Consolidated Financial Statements

NHK Spring Co., Ltd. and Consolidated Subsidiaries

For the years ended March 31, 2020 and 2019 with Independent Auditor's Report

Independent Auditor's Report

The Board of Directors NHK Spring Co., Ltd.

Opinion

We have audited the accompanying consolidated financial statements of NHK Spring Co., Ltd. and its consolidated subsidiaries (the Group), which comprise the consolidated balance sheet as at March 31, 2020, and the consolidated statements of income, comprehensive income, changes in net assets, and cash flows for the year then ended, and notes to the consolidated financial statements.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated financial position of the Group as at March 31, 2020, and its consolidated financial performance and its consolidated cash flows for the year then ended in accordance with accounting principles generally accepted in Japan.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in Japan. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the 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.

Responsibilities of Management, the Audit and Supervisory Board Member and the Audit and Supervisory Board for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with accounting principles generally accepted in Japan, and for such internal control as management determines is necessary to enable the preparation of 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 and disclosing, as required by accounting principles generally accepted in Japan, matters related to going concern.

the Audit and Supervisory Board Member and the Audit and Supervisory Board are responsible for overseeing 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. 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 an 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.
- Consider internal control relevant to the audit in order to design audit procedures that are
 appropriate in the circumstances for our risk assessments, while the purpose of the audit of
 the consolidated financial statements is not expressing 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 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 in accordance with accounting principles generally accepted in Japan.
- 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 the Audit and Supervisory Board Member and the Audit and Supervisory Board regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide the Audit and Supervisory Board Member and the Audit and Supervisory Board with a statement that we have complied with the ethical requirements regarding independence that are relevant to our audit of the financial statements in Japan, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

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 Group which is required to be disclosed pursuant to the provisions of the Certified Public Accountants Act of Japan.

Convenience Translation

The U.S. dollar amounts in the accompanying consolidated financial statements with respect to the year ended March 31, 2020 are presented solely for convenience. Our audit also included the translation of Japanese yen amounts into U.S. dollar amounts and, in our opinion, such translation has been made on the basis described in Note 5 to the consolidated financial statements.

Ernst & Young ShinNihon LLC Tokyo, Japan

June 25, 2020

佐 野 康 一

Koichi Sano Designated Engagement Partner Certified Public Accountant

Consolidated Balance Sheets

		At March 31,	,	
	2020	2019	2020	
	(Millions of yen)		(Thousands of U.S. dollars)	
			(<i>Note 5</i>)	
Assets				
Current assets:				
Cash and bank deposits (Notes 6 and 21)	¥ 74,593	¥ 98,574	\$ 685,598	
Notes and accounts receivable, trade (Note 21)	134,315	139,689	1,234,514	
Allowance for doubtful notes and accounts	(136)	(118)	(1,252)	
Inventories (Note 7)	54,786	54,692	503,543	
Other current assets	20,865	25,417	191,782	
Total current assets	284,423	318,254	2,614,185	
Investments and long-term receivables:				
Investment securities (Notes 11 and 21)	34,928	45,057	321,026	
Investments in unconsolidated subsidiaries and affiliated	34,720	75,057	321,020	
companies (Note 21)	13,186	15,412	121,193	
Long-term loans receivable (<i>Note 21</i>)	2,761	3,995	25,376	
Deferred tax assets (Note 16)	9,081	8,161	83,468	
Net defined benefit asset (<i>Note 12</i>)	1,942	4,670	17,845	
Other investments	3,857	2,683	35,453	
Allowance for doubtful receivables	(1,053)	(776)	(9,674)	
Total investments and long-term receivables	64,702	79,202	594,687	
Property, plant and equipment:	1.50.500	1.10.100	4 444 450	
Buildings and structures	153,590	148,400	1,411,672	
Machinery and transport equipment	261,246	249,525	2,401,162	
Jigs, tools and equipment	77,905	73,320	716,034	
Land	31,149	31,007	286,298	
Construction in progress	19,944	25,088	183,305	
	543,834	527,340	4,998,471	
Less – Accumulated depreciation	(364,205)	(355,159)	(3,347,474)	
Net property, plant and equipment	179,629	172,181	1,650,997	
Intangible and other assets	3,861	3,562	35,492	
Total assets (Note 23)	¥532,615	¥573,199	\$4,895,361	

	At March 31,				
	2020	2019	2020		
Liabilities and net assets	(Millions of yen)		(Thousands of U.S. dollars) (Note 5)		
Current liabilities:					
Short-term borrowings (<i>Notes 13 and 21</i>)	¥ 3,420	¥ 3,315	\$ 31,432		
Current portion of long-term debt (<i>Notes 13, 14 and 21</i>)	20,944	21,103	192,497		
Current portion of convertible bond-type bonds with					
subscription rights to shares (Notes 13 and 21)	_	11,099	_		
Notes and accounts payable, trade (Note 21)	116,880	127,306	1,074,261		
Accrued expenses	20,889	21,635	191,993		
Accrued income taxes (<i>Note 21</i>)	3,039	2,933	27,929		
Allowance for directors bonuses	236	270	2,178		
Other current liabilities (Note 21)	13,491	23,574	124,005		
Total current liabilities	178,899	211,235	1,644,295		
Long-term liabilities:					
Long-term debt (Notes 13 and 21)	33,228	32,697	305,408		
Net defined benefit liability (Note 12)	23,191	19,395	213,150		
Accrued retirement benefits for directors and corporate		70 -			
auditors	615	586	5,657		
Accrued retirement benefits to corporate officers	875	779	8,043		
Deferred tax liabilities (Note 16)	3,812	7,357	35,034 50,007		
Other long-term liabilities (Note 21)	5,441	5,089	50,007		
Total long-term liabilities	67,162	65,903	017,299		
Guarantees and contingent liabilities (Note 18)					
Net assets:					
Shareholders' equity					
Common stock:					
Authorized: 600,000,000 shares					
Issued: 244,066,144 shares at March 31, 2020;	17.010	17.010	156 220		
244,066,144 shares at March 31, 2019	17,010 19,579	17,010 19,579	156,338 179,956		
Capital surplus Retained earnings (<i>Notes 17 and 25</i>)	227,062	228,016	2,086,969		
Treasury stock	(8,868)	(7,518)	(81,510)		
Total shareholders' equity	254,783	257,087	2,341,753		
* *	25 1,705	257,007	2,311,733		
Accumulated other comprehensive income:	14640	21 250	124.506		
Unrealized holding gain on securities	14,643	21,350	134,586		
Translation adjustments Patierment hanefit liability adjustments (Nata 12)	8,117	5,625	74,613		
Retirement benefit liability adjustments (<i>Note 12</i>)	(6,555)	(2,928)	(60,252)		
Total accumulated other comprehensive income	16,205	24,047	148,947		
Non-controlling interests	15,566	14,927	143,067		
Total net assets	286,554	296,061 V572,100	2,633,767		
Total liabilities and net assets	¥532,615	¥573,199	\$ 4,895,361		

Consolidated Statements of Income

	Years ended March 31,					
		2020		2019		2020
	(Millions of yen)		U.	ousands of S. dollars) (Note 5)		
Net sales (Note 23)	¥ 6	64,500	¥	681,006	\$	6,107,537
Cost of sales (Note 15)	5	96,788		608,053	:	5,485,183
Gross profit		67,712		72,953		622,354
Selling, general and administrative expenses (Note 15)		46,997		46,303		431,954
Operating profit (Note 23)		20,715		26,650		190,400
Other income (expenses):						
Interest income		871		1,011		8,001
Dividend income		1,852		1,553		17,020
Gain on sales of fixed assets (Note 8)		284		1,456		2,606
Real estate rent		619		627		5,689
Interest expenses		(304)		(297)		(2,793)
Equity in earnings of unconsolidated subsidiaries and						
affiliated companies		984		1,103		9,041
Exchange (loss) gain, net		(3,866)		962		(35,534)
Loss on impairment of long-lived assets (Note 9)		(4,687)		(11,525)		(43,083)
Loss on valuation of investment securities		(468)		(449)		(4,300)
Loss on valuation of shares of subsidiaries and affiliated		(60.4)		((10)		(6.202)
companies (Note 11)		(694)		(612)		(6,382)
Loss on violation of antimonopoly laws (<i>Note 10</i>)		(3,203)		(155)		(29,437)
Other, net		111		(208)		1,033
		(8,501)		(6,534)		(78,139)
Profit before income taxes Income taxes (<i>Note 16</i>):		12,214		20,116		112,261
Current		6,259		10,287		57,523
Deferred		87		1,033		803
		6,346		11,320		58,326
Profit		5,868		8,796		53,935
Profit attributable to non-controlling interests		1,256		1,691		11,545
Profit attributable to owners of parent	¥	4,612	¥	7,105	\$	42,390
		(Ye	en)		(U.	S. dollars)
Earnings per share (Notes 1 (19) and 17)						
– Basic	¥	19.46	¥	29.97	\$	0.18
– Diluted		_		28.85		_
Cash dividends per share		17.00		24.00		0.16

Note: Diluted earnings per share is not presented for the year ended March 31, 2020 because there were no dilutive securities.

Owners of parent

Non-controlling interests

NHK Spring Co., Ltd. and Consolidated Subsidiaries

Consolidated Statements of Comprehensive Income

	Years ended March 31,				
	2020	2019	2020		
	(Millions of yen)		(Thousands of U.S. dollars) (Note 5)		
Profit	¥ 5,868	¥ 8,796	\$ 53,935		
Other comprehensive income (<i>Note</i> 22):					
Unrealized holding loss on securities	(6,734)	(6,610)	(61,893)		
Translation adjustments	2,955	(2,072)	27,157		
Retirement benefit liability adjustments	(3,720)	(2,212)	(34,191)		
Share of other comprehensive loss of affiliated					
companies accounted for by the equity method	(388)	(175)	(3,567)		
Total other comprehensive loss	(7,887)	(11,069)	(72,494)		
Comprehensive loss	¥ (2,019)	¥ (2,273)	\$ (18,559)		
Comprehensive loss attributable to:					

¥ (3,229)

1,210

¥ (3,604)

1,331

\$ (29,684)

11,125

Balances as of March 31, 2020

NHK Spring Co., Ltd. and Consolidated Subsidiaries

Consolidated Statements of Changes in Net Assets

	Shareholders' equity						
	Common stock	Capital surplus	Retained earnings	Treasury stock	Total shareholders' equity		
			(Millions of yen)			
Balances as of April 1, 2019	¥17,010	¥19,579	¥228,016	¥(7,518)	¥257,087		
Changes during the fiscal year:							
Dividends paid			(5,690)		(5,690)		
Profit attributable to owners of parent			4,612		4,612		
Change in scope of consolidation			124		124		
Purchase of treasury stock				(1,350)	(1,350)		
Disposal of treasury stock Net changes of items other than shareholders' equity		(0)		0	0		
Total changes during the fiscal year		(0)	(954)	(1,350)	(2,304)		

¥19,579

¥227,062

¥(8,868)

¥254,783

¥17,010

Accum	ulated other c				
Unrealized holding gain on securities	Translation adjustments	Retirement benefit liability adjustments	Total accumulated other comprehensive income	Non- controlling interests	Total net assets
		(Million	s of yen)		
¥21,350	¥5,625	¥(2,928)	¥24,047	¥14,927	¥296,061
					(5,690) 4,612 124 (1,350) 0
(6,707)	2,492	(3,627)	(7,842)	639	(7,203)
(6,707) ¥14,643	2,492 ¥8,117	(3,627) ¥(6,555)	(7,842) ¥16,205	639 ¥15,566	(9,507) ¥286,554
	Unrealized holding gain on securities ¥21,350 (6,707)	Unrealized holding gain on securities ¥21,350 ¥5,625 (6,707) 2,492 (6,707) 2,492	Unrealized holding gain on securities Translation adjustments Translation Liability adjustments	Unrealized holding gain on securities Translation adjustments Retirement liability adjustments accumulated other comprehensive income \$\frac{\text{\$Y21,350}}{\text{\$1,350}}\$ \$\frac{\text{\$\$45,625}}{\text{\$\$5,625}}\$ \$\frac{\text{\$\$\frac{\text{\$\$(2,928)}}{\text{\$\$0,627)}}\$ \$\frac{\text{\$\$\frac{\text{\$\$24,047}}{\text{\$\$0,627}}\$ \$\frac{(6,707)}{2,492}\$ \$\frac{(3,627)}{(3,627)}\$ \$\frac{(7,842)}{(7,842)}\$ \$\frac{(6,707)}{2,492}\$ \$\frac{(3,627)}{(3,627)}\$ \$\frac{(7,842)}{(7,842)}\$	Unrealized holding gain on securitiesTranslation adjustmentsRetirement benefit liability adjustmentsTotal accumulated other comprehensive incomeNon-controlling interests $4 \times 21,350$

Consolidated Statements of Changes in Net Assets (continued)

		Sha	areholders' eq	uity		
	Common stock	Capital surplus	Retained earnings	Treasury stock	Total shareholders' equity	
			Millions of yen	2)		
Balances as of April 1, 2018	¥17,010	¥19,579	¥229,163	¥(7,517)	¥258,235	
Changes during the fiscal year: Dividends paid			(5,690)		(5,690)	
Profit attributable to owners of parent Change in scope of			7,105		7,105	
consolidation Purchase of treasury stock Change in ownership interest of parent arising from			(2,562)	(1)	(2,562) (1)	
transactions with non-controlling shareholders Net changes of items other than shareholders' equity		0			0	
Total changes during the fiscal year	_	0	(1,147)	(1)	(1,148)	
Balances as of March 31, 2019	¥17,010	¥19,579	¥228,016	¥(7,518)	¥257,087	
	Accum	ulated other c	omprehensive	income		
	Unrealized holding gain on securities	Translation adjustments	Retirement benefit liability adjustments	Total accumulated other comprehensive income	Non- controlling interests	Total net assets
			(Million	s of yen)		
Balances as of April 1, 2018	¥27,935	¥7,355	¥(688)	¥34,602	¥14,812	¥307,649
Changes during the fiscal year: Dividends paid Profit attributable to owners of						(5,690)
parent Change in scope of						7,105
consolidation Purchase of treasury stock Change in ownership interest of parent arising from						(2,562) (1)
transactions with non-controlling shareholders						0
Net changes of items other than shareholders' equity	(6,585)	(1,730)	(2,240)	(10,555)	115	(10,440)
Total changes during the fiscal year	(6,585)	(1,730)	(2,240)	(10,555)	115	(11,588)
Balances as of March 31, 2019	¥21,350	¥5,625	¥(2,928)	¥24,047	¥14,927	¥296,061

Consolidated Statements of Changes in Net Assets (continued)

	Shareholders' equity						
	Common stock	Capital surplus	Retained earnings	Treasury stock	Total shareholders' equity		
		(Thousand	rs) (Note 5)				
Balances as of April 1, 2019	\$156,338	\$179,956	\$2,095,739	\$ (69,098)	\$2,362,935		
Changes during the fiscal year: Dividends paid Profit attributable to owners of			(52,299)		(52,299)		
parent			42,390		42,390		
Change in scope of consolidation Purchase of treasury stock Disposal of treasury stock		(0)	1,139	(12,412)	1,139 (12,412)		
Net changes of items other than shareholders' equity		(0)		O	· ·		
Total changes during the fiscal year		(0)	(8,770)	(12,412)	(21,182)		
Balances as of March 31, 2020	\$156,338	\$179,956	\$2,086,969	\$ (81,510)	\$2,341,753		
	Accum	ulated other c	omprehensive	income			
	Unrealized holding gain on securities	Translation adjustments	Retirement benefit liability adjustments	Total accumulated other comprehensive income	Non- controlling interests	Total net assets	
		(Th	ousands of U.S	S. dollars) (Not	te 5)		
Balances as of April 1, 2019	\$196,230	\$51,700	\$ (26,909)	\$221,021	\$137,197	\$2,721,153	
Changes during the fiscal year: Dividends paid Profit attributable to owners of						(52,299)	
parent Change in scope of						42,390	
consolidation Purchase of treasury stock Disposal of treasury stock						1,139 (12,412) 0	
Net changes of items other than shareholders' equity	(61,644)	22,913	(33,343)	(72,074)	5,870	(66,204)	

\$ (60,252)

\$148,947

\$143,067

\$2,633,767

The accompanying notes are an integral part of the financial statements.

\$134,586

Balances as of March 31, 2020

\$74,613

Consolidated Statements of Cash Flows

	Yea	rs ended Marc	ch 31,
	2020	2019	2020
	(Million	us of yen)	(Thousands of U.S. dollars) (Note 5)
Cash flows from operating activities:			(11016 3)
Profit before income taxes	¥ 12,214	¥ 20,116	\$ 112,261
Adjustments to reconcile profit before income taxes to net cash			
provided by operating activities:			
Depreciation and amortization	26,408	25,001	242,723
Increase (decrease) in net defined benefit liability	507	(569)	4,664
Exchange loss (gain)	3,136	(990)	28,821
Equity in earnings of unconsolidated subsidiaries and affiliated	(004)	(1.102)	(0.041)
companies	(984) 45	(1,103)	(9,041)
Loss (gain) on disposal of property, plant and equipment Loss on impairment of long-lived assets	4,687	(1,169) 11,525	413 43,083
Changes in operating assets and liabilities:	4,007	11,323	43,063
Decrease in notes and accounts receivable, trade	8,980	6,676	82,537
Decrease (increase) in inventories	348	(5,417)	3,199
Decrease in notes and accounts payable, trade	(13,604)	(3,713)	(125,039)
Other, net	(5,115)	(13,562)	(47,025)
Net cash provided by operating activities	36,622	36,795	336,596
Cash flows from investing activities:			
Proceeds from sales of property, plant and equipment	1,393	1,646	12,801
Purchase of property, plant and equipment	(46,692)	(36,996)	(429,153)
Purchase of intangible assets	(728)	(584)	(6,688)
Purchase of investment securities	(22)	(4,849)	(201)
Proceeds from sales of investment securities	22	0	205
(Increase) decrease in time deposits	(96)	72	(882)
Disbursements for loans receivable	(450)	(2,087)	(4,138)
Collection of loans receivable	596	620	5,482
Other, net	167	(121)	1,527
Net cash used in investing activities	(45,810)	(42,299)	(421,047)
Cash flows from financing activities:			
Proceeds from issuance of long-term debt	18,600	25,000	170,956
Repayment of long-term debt	(16,133)	(10,972)	(148,286)
Increase (decrease) in short-term borrowings	1,168	(1,514)	10,740
Proceeds from commercial paper	28,000	20,000	257,353
Repayment of commercial paper	(30,000)	(18,000)	(275,735)
Redemption of convertible bond-type bonds with subscription rights to	(10.646)		(07.040)
shares Payment for purchase of treasury stock	(10,646)	(1)	(97,849)
Cash dividends paid	(1,350) (5,690)	(1) (5,690)	(12,412) (52,299)
Cash dividends paid to non-controlling shareholders	(572)	(1,215)	(5,255)
Other, net	(328)	(280)	(3,010)
Net cash (used in) provided by financing activities	(16,951)	7,328	(155,797)
Effect of exchange rate changes on cash and cash equivalents	993	932	9,127
Net (decrease) increase in cash and cash equivalents	(25,146)	2,756	(231,121)
Cash and cash equivalents at beginning of year	98,403	95,007	904,443
Increase in cash and cash equivalents resulting from subsidiaries newly	70,103	75,007	201,113
included in consolidation	844	640	7,761
Increase in cash and cash equivalents resulting from merger with			
unconsolidated subsidiaries	214		1,956
Cash and cash equivalents at end of year (<i>Note 6</i>)	¥ 74,315	¥ 98,403	\$ 683,039
Supplemental disclosures of cash flow information:			
Cash paid during the year for:			
Interest	¥ (302)	¥ (286)	\$ (2,777)
Income taxes	(6,422)	(13,721)	(59,025)

Notes to the Consolidated Financial Statements

1. Summary of Significant Accounting Policies

(1) Basis of presentation of consolidated financial statements

The accompanying consolidated financial statements of NHK Spring Co., Ltd. (the "Company") and consolidated subsidiaries (collectively, the "Group") have been prepared by the Company in conformity with accounting principles and practices generally accepted in Japan, which are different in certain respects as to the application and disclosure requirements of International Financial Reporting Standards ("IFRS"). The accounts of the Company and its consolidated subsidiaries in Japan are maintained in accordance with the provisions set forth in the Japanese Financial Instruments and Exchange Act and in conformity with generally accepted accounting principles and practices prevailing in Japan.

Foreign consolidated subsidiaries of the Company maintain their accounts and records in conformity with the requirements of their respective countries of domicile.

Certain items presented in the consolidated financial statements filed with the Director of the Kanto Local Finance Bureau in Japan have been reclassified for the convenience of readers outside Japan.

(2) Scope of consolidation and application of equity method

The Company had 70 subsidiaries at March 31, 2020 (70 at March 31, 2019). The accompanying consolidated financial statements for the year ended March 31, 2020 include the accounts of the Company and its 39 significant subsidiaries (38 in 2019).

The accounts of the remaining 31 unconsolidated subsidiaries for the year ended March 31, 2020 (32 in 2019) were excluded from consolidation since the aggregate amounts of these subsidiaries' combined assets, net sales, profit and retained earnings were immaterial in relation to those of the consolidated financial statements of the Group.

(2) Scope of consolidation and application of equity method (continued)

The Company had 11 (11 in 2019) affiliated companies at March 31, 2020. For the year ended March 31, 2020, the equity method has been applied to the investments in 4 of the major unconsolidated subsidiaries (4 in 2019) and 5 of the major affiliated companies (5 in 2019). The investments in the remaining unconsolidated subsidiaries and affiliated companies were stated at cost or less because they did not have a material effect on the consolidated financial statements.

For the purposes of preparing the consolidated financial statements, all significant inter-company transactions, account balances and unrealized profits among the Group have been eliminated.

The difference between the cost of an investment in a consolidated subsidiary and the amount of the underlying equity in the net assets of the subsidiary is allocated to identifiable assets acquired and liabilities assumed based on their fair value at the date of acquisition.

Goodwill is amortized on a straight-line basis over a period within five years.

(3) Foreign currency translation

All asset and liability accounts of foreign subsidiaries and affiliated companies are translated into Japanese yen at the exchange rates prevailing at the year end. The components of net assets excluding non-controlling interests of foreign subsidiaries and affiliated companies are translated at historical rates. All income and expense accounts are translated at rates prevailing at the time of the transactions. The resulting translation differences are debited or credited to translation adjustments, or non-controlling interests in the consolidated balance sheets. Monetary assets and liabilities denominated in foreign currencies are translated into Japanese yen at the exchange rates prevailing at the year end and the resulting gains and losses are included in profit or loss for the year.

(4) Cash and cash equivalents

Cash and cash equivalents include cash on hand, demand deposits and short-term investments with a maturity of three months or less when purchased which can easily be converted to cash and are subject to little risk of change in value.

(5) Inventories

Inventories are mainly stated at the lower of cost, determined by average cost, or market.

(6) Investment securities

Available-for-sale securities categorized as "other securities" under applicable Japanese accounting standards for which market values are readily available are stated at fair market value at the balance sheet date, with unrealized gains or losses reported as a separate component of net assets, net of applicable income taxes. Available-for-sale securities for which market values are not readily available are stated at weighted average cost.

(7) Derivative financial instruments and hedge accounting

In accordance with applicable Japanese accounting standards, gains or losses arising from changes in the fair value of derivative financial instruments designated as "hedging instruments" are deferred as an asset or a liability until the gains or losses on the underlying hedged items or transactions are recognized.

In accordance with the exceptional treatment permitted under the Japanese accounting standard for foreign currency translation, the Company does not record certain forward foreign exchange contracts, currency swap contracts, foreign currency option contracts and certain foreign currency interest arrangements at market value but translates the underlying foreign currency denominated assets and liabilities hedged by derivative transactions into yen using the contractual rates under these arrangements, provided that such arrangements meet the hedging criteria specified under applicable Japanese accounting standards.

In addition, in accordance with the special treatment permitted under applicable Japanese accounting standards, the Company does not record certain interest-rate swap arrangements at market value but charges or credits net cash flows arising from the interest-rate swap arrangements, which satisfy the hedging criteria specified under the standard, to interest expenses arising from the hedged interest-bearing debt.

(8) Property, plant and equipment (excluding leased assets)

Depreciation is principally computed by the declining-balance method at rates based on the estimated useful lives of the respective assets as prescribed by the Corporation Tax Act of Japan.

Buildings and structures at the Company's headquarters are depreciated by the straight-line method.

The Company and its domestic consolidated subsidiaries compute depreciation for buildings (excluding facilities attached to buildings) acquired on or after April 1, 1998 and facilities attached to buildings and structures acquired on or after April 1, 2016 by the straight-line method.

The cost of property, plant and equipment retired or otherwise disposed of and accumulated depreciation in respect thereof are eliminated from the related accounts, and the resulting gains or losses are reflected in income as incurred.

(8) Property, plant and equipment (excluding leased assets) (continued)

Normal repairs and maintenance, including minor renewals and improvements, are charged to expenses as incurred.

(9) Intangible assets (excluding leased assets)

Intangible assets are amortized on a straight-line basis.

Expenditure related to computer software development for internal use is capitalized as an intangible asset and amortized on a straight-line basis over the estimated useful life (five years) of the software.

(10) Leases

Leased assets under finance lease contracts that transfer ownership to the lessee are depreciated by the same depreciation methods as applied to equivalent assets owned by the Group using the economic useful lives of the leased assets.

Leased assets under finance lease contracts that do not transfer ownership to the lessee are depreciated with the residual value of zero by the straight-line method using the terms of the contracts as the useful lives.

(11) Allowance for doubtful accounts

The Group provides an allowance for doubtful accounts at an amount calculated using a bad debt loss ratio primarily based on historical experience, plus the estimated uncollectible amount of individual receivables.

(12) Allowance for directors bonuses

Bonuses to directors are recorded on an accrual basis with a related charge to income.

(13) Retirement benefits for employees

The retirement benefit obligations for employees are attributed to each period by the benefit formula method over the estimated years of service of the eligible employees.

Prior service costs are amortized as incurred by the straight-line method over a certain period (mainly 15 to 16 years), which is within the average remaining years of service of the eligible employees.

Actuarial gains and losses are amortized in the year following the year in which the gains or losses are recognized by the straight-line method over a certain period (10 to 16 years), which is within the average remaining years of service of the eligible employees.

Certain consolidated subsidiaries apply the simplified method where the amount required for voluntary early retirement at the fiscal year end is treated as retirement benefit obligations for calculating net defined benefit liability and retirement benefit expenses.

(14) Accrued retirement benefits for directors and corporate auditors

As is customary practice in Japan, the Company and its domestic consolidated subsidiaries pay lump-sum retirement benefits to retiring directors or corporate auditors, the amounts of which are determined by internal rules. Although the payment of such retirement benefits is subject to approval by shareholders at the time of retirement/resignation, the Company and its domestic consolidated subsidiaries recognize 100% of the liabilities they would be required to pay upon retirement of all directors and corporate auditors at the year-end date.

(15) Accrued retirement benefits for corporate officers

The Company and its domestic consolidated subsidiaries recognize 100% of the liabilities they would be required to pay upon retirement of all corporate officers at the fiscal year end.

(16) Income taxes

The asset and liability method is used to recognize deferred tax assets and liabilities for the expected future tax consequences of temporary differences between the carrying amounts and the tax bases of assets and liabilities.

(17) Consumption taxes

In Japan, consumption taxes are imposed at rates of 8% or 10% on all domestic consumption of goods and services (with certain exceptions). Consumption taxes imposed on the Group's domestic sales to customers are withheld by the Group at the time of sale and are paid to the national government subsequently. Consumption taxes withheld upon sale and consumption taxes paid by the Group on purchases of goods and services are not included in the related amounts in the accompanying consolidated statements of income.

(18) Reclassifications

Certain reclassifications have been made to the prior year's consolidated financial statements in order to make them consistent with the current year's presentation.

(19) Earnings per share

Basic earnings per share is computed based on the weighted average number of shares of common stock outstanding during each year. Diluted earnings per share reflects the potential dilution that could occur if securities were exercised or converted into common stock, assuming the full exercise of the outstanding subscription rights to shares.

2. Accounting Change

Certain foreign consolidated subsidiaries of the Group have applied IFRS 16, "Leases," from the year ended March 31, 2020. IFRS 16 requires a lessee to recognize right-of-use assets and lease liabilities for substantially all leases on its balance sheet.

The effects of this accounting change on the consolidated financial statements for the year ended March 31, 2020 were immaterial.

3. Accounting Standards Issued but Not Yet Effective

"Accounting Standard for Revenue Recognition" (Accounting Standards Board of Japan ("ASBJ") Statement No. 29, issued on March 30, 2018)

"Implementation Guidance on Accounting Standard for Revenue Recognition" (ASBJ Guidance No. 30, issued on March 30, 2018)

(1) Overview

The ASBJ developed a comprehensive accounting standard for revenue recognition. Revenue is recognized by applying the following five steps:

Step 1: Identify the contract with the 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

Step 5: Recognize revenue when (or as) each performance obligation is satisfied

(2) Expected date of adoption

The Company expects to adopt these standard and guidance from the beginning of the year ending March 31, 2022.

(3) Effects of adopting the standard and the guidance

The Company is currently evaluating the effects of adopting these standard and guidance on the consolidated financial statements.

"Accounting Standard for Accounting Policy Disclosures, Accounting Changes and Error Corrections" (ASBJ Statement No. 24, issued on March 31, 2020)

(1) Overview

The ASBJ made certain revisions and issued the revised "Accounting Standard for Accounting Policy Disclosures, Accounting Changes and Error Corrections" as a result of proposals submitted for consideration of enhancement of notes disclosure information on "accounting principles and procedures adopted when requirements under the relating accounting standards are not clearly defined."

When enhancing notes disclosure on "accounting principles and procedures adopted when requirements under the relating accounting standards are not clearly defined," note 1-2 of the Business Accounting Principles should be followed to avoid affecting accounting practices when requirements under the relating accounting standards are clearly defined.

3. Accounting Standards Issued but Not Yet Effective (continued)

(2) Expected date of adoption

The Company expects to adopt the standard from the end of the year ending March 31, 2021.

"Accounting Standard for Disclosure of Accounting Estimates" (ASBJ Statement No. 31, issued on March 31, 2020)

(1) Overview

The ASBJ developed and issued "Accounting Standard for Disclosure of Accounting Estimates" as a result of comments submitted requesting consideration for notes disclosure requirement regarding sources of estimation uncertainty in the Japanese accounting standards since disclosure of such information is required in accordance with Paragraph 125 of International Accounting Standards ("IAS") No. 1 "Presentation of Financial Statements" ("IAS 1") issued by the International Accounting Standards Board ("IASB") in 2003 and is highly useful for users of financial statements.

The ASBJ's fundamental policies adopted for developing the "Accounting Standard for Disclosure of Accounting Estimates" are, in principle, to make reference to the requirements of Paragraph 125 of IAS 1 by presenting principles (disclosure objectives), not enhancing existing individual notes disclosures, and requiring each entity to determine specific contents of its disclosure along with the disclosure objectives.

(2) Expected date of adoption

The Company expects to adopt the standard from the end of the year ending March 31, 2021.

4. Additional Information

Accounting estimates associated with the effects of coronavirus disease 2019 (COVID-19) pandemic

The accounting estimates on impairment of long-lived assets, recoverability of deferred tax assets and others, used in preparation of the Company's consolidated financial statements for the year ended March 31, 2020 are based on the assumption that the effect of the COVID-19 pandemic will remain for a certain period in the year ending March 31, 2021, based on information available as of March 31, 2020.

There is a possibility that the COVID-19 pandemic may affect the result of operations and the financial position of the Group for the year ending March 31, 2021 and thereafter if the effects of COVID-19 are exacerbated or its effects are prolonged, as the above assumption is highly uncertain.

5. United States Dollar Amounts

The accompanying consolidated financial statements are prepared in Japanese yen. The U.S. dollar amounts included in the consolidated financial statements and the notes thereto represent the arithmetical results of translating Japanese yen to U.S. dollars on the basis of \$108.8 = U.S.\$1, the approximate rate of exchange prevailing at March 31, 2020. The inclusion of such U.S. dollar amounts is solely for convenience and is not intended to imply that yen amounts have been or could be converted, realized or settled in U.S. dollars at that or any other rate.

6. Cash and Cash Equivalents

Cash and cash equivalents in the consolidated statements of cash flows are composed of cash on hand, bank deposits that are able to be withdrawn on demand and short-term investments with an original maturity of three months or less that are exposed to minor risk of fluctuation in value.

A reconciliation of cash and bank deposits in the consolidated balance sheets to cash and cash equivalents in the consolidated statements of cash flows at March 31, 2020 and 2019 is as follows:

At March 31,			
2020	2019	2020	
(Million	(Thousands of U.S. dollars)		
¥ 74,593	¥ 98,574	\$ 685,598	
(278)	(171)	(2,559)	
¥ 74,315	¥ 98,403	\$ 683,039	
	(Million) ¥ 74,593 (278)	2020 2019 (Millions of yen) ¥ 74,593 ¥ 98,574 (278) (171)	

7. Inventories

Inventories at March 31, 2020 and 2019 are as follows:

		At March 31,				
	2020	2019	2020			
	(Million	(Thousands of U.S. dollars)				
Merchandise and finished products	¥ 20,237	¥ 19,960	\$ 185,998			
Work in process	9,413	9,888	86,514			
Raw materials and supplies	18,017	18,786	165,595			
Other	7,119	6,058	65,436			
Total	¥ 54,786	¥ 54,692	\$ 503,543			

8. Gain on Sales of Fixed Assets

Gain on sales of fixed assets is mainly comprised of gain on sales of land of \(\xi\)1,400 million for the year ended March 31, 2019.

9. Loss on Impairment of Long-Lived Assets

Year ended March 31, 2020

The Group has recorded impairment losses for the following assets.

7	N	1	n
4	U	4	U

			(Millions of	(Thousands of
Applications	Location	Type	yen)	U.S. dollars)
Production facilities	Kitakami, Iwate Prefecture	Machinery and transport equipment	¥ 92	\$ 843
		Construction in progress	98	903
		Other	23	212
	Oshu, Iwate Prefecture	Machinery and transport equipment	32	291
		Construction in progress	33	302
		Other	12	111
	Kurashiki, Okayama Prefecture	Buildings and structures	74	683
		Machinery and transport equipment	431	3,963
		Construction in progress	10	90
		Other	114	1,051
		Intangible assets	13	114
	United States of America	Buildings and structures	701	6,446
		Machinery and transport equipment	1,772	16,289
		Construction in progress	130	1,197
		Other	50	463
	Mexico	Buildings and structures	140	1,283
		Machinery and transport equipment	909	8,357
		Other	25	231
		Intangible assets	7	61
Offices and warehouses	Aomori, Aomori Prefecture Akita, Akita	Buildings and structures Land	2	22
	Prefecture Kanazawa, Ishikawa Prefecture	Land	19	171

9. Loss on Impairment of Long-Lived Assets (continued)

[Background of recognition of impairment losses]

The book value of the above production facilities was written down to the recoverable value and the difference was recorded as an impairment loss since recoverability of amounts invested is not expected due to declining profitability.

The book value of the above offices and warehouses was written down to the selling value and the difference was recorded as an impairment loss since these assets are expected to be sold.

[Method of grouping assets]

Individual asset items have been grouped by considering management accounting category. Idle assets are grouped by individual property.

[Method of calculating recoverable value]

The recoverable value of the production facilities in Kitakami, Iwate Prefecture, Oshu, Iwate Prefecture, Kurashiki, Okayama Prefecture, the United States of America and Mexico was determined as the net realizable value based on reasonable estimates using the real estate appraisal value and others.

9. Loss on Impairment of Long-Lived Assets (continued)

Year ended March 31, 2019

The Group has recorded impairment losses for the following assets.

2019

	20	19	(Millions of
Applications	Location	Type	yen)
Production facilities	Kitakami, Iwate Prefecture	Buildings and structures	¥ 25
		Machinery and transport equipment	226
		Land	1
		Construction in	161
		progress Other	84
	Oshu, Iwate Prefecture	Buildings and structures	36
		Machinery and transport equipment	207
		Land	39
		Construction in progress	4
		Other	29
	Hungary	Buildings and structures	817
		Machinery and transport equipment	5,672
		Land	22
		Other	141
		Intangible assets	150
	United States of America	Buildings and structures	811
		Machinery and transport equipment	1,824
		Land	20
		Other	159
	Mexico	Buildings and structures	537
		Machinery and transport equipment	173
		Construction in progress	246
		Other	28
		Intangible assets	7
Idle real estate	Yokohama, Kanagawa	Buildings	76
	Prefecture Kitakami, Iwate Prefecture	Land	30

9. Loss on Impairment of Long-Lived Assets (continued)

[Background of recognition of impairment losses]

The book value of the above production facilities was written down to the recoverable value and the difference was recorded as an impairment loss since recoverability of amounts invested is not expected due to declining profitability.

The book value of the above idle real estate was written down to the recoverable value and the difference was recorded as an impairment loss since the land is not expected to be used in the future and there is no specific future usage plan.

[Method of grouping assets]

Individual asset items have been grouped by considering management accounting category. Idle assets are grouped by individual property.

[Method of calculating recoverable value]

The recoverable value of the production facilities in Kitakami, Iwate Prefecture, Oshu, Iwate Prefecture, Hungary, the United States of America and Mexico and idle real estate in Yokohama, Kanagawa Prefecture and Kitakami, Iwate Prefecture was determined as the net realizable value based on reasonable estimates using the real estate appraisal value and others.

10. Loss on Violation of Antimonopoly Laws

The components of loss on violation of antimonopoly laws are as follows:

	2020	2	019	2020
	(Million	(Thousands of		
				U.S. dollars)
Surcharge	¥ 3,123	¥	_	\$28,699
Lawyers' fees and others	80		155	738

The Company and NHK International Corporation, a consolidated subsidiary in the United States, agreed with the United States Department of Justice to plead guilty and pay a criminal fine with regard to a violation of the United States Sherman Act (antitrust law) for manufacturing and sales of hard disk drive (HDD) suspensions. The United States Department of Justice filed a summary trial and a verdict was finalized for the trial. The payment of the fine was made accordingly.

The fine and other expenses including lawyers' fees to deal with investigations by the United States Department of Justice were recorded under other income (expenses) for the years ended March 31, 2020 and 2019.

11. Investment Securities

The aggregate cost, fair value and net unrealized gains or losses of investment securities at March 31, 2020 and 2019 for which market value was readily available are summarized as follows:

Other securities with market value

	At March 31, 2020					
		Cost	Fair value (carrying amount)		carrying Unre	
Securities whose fair value exceeds their cost:			(Mill	ions of yer	ı)	
Equity securities Securities whose fair value does not exceed their cost:	¥	9,316	¥	31,389	¥	22,073
Equity securities		3,201		2,588		(613)
Total	¥	12,517	¥	33,977	¥	21,460
	At March 31, 2019 Fair value					
		Cost		carrying mount)	_	
				ions of yer	- 	
Securities whose fair value exceeds their cost:						
Equity securities Securities whose fair value does not	¥	11,549	¥	42,908	¥	31,359
exceed their cost:						
exceed their cost: Equity securities		1,430		1,199		(231)

11. Investment Securities (continued)

	At March 31, 2020					
			F	air value		
		Cost	,	carrying amount)		Inrealized ins (losses)
	(Thousands of U.S. dollars)					r_{S})
Securities whose fair value exceeds their cost:						
Equity securities Securities whose fair value does not exceed their cost:	\$	85,628	\$	288,503	\$	202,875
Equity securities		29,417		23,788		(5,629)
Total	\$	115,045	\$	312,291	\$	197,246

(Note) Impairment is recognized in case the fair market value decreases by 50% or more compared with the acquisition cost, except if a recovery is expected. If the fair value decreases by 30% or more but less than 50%, the possibility of recovery is assessed. If the Company determines that there is no possibility of recovery, an impairment loss is recognized.

Other securities which were sold in the year ended March 31, 2020 were as follows:

			202	20		
	Amoun	t of sale	Gain	on sale	Loss	on sale
		(1	Millions	of yen)		
Equity securities	¥	22	¥	9	¥	3
			202	20		
	Amoun	t of sale	Gain	on sale	Loss	on sale
		(Thous	ands of	U.S. dol	lars)	
Equity securities	\$	205	\$	80	\$	26

There were no other securities sold in the year ended March 31, 2019.

Impairment losses of ¥694 million (\$6,382 thousand) for shares of subsidiaries and affiliated companies and ¥468 million (\$4,300 thousand) for other securities were recognized during the year ended March 31, 2020. Impairment loss of ¥612 million for shares of subsidiaries and affiliated companies and ¥449 million for other securities were recognized during the year ended March 31, 2019.

11. Investment Securities (continued)

The aggregate carrying amount of the securities for which market value was not readily available at March 31, 2020 and 2019 is summarized as follows:

			At M	Iarch 31	l ,	
		2020	,	2019		2020
Equity securities of non-listed		(Million	ns of ye	en)	*	ousands of L. dollars)
companies	¥	951	¥	950	\$	8,735
	¥	951	¥	950	\$	8,735

12. Retirement Benefits for Employees

The Group has defined benefit plans and defined contribution plans such as corporate pension plans and lump-sum payment plans. The Group has primarily established cash balance plans, in which a hypothetical individual account is established for each participant. In addition to monthly contribution credits, interest credits based on market interest rates are also accumulated in the hypothetical individual accounts. Retirement benefit trusts are established for certain corporate pension plans and lump-sum payment plans.

Certain domestic consolidated subsidiaries apply the simplified method in computing net defined benefit liability and retirement benefit expenses.

In addition to the above, certain domestic consolidated subsidiaries participate in multi-employer pension plans. These plans are accounted for in the same manner as a defined contribution plan when reasonable estimates for pension assets of the participating companies cannot be obtained.

Defined Benefit Plans

(1) The reconciliation between retirement benefit obligations at the beginning of the year and the end of the year (excluding plans applying the simplified method) is as follows:

	2020	2019	2020
	(Million	(Millions of yen)	
			U.S. dollars)
Retirement benefit obligations at beginning of year	¥56,270	¥54,651	\$517,186
Service costs	2,838	2,655	26,088
Interest costs	367	347	3,378
Actuarial gains or losses	1,370	604	12,588
Retirement benefits paid	(2,046)	(1,961)	(18,805)
Prior service costs	880	59	8,085
Other	(230)	(85)	(2,115)
Retirement benefit obligations at end of year	¥59,449	¥56,270	\$ 546,405

(2) The reconciliation between plan assets at the beginning of the year and the end of the year (excluding plans applying the simplified method) is as follows:

	2020	2019	2020
	(Millions of yen)		(Thousands of
			U.S. dollars)
Plan assets at beginning of year	¥45,209	¥46,941	\$415,521
Expected return on plan assets	1,213	1,178	11,152
Actuarial gains or losses	(4,128)	(2,843)	(37,939)
Contributions from employer	953	953	8,763
Retirement benefits paid	(1,171)	(1,019)	(10,767)
Other	(76)	(1)	(703)
Plan assets at end of year	¥42,000	¥45,209	\$ 386,027

(3) The reconciliation between defined benefit liability of plans applying the simplified method at the beginning of the year and the end of the year is as follows:

	2020	2019	2020
	(Millions of yen)		(Thousands of
			U.S. dollars)
Defined benefit liability at beginning of year	¥ 3,664	¥ 3,529	\$ 33,679
Retirement benefit expenses	487	471	4,476
Retirement benefits paid	(225)	(212)	(2,070)
Contribution to the plans	(126)	(124)	(1,158)
Defined benefit liability at end of year	¥ 3,800	¥ 3,664	\$ 34,927

(4) The reconciliation between retirement benefit obligations and plan assets at the end of the year and defined benefit liability and defined benefit asset on the consolidated balance sheets is as follows:

	2020	2019	2020
	(Millions	s of yen)	(Thousands of
			U.S. dollars)
Funded retirement benefit obligations	¥ 42,441	¥ 42,815	\$ 390,079
Plan assets	(42,000)	(45,209)	(386,027)
	441	(2,394)	4,052
Unfunded retirement benefit obligations	20,808	17,119	191,253
Net defined benefit liability (asset) recorded on the consolidated balance sheets	¥ 21,249	¥ 14,725	\$ 195,305
Net defined benefit liability	¥ 23,191	¥ 19,395	\$ 213,150
Net defined benefit asset	(1,942)	(4,670)	(17,845)
Net defined benefit liability (asset) recorded on the consolidated balance sheets	¥ 21,249	¥ 14,725	\$ 195,305

(Note) The amounts in above table include plans applying the simplified method.

(5) The breakdown of retirement benefit expenses for the years ended March 31, 2020 and 2019 is as follows:

	2020	2019	2020
	(Million	(Millions of yen)	
			U.S. dollars)
Service costs	¥ 2,838	¥ 2,655	\$ 26,088
Interest costs	367	347	3,378
Expected return on plan assets	(1,213)	(1,178)	(11,152)
Amortization of actuarial gains or losses	364	63	3,345
Amortization of prior service costs	954	188	8,765
Retirement benefit expenses calculated using the			
simplified method	487	471	4,476
Retirement benefit expenses on defined benefit			
plans	¥ 3,797	¥ 2,546	\$ 34,900

(6) The components of retirement benefit liability adjustments for the years ended March 31, 2020 and 2019 in other comprehensive income (before income tax effect) are as follows:

	2020	2019	2020				
	(Millions of y		(Thousands of				
			U.S. dollars)				
Prior service costs	¥ (101)	¥ (129)	\$ (934)				
Actuarial gains or losses	5,181	3,388	47,626				
Total	¥ 5,080	¥ 3,259	\$ 46,692				

(7) The components of retirement benefit liability adjustments as of March 31, 2020 and 2019 in accumulated other comprehensive income (before income tax effect) are as follows:

	2020	2019	2020		
	(Million	s of yen)	(Thousands of		
			U.S. dollars)		
Unrecognized prior service costs	¥ (545)	¥ (444)	\$ (5,013)		
Unrecognized actuarial gains or losses	9,988	4,807	91,798		
Total	¥ 9,443	¥ 4,363	\$ 86,785		

(8) Plan assets

(i) Breakdown of plan assets

The percentages of various assets to total plan assets by major category as of March 31, 2020 and 2019 are as follows:

	2020	2019
Equity securities	46%	51%
Debt securities	27	24
General accounts	16	15
Other	11	10
Total	100%	100%

(Note) 36% and 39% of the total plan assets are held by retirement benefit trusts, which are established for corporate pension plans, as of March 31, 2020 and 2019, respectively.

(ii) Determination of long-term expected rate of return

The long-term expected rate of return on plan assets is determined based on the current and the expected allocation of plan assets and the current and the long-term expected rates of return from various assets constituting the plan assets.

(9) Actuarial assumptions

The major actuarial assumptions for the years ended March 31, 2020 and 2019 are as follows:

	2020	2019
Discount rates		
Domestic plans	0.0 - 0.3%	0.0 - 0.3%
Foreign plans	1.9 - 7.3%	3.4 - 7.7%
Long-term expected rates of return on plan		
assets		
Domestic plans	2.0 - 3.0%	2.0 - 3.0%
Foreign plans	_	_

(Note) The benefit formula method is primarily applied (this does not reflect estimated future increases in points due to salary increases).

Defined Contribution Plans

The required contributions to defined contribution plans of the Group, including multi-employer pension plans which are accounted for in the same manner as a defined contribution plan, were \$1,516 million (\$13,933 thousand) and \$1,510 million for the years ended March 31, 2020 and 2019, respectively.

13. Short-Term Borrowings and Long-Term Debt

The components of short-term borrowings, long-term debt, other interest-bearing debt and lease obligations due within one year as of March 31, 2020 and 2019 are as follows:

	At March 31,						
	2020	2019	2020				
	(Millio	ns of yen)	(Thousands of U.S. dollars)				
Short-term borrowings:							
Loans from banks and other financial institutions with weighted average interest rates of 1.707% and 1.814% at March 31,							
2020 and 2019, respectively	¥ 3,420	¥ 3,315	\$ 31,432				
Current portion of long-term loans from							
banks and other financial institutions	16,944	15,103	155,732				
Other interest-bearing debt (commercial							
paper)	4,000	6,000	36,765				
Current portion of lease obligations	404	293	3,718				
	¥ 24,768	¥ 24,711	\$ 227,647				

13. Short-Term Borrowings and Long-Term Debt (continued)

Long-term debt and lease obligations

Long-term debt and lease obligations at March 31, 2020 and 2019 are comprised of the following:

At March 31,						
2020	2019	2020				
(Milli	ons of yen)	(Thousands of U.S. dollars)				
¥ –	¥ 11,099	¥ –				
	4					
50,172	47,800	461,140				
548	538	5,034				
50,720	59,437	466,174				
(16,944)	(26,202)	(155,732)				
¥ 33,776	¥ 33,235	¥ 310,442				
	(Milli ¥ - 50,172 548 50,720 (16,944)	2020 2019 (Millions of yen) \$\frac{47,800}{548} \text{538} \\ 50,720 \text{59,437} \\ (16,944) \text{(26,202)}				

Details of the convertible bond-type bonds with subscription rights to shares are as follows:

Description	U.S. dollar denominated convertible bond-type bonds with subscription rights to shares due 2019
Shares to be issued	Common stock
Issue price of subscription rights to shares	No consideration
Issue price of shares	\$10.90
Total issue amount	\$100,000 thousand
Total issue amount of shares as a result of exercise of subscription rights to shares	_
Percentage of vested subscription rights to shares	100%
Exercise period of subscription rights to shares	From October 6, 2014 to September 6, 2019
Matters related to substitute payments	Upon exercise of each subscription right to shares, the corresponding bond shall be redeemed as a capital contribution in kind at the price equal to the face value of the bond.

13. Short-Term Borrowings and Long-Term Debt (continued)

The aggregate annual maturities of long-term debt at March 31, 2020 are summarized as follows:

Year ending March 31,	(Millions of yen)	(Thousands of U.S. dollars)
2022	¥ 13,517	\$ 124,239
2023	11,601	106,628
2024	6,220	57,169
2025 and thereafter	1,890	17,372
	¥ 33,228	\$ 305,408

The year-by-year breakdown of lease obligations due as of March 31, 2020 is as follows:

Year ending March 31,	(Millions of yen)	(Thousands of U.S. dollars)
2022	¥ 269	\$ 2,475
2023	154	1,417
2024	89	812
2025 and thereafter	36	330
	¥ 548	\$ 5,034

14. Asset Retirement Obligations

(1) Summary of relevant asset retirement obligations

Asset retirement obligations include obligations associated with the removal of asbestos used in certain property, plant and equipment required under the "Ordinance on Prevention of Health Impairment due to Asbestos of Japan" at the time of their retirement and obligations associated with the duty to restore premises to their original condition at the time of vacating the property under real estate lease contracts for certain branches, offices and other locations.

(2) Calculation of the amount of relevant asset retirement obligations

Asset retirement obligations are calculated with the remaining useful lives of the relevant assets as the basis for the estimated period until expenditure and a discount rate of 2.1%.

(3) The changes in asset retirement obligations at March 31, 2020 and 2019 are as follows:

	At March 31,						
	2020	2019	2020				
	(Millions	(Thousands of U.S. dollars)					
Balance at beginning of year	¥ 569	¥ 599	\$ 5,232				
Increase due to change in estimates	106	1	972				
Accretion expense	0	0	1				
Decrease due to settlement of asset							
retirement obligations	(70)	(30)	(643)				
Decrease due to change in estimates	_	(1)	_				
Balance at end of year	¥ 605	¥ 569	\$ 5,562				

(4) Change in estimated amount of asset retirement obligations

During the years ended March 31, 2020 and 2019, the Company reviewed the expenditure amount expected to arise at the time of retirement of buildings and structures of consolidated subsidiaries. The Company obtained quotations and other new sources of information and consequently changed the estimated amount of the asset retirement obligations.

The effect of this change in estimates on profit or loss was immaterial.

15. Research and Development Expenses

Research and development expenses included in "Cost of sales" and "Selling, general and administrative expenses" amounted to \fomall18,407 million (\\$169,186 thousand) and \fomall16,822 million for the years ended March 31, 2020 and 2019, respectively.

16. Income Taxes

The statutory tax rates in Japan for the years ended March 31, 2020 and 2019 was 30.4%.

At March 31, 2020 and 2019, significant components of deferred tax assets and liabilities are summarized as follows:

	At March 31,						
	2020	2019	2020				
	(Million	s of yen)	(Thousands of U.S. dollars)				
Deferred tax assets:							
Net defined benefit liability	¥ 7,394	¥ 5,463	\$ 67,965				
Tax loss carryforwards (Note)	4,706	4,526	43,250				
Accrued expenses	3,649	3,312	33,543				
Accumulated impairment losses	3,034	2,416	27,891				
Accrued employees' bonuses	2,885	3,078	26,517				
Depreciation	1,837	1,603	16,880				
Loss from securities revaluation	919	909	8,445				
Loss on valuation of inventories	807	747	7,418				
Other	3,819	2,243	35,101				
Total gross deferred tax assets	29,050	24,297	267,010				
Less: Valuation allowance for tax loss							
carryforwards (Note)	(4,600)	(4,513)	(42,284)				
Less: Valuation allowance for deductible							
temporary differences	(6,378)	(4,203)	(58,616)				
Total valuation allowance	(10,978)	(8,716)	(100,900)				
Total gross deferred tax assets	18,072	15,581	166,110				
Offset against deferred tax liabilities	(8,991)	(7,420)	(82,642)				
Net deferred tax assets	¥ 9,081	¥ 8,161	\$ 83,468				
Deferred tax liabilities:							
Unrealized holding gain on securities	¥ (7,353)	¥ (10,282)	\$ (67,579)				
Special tax purpose reserve	(2,748)	(2,823)	(25,259)				
Other	(2,702)	(1,672)	(24,838)				
Total deferred tax liabilities	¥(12,803)	¥ (14,777)	\$(117,676)				
Offset against deferred tax assets	8,991	7,420	82,642				
Net deferred tax liabilities	¥ (3,812)	¥ (7,357)	\$ (35,034)				

16. Income Taxes (continued)

(Note) The expiration of tax loss carryforwards and the resulting net deferred tax assets at March 31, 2020 and 2019 were as follows:

	At March 31, 2020													
	(Millions of yen)													
	77	Vithin	C	ne to		wo to hree	ть	ree to	E.	our to	(Over		
		e year		o years		ears		r years		e years		e years	7	Γotal
Tax loss	- 011	ic year	- 100	o years		cars	100	i years	111	c years	111	c years		Otal
carryforwards (*1)	¥	100	¥	193	¥	18	¥	25	¥	241	¥∠	1,129	¥∠	1,706
Valuation allowance														
for tax loss		(100)		(102)		(10)		(25)		(241)	()	1.022)	()	1 (00)
carryforwards Net deferred tax		(100)	-	(193)	-	(18)		(25)	-	(241)		1,023)		1,600)
assets relating to														
tax loss	¥	_	¥	_	¥	_	¥	_	¥	_	¥	106	¥	106
carryforwards	÷		_								÷	100	<u> </u>	100
						At	Mar	ch 31, 2	019					
								ns of ye						
	-				T	wo to		<i>J J</i>						
	V	Vithin	C	ne to	t	hree	Th	ree to	F	our to	(Over		
	on	e year	two	o years		ears	fou	r years	fiv	e years	fiv	e years		Total
Tax loss	1 7	12	v	221	V	270	V	0	v	10	v	2 904	V	1.506
carryforwards (*1) Valuation allowance	¥	13	¥	331	¥	278	¥	0	¥	10	ŧ.	3,894	¥ 4	1,526
for tax loss														
carryforwards		(13)		(331)		(278)		(0)		(10)	(3	3,881)	(4	1,513)
Net deferred tax														
assets relating to tax loss														
carryforwards	¥		¥		¥		¥		¥		¥	13	¥	13
,														
								ch 31, 2						
							ands	of U.S.	dolla	ers)				
	V	Vithin	C	ne to		wo to hree	Th	ree to	E	our to	(Over		
		e year		o years		ears/		r years		e years		e years	7	Γotal
Tax loss	-												-	
carryforwards (*1)	\$	924	\$	1,772	\$	168	\$	230	\$ 2	2,213	\$37	7,943	\$43	3,250
Valuation allowance														
for tax loss carryforwards		(924)	((1,772)		(168)		(230)	C	2,213)	(36	5,977)	(4)	2,284)
Net deferred tax		(727)		<u> -,,,,,,,</u>		(100)		(230)		_,	(30	,,,,,,	(7/2	-,207)
assets relating to														
tax loss	\$	_	\$	_	\$	_	\$	_	\$	_	\$	966	\$	966
carryforwards	<u> </u>		<u> </u>				·				<u> </u>			

^(*1) Tax loss carryforwards were calculated by applying the statutory tax rate.

16. Income Taxes (continued)

At March 31, 2020 and 2019, reconciliations of the statutory tax rate and the effective tax rate were as follows:

	2020	2019
Statutory tax rate	30.4%	30.4%
Different tax rates applied to subsidiaries	0.8	5.5
Loss on violation of antimonopoly laws	7.8	_
Permanent differences	(6.7)	(10.2)
Dividend income from the consolidated subsidiaries	11.8	16.0
Special deduction for research and development expenses	(3.6)	(2.9)
Investment tax credit	(1.4)	(0.8)
Difference in valuation allowances	13.1	19.3
Foreign tax credit	(0.4)	(0.6)
Other	0.1	(0.4)
Effective income tax rate	51.9%	56.3%

17. Distributions of Retained Earnings

Under the Companies Act of Japan, the distribution of retained earnings with respect to a given financial period is made by resolution of the shareholders at a general meeting held subsequent to the close of the financial period or by resolution of the Board of Directors if certain conditions are met. The accounts for that period do not, therefore, reflect such distributions.

18. Guarantees and Contingent Liabilities

As of March 31, 2020 and 2019, the Group had the following guarantees:

	At March 31,				
	2020	2019	2020		
	(Millions of yen)		(Thousands of U.S. dollars)		
Borrowings from financial institutions by unconsolidated subsidiaries and affiliated subsidiaries, affiliated companies and					
employees	¥ 1,111	¥ 1,968	\$ 10,210		

19. Leases

Finance lease transactions are depreciated by the straight-line method using the lease term as the useful life and a residual value of zero.

Non-cancellable operating lease commitments are as follows:

			At March 31,	,
	2	2020	2019	2020
		(Millior	is of yen)	(Thousands of U.S. dollars)
Due within one year	¥	258	¥ 243	\$ 2,372
Due over one year		591	759	5,431
Total	¥	849	¥1,002	\$ 7,803

20. Derivative Financial Instruments

In the normal course of business, the Group utilizes derivative financial instruments, including forward foreign exchange contracts, currency swap contracts, foreign currency options and foreign currency swap contracts, to manage its exposure to adverse fluctuations in foreign exchange rates relating to receivables, payables and short/long-term debt denominated in foreign currencies. In addition, the Group uses interest-rate swap contracts to limit its exposure to losses in relation to short-term investments and debt with floating interest rates, resulting from adverse fluctuations in interest rates. The Group does not use derivatives for speculative or trading purposes.

[Derivatives not meeting the criteria for hedge accounting]

The contract amount (notional principal amount), estimated fair value of, and unrealized gain on, the outstanding contracts at March 31, 2020 and 2019 are summarized as follows:

	At March 31, 2020							
		Contrac notional amo						
			Ove	er one	_		Unr	ealized
	T	otal	y	ear	Fair	r value		gain
			(1	Million.	s of ye	n)		
Currency swap contracts: To receive Mexican peso/ to pay								
Japanese yen	¥	777	¥	777	¥	169	¥	169

20. Derivative Financial Instruments (continued)

	At March 31, 2019				
	(notional	et amount l principal ount)			
		Over one		Unrealized	
	Total	year	Fair value	gain	
		(Millions	s of yen)		
Currency swap contracts: To receive Mexican peso/ to pay Japanese yen	¥ 777	¥ 777	¥ 43	¥ 43	
		At March	31, 2020		
	(notional	et amount I principal ount)			
		Over one		Unrealized	
	Total	year	Fair value	gain	
		(Thousands of	$\overline{U.S. dollars}$		
Currency swap contracts:					
To receive Mexican peso/ to pay					
Japanese yen	\$ 7,140	\$ 7,140	\$ 1,554	\$ 1,554	

- (Note 1) Fair value is measured based on quotes and others provided by financial institutions and others.
- (Note 2) The above currency swap contracts are accounted for as derivatives meeting the criteria for hedge accounting with loans to consolidated subsidiaries as a hedged item on the non-consolidated financial statements of the Company. The above currency swap contracts became subject to the disclosure since loans to consolidated subsidiaries were eliminated on the consolidated financial statements and the hedge accounting is no longer to be applied.

[Derivatives meeting the criteria for hedge accounting]

The contract amount (notional principal amount) and estimated fair value of the outstanding contracts at March 31, 2020 and 2019 are summarized as follows:

		At March Contrac			
		(notional amo			
	Hedged		Over one	ne	
	items	Total	year	Fair value	
		(Millions	of yen)		
Interest rate swap contracts:					
To receive floating/	Long-term				
to pay fixed	debt	¥ 13,170	¥ 9,200	(Note)	

20. Derivative Financial Instruments (continued)

		At March	31, 2019		
		(notional	Contract amount (notional principal amount)		
	Hedged		Over one		
	items	Total	year	Fair value	
		(Millions	of yen)		
Interest rate swap contracts: To receive floating/ to pay fixed	Long-term debt	¥ 13,110	¥ 9,170	(Note)	
		At March	31, 2020		
		Contractional amount			
	Hedged		Over one	•	
	items	Total	year	Fair value	
		(Thousands of	U.S. dollars)		
Interest rate swap contracts:					
To receive floating/	Long-term				
to pay fixed	debt	\$121,048	\$ 84,559	(Note)	

(Note) The fair values of interest rate swap contracts meeting certain conditions for hedge accounting are included in that of the corresponding long-term debt because interest rate swap contracts are treated together with the long-term debt as the hedged item.

21. Financial Instruments

1. Outline of financial instruments

(1) Policy for financial instruments

The Group invests only in short-term bank deposits and obtains financing through borrowings from banks or the issuance of bonds. Derivatives are used, not for speculative purposes, but to manage exposure to financial risks as described herein.

(2) Type of financial instruments and related risk

Receivables such as notes and accounts receivable, trade are exposed to customer credit risk. Receivables denominated in foreign currencies arising from global business transactions are exposed to foreign currency exchange fluctuation risk; however, the risk associated with principal export transactions is constantly maintained within the limits established based on historical experience and the exposures are hedged by forward exchange rate contracts. Equity investments are exposed to the risk of market price fluctuations; nevertheless, they mainly consist of equity of companies with which the Company has business relationships, and their fair values are evaluated quarterly and reported to the Board of Managing Directors. Payment terms of payables, such as notes and accounts payable, trade are mostly less than one year. Although payables in foreign currencies are exposed to foreign currency exchange fluctuation risk, those risks are constantly netted against the balance of receivables denominated in the same foreign currency. Borrowings and commercial papers are used to raise necessary funds for working capital and capital expenditures. Although some borrowings with floating interest rates are exposed to interest rate fluctuation risk, such exposure is hedged by using derivatives (interest rate swaps).

(3) Risk management for financial instruments

1) Monitoring of credit risk (the risk that customer or counterparties may default)

The Group monitors payment terms and the balances of receivables by individual customer in accordance with internal rules on management of accounts receivable and has a system to periodically assess the credit risk of the customers.

2) Monitoring of market risks (the risk arising from fluctuations in foreign exchange rates, interest rates and others)

The Group mitigates foreign currency exchange fluctuation risks in connection with receivables and short/long-term debt denominated in foreign currencies by using exchange rate contracts for a certain proportion of such receivables and debt. In addition, the Company uses interest rate swap contracts for long-term debt to fix interest payments on borrowings with floating interest rates; therefore, there is no interest rate fluctuation risk exposure for interest payments on long-term debt.

- (3) Risk management for financial instruments (continued)
 - 3) Monitoring of liquidity risk (the risk that the Group may not be able to meet its obligations on scheduled due dates)

The Group manages liquidity risk by timely making projection and revision of cash flow plans by the department in charge of finance based on reports from each relevant department.

(4) Supplementary explanation of estimated fair value of financial instruments

Not applicable

2. Fair values of financial instruments

Carrying amount, fair value and unrealized gain/loss of the financial instruments as of March 31, 2020 and 2019 are as follows:

	At March 31, 2020				
	Carrying amount	Fair value		realized in (loss)	
		(Millions of yen)			
(1) Cash and bank deposits	¥ 74,593	¥ 74,593	¥	_	
(2) Notes and accounts receivable, trade	134,315	134,315		_	
(3) Investment securities					
Other securities	33,977	33,977		_	
(4) Long-term loans receivable	2,761	2,835		74	
Total assets	¥ 245,646	¥ 245,720	¥	74	
(1) Notes and accounts payable, trade	¥ 116,880	¥ 116,880	¥	_	
(2) Short-term borrowings	3,420	3,420		_	
(3) Current portion of long-term debt	20,944	20,944		_	
(4) Accrued income taxes	3,039	3,039		_	
(5) Notes payable-facilities	3,380	3,380		_	
(6) Long-term debt	33,228	33,199		(29)	
(7) Long-term lease obligations	548	545		(3)	
Total liabilities	¥ 181,439	¥ 181,407	¥	(32)	
Derivative financial instruments	¥ 169	¥ 169	¥	_	

2. Fair values of financial instruments (continued)

	At March 31, 2019			
	Carrying amount	Fair value	Unrealized gain (loss)	
		(Millions of yen		
(1) Cash and bank deposits	¥ 98,574	¥ 98,574	¥ –	
(2) Notes and accounts receivable, trade	139,689	139,689	_	
(3) Investment securities				
Other securities	44,107	44,107	_	
(4) Long-term loans receivable	3,995	4,105	110	
Total assets	¥ 286,365	¥ 286,475	¥ 110	
(1) Notes and accounts payable, trade	¥ 127,306	¥ 127,306	¥ –	
(2) Short-term borrowings	3,315	3,315	_	
(3) Current portion of long-term debt	21,103	21,103	_	
(4) Accrued income taxes	2,933	2,933	_	
(5) Notes payable-facilities	7,309	7,309	_	
(6) Current portion of U.S. dollar denominated				
convertible bond-type bonds with subscription rights to shares	11,099	10,982	(117)	
(7) Long-term debt	32,697	32,661	(36)	
(8) Long-term lease obligations	538	537	(1)	
Total liabilities	¥ 206,300	¥ 206,146	¥ (154)	
Derivative financial instruments	¥ 43	¥ 43	¥ -	
		At March 31, 202	20	
	Carrying	Fair	Unrealized	
	amount	value	gain (loss)	
		usands of U.S. do		
(1) Cash and bank deposits	\$ 685,598	\$ 685,598	\$ -	
(2) Notes and accounts receivable, trade	1,234,514	1,234,514	_	
(3) Investment securities	, ,			
Other securities	312,291	312,291	_	
(4) Long-term loans receivable	25,376	26,056	680	
Total assets	\$2,257,779	\$2,258,459	\$ 680	
(1) Notes and accounts payable, trade	\$1,074,261	\$1,074,261	\$ -	
(2) Short-term borrowings	31,432	31,432	_	
(3) Current portion of long-term debt	192,497	192,497	_	
(4) Accrued income taxes	27,929	27,929	_	
(5) Notes payable-facilities	31,070	31,070	_	
(6) Long-term debt	305,408	305,144	(264)	
(7) Long-term lease obligations	5,034	5,010	(24)	
Total liabilities	\$1,667,631	\$1,667,343	\$ (288)	
Derivative financial instruments	\$ 1,554	\$ 1,554	\$ -	

2. Fair values of financial instruments (continued)

(Note 1) Methods to determine the estimated fair value of financial instruments and other matters related to securities and derivative transactions

Assets:

(1) Cash and bank deposits and (2) Notes and accounts receivable, trade

These assets are recorded using book values because fair values approximate book values due to their short-term maturities.

(3) Investment securities

The fair values of equity securities are determined using the quoted price at the stock exchange, and those of debt securities are determined using the quoted price obtained from the financial institutions.

Please see Note 11 "Investment Securities" for information on securities by holding purpose.

(4) Long-term loans receivable

The fair values of long-term loans receivable are determined by the present value, calculated based on the estimated amount of principal and interest receivable, reflecting the collectability and discounted using the interest rate of Japanese government bonds with the corresponding maturities.

Liabilities

(1) Notes and accounts payable, trade, (2) Short-term borrowings, (3) Current portion of long-term debt, (4) Accrued income taxes, and (5) Note payable-facilities

These payables are recorded using book values because fair values approximate book values due to their short-term maturities.

(6) Long-term debt and (7) Long-term lease obligations

The fair values of long-term debt and lease obligations are determined by discounting the aggregated values of the principal and interest using an assumed interest rate applied in case the same type of loans or leases should be newly made. Long-term debt with floating interest rates is hedged by interest rate swap contracts meeting certain conditions for hedge accounting, and the fair values are determined by discounting the aggregated values of the principal and interest accounted for together with the related interest rate swap contracts using the reasonably estimated interest rate to be applied when the same types of loans are newly made.

Derivative financial instruments:

Please see the Note 20 "Derivative Financial Instruments."

2. Fair values of financial instruments (continued)

(Note 2) Financial instruments for which it is extremely difficult to determine the fair value

	2020	2019	2020
	(Millions of yen)		(Thousands of U.S. dollars)
Equity investments of unlisted subsidiaries and			
affiliated companies	¥7,925	¥10,158	\$72,844
Other unlisted equity securities	951	950	8,735

The items above are not included in "(3) Investment securities" because there is no market price and it is very difficult to determine their fair values.

(Note 3) Redemption schedule of monetary assets and investment securities with contractual maturities as of March 31, 2020

	(Millions of yen)						
	Within one year	One to five years	Five to ten years	Over ten years			
Cash and bank deposits	¥ 74,593	¥ –	¥ –	¥ –			
Notes and accounts receivable, trade	134,315	_	_	_			
Long-term loans receivable		2,669	68	24			
Total	¥ 208,908	¥ 2,669	¥ 68	¥ 24			
		(Thousands of	U.S. dollars)				
	Within	One to	Five to	Over			
	one year	five years	ten years	ten years			
Cash and bank deposits	\$ 685,598	\$ -	\$ -	\$ -			
Notes and accounts receivable, trade	1,234,514	_	_	_			
Long-term loans receivable		24,535	625	216			
Total	\$1,920,112	\$ 24,535	\$ 625	\$ 216			

2. Fair values of financial instruments (continued)

(Note 4) Redemption schedule of short-term borrowings, long-term debt and long-term lease obligations as of March 31, 2020

			(Million	is of yen)			
	Within	One to	Two to	Three to	Four to	Over	
	one year	two years	three years	four years	five years	five years	
Short-term borrowings	¥ 3,420	¥ –	¥ –	¥ -	¥ –	¥ –	
Long-term debt	20,944	13,517	11,601	6,220	1,890	_	
Long-term lease							
obligations		269	154	89	34	2	
Total	¥ 24,364	¥ 13,786	¥ 11,755	¥ 6,309	¥ 1,924	¥ 2	
	(Thousands of U.S. dollars)						
	Within	One to	Two to	Three to	Four to	Over	
	one year	two years	three years	four years	five years	five years	
Short-term borrowings	\$ 31,432	\$ -	\$ -	\$ -	\$ -	\$ -	
Long-term debt	192,497	124,239	106,628	57,169	17,372	_	
Long-term lease obligations		2,475	1,417	812	310	20	
Total	\$223,929	\$126,714	\$108,045	\$ 57,981	\$ 17,682	\$ 20	

22. Other Comprehensive Income

The components of other comprehensive loss for the years ended March 31, 2020 and 2019 are as follows:

	2020	2019	2020	
	(Million	(Thousands of U.S. dollars)		
Unrealized holding loss on securities:				
Amount arising during year	¥ (10,129)	¥ (9,953)	\$ (93,099)	
Reclassification adjustments	462	449	4,246	
Amount before the adjustment of tax effect	(9,667)	(9,504)	(88,853)	
Tax effect	2,933	2,894	26,960	
Unrealized holding loss on securities	(6,734)	(6,610)	(61,893)	
Translation adjustments:				
Amount arising during year	2,955	(2,072)	27,157	
Retirement benefit liability adjustments:				
Amount arising during year	(5,496)	(3,449)	(50,517)	
Reclassification adjustments	414	190	3,808	
Amount before the adjustment of tax effect	(5,082)	(3,259)	(46,709)	
Tax effect	1,362	1,047	12,518	
Retirement benefit liability adjustments	(3,720)	(2,212)	(34,191)	
Share of other comprehensive loss of affiliated companies accounted for by the equity method:				
Amount arising during year	(388)	(175)	(3,567)	
Total other comprehensive loss	¥ (7,887)	¥ (11,069)	\$ (72,494)	

23. Segment Information

(1) Outline of reportable segments

The reportable segments of the Group are components for which discrete financial information is available and whose operating results are regularly reviewed by the Board of Directors to make decisions about allocation of management resources and to assess performance.

The Company operates principally in four industrial segments: automotive suspension springs; automotive seating; precision springs and components; and industrial machinery and equipment, and others based on manufacturing divisions of the Company. The main products of each segment are as follows:

Automotive suspension springs: Coil springs, stabilizer bars, leaf springs, torsion

bars, stabilizer links, bellows, stabilinker and

others

Automotive seating: Seats, mechanical seating components, trim

parts and others

Precision springs and components: HDD suspensions and mechanical components,

wire springs, flat springs, motor cores, LCD/semiconductor testing probe units,

fastener (screw), precision machine components

and others

Industrial machinery and equipment,

and others:

Semiconductor processing products, ceramic products, spring mechanisms, pipe support

systems, automatic parking systems, polyurethane products, metal substrates,

security products, lighting equipment, golf club

shafts and others

(2) Calculation method of net sales, income, assets and other items by reportable segment

The accounting treatments for reportable segments are consistent with those described in Note 1. Summary of Significant Accounting Policies. Segment income is based on operating profit.

(3) Net sales, income, assets and other items by reportable segment

	Year ended March 31, 2020													
	Automotive suspension springs	Automotive seating	Precision springs and components	Industrial machinery and equipment, and others	Total	Adjustments	Consolidated total							
			(n)										
Sales: Sales to external customers Inter-segment sales	¥126,333 1,669	¥302,573 355	¥142,982 1,814	¥ 92,612 10,128	¥ 664,500 13,966	¥ – (13,966)	¥ 664,500							
Net sales	¥ 128,002	¥302,928	¥ 144,796	¥ 102,740	¥ 678,466	¥ (13,966)	¥ 664,500							
Segment income	¥ 2,709	¥ 6,960	¥ 6,244	¥ 4,802	¥ 20,715	¥ –	¥ 20,715							
Segment assets Other items: Depreciation and	¥ 98,976	¥109,670	¥ 119,409	¥ 82,943	¥410,998	¥121,617	¥ 532,615							
amortization Investments in affiliated companies accounted for by the	¥ 6,215	¥ 5,402	¥ 9,898	¥ 3,122	¥ 24,637	¥ 1,771	¥ 26,408							
equity-method Increase in property, plant and equipment and intangible and	1,978	2,678	1,580	1,109	7,345	-	7,345							
other assets	15,156	5,571	14,462	2,953	38,142	1,709	39,851							
	Year ended March 31, 2019													
	-			Industrial										
				machinery										
	Automotive		Precision	and										
	suspension	Automotive	springs and	equipment,	m . 1		Consolidated							
		Automotive seating	springs and components	equipment, and others	Total	Adjustments	Consolidated total							
Salas	suspension		springs and components	equipment,		Adjustments								
Sales: Sales to external	suspension		springs and components	equipment, and others		Adjustments								
Sales: Sales to external customers	suspension		springs and components	equipment, and others		Adjustments ¥ –								
Sales to external	suspension springs	seating	springs and components	equipment, and others Millions of ye	en)		total							
Sales to external customers	suspension springs ¥ 128,880	seating ¥ 303,243	springs and components ¥ 152,958	equipment, and others (Millions of year) ¥ 95,925	¥ 681,006	¥ –	total							
Sales to external customers Inter-segment sales	\$\text{suspension springs}\$ \times 128,880 \\ \times 1,778 \\ \times 130,658 \\ \times 6,193	¥ 303,243 122 ¥ 303,365 ¥ 4,435	springs and components ¥ 152,958 1,863	equipment, and others Millions of ye ¥ 95,925 9,919 ¥ 105,844 ¥ 6,230	¥ 681,006 13,682 ¥ 694,688 ¥ 26,650	¥ - (13,682) ¥ (13,682) ¥ -	total ¥ 681,006							
Sales to external customers Inter-segment sales Net sales Segment income Segment assets Other items:	* 128,880 1,778 * 130,658	\$\text{seating}\$ \times 303,243 \tag{122} \times 303,365	\$\text{springs and components}\$ \times 152,958 \tag{1,863} \times 154,821	equipment, and others (Millions of year) \$\frac{\text{\$\text{\$Y\$}}}{95,925}\$ \$\frac{\text{\$95,925}}{9,919}\$ \$\frac{\text{\$\text{\$\$Y\$}}}{105,844}\$	¥ 681,006 13,682 ¥ 694,688	¥ - (13,682) ¥ (13,682)	¥ 681,006 - ¥ 681,006							
Sales to external customers Inter-segment sales Net sales Segment income Segment assets Other items: Depreciation and amortization Investments in affiliated companies	\$\text{suspension springs}\$ \times 128,880 \\ \times 1,778 \\ \times 130,658 \\ \times 6,193	¥ 303,243 122 ¥ 303,365 ¥ 4,435	¥ 152,958 1,863 ¥ 154,821 ¥ 9,792	equipment, and others Millions of ye ¥ 95,925 9,919 ¥ 105,844 ¥ 6,230	¥ 681,006 13,682 ¥ 694,688 ¥ 26,650	¥ - (13,682) ¥ (13,682) ¥ -	¥ 681,006 - ¥ 681,006 ¥ 26,650							
Sales to external customers Inter-segment sales Net sales Segment income Segment assets Other items: Depreciation and amortization Investments in	¥ 128,880 1,778 ¥ 130,658 ¥ 6,193 ¥ 108,429	\$\frac{\pmathbf{\text{\tint{\text{\tin}\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\text{\tex{\tex	¥ 152,958 1,863 ¥ 154,821 ¥ 9,792 ¥ 121,173	¥ 95,925 9,919 ¥ 105,844 ¥ 6,230 ¥ 87,129	¥ 681,006 13,682 ¥ 694,688 ¥ 26,650 ¥ 442,158	¥ - (13,682) ¥ (13,682) ¥ - ¥ 131,041	¥ 681,006 — ¥ 681,006 ¥ 26,650 ¥ 573,199							

(3) Net sales, income, assets and other items by reportable segment (continued)

	Year ended March 31, 2020									
				Industrial machinery						
	Automotive suspension springs	Automotive seating	Precision springs and components	and equipment, and others	Total	Adjustments	Consolidated total			
			(Thous	dollars)						
Sales: Sales to external										
customers	\$1,161,147	\$2,781,005	\$1,314,175	\$ 851,210	\$6,107,537	\$ -	\$6,107,537			
Inter-segment sales	15,339	3,267	16,673	93,089	128,368	(128,368)				
Net sales	\$1,176,486	\$2,784,272	\$1,330,848	\$ 944,299	\$6,235,905	\$ (128,368)	\$6,107,537			
Segment income	\$ 24,896	\$ 63,973	\$ 57,389	\$ 44,142	\$ 190,400	\$ -	\$ 190,400			
Segment assets	\$ 909,707	\$1,007,995	\$1,097,505	\$ 762,346	\$3,777,553	\$1,117,808	\$4,895,361			
Other items: Depreciation and amortization Investments in	\$ 57,122	\$ 49,651	\$ 90,970	\$ 28,699	\$ 226,442	\$ 16,281	\$ 242,723			
affiliated companies accounted for by the equity-method Increase in property, plant and equipment	18,185	24,610	14,522	10,194	67,511	-	67,511			
and intangible and other assets	139,304	51,202	132,927	27,137	350,570	15,705	366,275			

- (Note 1) Adjustments for segment assets of ¥121,617 million (\$1,117,808 thousand) and ¥131,041 million at March 31, 2020 and 2019, respectively, include corporate assets not allocated to each reportable segment. Corporate assets consist mainly of cash and bank deposits that are not attributable to any reportable segment.
- (Note 2) Adjustments for depreciation and amortization relate to the head office building.
- (Note 3) Adjustments for increase in property, plant and equipment and intangible and other assets of \(\frac{\pmathbf{Y}}{1,709}\) million (\(\frac{\pmathbf{1}}{5,705}\) thousand) and \(\frac{\pmathbf{Y}}{2,226}\) million at March 31, 2020 and 2019, respectively, relate to increased corporate assets that are not attributable to any reportable segment.

(4) Information by geographic area

	As of/ Year ended March 31, 2020									
		Japan	S	United states of America	Т	hailand		Other		Total
						ons of yen)				
Sales	¥	366,503	¥	101,927	¥	107,189	¥	88,881	¥	664,500
Property, plant and equipment (including leased assets)		109,674		24,835		21,625		24,169		180,303
			A	As of/ Year	enc	ded March	31, 2019			
				United States of						
		Japan	A	Merica	T	hailand		Other		Total
						ons of yen)				
Sales	¥	361,257	¥	108,885	¥	108,265	¥	102,599	¥	681,006
Property, plant and equipment (including leased assets)		106,854		27,851		17,541		20,594		172,840
					enc	ded March	31	, 2020		
			S	United States of						
		Japan	A	America		hailand		Other		Total
						s of U.S. do				
Sales	\$	3,368,595	\$	936,826	\$	985,191	\$	816,925	\$ 6	5,107,537
Property, plant and equipment (including leased assets)		1,008,032		228,266		198,761		222,135	-	1,657,194

(5) Information on major customers

Year ended March 31, 2020

icui chiacu iviaich di, 2020									
Name of customer	Net s	ales	Reportable segments						
	(Millions of yen)	(Thousands of U.S. dollars)							
SUBARU CORPORATION	¥ 68,294	\$ 627,706	Automotive suspension springs; automotive seating; precision springs and components; and industrial machinery and equipment, and others						

For the year ended March 31, 2019, information on major customers is omitted since there is no external customer with a sales amount of 10% or more of the Group's net sales.

(6) Information on impairment loss of long-lived assets by reportable segment

						Year e	nded M	arch 31	, 202	20					
	sus	Automotive suspension Automotive springs seating			Precision and springs and components and others					otal	Elimin or cor	porate			
							(Million.								
Impairment loss	¥	3,735	¥	931	¥	_	¥	21	¥	4,687	¥	_	¥	4	,687
	Year ended March 31, 2019														
	Year ended March 31, 2019 Industrial														
							machi								
		omotive				cision	an				Elimin		~		
		pension orings		motive ating	_	gs and onents	equipa and or		Т	otal	or cor		Cor	ısolı tota	dated
	5]	Jilligs	30	atting	comp		(Million			Jiai	ass	CIS		tota	.1
Impairment loss	¥	9,329	¥	842	¥	1,278	¥	- -		11,449	¥	76	¥	11	,525
						Year e	nded M		, 202	20					
							Indus								
	Ant	omotive			Dro	cision	mach an	-			Flimi	nations			
		pension	Auto	omotive		ngs and	equip					rporate	Cor	isoli	dated
		prings		ating		ponents	and o		Τ	otal		sets		tota	
	-					(Thou	sands oj	U.S. do	llars)					
Impairment loss	\$.	34,327	\$	8,563	\$ -		\$	193	\$	43,083	\$ -		\$ 43,08		,083
				As of/ Year ended March 31, 2020 Industrial											
	Aut														
		omotive			Prec	cision	Indus machi an	nery			Elimir	ations			
	sus	omotive pension	Auto	omotive		cision gs and	machi	nery d			Elimin or cor		Con	ısoli	dated
				omotive ating	sprin		machi an	inery d ment,	Te	otal		porate	Con	solio tota	
A	sį	pension orings	sea	ating	sprin	gs and onents	machi an equipi and o	nery d ment, thers	1		or cor	porate		tota	1
Amortization Unamortized balance	sį	pension		ating	sprin	gs and onents	machi an equipi and o	nery d ment, thers			or cor	porate			
	sį	pension orings	sea	ating	sprin comp	egs and conents	machi an equipi and o	inery d ment, thers s of yen)	¥	0 -	or cor	porate		tota	1
	sį	pension orings	sea	ating	sprin comp	egs and conents	machi an equipi and o (Million. ¥ ar endee	thers s of yen) d March ttrial	¥	0 -	or cor	porate		tota	1
	sp	pension prings ¥ 0 —	sea	ating	sprin comp ¥	gs and conents — — s of/ Ye	machi an equipi and o (Million. ¥ ar endec	thers s of yen) d March trial thery	¥	0 -	or cor ass ¥	porate ets _ _		tota	1
	Aut	pension prings ¥ 0 –	¥	ating	sprin comp ¥ As	gs and conents - s of/ Ye	machi an equipi and o (Million. ¥ ar endec Indus machi an	thers d March strial inery d	¥	0 -	or cor ass ¥	porate ets	-	tota ¥	0 -
	Aut	pension orings ¥ 0 - omotive pension	Sec. ¥	ating	sprin comp ¥ Ar Precesprin	gs and conents - s of/ Ye cision gs and	machi an equipi and o (Million. ¥ ar endee Indus machi an equipi	d ment, thers d March trial inery d ment,	¥ n 31,	0 - 2019	or cor ass	porate ets ations porate	-	tota ¥	0 -
	Aut	pension prings ¥ 0 –	Sec. ¥	ating	sprin comp ¥ Ar Precesprin	gs and conents	machi an equipi and o Million. ¥ ar endee Indus machi an equipi and o	thers thers thers thers thers there is trial the there is the the there is the the there is the there	¥ n 31,	0 -	or cor ass ¥	porate ets ations porate	-	tota ¥	0 -
	Aut	pension orings ¥ 0 - omotive pension	Sec. ¥	ating y - omotive ating	sprin comp ¥ Ar Precesprin	gs and conents	machi an equipi and o (Million. ¥ ar endee Indus machi an equipi	thers thers thers thers thers there is trial the there is the the there is the the there is the there	¥ n 31,	0 - 2019	or cor ass	porate ets ations porate	Cor	tota ¥	0 -
Unamortized balance	Aut	pension prings ¥ 0 — omotive pension prings	Auto sec	ating y - omotive ating	sprin comp 4 Are sprin comp	gs and conents	machi an equipi and o Million. Y ar endee Indus machi an equipi and o (Million).	thers thers thers thers thers there is trial the there is the the there is the the there is the there	¥ 1 31, To	0 - 2019	or cor ass ¥ Elimir or cor ass	porate ets ations porate	Cor	¥ asoli- tota	0 - dated
Unamortized balance Amortization	Aut	pension prings ¥ 0 omotive pension prings ¥ 1	Auto sec	ating y - omotive ating	sprin comp ¥ As Prec sprin comp	gs and conents - s of/ Ye cision gs and conents	machi an equipi and o (Million. ¥ ar endee Indus machi an equipi and o (Million. ¥	d ment, thers s of yen) d March trial thery d ment, thers s of yen, s of yen, s of yen, s of yen, s	¥ 131, To	0 - 2019 otal	or cor ass ¥ Elimir or cor ass	porate ets ations porate	Cor	¥ asoli- tota	0 - dated
Unamortized balance Amortization	Aut	pension prings ¥ 0 omotive pension prings ¥ 1	Auto sec	ating y - omotive ating	sprin comp ¥ As Prec sprin comp	gs and conents - s of/ Ye cision gs and conents	machi an equipi and o (Million. ar endee Indus machi an equipi and o (Million	d ment, thers d March trial ment, thers d ment, thers a f yen, d March thers d March thers d March thers d March thers d March there d March there d March there d March there d March the f was a fine of the first of t	¥ 131, To	0 - 2019 otal	or cor ass ¥ Elimir or cor ass	porate ets ations porate	Cor	¥ asoli- tota	0 - dated
Unamortized balance Amortization	Aut	pension prings ¥ 0 omotive pension prings ¥ 1	Auto sec	ating y - omotive ating	sprin comp ¥ As Prec sprin comp	gs and conents - s of/ Ye cision gs and conents	machi an equipi and o (Million. Y ar ended Indus machi an equipi and o (Million. ¥ Ar ended Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus Indus	d ment, thers s of yen) d March trial ment, thers s of yen, s of yen, s of yen, strial	¥ 131, To	0 - 2019 otal	or cor ass ¥ Elimir or cor ass	porate ets ations porate	Cor	¥ asoli- tota	0 - dated
Unamortized balance Amortization	Autusus	pension prings ¥ 0 omotive pension prings ¥ 1	Auto sec	ating y - omotive ating	sprin comp ¥ A: Prec sprin comp	gs and conents - s of/ Ye cision gs and conents	machi an equipi and o (Million. ar endee Indus machi an equipi and o (Million	d ment, thers d March trial inery d ment, thers d ment, thers d March strial inery	¥ 131, To	0 - 2019 otal	elimir or cor	porate ets ations porate	Cor	¥ asoli- tota	0 - dated
Unamortized balance Amortization	Aut sus sı	pension prings ¥ 0 omotive pension prings ¥ 1 0	Auto se:	ating y - omotive ating	sprin comp ¥ A: Prec sprin comp ¥ As	gs and conents s of/ Ye cision gs and conents s of/ Yes	machi and o (Million. ar ended Indus machi an equipi and o (Million.	d ment, thers sof yen) d March trial ment, thers sof yen,	¥ 131, To	0 - 2019 otal	elimir or cor ass	ets autions porate ets	Cor	¥ ansolii tota ¥	0 - dated
Unamortized balance Amortization	Aut sus	pension orings ¥ 0 omotive pension orings ¥ 1 0 omotive	Auto se:	omotive ating	Precespring	gs and conents s of/ Ye cision s of/ Yes s of/ Yes	machi an equipi and o (Million. ¥ ar ended Indus machi an equipi and o (Million. ¥ ar ended Indus machi an equipi and o (Million. ¥	d ment, thers d March trial inery d ment, thers e sof yen, e l March strial inery d ment, there e trial inery d ment, e strial inery d ment, e trial inery d ment,	To 31,	0 - 2019 otal	elimin or cor	porate ets	Cor	¥ ansolii tota ¥	dated ald
Unamortized balance Amortization Unamortized balance	Aut sus sy	pension prings ¥ 0 omotive pension prings ¥ 1 omotive pension prings	Auto sea	omotive cating	Precespring comp	gs and conents s of/ Ye cision gs and conents cision gs and conents	machi and o (Million. Y ar ender Indus machi an equipi and o (Million. Y ar ender Indus machi an equipi and o (Million. Y ar equipi and o	thers of yen, a sof yen, a sof yen, a thers of yen, b thers of yen, a sof yen, a thers of yen, b thers of yen, a thers of yen, a thers of yen, b thers of yen, a thers of yen, a there of yen, a there of yen, b there of yen, a ther	¥ To Y To To To To To To To To	0 - 2019 otal 1 0 2020 Cotal)	Elimir or cor ass	porate ets	Cor	tota ¥ asoli tota ¥	dated al dated al
Unamortized balance Amortization	Aut sus sy	pension prings ¥ 0 omotive pension orings ¥ 1 omotive pension	Auto se:	omotive cating	Precespring	gs and conents s of/ Ye cision gs and conents cision gs and conents	machi and o (Million. Y ar endee Indus machi an equipi and o (Million. Y ar endee Indus machi an equipi and o (Million. Y ar equipi and o	thers of yen, a sof yen, a sof yen, a thers of yen, b thers of yen, a sof yen, a thers of yen, b thers of yen, a thers of yen, a thers of yen, b thers of yen, a thers of yen, a there of yen, a there of yen, b there of yen, a ther	¥ 1 31, To 31, 4	0	elimin or cor	porate ets	Cor	tota ¥ asoli tota ¥	dated ald

24. Related Party Transactions

There were no related party transactions to be disclosed for the years ended March 31, 2020 and 2019.

25. Subsequent Event

[Distribution of retained earnings]

The following distribution of retained earnings, which has not been reflected in the accompanying consolidated financial statements for the year ended March 31, 2020, was approved by the shareholders of the Company at the Annual General Meeting of Shareholders held on June 25, 2020:

	(Millions of yen)	(Thousands of U.S. dollars)
Cash dividends of ¥5.0 (\$0.05) per share	¥ 1,177	\$ 10,819