method or the discounted cash flow

method, using inputs that are reasonably available and that many market participants consider reasonable. Contingent consideration is calculated based on expected payment by taking into account future business performance.

The principal unobservable input used in calculating the fair value of instruments classified as Level 3 is equity instruments of the price book-value ratio in the comparable company analysis method, which is distributed in a range from 0.6 times to 1.6 times (from 0.6 times to 1.5 times in the previous year).

Each calculation model used for fair value measurement is annually reviewed by the Finance Section. The Group also engages a review, if necessary, by an external independent specialist of fair value measurement. The Group sometimes use internal estimates in fair value measurement. Various analyses are performed for internal estimates such as time-series comparison to review appropriateness of these estimates, and then the Chief Financial Officer reviews the details as needed.

The Group analyzes changes in fair value measurements (including Level 3) based on factors such as inputs. The result of fair value measurements and the calculation processes (including assessments of valuation performed by a third party) as well as the results of analysis for the factors which caused the changes in the fair value are reported to Chief Financial Officer, and then the Officer reviews them and reports to the Board of Directors as necessary.

As to financial instruments categorized into Level 3, significant changes in fair value are not expected in case that an unobservable input is replaced by a reasonable alternative assumption.

Financial instruments categorized into Level 3 are analyzed as follows:

Previous Year (ended December 31, 2021)

	Millions of yen		
	Equity instruments measured at fair value through other comprehensive income	Derivatives	Financial liabilities measured at fair value through in profit or loss
Balance of assets (liabilities) at beginning of period	66,338	1,193	(25,930)
Gains (losses) recognized in profit or loss	—	—	(3,021)
Gains (losses) recognized in other comprehensive income	(431)	2,894	(1,511)
Purchases	28	—	—
Sales	(25,474)	—	—
Settlements	—	—	1,666
Other	—	—	932
Balance of assets (liabilities) at end of period	40,461	4,088	(27,863)
Of gains (losses) recognized in profit or loss: Gains (losses) for assets and liabilities held at end of period	—	—	(3,021)

(Note) Financial liabilities measured at fair value through profit or loss within gains and losses recognized in other comprehensive income are included in "Translation differences on foreign operations" in the consolidated statement of comprehensive income.

Current Year (ended December 31, 2022)

	Millions of yen		
	Equity instruments measured at fair value through other comprehensive income	Derivatives	Financial liabilities measured at fair value through in profit or loss
Balance of assets (liabilities) at beginning of period	40,461	4,088	(27,863)
Gains (losses) recognized in profit or loss	—	—	(3,284)
Gains (losses) recognized in other comprehensive income (Note)	(4,602)	1,426	(2,073)
Purchases	2,034	—	—
Sales	(8,870)	—	—
Settlements	—	—	2,193
Other	885	—	—
Balance of assets (liabilities) at end of period	29,907	5,514	(31,028)
Of gains (losses) recognized in profit or loss: Gains (losses) for assets and liabilities held at end of period	—	—	(3,284)

(Note) Financial liabilities measured at fair value through profit or loss within gains and losses recognized in other comprehensive income are included in "Translation differences on foreign operations" in the consolidated statement of comprehensive income.

(4) Derivatives and Hedge Accounting

Hedge accounting conducted in the Group's risk management is described in '(2) Risk Management'.

(i) Effect on the Consolidated Statement of Financial Position

Effect of derivatives designated as hedging instruments is set out below. Carrying amounts of derivatives designated as hedging instruments are measured at fair value and included in 'Other financial assets' or 'Other financial liabilities' or 'Bonds and borrowings' in the consolidated statement of financial position.

Previous Year (as of December 31, 2021)

Hedge type	Hedging instrument	Notional amount (Millions of yen)	Carrying amount (fair value)	
			Assets (Millions of yen)	Liabilities (Millions of yen)
Cash flow hedge	Foreign exchange contract	154,764	1,166	1,153
	Currency swap	82,816	866	392
	Commodity swap	30,876	9,080	212
Total		268,457	11,113	1,758
Hedges of net investments in foreign operations	Euro denominated bonds	391,577 (Euro 3,000 million)	—	391,577

The average rates applied to the foreign exchange contracts are ¥108.07 per US dollar, ¥127.13 per euro, 0.21 euro per Polish zloty and 0.67 US dollar per Australian dollar. The average rates applied to the currency swap is ¥130.46 per euro.

Current Year (as of December 31, 2022)

Hedge type	Hedging instrument	Notional amount (Millions of yen)	Carrying amount (fair value)	
			Assets (Millions of yen)	Liabilities (Millions of yen)
Cash flow hedge	Foreign exchange contract	321,460	2,322	2,254
	Currency swap	87,300	967	86
	Commodity swap	54,023	10,207	2,850
Total		462,785	13,498	5,191
Hedges of net investments in foreign operations	Euro denominated bonds	424,438 (Euro 3,000 million)	—	424,438

The average rates applied to the foreign exchange contracts are ¥122.14 per US dollar, ¥132.38 per euro, 0.21 euro per Polish zloty, 0.71 US dollar per Australian dollar and ¥18.14 per Chinese yuan. The average rates applied to the currency swap is ¥130.46 per euro.

Hedge transactions conducted by the Group hedge all hedged items, and there are no transactions that only hedge certain risk elements. The periods for which the foreign exchange contract, currency swap and commodity swap would hedge cash flow fluctuations are approximately 3 years, 3 years and 5 years at the longest, respectively.

The ineffective portion recognized in profit or loss is not significant, and thus a description of changes in fair value is omitted for the hedging instruments which were used as a basis to recognize the ineffective portion.

Fair value of derivatives that are not designated as a hedging instrument is as follows:
Millions of yen

	Previous year (as of December 31, 2021)		Current year (as of December 31, 2022)	
	Assets	Liabilities	Assets	Liabilities
Foreign exchange contract	15	2	49	—
Currency swap	—	663	1,730	1,139
Commodity swap	—	—	—	68
Total	15	666	1,779	1,208

Reserve of cash flow hedges, reserve of costs of hedging and hedges of net investments in foreign operations are as follows:
There is no reserve of cash flow hedges arising from hedging relationships for which their hedge accounting is discontinued.

	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
	Reserve of cash flow hedges	
Foreign exchange contract	(841)	(5,493)
Currency swap	1,200	713
Commodity swap	7,127	7,357
Total	7,486	2,577
Reserve of costs of hedging		
Currency swap (period-related)	(601)	(478)
Hedges of net investments in foreign operations		
Euro denominated borrowings	718	—
Euro denominated Bonds	(8,887)	(33,356)

The ineffective portion recognized in profit or loss is not significant, and thus a description of changes in fair value is omitted for the hedging instruments which were used as a basis to recognize the ineffective portion.

(ii) Effect on the Consolidated Statement of Profit or Loss and the Consolidated Statement of Comprehensive Income

Effect on profit or loss and comprehensive income of derivatives designated as hedging instruments in cash flow hedges, costs of hedging and hedges of net investments in foreign operations are as follows:

Previous Year (ended December 31, 2021)

Risk type	Millions of yen		
	Gains (losses) recognized in other comprehensive income (Note)	Amount reclassified from other equity interest to profit or loss (Note)	Line item in profit or loss on reclassification
Cash flow hedges			
Foreign exchange risk	(3,201)	(2)	Finance costs
Price risk	9,037	—	
Interest rate risk	—	—	
Total	5,835	(2)	
Costs of hedging			
Foreign exchange risk (period-related)	345	(97)	Finance costs
Hedges of net investments in foreign operations			
Foreign exchange risk for net investment	(6,862)	—	

(Note) The amounts are gross values before tax.

Current Year (ended December 31, 2022)

Risk type	Millions of yen		
	Gains (losses) recognized in other comprehensive income (Note)	Amount reclassified from other equity interest to profit or loss (Note)	Line item in profit or loss on reclassification
Cash flow hedges			
Foreign exchange risk	(4,297)	(73)	Finance costs
Price risk	275	—	
Interest rate risk	—	—	
Total	(4,021)	(73)	
Costs of hedging			
Foreign exchange risk (period-related)	179	(2)	Finance costs
Hedges of net investments in foreign operations			
Foreign exchange risk for net investment	(33,918)	—	

(Note) The amounts are gross values before tax.

There is no reclassification due to discontinuation of hedge accounting. Reserve of cash flow hedges accumulated in other components of equity is reclassified and included in the cost of the assets such as an inventory if the hedged item is a forecast transaction to acquire the assets.

There are ¥(2,042) million (previous year: ¥(248) million) of foreign exchange risks and ¥— million (previous year: ¥136 million) of price risks, among the amounts reclassified to the cost.

The ineffective portion recognized in profit or loss is not significant.

(5) Offset of financial assets and liabilities

The Company has entered into cash pooling agreements with financial institutions. The Company has a legally enforceable right to offset financial assets and liabilities recognized based on the cash pooling agreements, and an intention to settle on a net basis or realize the asset and settle the liability simultaneously.

Financial assets and financial liabilities recognized based on the above cash pooling agreements at the end of the current year are as follows:

Previous Year (ended December 31, 2021)

	Millions of yen		
	Aggregate amount recognized	Amount offset	Net amount presented in the statement of financial position
<Financial assets>			
Cash and cash equivalents	128,847	(119,590)	9,256
<Financial liabilities>			
Bonds and borrowings	119,590	(119,590)	—

Current Year (ended December 31, 2022)

	Millions of yen		
	Aggregate amount recognized	Amount offset	Net amount presented in the statement of financial position
<Financial assets>			
Cash and cash equivalents	130,028	(127,421)	2,607
<Financial liabilities>			
Bonds and borrowings	127,421	(127,421)	—

32. Significant Non-cash Transactions

Previous Year (ended December 31, 2021)

There are no significant non-cash transactions.

Current Year (ended December 31, 2022)

There are no significant non-cash transactions.

33. Changes in Ownership Interests in Subsidiaries

(1) Earnings and Expenses on Acquisitions of Subsidiaries

Previous Year (ended December 31, 2021)

The Group acquired shares in Allpress Espresso NZ LTD and 5 other companies which resulted in their addition to the scope of consolidation. The main assets and liabilities of investees on commencement of consolidation as well as the relationship between the acquisition cost of shares, etc. and net consideration paid are analyzed as follows:

	Millions of yen
Current assets	1,236
Non-current assets	5,115
Goodwill	11,860
Current liabilities	(1,036)
Non-current liabilities	(1,992)
Acquisition cost of shares, etc.	15,184
Cash and cash equivalents of acquired companies	(421)
Net cash used for acquisition of acquired companies	14,762

Current Year (ended December 31, 2022)

Omitted due to lack of materiality.

(2) Earnings and Expenses on Sales of Subsidiaries

Previous Year (ended December 31, 2021)

Omitted due to lack of materiality.

Current Year (ended December 31, 2022)

There are no significant changes in ownership interests in subsidiaries.

34. Changes in Liabilities Arising from Financing Activities

Previous Year (ended December 31, 2021)

Item	Millions of yen								
	Balance as of January 1, 2021	Change owing to financing cash flow	Acquisition	Long- and short-term transfer	Change in scope of consolidation	Exchange differences	Changes in fair value	Other	Balance as of December 31, 2021
Short-term borrowings (Note)	672,079	(440,775)	—	—	382	614	—	—	232,301
Lease obligations	88,156	(25,215)	25,035	—	1,158	4,236	—	—	93,370
Current portion of long-term borrowings	164,429	(182,783)	—	69,276	—	465	—	—	51,388
Long-term borrowings	25,713	190,094	—	(69,276)	—	76	—	—	146,608
Current portion of bonds	88,250	(88,328)	—	139,902	—	—	—	137	139,962
Bonds	873,153	280,884	—	(139,902)	—	10,718	—	1,089	1,025,943
Derivative liabilities (assets) held to hedge liabilities arising from financing activities	2,136	—	—	—	—	—	(1,051)	(1,930)	(844)
Total	1,913,920	(266,123)	25,035	—	1,540	16,111	(1,051)	(703)	1,688,729

(Note) Short-term borrowings include commercial papers.

Current Year (ended December 31, 2022)

Item	Millions of yen								
	Balance as of January 1, 2022	Change owing to financing cash flow	Acquisition	Long- and short-term transfer	Change in scope of consolidation	Exchange differences	Changes in fair value	Other	Balance as of December 31, 2022
Short-term borrowings (Note)	232,301	(8,527)	—	—	—	528	—	—	224,302
Lease obligations	93,370	(23,307)	26,643	—	13	5,399	—	—	102,120
Current portion of long-term borrowings	51,388	(50,520)	—	42,101	—	75	—	—	43,046
Long-term borrowings	146,608	(940)	—	(42,101)	—	66	—	—	103,632
Current portion of bonds	139,962	(140,000)	—	99,875	—	—	—	81	99,919
Bonds	1,025,943	59,748	—	(99,875)	—	39,437	—	1,156	1,026,409
Derivative liabilities (assets) held to hedge liabilities arising from financing activities	(844)	—	—	—	—	—	37	—	(807)
Total	1,688,729	(163,548)	26,643	—	13	45,508	37	1,238	1,598,622

(Note) Short-term borrowings include commercial papers.

35. Related Party Transactions

(1) Transactions and Outstanding Balances with Related Parties

There are no material transactions with related parties.

(2) Key Management Personnel Compensation

Compensation to the Group's key management personnel is as follows:

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Short-term employee benefits expense	689	642
Share-based Payments	77	86
Total	766	728

36. Business combination

Previous Year (ended December 31, 2021)

There are no significant business combinations.

Current Year (ended December 31, 2022)

There are no significant business combinations.

37. Interest in Other Entities

(1) Interest in Subsidiaries

Subsidiaries included in the consolidated financial statements are as follows:

Previous Year (ended December 31, 2021)

Name	Location	Proportion of ownership interest (%)
Asahi Breweries, Ltd.	Sumida-ku, Tokyo	100.00
NADAMAN CO., LTD	Shinjuku-ku, Tokyo	100.00 (100.00)
The Nikka Whiskey Distilling Co., Ltd.	Minato-ku, Tokyo	100.00 (100.00)
Asahi Group Japan, Ltd.	Sumida-ku, Tokyo	100.00
Asahi Quality & Innovations, Ltd.	Moriya City, Ibaraki	100.00
ENOTECA CO.,LTD.	Minato-ku, Tokyo	100.00 (100.00)
Asahi Soft Drinks Co., Ltd.	Sumida-ku, Tokyo	100.00
Calpis Co., Ltd.	Sumida-ku, Tokyo	100.00 (100.00)
Asahi Soft Drink Sales Co., Ltd.	Taito-ku, Tokyo	100.00 (100.00)
Asahi Group Foods, Ltd.	Shibuya-ku, Tokyo	100.00
Asahi Beer (China) Investment Co., Ltd.	Shanghai, China	100.00
Asahi Holdings (Australia) Pty Ltd	Victoria, Australia	100.00
CUB Pty Ltd	Victoria, Australia	100.00 (100.00)
Asahi Beverages Pty Ltd	Victoria, Australia	100.00 (100.00)
Asahi Beverages (NZ) Limited	Papakura, New Zealand	100.00 (100.00)
Asahi Group Holdings Southeast Asia Pte. Ltd.	Singapore	100.00
Etika Beverages Sdn. Bhd.	Kuala Lumpur, Malaysia	100.00 (100.00)
Etika Dairies Sdn. Bhd.	Kuala Lumpur, Malaysia	100.00 (100.00)
Asahi Loi Hein Company Limited	Yangon, Myanmar	51.00 (51.00)
Asahi Europe & International Ltd	Woking, United Kingdom	100.00
Asahi International Ltd	Woking, United Kingdom	100.00
Birra Peroni S.r.l.	Roma Italy	100.00 (100.00)
Royal Grolsch NV	Enschede Netherlands	100.00 (100.00)
Meantime Brewing Company Ltd.	London United Kingdom	100.00 (100.00)
Asahi UK Ltd	London United Kingdom	100.00 (100.00)
Plzeňský Prazdroj, a.s.	Pilsen Czech Republic	100.00 (100.00)
Plzeňský Prazdroj Slovensko, a.s	Veľký Šariš Slovakia	100.00 (100.00)
Kompania Piwowarska S.A.	Wielkopolskie Poland	100.00 (100.00)
Ursus Breweries SA	Buzau Romania	98.68 (98.68)
Dreher Sörgyárak Zrt.	Budapest Hungary	99.78 (99.78)
Asahi Logistics, Ltd.	Minato-ku, Tokyo	100.00
Asahi Professional Management Co., Ltd.	Sumida-ku, Tokyo	100.00
Other 178 Subsidiaries	—	—

(Notes) 1. Percentage in () represents indirect ownership interest out of the total ownership interest noted above.

2. Asahi Group Japan, Ltd., a wholly owned subsidiary of the Company, was established in 2021.

3. The Nikka Whiskey Distilling Co., Ltd., a wholly owned subsidiary of the Company, sold all of its ordinary shares of Sainte Neige Wine Co., Ltd. to SAN.foods Co., Ltd.

4. The company name of Asahi Breweries Europe Ltd was changed to Asahi Europe & International Ltd in 2021.

Current Year (ended December 31, 2022)

Name	Location	Proportion of ownership interest (%)
Asahi Group Japan, Ltd.	Sumida-ku, Tokyo	100.00
Asahi Breweries, Ltd.	Sumida-ku, Tokyo	100.00 (100.00)
The Nikka Whiskey Distilling Co., Ltd.	Yoichi-cho, Hokkaido	100.00 (100.00)
ENOTECA CO.,LTD.	Minato-ku, Tokyo	100.00 (100.00)
Asahi Soft Drinks Co., Ltd.	Sumida-ku, Tokyo	100.00 (100.00)
Calpis Co., Ltd.	Sumida-ku, Tokyo	100.00 (100.00)
Asahi Soft Drink Sales Co., Ltd.	Taito-ku, Tokyo	100.00 (100.00)
Asahi Group Foods, Ltd.	Sumida-ku, Tokyo	100.00 (100.00)
Asahi Logistics, Ltd.	Ota-ku, Tokyo	100.00 (100.00)
NADAMAN CO., LTD	Chiyoda-ku, Tokyo	100.00 (100.00)
Asahi Professional Management Co., Ltd.	Sumida-ku, Tokyo	100.00 (100.00)
Asahi Europe & International Ltd	Surrey, United Kingdom	100.00
Birra Peroni S.r.l.	Roma Italy	100.00 (100.00)
Koninklijke Grolsch N.V.	Enschede Netherlands	100.00 (100.00)
Meantime Brewing Company Ltd.	London United Kingdom	100.00 (100.00)
Asahi UK Ltd	London United Kingdom	100.00 (100.00)
Plzeňský Prazdroj, a.s.	Pilsen Czech Republic	100.00 (100.00)
Plzeňský Prazdroj Slovensko, a.s	Veľký Šariš Slovakia	100.00 (100.00)
Kompania Piwowarska S.A.	Wielkopolskie Poland	100.00 (100.00)
Ursus Breweries SA	Buzau Romania	98.68 (98.68)
Dreher Sörgyarak Zrt.	Budapest Hungary	99.78 (99.78)
Asahi Beer (China) Investment Co., Ltd.	Shanghai, China	100.00
Asahi Holdings (Australia) Pty Ltd	Victoria, Australia	100.00
CUB Pty Ltd	Victoria, Australia	100.00 (100.00)
Asahi Beverages Pty Ltd	Victoria, Australia	100.00 (100.00)
Asahi Beverages (NZ) Limited	Auckland, New Zealand	100.00 (100.00)
Asahi Holdings Southeast Asia Sdn. Bhd.	Kuala Lumpur, Malaysia	100.00 (100.00)
Etika Beverages Sdn. Bhd.	Kuala Lumpur, Malaysia	100.00 (100.00)
Etika Dairies Sdn. Bhd.	Kuala Lumpur, Malaysia	100.00 (100.00)
Asahi Loi Hein Company Limited	Yangon, Myanmar	51.00 (51.00)
Asahi Quality & Innovations, Ltd.	Moriya-shi, Ibaraki	100.00
Other 177 Subsidiaries	—	—

(Note) Percentage in () represents indirect ownership interest out of the total ownership interest noted above.

(2) Interests in Associates and Joint Ventures**(i) Associates**

The carrying amount of interests, share of profit of and share of other comprehensive income of associates are as follows. There are no associates that are material to the Group.

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
The carrying amount of interests	6,555	6,613

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Profit	806	668
Other comprehensive income	291	129
Total comprehensive income	1,098	797

(ii) Joint Ventures

The carrying amount of interests, share of profit of and share of other comprehensive income of joint ventures are as follows. There are no joint ventures that are material to the Group.

	Millions of yen	
	Previous year (as of December 31, 2021)	Current year (as of December 31, 2022)
The carrying amount of interests	84	109

	Millions of yen	
	Previous year (ended December 31, 2021)	Current year (ended December 31, 2022)
Profit	(118)	(0)
Other comprehensive income	28	25
Total comprehensive income	(90)	24

38. Commitments

There are no significant commitments regarding acquisition of assets.

39. Contingencies

There are no significant contingencies.

40. Subsequent Events

Based on a resolution of Board of Directors held on January 26, 2023, the terms of the Asahi Group Holdings, Ltd. 19th Unsecured Corporate Bond, 20th Unsecured Corporate Bond (Green Bond) and 21st Unsecured Corporate Bond were determined on March 2, 2023, and issued on March 8, 2023. The Company has issued corporate bonds with the following terms and conditions.

Overview of the 19th Unsecured Straight Bonds

(1) Name of bonds	Asahi Group Holdings, Ltd. 19th Issuance of unsecured straight bonds (with specific inter-bond pari passu clause)
(2) Total amount of issue	JPY 50 billion
(3) Coupon rate	0.280% per annum
(4) Closing date	March 8, 2023
(5) Maturity date	March 6, 2026 (3 years)
(6) Coupon payment date	March 8 and September 8 of each year
(7) Rating	AA- (Japan Credit Rating Agency, Ltd.) A+ (Rating & Investment Information, Inc.)
(8) Underwriters	Nomura Securities Co., Ltd., Daiwa Securities Co. Ltd., SMBC Nikko Securities Inc. and Mizuho Securities Co., Ltd.
(9) Fiscal agent	Sumitomo Mitsui Banking Corporation
(10) Use of proceeds	All proceeds will be used for a part of redemption of commercial papers, which matures on Mar 31, 2023

Overview of the 20th Unsecured Straight Bonds

(1) Name of bonds	Asahi Group Holdings, Ltd. 20th Issuance of unsecured straight bonds (with specific inter-bond pari passu clause) (Green Bonds)
(2) Total amount of issue	JPY 25 billion
(3) Coupon rate	0.544% per annum
(4) Closing date	March 8, 2023
(5) Maturity date	March 8, 2028 (5 years)
(6) Coupon payment date	March 8 and September 8 of each year
(7) Rating	AA- (Japan Credit Rating Agency, Ltd.) A+ (Rating & Investment Information, Inc.)
(8) Second-party opinion for green bond framework	Asahi has obtained the highest rating "Green 1(F)" of "JCR Green Finance Framework Evaluation" from Japan Credit Rating Agency, Ltd.
(9) Underwriters	An underwriter syndicate where Nomura Securities Co., Ltd., Daiwa Securities Co. Ltd., SMBC Nikko Securities Inc. and Mizuho Securities Co., Ltd. act as joint lead managers for this syndication
(10) Green bond structuring agent	Nomura Securities Co., Ltd.
(11) Fiscal agent	Sumitomo Mitsui Banking Corporation
(12) Use of proceeds	All proceeds will be used for the eligible projects below. <ul style="list-style-type: none"> • Capital investments, Promotion of renewable energy for the energy to be used and initiatives for CO₂ absorption in Asahi Breweries' Tosu Brewery • Procurement of recycled PET, Procurement of biomass plastic • Purchase of renewable energy

Overview of the 21th Unsecured Straight Bonds

(1) Name of bonds	Asahi Group Holdings, Ltd. 21th Issuance of unsecured straight bonds (with specific inter-bond pari passu clause)
(2) Total amount of issue	JPY 25 billion
(3) Coupon rate	0.870% per annum
(4) Closing date	March 8, 2023
(5) Maturity date	March 8, 2030 (7 years)
(6) Coupon payment date	March 8 and September 8 of each year
(7) Rating	AA- (Japan Credit Rating Agency, Ltd.) A+ (Rating & Investment Information, Inc.)
(8) Underwriters	An underwriter syndicate where Nomura Securities Co., Ltd., Daiwa Securities Co. Ltd., SMBC Nikko Securities Inc. and Mizuho Securities Co., Ltd.
(9) Fiscal agent	Sumitomo Mitsui Banking Corporation
(10) Use of proceeds	All proceeds will be used for a part of redemption of commercial papers, which matures on Mar 31, 2023

Independent Auditor's Report



Independent auditor's report

To the Board of Directors of Asahi Group Holdings, Ltd.:

Opinion

We have audited the accompanying consolidated financial statements of Asahi Group Holdings, Ltd. ("the Company") and its consolidated subsidiaries (collectively referred to as "the Group"), which comprise the consolidated statement of financial position as at December 31, 2022, and the consolidated statements of profit or loss, comprehensive income, changes in equity and cash flows for the year then ended, and notes, comprising significant accounting policies and other explanatory information.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as at December 31, 2022, and its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with International Financial Reporting Standards (IFRS).

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in Japan. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are independent of the Group in accordance with the ethical requirements that are relevant to our audit of the consolidated financial statements in Japan, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Key Audit Matters

Key audit matters are those matters that, in our professional judgment, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

Valuation of goodwill related to the Oceania business

The key audit matter	How the matter was addressed in our audit
As described in Note 12, "Goodwill and Intangible Assets" to the consolidated financial statements, Asahi Group Holdings, Ltd. and its consolidated subsidiaries recognized goodwill of ¥1,255,241 million in their consolidated statement of financial position for the current	In order to assess whether the valuation of goodwill related to the Oceania business was reasonable, we requested the component auditor of the consolidated subsidiary that oversees the Oceania business to perform an audit. We evaluated the report of the component auditor to

fiscal year, allocated to the Oceania business, which represented approximately 26.0% of total assets in the consolidated financial statements.

A group of cash-generating units to which goodwill is allocated is tested for impairment annually and whenever it is determined that there is any indication of impairment. When the recoverable amount of a group of cash-generating units is less than the carrying amount, the carrying amount is reduced to the recoverable amount, and the resulting decrease in the carrying amount is recognized as an impairment loss. The recoverable amount is the higher of either the value in use or the fair value less costs of disposal.

In the current fiscal year, fair value less costs of disposal was used as the recoverable amount in the impairment testing on the group of cash-generating units related to the Oceania business. The future cash flows used to measure the fair value less costs of disposal were estimated based on the business plan of the Oceania business approved by management and the growth rate applied to the periods subsequent to those covered by the business plan. Key assumptions, such as increases in future revenue and the growth rate applied to the periods subsequent to those covered by the business plan, used in estimating the future cash flows, involved a high degree of uncertainty as they are affected by changes in factors such as the business conditions and competitive environment in Oceania, and management's judgment thereon had a significant effect on the estimated future cash flows.

In addition, selecting appropriate models and input data for estimating the discount rate used to calculate the fair value required a high degree of expertise in valuation.

We, therefore, determined that the valuation of goodwill related to the Oceania business was one of the most significant matters in our audit of the consolidated financial statements for the current fiscal year, and accordingly, a key audit matter.

conclude on whether sufficient and appropriate audit evidence was obtained from the following procedures, among others:

(1) Assessment of estimation uncertainty

Assessed whether key assumptions used to prepare the business plan were appropriately selected by evaluating whether there was any effect on the determination of an impairment loss to be recognized when the effect of specific uncertainties were incorporated into key assumptions.

(2) Internal control testing

Tested the design and operating effectiveness of certain internal controls relevant to the valuation of goodwill, with a greater focus on controls designed to ensure the appropriateness of the estimated future cash flows.

(3) Assessment of the reasonableness of the estimated fair value less costs of disposal

Assessed whether key assumptions adopted in estimating the fair value less costs of disposal is appropriate primarily by performing the following procedures:

- Assessment of the consistency of the projected increase in revenue with the business plan through inquiry of the personnel responsible for the Oceania business and inspection of relevant documents;
- Trend analysis of revenue for previous years including comparison of latest actuals, as well as comparison of the projected increase in revenue with relevant forecast data on the alcohol beverage and soft drink markets in Oceania published by external organizations;
- Comparison of the growth rate applied to the periods subsequent to those covered by the business plan with relevant market data forecasts published by external organizations with the assistance of a valuation specialist within the network firms of the auditor of the consolidated subsidiary; and
- Assessment of the appropriateness of the model adopted by management to estimate

	the discount rate with the assistance of a valuation specialist within the network firms of the auditor of the consolidated subsidiary, as well as the assessment of the reasonableness of the discount rate through comparison with an estimate independently developed by the specialist.
Valuation of goodwill related to the Europe (International) business	
The key audit matter	How the matter was addressed in our audit
<p>As described in Note 12, “Goodwill and Intangible Assets” to the consolidated financial statements, Asahi Group Holdings, Ltd. and its consolidated subsidiaries recognized goodwill of ¥100,770 million in their consolidated statement of financial position for the current fiscal year, allocated to the Europe (International) business, which represented approximately 2.1% of total assets in the consolidated financial statements.</p> <p>A group of cash-generating units to which goodwill is allocated is tested for impairment annually and whenever it is determined that there is any indication of impairment. When the recoverable amount of a group of cash-generating units is less than the carrying amount, the carrying amount is reduced to the recoverable amount, and the resulting decrease in the carrying amount is recognized as an impairment loss. The recoverable amount is the higher of either the value in use or the fair value less costs of disposal.</p> <p>In the current fiscal year, the value in use was used as the recoverable amount in the impairment testing on the group of cash-generating units related to the Europe (International) business. The future cash flows used to measure the value in use were estimated based on the business plan of the Europe (International) business approved by management and the growth rate applied to the periods subsequent to those covered by the business plan. Key assumptions, such as increases in future revenue and the growth rate applied to the periods subsequent to those covered by the business plan, used in estimating the future cash flows, involved a high degree of uncertainty as they are affected by changes in factors such as the</p>	<p>In order to assess whether the valuation of goodwill related to the Europe (International) business was reasonable, we requested the component auditor of the consolidated subsidiary that oversees the Europe (International) business to perform audit procedures. Then we evaluated the report of the component auditor to conclude on whether sufficient and appropriate audit evidence was obtained from the procedures, and performed the following procedures, among others:</p> <p>(1) Assessment of estimation uncertainty Assessed whether key assumptions used to prepare the business plan were appropriately selected by evaluating whether there was any effect on the determination of an impairment loss to be recognized when the effect of specific uncertainties were incorporated into key assumptions.</p> <p>(2) Internal control testing Tested the design and operating effectiveness of certain internal controls relevant to the valuation of goodwill, with a greater focus on controls designed to ensure the appropriateness of the estimated future cash flows.</p> <p>(3) Assessment of the reasonableness of the estimated value in use Assessed whether key assumptions adopted in estimating the value in use is appropriate primarily by performing the following procedures:</p> <ul style="list-style-type: none"> ● Assessment of the consistency of the projected increase in revenue with the business plan through inquiry of the

business conditions and competitive environment in each region of the export destination markets, and management’s judgment thereon had a significant effect on the estimated future cash flows.

In addition, selecting appropriate models and input data for estimating the discount rate used to calculate the value in use required a high degree of expertise in valuation.

We, therefore, determined that the valuation of goodwill related to the Europe (International) business was one of the most significant matters in our audit of the consolidated financial statements for the current fiscal year, and accordingly, a key audit matter.

personnel responsible for the Europe (International) business and inspection of relevant documents;

- Trend analysis of revenue for previous years including comparison of latest actuals, as well as comparison of the projected increase in revenue with forecast data on the alcohol beverage markets for major export destinations published by external organizations;
- Comparison of the growth rate applied to the periods subsequent to those covered by the business plan with relevant market data forecasts published by external organizations with the assistance of a valuation specialist within our domestic network firms; and
- Assessment of the appropriateness of the model adopted by management to estimate the discount rate with the assistance of a valuation specialist within our domestic network firms, as well as the assessment of the reasonableness of the discount rate through comparison with an estimate independently developed by the specialist.

Other Information

The other information comprises the information included in the disclosure documents that contain or accompany the audited consolidated financial statements, but does not include the consolidated financial statements and our auditor’s report thereon.

We do not perform any work on the other information as we determine such information does not exist.

Responsibilities of Management and Audit & Supervisory Board Members and the Audit & Supervisory Board for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with IFRS, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Group’s ability to continue as a going concern, disclosing, as applicable, matters related to going concern in accordance with IFRS and using the going concern basis of accounting unless management either intends to liquidate the Group or to cease operations, or has no realistic alternative but to do so.

Audit & supervisory board members and the audit & supervisory board are responsible for overseeing the directors’ performance of their duties with regard to the design, implementation and maintenance of the Group’s financial reporting process.

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with auditing standards generally accepted in Japan will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of our audit in accordance with auditing standards generally accepted in Japan, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, while the objective of the audit is not to express an opinion on the effectiveness of the Group's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.
- Evaluate whether the presentation and disclosures in the consolidated financial statements are in accordance with IFRS, the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the group audit. We remain solely responsible for our audit opinion.

We communicate with audit & supervisory board members and the audit & supervisory board regarding, among other matters, the planned scope and timing of the audit, significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide audit & supervisory board members and the audit & supervisory board with a statement that we have complied with relevant ethical requirements regarding independence, and communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

From the matters communicated with audit & supervisory board members and the audit & supervisory board, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters. We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter or when, in extremely rare circumstances, we determine that a matter should not be communicated in our report because the adverse consequences of doing so would reasonably be expected to outweigh the public interest benefits of such communication.

Interest required to be disclosed by the Certified Public Accountants Act of Japan

Our firm and its designated engagement partners do not have any interest in the Company and its subsidiaries which are required to be disclosed pursuant to the provisions of the Certified Public Accountants Act of Japan.

/S/ Hiroyuki Yamada
Designated Engagement Partner
Certified Public Accountant

/S/ Hiroshi Tani
Designated Engagement Partner
Certified Public Accountant

/S/ Masahiro Morita
Designated Engagement Partner
Certified Public Accountant

KPMG AZSA LLC
Tokyo Office, Japan
March 28, 2023

Notes to the Reader of Independent Auditor's Report:

This is a copy of the Independent Auditor's Report and the original copies are kept separately by the Company and KPMG AZSA LLC.



Asahi Group Holdings, Ltd.

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