

Since its establishment, the NLM Group has been Japan's sole fully integrated aluminum manufacturer offering varieties of products ranging from aluminum raw material to fabricated products.

Aluminum has properties that make it a superb industrial material: it is lightweight and has excellent processability, corrosion resistance, thermal conductivity, and recyclability. Nippon Light Metal applies its core strengths — a wealth of knowledge about aluminum and its characteristics and technological capabilities that have been developed over many years — to supply a highly diversified range of products to a number of key industrial sectors, including the automotive, electrical and electronics, information and telecommunication, environment, safety, energy, construction, railroad, and food products industries.

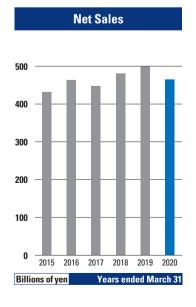
By carrying on development of new applications for aluminum and aluminum materials, the NLM Group is to continue to support customers in wide-ranging industrial sectors and contribute to improving the quality of people's lives and protection of the environment.

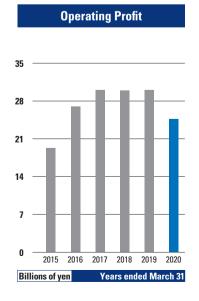


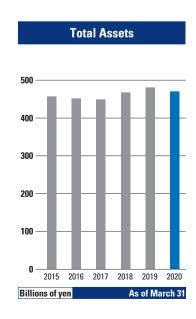
NLM Group

Nippon Light Metal Holdings Company, Ltd. and its consolidated subsidiaries Years ended March 31

	2019	2020	2020	
	Millions of yen		Thousands of U.S. dollars	
For the year:				
Net sales	¥500,451	¥465,946	\$4,281,411	
Operating profit	30,052	24,607	226,105	
Profit attributable to owners of parent	20,560	7,476	68,694	
At year-end:				
Total assets	481,303	470,004	4,318,699	
Net assets	202,735	201,198	1,848,737	
Short-term borrowings and long-term debt,	,			
including bonds and capital lease obligation	143,742	137,091	1,259,680	







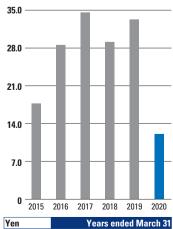
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	yen			U.S. dollars		
Per share data (yen and dollars):						
Net profit —basic	¥	33.20	¥	12.07	\$	0.11
Cash dividends		9.00		9.00		0.08
Net assets	30	03.37	3	300.83		2.76
Stock information (TSE) (yen and dollars):						
Stock price:						
High	¥	305	¥	256	\$	2.35
Low		200		141		1.30

Note: U.S. dollar amounts have been translated, for convenience only, at the exchange rate of ¥108.83=U.S.\$1.00. See Note 2 of the Notes to the Consolidated Financial Statements.

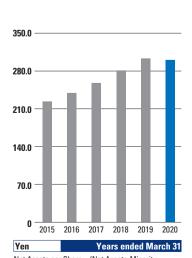
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Net profit per Share



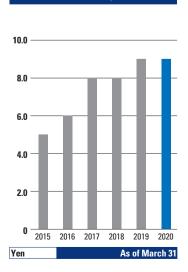
Net Income per Share = (Net Income - Amount not attributable to common shareholders) / Average Number of Shares Outstanding

Net Assets per Share



Net Assets per Share = (Net Assets-Minority interests in consolidated subsidiaries) / Number of Shares Outstanding at Year-end

Cash Dividends per Share



To Our Shareholders



Ichiro Okamoto, President & CEO

I would like to take this opportunity to extend my sincere gratitude to our shareholders for their continued support of our business operations.

I hereby report on the operating results for Nippon Light
Metal Holdings Company, Ltd. ("NLM Holdings") for fiscal 2019
(the year from April 1, 2019 to March 31, 2020).

Business Environment of Fiscal 2019

During the fiscal year under review, the global economy faced growing concerns over its outlook, such as trade frictions between the United States and China, Brexit, and geopolitical risk in the Middle East. Furthermore, as the novel coronavirus infection started to spread this year, the global economy sharply deteriorated. The Japanese economy also appeared to be stuttering as a result of the increase of the consumption tax rate and a series of natural disasters, in addition to overseas economic trends, and it turned downward towards the end of the fiscal year owing to the spread of the novel coronavirus infection in Japan.

The aluminum industry saw demand for semiconductor manufacturing equipment and cars decline, resulting in an overall lack of strength. Furthermore, aluminum ingot prices continued a downward trend.

Basic Policies in the Mid-Term Management Plan and Initiatives in Fiscal 2019

Under such circumstances, the NLM Group (the "Group") strove to maximize consolidated net sales in accordance with the basic policies in the Mid-Term Management Plan ("MTMP"), which commenced in the fiscal year under review and covers fiscal 2019 through 2021.

Under the first basic policy in MTMP, "create new products and businesses," we strove to develop products and businesses, taking advantage of the supply chain with manufacturing at the core, to thoroughly pursue Group-wide cooperation and create new value for all customers. Specifically, we have created and provided high value-added products through a comprehensive process ranging from materials and design to processing, in the fields such as the heat device business for environmentally friendly vehicles.

Under the second basic policy in MTMP, "invest resources for growth," we vigorously invested resources into fields and regions where the Group's strengths can be utilized. First, in response to increasing demand for environmentally friendly vehicles due to China's new energy vehicle (NEV) regulations, we expanded factory buildings to start local production of related products. In the secondary alloy business, in order to meet the growth of the Indian automobile market and

help Japanese manufacturers entering the market, our joint venture company with a local company commenced operation of the second factory

Furthermore, expecting demand for aluminum products to increase in North America amid tightened environmental regulations and increasing needs for automobile weight reduction, we established a subsidiary in the United States to develop, manufacture, and distribute automobile suspension parts, which came after the establishment of our existing marketing base there. Additionally, in the aluminum paste business, a central lab (a key research and development center for high-performance aluminum paste) started full-scale operation in Japan to meet the needs of new colors for automobile paint and support business development around the world.

Overview of Consolidated Financial Results



Despite various measures mentioned above, net sales decreased 6.9% year on year to ¥465.9 billion, operating profit decreased 18.1% year on year to \(\frac{\pma}{2}\)4.6 billion, and ordinary profit decreased 24.5% year on year to ¥23.5 billion. In addition, as a result of recording special losses for the cost of dealing with sedimentation in Amehata Dam (Yamanashi Prefecture), which is owned by Nippon Light Metal Co., Ltd., profit attributable to owners of parent decreased 63.6% year on year to ¥7.5 billion.

Year-end dividend payment will be \forall 5 per share, which, combined with the interim dividend of \{\foatie{4}\} already paid, will bring annual dividend payment to ¥9 per share (unchanged from the previous year).

Overview by Business Segment



Net sales in the Aluminum Ingot and Chemicals segment decreased 12.1% year on year to ¥102,833 million and operating profit increased 13.4% year on year to ¥10,902 million. In the Alumina and Chemicals segment, although sales of mainstay aluminum hydroxide and aluminarelated products for refractories and semiconductor-related products declined, profits increased year on year due to the effect of improved product mix, solid sales of high valueadded products, and falling raw material prices. In the

To Our Shareholders

Aluminum Ingot segment, regarding the mainstay secondary alloy products for automotive applications, demand in North America was firm, but a decline in demand in Japan, China and Thailand and competition with general-purpose alloys made in China dragged down sales and sales prices.

Net sales in the Aluminum Sheet and Extrusions segment decreased 6.2% year on year to \(\frac{1}{4}101,193 \) million and operating profit decreased 50.3% year on year to \(\frac{1}{4}3,556 \) million. In the Aluminum Sheet segment, there was a decline in sales volumes of thick plates for semiconductor and liquid crystal manufacturing equipment, materials for environmentally friendly vehicles and for PC cases. In the Aluminum Extrusions segment, in addition to sluggish sales of truck-related products, sales volume decreased for semiconductor manufacturing equipment and automobile-related products. Both segments were affected by the decline in sales prices, which reflected prices of aluminum ingots, in addition to the decrease in sales volume.

Net sales in the Fabricated Products and Others segment decreased 4.0% year on year to ¥172,975 million and operating profit decreased 10.6% year on year to \text{\text{\$\text{\$Y}10,440 million}}. In the truck outfitting business, while demand for trailers was strong, there were impacts from a decline in sales for compact trucks due to a reactionary fall following rush demand ahead of the tightening of exhaust gas regulations, as well as a decline in demand for temperature-controlled vehicles. Profits increased year on year as a result of improved productivity and falling material prices. In the heat exchanger business, sales of products related to environmentally friendly vehicles fell sharply, despite robust sales of capacitors for air conditioners mainly for mainstay mini vehicles. In the Electronic Materials segment, demand for anodized aluminum foil for aluminum electrolytic capacitors showed little growth, and both net sales and operating profit fell significantly from the previous year. In the Panel System segment, sales of panel systems for clean rooms at electronic parts factories as well as for medical and pharmaceutical applications increased in response to 5G (the fifth generation mobile communication system) infrastructure development. However, sales of panel systems for food processing plants, particularly large-scale projects, decreased, resulting in lower sales and profits for the segment. In the Landscape Engineering segment, among products for roads and bridges, sales of new products for bridge inspections remained robust from the previous year, and demand

for products for structures such as sluice gates and water purification plants increased, resulting in higher net sales for the segment compared with the previous year. However, the segment's operating profit fell below the previous year's level, owing to the amortization of goodwill incurred when Sumikei-Nikkei Engineering Co., Ltd. (now known as Nikkei Engineering Co., Ltd.) became a subsidiary in the previous year. In the Carbon Product segment, both sales and profits increased, reflecting strong sales of high value-added products of mainstay carbon blocks for blast furnaces and electric furnaces, and progress in the heat treatment business for anode materials in lithium-ion batteries.

Net sales in the Aluminum Foil, Powder and Paste segment decreased 6.7% year on year to ¥88,945 million and operating profit decreased 39.9% year on year to ¥3.074 million. In the Aluminum Foil segment, there was increased demand for plain foil for lithium-ion battery surfaces and cathode materials, as well as foil for pharmaceutical packaging, but sales of foil for capacitors declined sharply due to lower demand for electronic components and high-tech products, resulting in decreased sales and profits for the segment. In the Powder and Paste segment, sales of aluminum powder in electronic material for heat dissipation performed well, and sales of aluminum nitride for thermal conductive fillers increased, but overall sales of powder products were sluggish. High value-added paste products were relatively buoyant, but sales volume of mainstay products for automobile paint decreased due to lower automobile production and other factors. As a result, the segment's sales and profits both decreased. In the Solar segment, sales volume of back sheets for solar cells fell due to the Chinese government's revision of its measure for supporting introduction of solar power generation systems, as well as price competition. Functional ink products for solar cells also faced intensified competition due to the market entry of competitors, while sales of new products for next-generation cells remained sluggish. As a result, both sales and profits of the Solar segment decreased.

Establishment of the Nomination and Remuneration Committee



In February 2020, the Company decided to set up a "Nomination and Remuneration Committee" as an advisory

body to the Board of Directors and the President and CEO.

In nominating and appointing or dismissing directors and executive officers ("applicable officers"), and making decisions on remuneration for applicable officers, the Company has always provided explanations to independent outside directors and made resolutions by the Board of Directors based on the opinions of the independent outside directors. We recently decided to establish the Nomination and Remuneration Committee to further enhance the independence, objectivity, and accountability of functions of the Board of Directors regarding decisions on the nomination and remuneration of applicable officers, as well as the corporate governance structure. The roles of the committee also include matters related to the succession plan for the President and CEO.

Members of the committee are elected by the Board of Directors. The committee shall consist of three or more members, including the President and CEO. The majority of them shall be independent outside directors. In addition, the chairman is elected by the Board of Directors from the independent outside directors who are committee members.





The uncertainty over overall economic activities around the world is increasing due to the spread of the novel coronavirus infection, and the future outlook is also unclear in Japan.

The forecast of the consolidated financial results for fiscal 2020 remains undetermined, because the impact of the spread of the novel coronavirus infection is uncertain and it is difficult at this point to reasonably forecast the consolidated financial results of the Group.

I would like to ask for the continuous support of shareholders in our efforts, just as we would do everything in our power to further develop the Group.

June 2020

I. Okamoto

President & CEO Ichiro Okamoto

Countermeasures against sedimentation in the area around Amehata Dam owned by Nippon Light Metal Co., Ltd.

On August 9, 2019, we received administrative guidance from the Kofu River and National Highway Office of the Kanto Regional Development Bureau of the Ministry of Land, Infrastructure, Transport and Tourism regarding the results of periodic inspection of Amehata Dam (Hayakawa Town, Minamikoma-qun, Yamanashi Prefecture), which is owned by our subsidiary Nippon Light Metal Co., Ltd. In addition, torrential rain from Typhoon Krosa (Typhoon No. 10) in August 2019 and Typhoon Hagibis (Typhoon No. 19) in October 2019 caused the water level of the Amehata River upstream from the dam to rise, resulting in floods in the areas around the dam. We hereby extend our deepest apologies to residents and other affected people for the great problems and anxieties caused by the flood.

Nippon Light Metal Co., Ltd. set up the Amehata Area Sediment Countermeasures Investigative Commission (the "Investigative Commission") with the Ministry of Land, Infrastructure, Transport and Tourism, the Yamanashi prefectural government, and the municipal government of Hayakawa Town in September 2019. As a result of repeated investigations on emergency measures against flood damage in the surrounding areas and drastic measures against accumulated sediment, we obtained the consent of the Ministry of Land, Infrastructure, Transport and Tourism, the Yamanashi prefectural government, and the municipal government of Hayakawa Town regarding countermeasures for sedimentation in the Amehata area. Following this, we submitted a compiled basic plan for addressing sedimentation in Amehata Dam to the Kofu River and National Highway Office of the Kanto Regional Development Bureau of the Ministry of Land, Infrastructure, Transport and Tourism.

Based on the plan, we will implement emergency measures such as the installation of temporary dikes to ensure the safety of the Honmura district, as well as drastic measures such as the construction of haul roads with a view to increasing the capacity to remove sediment and using them for disaster prevention in the local area with the aim of eliminating flood and earth flow damage to the Honmura district, the area upstream from Amehata Dam. We will also continue to work towards finding more potential areas to move sediment to and solving issues related to removal methods.



Special Feature: Relocation of the NLM Group's Head Office

— NLM Group aims to become a corporate group that continues to create new value for customers by facilitating group communication and collaboration —

Nippon Light Metal Holdings moved its head office to Minato-ku, Tokyo in December 2019. Approximately 1,000 employees from 18 group companies including Nippon Light Metal and Toyo Aluminium gathered in the new office.



Promote the facilitation of group communication and collaboration



The NLM Group aims to further grow as a corporate group that continues to create new value for clients, under the slogan of "working as Team NLM to be a groundbreaking innovator of aluminum and beyond." To that end, the Company reached a conclusion that it was indispensable to work together beyond the boundaries of groups, departments, and positions more than ever.

The office relocation is targeted at promoting the facilitation of group communication and collaboration.

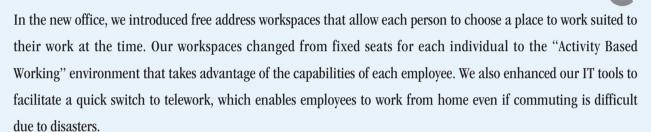
To achieve the objective, a working team formed by young employees from each group company was involved in the creation of the new office from the planning stage and solicited various ideas from group employees to realize an "office created by employees themselves."

In addition, we conducted training called "Change Management" to address employees' anxiety arising from major changes in their work styles and to help them adapt to those changes.





Advance work style reform based on the concept of "Activity Based Working"







The new office has become a space where flexible ideas can be generated more easily due to the new work styles of employees.

Going forward, we will aim to become a stronger corporate group that can meet potential needs of clients, while further promoting group collaboration, creating complex products, and enhancing added value of products such as maintenance, services, and delivery.





NLM Group establishes a joint venture company to produce automotive parts in North America





In November 2019, Nippon Light Metal North America, Inc. (headquarters: Ohio, U.S.A.; hereinafter "NLMNA"), a whollyowned subsidiary of Nippon Light Metal, and ITOCHU Metals Corporation (headquarters: Minato-ku, Tokyo) established Nippon Light Metal Georgia, Inc. ("NLMGA"), a joint venture company to be engaged in development, manufacturing, and sale of aluminum parts for automobiles in the United States, the second largest automobile producing country in the world.

NLMGA began construction of a new plant in November 2019 to produce aluminum suspension parts in Georgia, U.S.A, against the backdrop of the need for lighter-weight vehicles in light of increasingly tighter local environmental regulations. Local production will start in 2022. The plan is to invest a total of 5.0 billion yen by 2024.

Within the NLM Group, Nikkeikin Aluminium Core Technology has been driving the business of manufacturing and distribution of aluminum parts for automobiles in Japan and China until now. Nikkeikin Aluminium Core Technology will support the new company with the start-up of the business and operations. Furthermore, we aim to grow the business by leveraging ITOCHU Metals' business experience and network in North America.



Ground-breaking ceremony of Nippon Light Metal Georgia, Inc.

With the establishment of NLMGA, the Company seeks to build a global supply system for aluminum parts for automobiles in Japan, China and the United States. The NLM Group aims to grow and expand its business as a group that continues to create new value for clients.

Overview of th	e joint venture company
Company name	: Nippon Light Metal Georgia, Inc. (NLMGA)
Paid-in capital	: USD16.0 million (JPY1,760 million at JPY110 /USD1)
Ownership ratio	: NLMNA - 90%; ITOCHU Metals - 10%
Establishment	: November 2019
Location	: Adairsville, Georgia, U.S.A.
Representative	: Katsu Nakajima, President
Description of business	. Manufacture and sale of aluminum parts for automobiles
Capital investment	: JPY5.0 billion (aggregate for the period up to 2024)
Business scale	: JPY8.0 billion (2027 plan)



Toyo Aluminium starts full-scale operation of a central lab in the Shinjo Works

— Meet the needs for automobile paint around the world —



In November 2019, Toyo Aluminium started full-scale operation of a central lab on the premise of the Shinjo Works (Katsuragi City, Nara Prefecture) as a core base for developing high functional aluminum paste.

The Toyo Aluminium Group operates its aluminum paste business in Japan, the United States, France, China, and India. The company boasts an overwhelming market share of high-grade aluminum paste for automobile paint, with about 80% in Japan and over 50% in the world. In particular, the Shinjo Works, a specialized aluminum paste plant established in 1968, is the world's largest mother plant for the aluminum paste business.

While tailored proposals for client domains are becoming more important when developing new products, we have built a system at the central lab to meet the global needs for automobile paint, by

installing the same coating equipment used by our customer paint manufacturers and automobile manufacturers. With the new system in place, in addition to accelerating the development of new

products and high functional aluminum paste, we will press ahead with local production for local consumption by transferring technology to domestic and overseas manufacturing bases, considering automation of production equipment, and checking the suitability of locally procured raw materials.



Central lab at the Shinjo Works

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GOVERNANCE

Introduction

Nippon Light Metal Holdings Company, Ltd. (the "Company") is a holding company listed on the First Section of the Tokyo Stock Exchange. It has formed the NLM Group (the "Group") which consists of 77 consolidated subsidiaries, with Nippon Light Metal Company, Ltd. ("NLM") and Toyo Aluminium K.K. as the core business companies, and 15 affiliates accounted for by the equity method. The Group engages in business revolving around the manufacture and sale of aluminum products and related products.

Governance Structure

Regarding the governance of the Group, while respecting the autonomy of each company, management is carried out based on the Group regulations, etc. stipulated by the Company. For matters that affect the entire Group, the Group Executive Committee which consists of members including the Company's directors makes decisions after examining an issue from multiple perspectives. Matters of particular importance are deliberated and determined at Board of Directors meetings.

The Board of Directors of the Company consists of 14 directors, including five independent outside directors (one of them is female), which is an increase by one from the previous year. Thirteen Board of Directors meetings were held in fiscal 2019. To ensure agile management and sufficient deliberation by the Board of Directors, an executive officer system has been adopted to separate the tasks of management and execution.

From the viewpoint of maintaining the institutional independence of the auditing function, the Company has established

a Board of Auditors, which consists of six statutory auditors, including three independent outside auditors (one of them is a foreign national). Twelve Board of Auditors meetings were held in fiscal 2019. Also, there is an employee designated to exclusively provide assistance for auditing duties.

Establishment of the Nomination and Remuneration Committee

In February 2020, the Company set up a Nomination and Remuneration Committee as an advisory body to the Board of Directors and the President and CEO with the aim of enhancing the governance of the Board of Directors. The committee will discuss matters regarding nomination policies such as responsibilities and qualities required of directors, matters regarding the succession plan for the President and CEO, matters regarding remuneration for directors, and other relevant matters.

Members of the Nomination and Remuneration Committee

Chair Masato Ono (independent director)

Member Ryoichi Hayashi (independent director)

Member Haruo Ito (independent director)

Member Toshihito Hayano (independent director)

Member Keiko Tsuchiya (independent director)

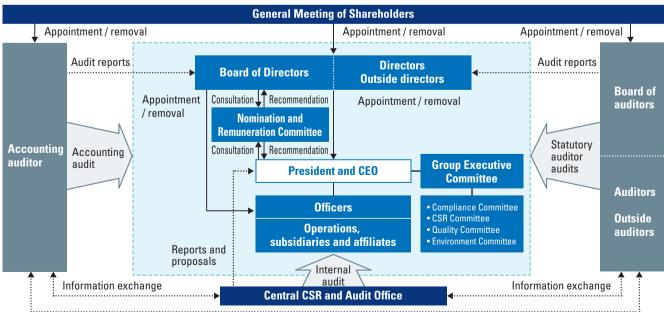
Member Ichiro Okamoto (representative director)

Free Discussions with Outside Directors (Informal Meetings)

The Board of Directors of the Company provides a forum for free discussions revolving around outside directors and outside auditors. Free discussions are held on an informal and irregular basis to exchange opinions mainly on issues that require mid- to long-term and wide-ranging perspectives. Outside officers give their candid

○ Figure 1 Governance Structure

NLM's CORPORATE GOVERNANCE STRUCTURE



Audit reports / information exchange

Our ESG Approach

opinions, which contributes to fostering more active communication and trusting relationships among directors.

Main topics for free discussions

- · Human resource development of the Group
- CSR issues for the Group

Communication with Stakeholders

The Group values sharing information and exchanging opinions through communication with stakeholders, and opinions it receives are reported to persons responsible for the respective businesses and business managers, and handled so that such opinions are reflected in management.

Stakeholder	Method of communication
Employees	Share issues and exchange opinions through the labor union, etc. Make regular communication mainly through individual personnel interviews, meetings, and various events.
Customers	Persons responsible for sales and businesses share issues and exchange opinions through usual business negotiations.
Business partners	Persons responsible for purchase and businesses share issues and exchange opinions through opportunities such as usual business negotiations and briefings for business partners.
Regional society	Each business location maintains communication through participation in local events and business location events to which local residents are invited, etc. Further, shares issues and exchanges opinions by holding regular and irregular briefings for residents in regions with a relatively large environmental impact, etc.
Shareholders and Investors	Share issues and exchange opinions mainly through general meetings of shareholders, financial results briefings, individual meetings, and tours of business locations.
Overall	Discloses this report, CSR report, and various communication tools principally on the website, and shares information and exchanges opinions through telephone, e-mail and other means.

Internal Control System

The Company's Board of Directors has resolved the Basic Policy on the Implementation of Internal Control Systems, and strives to enforce it thoroughly. Each company and department in the Group has designated a person in charge of internal control promotion and an internal control facilitator, to encourage the appropriate establishment and usage of controls. The status of internal control is reported to the Company's Board of Directors every half-year, and guidance is provided as necessary.

Risk Management

The Company's Board of Directors receives reports regarding the status of the Group's risk management every half-year, evaluates it, and issues necessary instructions. What provides the basis of this step is audits of more than 250 cases a year conducted by the Company's risk control department for all subsidiaries. Each specialized audit team carries out audits based on audit plans for each field including quality assurance, environmental conservation, labor management, information systems, accounting and operations, and internal

control. Results of the audits, along with corrective measures, are reported to the Board of Directors, Board of Auditors, and President and CEO of the Company.

Response to COVID-19 (as of June 30, 2020)

A COVID-19 response headquarters covering the whole Group was formed, and the President and CEO himself acts as the head of the response headquarters to give instructions on countermeasures. We have found one coronavirus infection case in Thailand and two cases in the United States within the Group. Direct impact on the business from the infection of employees and others is immaterial. Main measures put in place (including those ongoing) are as follows.

- Collection and analysis of accurate expert information and government policy information and provision of such information to employees (including officers, regular employees, temporary employees, and contract employees; hereinafter the same applies)
- Arrangement and encouragement of the use of soap, alcohol, face masks, etc. to help employees prevent infections individually.
 *Employees have the right to withdraw themselves from work that may pose an immediate risk to their lives and health at their discretion.
- Arrangement of manuals, protective clothing, disinfection equipment, etc. for disinfecting workplaces
- To avoid close-contact settings, ban on business trips and group dining, restrictions on visitors, encouragement of work from home and online meetings and arrangement of ICT tools to enable those measures
- To avoid crowding, staggered work shifts, cancellation of events and conferences, shift system at cafeterias and resting areas, usage restrictions such as time limits, and split operations
- To avoid closed spaces, regular ventilation, forced ventilation using fans, and time limits for meetings and other functions in closed spaces
- Arrangement of infection prevention tools, reduced service options, shorter hours, and other measures to lighten the burden on employees engaged in operations such as delivery and service provision
- Development of procedures and training for dealing with confirmed and suspected infection cases (including all stages of feeling ill, having received PCR testing, and having tested positive; hereinafter the same applies)
- Preparation and training to continue or suspend operations/ business in the event of confirmed and suspected infection cases
- Stay-at-home arrangement for employees with confirmed and suspected infection, consultation with medical institutions, public health centers, etc., and provision of necessary information
- Consideration for employees who had confirmed and suspected infection in returning to work (including ban on discrimination)
- Information sharing and consultation with the labor union in implementing these measures

Internal Control over Financial Reporting

To ensure financial reporting is conducted appropriately, an internal control system related to financial reporting has been set up and put into operation. These efforts are evaluated by an auditing department with the necessary auditing capabilities and whose

independence is secured. The status of design, operation and evaluation is shared with the statutory auditors, the accounting auditor, and is reported to the Company's Board of Directors, after which correctives are made as necessary.

In fiscal 2019, it was confirmed that the Group's internal control continued to be effective.

Compliance Program

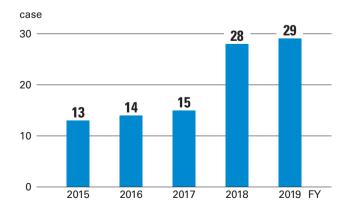
The Company's Compliance Committee is made up of the Company's directors and chaired by the President and CEO. Policies for activities aimed at enhancing compliance are embodied in the Compliance Promotion Plan, and the implementation status of the plan is reported to the Committee every quarter.

The Group's code of conduct is presented in the Group Compliance Code, which has various requirements for all directors and employees of the Group, including compliance with laws and regulations, corporate ethics and business etiquette, sensible conduct, and active communication with stakeholders. To ensure the thorough dissemination of this code, the Compliance Code is published as a handbook that is distributed to all directors and employees, which allows them to carry it around with them at all times. Furthermore, compliance meetings attended by all employees and managers are held twice a year at each workplace, where attendants repetitively learn the code of conduct. Discussion takes place on topics including compliance problems at one's workplace and compliance violation cases in other workplaces. In fiscal 2019, a total of 2,156 meetings were held, and a total of 21,404 people and others (participation rate of 94%) participated in such meetings.

Besides setting up the Group's whistle-blower system at each major company, the "NLM Hotline" has also been established as a common whistle-blowing channel for the Group. In fiscal 2019, a universal platform was created, enabling whistle-blowing in Japanese, English, Chinese, Thai, and Vietnamese.

Under these systems, the Group's NLM Hotline Rules stipulate the protection of whistleblowers and the prohibition of unfair treatment so that they can report any misconduct and illegal act without fear of retaliation, and the rules are thoroughly enforced. Apart from the Company's compliance department, multiple whistleblowing channels are provided, such as statutory auditors, the human resources department, the legal department, and an external channel (operated by a specialized company).

Figure 2 Trend in Number of Cases Reported to the NLM Hotline



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CSR INITIATIVES



Introduction

The CSR activities of the Group are carried out based on the CSR Promotional Plan adopted by the CSR Committee chaired by the Company's President and CEO, and the status of the activities is reported at the CSR Committee held twice a year and in the CSR Report published every year, as well as published on the Company's website, etc.

The Group's CSR initiatives have also been valued by investors, and the Company has been selected as a constituent of the MSCI Japan ESG Select Leaders Index of the Government Pension Investment Fund (GPIF) and as a constituent of the SNAM Sustainable Investment of Sompo Japan Nipponkoa Asset Management Co., Ltd.





ENVIRONMENT



Environmental Management System

The Group has established the Environment Committee, chaired by the Company's President and CEO. Besides formulating the environmental policy and plans to promote environmental conservation activities, the Environment Committee also monitors the implementation of these activities at each site.

Material Balance

The areas in which the Group's business activities have the greatest impact on the environment are greenhouse gases, recycling, water, and biodiversity.

The main inputs and outputs at sites are as shown in the table below.

DCIO III.	
	Inputs
Fuel:	4.7 PJ
Electricity and steam	: 7.0 PJ
Raw materials:	523 kilotons
Water:	22.0 million m ³

	Outputs	
Greenhouse gases:	731 kilotons-CO₂	
S0x:	365 tons	
N0x:	449 tons	
Wastewater:	26.8 million m ³	
COD:	106 tons	
Waste recycled/reduced: 41.6 kilotons		
Landfill:	2.3 kilotons	

Reduction in Greenhouse Gas Emissions

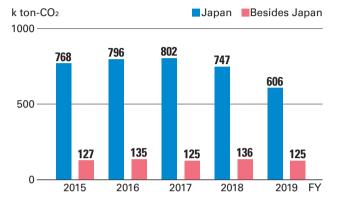
The Group's greenhouse gas emissions in fiscal 2019 decreased by 14% year on year to 2,511 tons-CO₂ per million yen. The

Our ESG Approach

breakdown was 351 tons-CO₂ per million yen (down 33% yoy) for Scope 1, 376 tons-CO₂ per million yen (up 7% yoy) for Scope 2, and 1,780 tons-CO₂ per million yen (down 13% yoy) for Scope 3.

The Group's initiatives to reduce greenhouse gas emissions aim to "reduce greenhouse gas emissions intensity per unit of sales to 1.82 tons- CO_2 per million yen by fiscal 2030" at the Group's sites in Japan. The results for fiscal 2019 were 1.60 tons- CO_2 per million yen.

○ Figure 3 Greenhouse Gas Emissions (Scope 1+ Scope 2 only)



Water

In fiscal 2019, the Group took in 22.0 million m3 of water (excluding seawater) and discharged 26.8 million m3 of water in Japan annually.

\bigcirc

PEOPLE AND SOCIETY



Human Rights

The Group conducts human right protection activities within the scope of its influence. We conducted a fact-finding survey on all Group employees again in fiscal 2019 based on the roster of workers, and confirmed that children under the age of 15 did not work in any of the Group businesses.

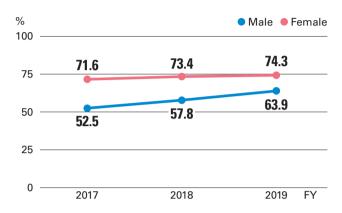
Each year, NLM also conducts research on its business partners regarding CSR procurement, and confirms their support of the CSR Procurement Policy including the Group Human Rights Policy. The response rate of the 453 target companies in fiscal 2019 was 49.4% (down 2.4 percentage points yoy). Furthermore, we check for human rights violations through on-site visits and interviews at the manufacturing and factory sites of partners. Also, we have obtained the signature of consent to the Group's Human Rights Policy from each of the smelting manufacturers who supplies aluminum virgin ingots, the Group's main raw material.

Labor Practices

As employees are our most important stakeholders, we strive to create a safe working environment where all employees can find joy and meaning in their work. Such efforts revolve around realizing a workplace with zero work accidents, that allows for good health and health improvement, and is free of discrimination and harassment. To achieve goals including the promotion of diversity among employees and realization of work-life balance of each employee, we promote participation of women in the workplace, expand the

employment of people with disabilities, and endeavor to reduce long working hours. The status of these activities is monitored by the staff of the Company's central supervisory department through labor audits which cover 335 items. In fiscal 2019, the response status for the legalization of harassment prevention measures (in Japan) was the main focus of the investigation, and instructions were given as necessary.

○ Figure 4 Trend in Rate of Annual Paid Leave Taken



Fair Operating Practices

The Group aims to conduct fair and transparent business activities while adhering to laws and regulations of each country and region as well as international laws and regulations. In fiscal 2019, there were no fines or penalties in connection with legal and other violations.

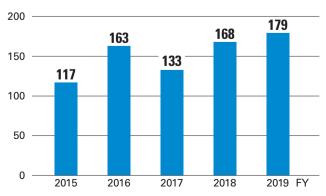
Involvement with Regional Communities

The Group conducts its business activities in 179 regions of 11 countries. In each region, we aim to be a respectable corporation by conducting fair and transparent business activities and harmonious management while adhering to local as well as international laws and regulations.

We are also actively involved in the development of regional societies and make contributions in accordance with the Social Contribution Policy of the Group. In fiscal 2019, the Group participated in 353 community programs, and made community investments of \$179 million.

Figure 5 Trend in Amount of Expenditure for Social Developments

Millions of yen



○ Data Section : ESG Related Data

Item			Scope of Calculation		FY2017	FY2018	FY2019	Unit
Environment		/C 1 C 2*;	C		004	740	, COC	V+ CO
Amount of greenhouse ga	s emissioi	ns (Scope 1 and Scope 2)*1	Consolidated (Japan only)*2		804	748 137	★606	Ktons-CO ₂
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	intonoitu	non-unit of coloo*!	Consolidated (besides Japan)*3		125		125	Ktons-CO ₂
		per unit of sales*1 (Goal; 1.82 (FY2030)	Consolidated (Japan only)		2.09	1.87	1.60	tons-CO ₂ /million y
Breakdown of Scope 3 emissions*		Category 1: Purchased goods and services*5	Consolidated		1,926	1,947	<b>★1,690</b>	Ktons
		Category 2: Capital goods	Consolidated		22	35	42	Ktons
		Category 3: Fuel not included in Scope 1 or 2	Consolidated		28	34	34	Ktons
		Category 4: Upstream transportation and distribution*	Consolidated		0	0	0	Ktons
		Category 5: Waste generated in operation	Consolidated		4	5	4	Ktons
		Category 6: Business travel	Consolidated		0	0	0	Ktons
		Category 7: Employee commuting	Consolidated		3	3	4	Ktons
Energy consumption		Electricity and Steam	Consolidated		10.8	10.4	8.1	PJ
		Fuels	Consolidated		6.3	6.2	6.0	PJ
Energy consumption inter	ısity per uı	nit of sales	Consolidated		35.5	33.2	30.3	GJ/million yen
Neight of raw materials u	sed in pro	duction	Consolidated		576	601	523	Ktons
Amount of SOx emissions			Consolidated		473	379	365	Tons
Amount of NOx emissions			Consolidated		520	560	449	Tons
Total volume of water inta	ke*		Consolidated		23.5	23.9	22.6	million m ³
Total volume of water disc			Consolidated		21.5	22.5	21.3	million m ³
Water consumption volun			Consolidated				1.3	million m ³
Amount of COD emissions			Consolidated		97	105	106	Tons
Amount of waste and byp		Recycled/Reduced	Consolidated (Japan only)		37.3	48.4	48.4	Ktons
Amount of waste and byp discharged	ouuots	Disposed (landfill)	Consolidated (Japan only)		37.3	3.5	3.4	Ktons
	Environme	tal conservation expenditure: Investment	Consolidated (Japan only)				1,580	
•		· ·			1,983	2,218		million yen
		tal conservation expenditure: Expenditure	Consolidated (Japan only)		5,598	6,210	6,248	million yen
		ect of environmental conservation activities: Earnings			486	554	370	million yen
		of environmental conservation activities: Changes in expenditure*10.*			(1,440)	(982)	1,027	million yen
		s, or forfeitures concerning the environment			0	0	0	cases
Number of accidents con	cerning th	e environment*12	Consolidated		0	0	3	cases
Number of complaints con Employees, etc.	ncerning t	he environment*13	Consolidated		10	16	10	cases
Number of directors and o	officers	Full-time directors and officers	Consolidated	Male	190	208	216	people
tumber or an obtain and	,,,,,,,,,		Consolidated	Female	0	0	1	people
Breakdown by gender*14		Managerial	Consolidated	Male	1,540	1,640	1,666	people
Dieakuowii by genuei		Managona	Consolidated	Female	90	95	96	people
		Nonmanagerial	Consolidated	Male	8,992	9,087	9,345	people
		Nonnanagenai	Consolidated				2,504	
Number of employees		<u> </u>		Female	2,233	2,494		people
Number of employees		Employees	Consolidated	Total	12,855	13,316	13,611	people
Breakdown by country/re	gion	Japan	Consolidated	Male	8,058	8,399	8,568	people
			Consolidated	Female	1,198	1,271	1,323	people
		Asia	Consolidated	Male	2,243	2,282	2,221	people
			Consolidated	Female	1,089	1,095	1,239	people
		U.S. and Europe	Consolidated	Male	231	229	222	people
			Consolidated	Female	36	40	38	people
Breakdown by age*15		Below age 15	Consolidated	Male	_	0	0	people
., ., .,			Consolidated	Female	_	0	0	people
		From age 15 to 19	Consolidated	Male	_	108	108	people
			Consolidated	Female	_	15	21	people
		From age 20 to 29	Consolidated	Male	_	2,153	2,124	people
		110m age 20 to 23	Consolidated	Female		559	600	people
		From e.g. 20 to 20						
		From age 30 to 39	Consolidated	Male		3,150	3,164	people
		F 40 to 40	Consolidated	Female		833	894	people
		From age 40 to 49	Consolidated	Male		2,878	2,919	people
			Consolidated	Female	_	671	741	people
		From age 50 to 59	Consolidated	Male	_	1,975	2,010	people
			Consolidated	Female		276	284	people
		Age 60 and above	Consolidated	Male		646	686	people
			Consolidated	Female	_	52	60	people
Number of new hires		Total	Consolidated (Japan only)		596	692	617	people
		Percentage to employees	Consolidated (Japan only)		7.1	7.8	6.2	%
- · · · ·		Consolidated (Japan only)		197	211	210	people	
lumber of those who left th			Consolidated (Japan only)		401	490	490	people
-abor or those who left th	o oompan	Percentage to employees	Consolidated (Japan only)		3.5	5.6	5.0	%
ixation rate at least 3 yea	rs in the		Consolidated (Japan only)		88.4	83.8	89.1	%
				1 CO 1+4 /				
Number of those who we		oyeu aiter retirement	Non-consolidated (Nippon Light Meta		100	100	12	people
_abor Union participation	eate		Non-consolidated (Nippon Light Meta		100	100	100	%
Average age			Consolidated	Male	39.1	39.9	36.9	years of age
			Consolidated	Female	36.9	37.4	35.3	years of age



Item		Scope of Calculation		FY2017	FY2018	FY2019	Unit
Employees, etc.		<u> </u>					
Average years of service		Consolidated	Male	11.5	11.8	11.1	years
		Consolidated	Female	7.7	8.0	7.2	years
Average number of working hours per year		Consolidated (Japan only)	Male	2,146	2,157	2,226	hours/people
		Consolidated (Japan only)	Female	1,974	1,871	1,922	hours/people
Average number of overtime hours	per year	Consolidated (Japan only)	Male	324	302	334	hours/people
		Consolidated (Japan only)	Female	161	150	175	hours/people
Average number of days of annual	leave taken	Consolidated	Male	9.9	9.9	10.3	days
		Consolidated	Female	9.7	9.6	9.1	days
Average rate of annual leave taken		Consolidated	Male	52.5	57.8	63.9	%
		Consolidated	Female	71.6	73.4	74.3	%
Number of employees who newly t	ook childcare leave	Consolidated (Japan only)	Male	1	6	12	people
		Consolidated (Japan only)	Female	55	66	52	people
Number of employees who newly t	ook nursing care leave	Consolidated (Japan only)	Male	2	4	0	people
		Consolidated (Japan only)	Female	1	2	2	people
Number of employees who used re	duced working hour system due to	Consolidated (Japan only)	Male	0	1	3	people
childcare or nursing care		Consolidated (Japan only)	Female	61	66	83	people
Number of employees on leave due	e to mental health issues	Consolidated (Japan only)	Male	34	59	51	people
		Consolidated (Japan only)	Female	2	9	8	people
Average education/training expenses per year		Consolidated		29.2	24.9	23.4	thousand yen/ people
Employment rate of people with disabilities*17		Non-consolidated (Nippon Light Met	tal Co., Ltd.)	2.59	2.63	2.57	%
		Non-consolidated (Toyo Aluminium I	(.K.)	2.03	1.93	2.55	%
Safety							
Number of workplace injuries*18	Lost-time injuries	Consolidated (Japan only)		12	23	19	cases
		Consolidated (besides Japan)		9	16	16	cases
	Non-lost-time injury	Consolidated (Japan only)		66	64	56	cases
		Consolidated (besides Japan)		5	5	6	cases
Frequency rate of lost-time injuries	*18*19	Consolidated		0.56	1.05	0.91	
		Non-consolidated (Nippon Light Met	tal Co., Ltd.)	0.27	0.54	0.27	
Compliance, etc							
Number of cases reported to the N		Consolidated		15	28	29	cases
Compliance meetings	Number of meetings held	Consolidated		2,102	2,066	2,156	times
	Number of participants	Consolidated		20,237	20,972	21,404	Total number of participants
Number of patent publications*18		Consolidated		182	167	160	cases
Number of patent registrations*18		Consolidated		107	92	81	cases
Quality assurance							
Number of legal violations in the delivery of products/services		Consolidated		0	0	0	cases
Number of reports of quality issues		Consolidated		6	8	7	cases
Number of recalls		Consolidated		2	4	3	cases
Community							
Amount of expenditure for social c	ontributions	Consolidated		133	168	179	million yen
Governance							
Interim and year-end dividend per	share	Consolidated		8	9	9	yen

The 🖈 mark indicates that a third party, KPMG AZSA Sustainability Co., Ltd., has provided independent assurance for the reliability of the data.

- *1. From FY2018, GHG emissions from main offices have been calculated.
- *2. The following CO₂ emission factors were used for the calculations.

Domestic electricity: The CO₂ emission factor with T&D losses of each previous fiscal year announced by the Electric Power Council for a Low Carbon Society

Domestic fuel: CO₂ emission factors per unit of fuel, specified by the Ordinance of the Ministry of the Environment

- *3. The following  $CO_2$  emission factors were used for the calculations.
  - ${\it Overseas electricity: CO_2\ emission\ factors\ of\ the\ respective\ countries\ in\ CO2FCOMB\ 2017\ released\ by\ the\ IEA.}$

Overseas fuel: Same as domestic fuel in *2

- *4. The emissions are calculated by multiplying the activity amount by the CO2 emission factor published by the Ministry of the Environment and the Ministry of Economy, Trade and Industry.
- *5. The Scope 3 Category 1 emissions are calculated based on the volume of purchase of the top three items in terms of volume purchased from outside of the group. Of the items, the aluminum ingots are those purchased by Nippon Light Metal Group Metal Center.
- *6. We revised the calculation criteria for Category 4 and amended FY2017 and FY2018 figures.
- *7. The seawater intake quantity is not included.
- *8. We revised the calculation criteria for the amount of discharged water and amended FY2017 and FY2018 figures.
- *9. We started to compile data from FY2019.
- *10. Changes in expenditure are calculated using the following formula: Changes in expenditure = expenditure incurred during a base period (FY2018) expenditure incurred during the current year (FY2019)
- *11. (minus) indicates an increase in expenditure.
- *12. Environmental problems that affect external parties (such as the leakage of oil or chemicals)
- *13. Number of petitions from external parties (such as those regarding smell and noise)
- *14. Contract employees (full-time) are included.
- *15. Consolidated values began to be reported in FY2018.
- *16. Percentage of employees who are still at the company as of April 1 in the year that is three years after they joined the company.
- *17. As of June 1 immediately after the end of each fiscal year. The statutory employment rate is 2.2% (2.0% on and before March 31, 2018).
- *18. During the calendar year (from January to December).

The value for lost-time injuries (consolidated, besides Japan) and non-lost-time injuries (consolidated, Japan only) for 2017 were incorrect and were therefore corrected.

*19. Injuries that resulted in one or more days' absence from work (excluding commuting injuries)



Nippon Light Metal Group consists of 80 subsidiaries and 22 affiliates (as of March 31, 2020).

The Group's major operations and the business relations between the Company, major consolidated subsidiaries and affiliates accounted for by the equity method are shown in the diagram below.

#### Nippon Light Metal Holdings Company, Ltd. (Manufacture and Sales) (Sales and Others) Nippon Light Metal Co., Ltd. Nikkei Sangyo Co., Ltd. Aluminium Wire Rod Co., Ltd. Tamai Steamship Co., Ltd. Nikkei MC Aluminium Co., Ltd. Aluminum Nikkei MC Aluminum America, Inc. Ingot and Nikkei MC Aluminum (Thailand) Co., Ltd. Chemicals Nikkei MC Aluminum (Kunshan) Co., Ltd. Iharanikkei Chemical Industry Co., Ltd. Guangxi Zhengrun Nikkei High Purity Aluminium Technology Co., Ltd. CMR Nikkei India Pvt. I td. (Sales and Others) (Manufacture and Sales) Nikkeikin Kakoh Kaihatsu Holdings Nippon Light Metal Co., Ltd. Co., Ltd. Toyo Rikagaku Kenkyusho Co., Ltd. Nikkei Sangyo Co., Ltd. Toyo Precision Appliance (Kunshan) Co., Ltd. Nikkei Siam Aluminium Ltd. Aluminum Nippon Light Metal Georgia, Inc. Sheet and Nikkei Extrusions Co., Ltd. **Extrusions** Nikkeikin Aluminium Core Technology Co., Ltd. Shandong Nikkei Conglin Automotive Parts Co., Ltd. Nikkei (Shanghai) Body Parts Co., Ltd. Riken Light Metal Industry Co., Ltd. Nonfemet International (China-Canada-Japan) Aluminium Co., Ltd. (Sales and Others) (Manufacture and Sales) Sumikei-Nikkei Engineering Co., Ltd. Nippon Light Metal Co., Ltd. Nikkei Information System Co., Ltd. NLM ECAL Co., Ltd. Nikkei Logistics Co., Ltd. Nikkei Sangyo Co., Ltd. Toho Earthtech Inc. Nikkei Heat Exchanger Co., Ltd. **Fabricated** Nikkei Panel System Co., Ltd. **Products** Nikkei Matsuo Co., Ltd. and Others Nippon Electrode Co., Ltd. Nippon Light Metal North America, Inc. Nippon Fruehauf Co., Ltd. Fruehauf Mahajak Co., Ltd. Shandong Conglin Fruehauf Automobile Co., Ltd. (Manufacture and Sales) Tovo Aluminium K.K. Hunan Ningxiang JiWeiXin Metal Powder Co., Ltd. **Aluminum** Toyal Zhaoqing Co., Ltd. Foil, Powder Toyal America, Inc. and Paste Toyal MMP India Pvt. Ltd. Toyal Europe SASU Toyo Aluminium Ekco Products Co., Ltd. Sam-A Aluminium Co., Ltd.

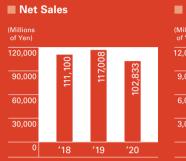
CUSTOMER

## **Aluminum Ingot and Chemicals**

**Profile** Alumina and Chemicals segment produce aluminum hydroxide, alumina and chemicals used in various fields. These products are used as raw materials for flamerelardants, ceramics and other products and as industrial materials in paper and pulp manufacturing. Aluminum Ingot segment manufacture various kinds of aluminum alloys and enjoy an excellent reputation for the development of high-performance alloys in response to customer requirements.



Consolidated





#### ■ Principal Products

- Aluminum
- Aluminum hydroxide
- Chemicals (chemical products)
- Caustic soda
- Chlorinated chemical products
- Aluminum ingot
- Aluminum alloy

### Overview of results for fiscal 2019

In the Alumina and Chemicals segment, sales of coagulants and organic chlorides were brisk among chemicals, but mainstay aluminum hydroxide and alumina-related products saw demand for refractories and semiconductor-related products slump. As a result, the segment's net sales decreased year on year. However, profits increased compared to the previous year due to the effect of improved product mix, solid sales of high value-added products, and falling raw material prices.

In the Aluminum Ingot segment, regarding the core secondary alloy products for automotive applications business, demand in North America was firm, but competition with general-purpose alloys made in China, in addition to a decline in demand in Japan, China and Thailand, dragged down sales and sales prices, resulting in lower net sales and profits for the segment compared to the previous year.

As a result, in the Aluminum Ingot and Chemicals segment, net sales decreased 12.1% year on year to ¥102,833 million, while operating profit increased 13.4% year on year to ¥10,902 million.



### **Aluminum Sheet and Extrusions**

Profile The NLM Group's aluminum sheet and extrusions are used in a wide range of market sectors, for instance for automotive parts and railway cars in the transport industry and for semiconductor and liquid crystal manufacturing equipment and photosensitive drums in the electrical machinery and electronics industries. The Group applies technologies and expertise accumulated over many years to actively develop products that meets user needs and provides customers with high-performance sheets and extrusions.

101,193 Millions of Yen 21.7

Consolidated Net Sales





## Applications Automobile

**Transport** 

Electronics

Industrial

Building materials and

infrastructure materials

### s Principal Products

- Automobile suspension parts Lead-free cut aluminum alloy
- Quick freezing coagulated powder extruded materials
- High-intensity molded aluminum sheet
- Large structural materials for railway rolling stock
- Flap for trucks
- Thick plate for semiconductor and LCD manufacturing equipment
   Foil stock
   Photosensitive drum materials
- Printing roll
   Industrial materials
- Aluminum honeycomb panel
   Scaffolding
- Building materials

### Overview of results for fiscal 2019

In the Aluminum Sheet segment, there was a decline in sales volumes of thick plates for semiconductor and liquid crystal manufacturing equipment, materials for environmentally friendly vehicles for PC cases, resulting in lower net sales for the segment compared with the previous year. Profits greatly decreased mainly owing to a decline in sales prices reflecting the price of aluminum ingots, in addition to a decrease in sales of high value-added products.

In the Aluminum Extrusions segment, although sales volume of communications-related products such as those for

data centers increased, truck-related products were sluggish, and sales volume of products for semiconductor manufacturing equipment and automobile-related products decreased. As a result, net sales for the Aluminum Extrusions segment decreased from the previous year. Profits also fell significantly due to a decline in sales prices reflecting the price of aluminum ingots, in addition to lower sales volume.

As a result, in the Aluminum Sheet and Extrusions segment, net sales decreased 6.2% year on year to ¥101,193 million, and operating profit decreased 50.3% year on year to ¥3,556 million.



### **Fabricated Products and Others**

**Profile** The NLM Group includes several companies that handle distinctive <u>fabricated products</u> In particular, Nippon Fruehauf's truck bodies and Nikkei Panel System's commercial refrigerators and freezer panels enjoy an excellent reputation for quality, and are market share leaders in their respective fields. In addition, the Group provides familiar aluminum fabricated products, including anodized aluminum foil for aluminum electrolytic capacitors, automotive parts, and carbon products:





### Applications

- Transport Electronics
- Building materials
- Food and lifestyle

### Principal Products

- Cast and forged parts for automobiles
- Heat exchangers for automobiles
- Van truck bodies and trailers
- Anodized foil for electrolytic capacitors

- Solid truss structural materials (Aluminum truss)

Consolidated **Net Sales** 

172,975

- Plant package for communication base stations

### Overview of results for fiscal 2019

In the Transport-Related segment, net sales of the truck outfitting business decreased from the previous year, mainly owning to lower sales for compact trucks as a result of a reactionary fall following rush demand ahead of the tightening of exhaust gas regulations, and a decline in demand for temperature-controlled vehicles, despite firm demand for trailers. However, profits increased from the previous year as a result of improved productivity and falling material prices.

In the heat exchanger business, sales of products related to environmentally friendly vehicles fell sharply, despite brisk sales of capacitors for air conditioners mainly for mainstay mini vehicles. In August 2019, we acquired additional shares of Nikkei Heat Exchanger Company, Ltd., which was an equitymethod affiliate, and made it a wholly-owned subsidiary. The move is aimed at further strengthening the subsidiary's collaboration with the Group and accelerating the creation of new products and businesses in the field of heat devices such as materials related to environmentally friendly vehicles.

In the shaped parts business, both net sales and operating profit greatly decreased from the previous year, due to a sharp drop in demand for forgings for China and Thailand in addition to lower sales of mainstay brake calipers among castings.

In the Electronic Materials segment, demand for anodized aluminum foil for aluminum electrolytic capacitors showed little growth in line with the deterioration of the market environment for electric and electronic equipment, and both net sales and operating profit fell significantly from the previous year.

In the Panel System segment, sales of panel systems for clean rooms at electronic parts factories increased in response to 5G (the fifth generation mobile communication system) infrastructure development. There was also higher demand for panel systems for clean rooms for medical and pharmaceutical applications, but products for industrial refrigerators and freezers saw demand for panel systems for food processing plants, particularly large-scale projects, decrease. As a result, both net sales and operating profit declined year on year.

In the Landscape Engineering segment, among products for roads and bridges, demand for railings declined, but sales of new products for bridge inspections remained robust from the previous year. Demand for products for structures such as sluice gates and water purification plants increased, resulting in higher net sales for the Landscape Engineering segment year on year. However, the segment's operating profit fell below the previous year's level, owing to the amortization of goodwill incurred when Sumikei-Nikkei Engineering Co., Ltd. (now known as Nikkei Engineering Co., Ltd.) became a subsidiary in the previous year.

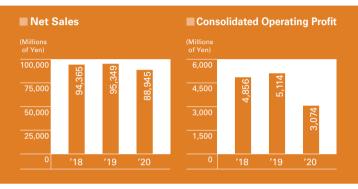
In the Carbon Product segment, both net sales and operating profit increased from the previous year, reflecting strong sales of high value-added products of mainstay carbon blocks for blast furnaces and electric furnaces, and progress in the heat treatment business for anode materials in lithium-ion batteries, despite a slowdown of the steel industry, where our main customers operated.

As a result, in the Fabricated Products and Others segment, net sales decreased 4.0% year on year to ¥172,975 million and operating profit decreased 10.6% year on year to \times 10,440 million.

### Aluminum Foil, Powder and Paste

Profile The core company in this segment is Toyo Aluminium K.K. The company bas established its position as the leading manufacturer by using the features of aluminium to develop a wide range of products beneficial to society, industry and daily life, including packaging for food and pharmaceutical products, electronics, aluminum pastes, and materials for solar cells. Expanding into new fields based on our own technology, we are marketing various kinds and types of materials and products of high functionality in both domestic and overseas markets.





- ApplicationsFood and lifestyleElectronics
- Electronics
   Automobile
- Environmental / Energy

### ■ Principal Products

- Aluminum foil
- Aluminum foil for electrolytic canacitors
- Powder and paste
- Back sheets for solar cells
- Electrode ink for solar cells

### Overview of results for fiscal 2019

In the Aluminum Foil segment, sales of plain foil for lithiumion battery surfaces and cathode materials increased from the previous year's figure as sales for smartphones and personal computers decreased but sales for automobiles increased. However, sales of foil for capacitors declined sharply due to lower demand for electronic components and high-tech products. While sales of fabricated foil for pharmaceutical packaging increased, sales of water-repellent fabricated foil for food products and antenna circuit foil for IC cards decreased, resulting in lower net sales and operating profit of the Aluminum Foil segment compared with the previous year.

Aluminum Foil

In the Powder and Paste segment, sales of aluminum powder in electronic material for heat dissipation performed well, and sales of aluminum nitride for thermal conductive fillers increased, but overall sales of powder products were sluggish. With regards to paste products for inks, sales of high value-added products such as those for gravure printing were relatively buoyant, but sales volume of mainstay products for automobile paint decreased due to lower automobile production and weak performance of silver-colored paste products. As a result, both net sales and operating profit of the Powder and Paste segment decreased from the previous year.

In the Solar segment, sales volume of back sheets for solar cells fell due to the Chinese government's revision of its measure for supporting introduction of solar power generation systems, as well as price competition. Functional ink products for solar cells also faced intensified competition due to the market entry of competitors, while sales of new products for next-generation cells performed weakly. As a result, net sales of the Solar segment greatly decreased from the previous year.

As a result, in the Aluminum Foil, Powder and Paste segment, net sales decreased 6.7% year on year to \foatie{488,945} million and operating profit decreased 39.9% year on year to \footnote{33,074} million.



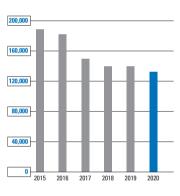
### **Consolidated Six-Year Summary**

Nippon Light Metal Holdings Company, Ltd. and its consolidated subsidiaries Years ended March 31

### **Gross Profit and Gross Profit Margin**

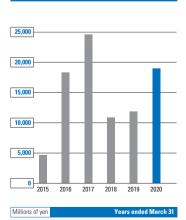


### Interest-bearing Debt



Millions of yen	Years ended March 31
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### Free Cash Flows



 2015	2016	

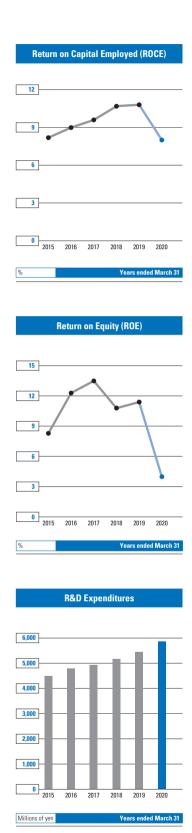
		,	
	(Millions	of yen)	
Financial Results			
Net Sales	¥431,477	¥464,405	
Gross Profit	76,987	89,237	
Gross Profit Margin (%)	17.8	19.2	
Operating Profit (Loss)	19,305	26,821	
Ordinary Profit (Loss)	20,600	24,526	
Profit attributable to owners of parent	9,645	15,533	
Segment Information			
Net Sales:			
Aluminum Ingot and Chemicals	114,339	109,844	
Aluminum Sheet and Extrusions	82,823	103,340	
Fabricated Products and Others	138,088	149,220	
Aluminum foil, powder and paste	96,227	102,001	
Total	431,477	464,405	
Operating Profit (Loss):			
Aluminum Ingot and Chemicals	6,069	9,138	
Aluminum Sheet and Extrusions	4,230	3,058	
Fabricated Products and Others	7,704	10,958	
Aluminum foil, powder and paste	4,183)	6,829	
Elimination or corporate items	(2,881)	(3,162)	
Total	19,305	26,821	
Financial Position		20,021	
Current Assets	248,906	247,363	
Property, plant and equipment	153,235	152,183	
Intangible assets	4,543	3,328	
Investments and other assets	50,593	49,320	
Current liabilities	202,220	186,881	
Long-term liabilities	117,672	120,894	
Shareholders' equity (Note 3)	111,791	124,884	
Total accumulated other comprehensive income (Note 3)	9,631	5,300	
Non-controlling interests (Note 3)	15,963	14,235	
Interest-bearing Debt (Note 2)	188,990	182,207	
Cash Flows	100,990	102,207	
Cash Flows from Operating Activities	11,780	37,770	
Depreciation and Amortization	16,406	16,356	
Cash Flows from Investing Activities	(7,119)	(19,419)	
Capital Expenditures	1 / 1		
	15,869	18,861	
Cash Flows from Financing Activities	(17,581	(10,708)	
Per Share Data (yen and dollars)  Net Profit (Loss) - basic	V 1774	V 20.5(	
	¥ 17.74	¥ 28.56	
- diluted	15.59	25.10	
Net Assets (Note 3)	223.27	239.39	
Cash Dividends	5.00	6.00	
Indices			
Return on Capital Employed (ROCE)(%)	8.2	9.0	
Return on Equity (ROE)(%)	8.3	12.3	
Equity Ratio (%)	26.6	28.8	
Others	-1	-1-	
Number of Shares Outstanding (thousands)	545,126	545,126	
R&D Expenditures	4,495	4,794	
Number of Employees	13,335	12,961	

Note 1: U.S. dollar amounts have been translated, for convenience only, at the exchange rate of  $\pm 108.83 = 100$ U.S.\$1.00. See Note 2 of the Notes to the Consolidated Financial Statements.

Note 2: Interest-bearing Debt = Long-term debt and Short-term borrowings, excluding capital lease obligations + Notes discounted + Notes endorsed

Note 3: Numbers used for the year ended March 2010 have been revised according to the current segment categories.

2017	2018	2019	2020	2020
				(Thousands of
				U.S. dollars)
 	(Millions o	of yen)		(Note 1)
¥448,381	¥481,439	¥500,451	¥465,946	\$4,281,411
91,564	94,035	97,257	93,609	860,140
20.4	19.5	19.4	20.1	20.1
30,225	29,893	30,052	24,607	226,105
26,252	29,533	31,084	23,475	215,703
19,520	18,012	20,560	7,476	68,694
				- / /
101,840	111,100	117,008	102,833	944,895
98,165	106,955	107,835	101,193	929,827
154,684	169,019	180,259	172,975	1,589,405
93,692	94,365	95,349	88,945	817,284
 448,381	481,439	500,451	465,946	4,281,411
40.407	0.27/	~ / - /	40.000	400 1
10,126	8,954	9,616	10,902	100,175
7,775	9,767	7,152	3,556	32,675
10,245	9,783	11,681	10,440	95,929
5,478	4,856	5,114	3,074	28,246
(3,399)	(3,467)	(3,511)	(3,365)	(30,920)
 30,225	29,893	30,052	24,607	226,105
2// 22/	2/7.050	2(= 220	2// 2=/	2 2 (2 0 / 2
246,394	267,059	267,238	246,374	2,263,843
151,231	154,002	164,568	173,757	1,596,591
3,190	3,187	5,554	5,867	53,910
47,808	43,052	43,943	44,006	404,355
184,277	191,729	184,364	162,341	1,491,693
90,722	86,249	94,204	106,465	978,269
154,600	167,115	183,163	184,547	1,695,736
5,053	6,842	4,691	1,728	15,878
13,971	15,365	14,881	14,923	137,123
149,835	139,997	139,570	132,622	1,218,616
36,488	25,868	34,644	48,676	447,266
16,602	17,126	17,294	18,694	171,772
(11,887)	(14,948)	(22,777)	(29,684)	(272,756)
19,908	21,077	29,926	29,978	275,457
(24,432)	(17,040)	(8,904)	(15,745)	(144,675)
¥ 34.58	¥ 29.09	¥ 33.20	¥ 12.07	\$ 0.11
31.46	_	_	_	_
257.82	280.93	303.37	300.83	2.76
8.00	8.00	9.00	9	0.08
- 2				
9.6	10.7	10.8	8.0	
13.5	10.8	11.4	4.0	
35.6	37.2	39.0	39.6	
<i>(</i>	(40		<b></b>	
619,937	619,937	57,185	60,100	
4,939	5,177	5,447	5,867	53,910
 13,126	12,855	13,316	13,611	



# Financial Review

### Overview

During fiscal year 2019 (the year ended March 31, 2020), the global economy faced growing concerns over its outlook, such as trade frictions between the United States and China, Brexit, and geopolitical risk in the Middle East. Furthermore, as the novel coronavirus infection started to spread this year, the global economy sharply deteriorated. The Japanese economy also appeared to be stuttering as a result of the increase of the consumption tax rate and a series of natural disasters, and it turned downward towards the end of the fiscal year owing to the spread of the novel coronavirus infection in Japan.

The aluminum industry saw demand for semiconductor manufacturing equipment and cars decline, resulting in an overall lack of strength. Furthermore, aluminum ingot prices continued a downward trend.

Under such circumstances, the Group strove to maximize consolidated net sales in accordance with the basic policies in the Mid-Term Management Plan ("MTMP"), which commenced in fiscal year 2019 and covers fiscal 2019 through 2021.

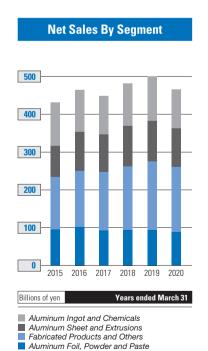
Under the first basic policy in MTMP, "create new products and businesses," we strove to develop products and businesses, taking

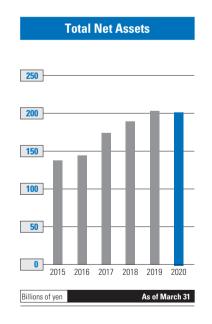
Overview of Consolidated B	rmance	(Millions of yen)	
	Fiscal year under review The year ended March 31, 2020	Previous fiscal year The year ended March 31, 2019	Changes in comparison (Decrease in parentheses) Changes [Percent changes]
Net sales	465,946	500,451	(34,505)[(6.9%)]
Operating profit	24,607	30,052	(5,445)[(18.1%)]
Ordinary profit	23,475	31,084	(7,609)[(24.5%)]
Profit attributable to owners of parent	7,476	20,560	(13,084)[(63.6%)]
Net income per share (Yen)	12.07	33.20	(21.13)[(63.6%)]

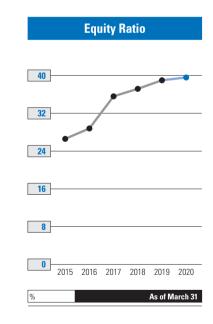
advantage of the supply chain with manufacturing at the core, to thoroughly pursue Group-wide cooperation and create new value for all customers. Under the second basic policy in MTMP, "invest resources for growth," we vigorously invested resources into fields and regions where the Group's strengths can be utilized.

### **Earnings and Expenses**

NLM Holdings' consolidated net sales for the fiscal year under review decreased 6.9% year on year to ¥465.9 billion (\$4,281 million).







Note: Numbers used for the year ended March 2010 have been revised according to the current segment categories. Numbers used for the year ended March 2010 do not include numbers form the Building Materials segment.

For sales and other aspects of financial performance by business segment, please see the Review of Operations on Pages 16 to 19.

The cost of sales decreased 7.7% year on year to \footnote{372.3} billion (\$3,421 million). Selling, general and administrative expenses were ¥69.0 billion (\$634 million). As a result, operating profit decreased 18.1% year on year to ¥24.6 billion (\$226 million).

Non-operating income decreased 30.0% year on year to ¥3.4 billion (\$31 million). Equity in earnings of affiliates decreased 60.0% year on year to ¥0.3 billion (\$2 million) and dividend income increased 4.5% year on year to ¥0.3 billion (\$3 million), while other non-operating income decreased 32.2% year on year to ¥1.6 billion (\$14.7 million).

Non-operating expenses increased 18.3% year on year to ¥4.6 billion (\$42 million). As a result, ordinary profit fell 24.5% year on year to ¥23.5 billion (\$216 million).

Environmental expenses associated with Amehata Dam (Yamanashi Prefecture), which is owned by our subsidiary Nippon Light Metal, were recorded as a special loss of ¥11.0 billion (\$101 million). Please see Page 5 for details of countermeasures for sedimentation around Amehata Dam.

As a result, profit before income taxes during the fiscal year under review was ¥12.5 billion (\$115 million). Corporate, inhabitant and business taxes amounted to ¥4.9 billion (\$45 million) and deferred income taxes during the fiscal year under review were Y(1.7) billion (\$(16) million). Profit was ¥9.3 billion (\$85 million).

As a result of the above, profit attributable to owners of parent in the fiscal year under review decreased 63.6% year on year to ¥7.5 billion (\$69 million). The average number of shares outstanding decreased from 619,221 thousand in the previous fiscal year to 619,214 thousand. Accordingly, net income per share decreased from ¥33.20 in the previous year to ¥12.07 (\$0.11). The annual cash dividend per share remained the same as the previous year at ¥9.0 (\$0.08).

Overview of Consoli	ets	(Millions of yen)		
	March 31, 2020	March 31, 2019	Changes in comparison	
Total assets	470,004	481,303	(11,299)	
Total liabilities	268,806	278,568	(9,762)	
Net assets	201,198	202,735	(1,537)	
Equity ratio (%)	39.6	39.0	(0.6)	

### Assets, Liabilities and Shareholders' Equity

Total assets as of March 31, 2020 decreased ¥11.3 billion year on year to \forall 470.0 billion (\forall 4,319 million). This was mainly due to a decrease in notes and accounts receivable - trade. Total liabilities decreased ¥9.8 billion year on year to ¥268.8 billion (\$2,470 million). This was mainly due to a decrease in notes and accounts payable – trade. Interest-bearing debt decreased ¥6.9 billion year on year to ¥132.6 billion.

Net assets decreased ¥1.5 billion year on year to ¥201.2 billion (\$1,849 million), primarily due to a decrease in foreign currency translation adjustments. Net assets per share decreased \{2.54\) year on year to \(\frac{4}{3}\)00.83 (\(\frac{4}{2}\).76), while the equity ratio rose 0.6 percentage points year on year to 39.6%.

### **Cash Flows**

Cash and cash equivalents on a consolidated basis as of March 31, 2020 increased ¥3.0 billion year on year to ¥36.3 billion (\$334 million).

Net cash provided by operating activities totaled ¥48.7 billion (\$447 million). This was because the amount of non-cash income and expense items, including profit before income taxes and depreciation and amortization, exceeded the amount of cash outflows such as income taxes paid. Net cash used in investing activities was \quad \text{29.7} billion (\$273 million). This was mainly due to payments for purchase of property, plant and equipment. Net cash used in financing activities totaled ¥15.7 billion (\$145 million). This was mainly due to repayments of long-term debt.

#### **Outlook for Fiscal 2020**

Under the basic policies in MTMP for fiscal 2019 to 2021, which has entered the second year in the fiscal year ending March 31, 2021, the Group strives to create new products and businesses, invest resources for growth, and strengthen the management foundation, thereby maximizing consolidated net sales.

The uncertainty over overall economic activities around the world is increasing due to the spread of the novel coronavirus infection, and the future outlook is also unclear in Japan.

The forecast of the consolidated financial results for fiscal 2020 remains undetermined, because the impact of the spread of the novel coronavirus infection is uncertain and it is difficult at this point to reasonably forecast the consolidated financial results of the Group.



## **Consolidated Balance Sheets**

Nippon Light Metal Holdings Company, Ltd. and consolidated subsidiaries

		March 31,	
	2019	2020	2020
Assets	(Millions	(Millions of yen)	
Current assets:			
Cash and deposits (Notes 4 and 7)	¥ 33,417	¥ 36,349	\$ 333,998
Notes and accounts receivable – trade (Note 7)	123,039	105,458	969,016
Electronically recorded monetary claims – operating (Note 7)	29,642	27,575	253,377
Finished products	30,453	28,513	261,996
Work-in-progress, including costs related to construction-type contracts	19,105	19,309	177,424
Raw materials and supplies	22,231	18,788	172,636
Other current assets	9,848	10,767	98,934
Allowance for doubtful accounts	(497)	(385)	(3,538)
Total current assets	267,238	246,374	2,263,843
Property, plant and equipment (Note 6):			
Land	54,663	54,587	501,580
Buildings and structures	140,766	152,490	1,401,176
Machinery and equipment	290,629	298,133	2,739,438
Tools, furniture and fixtures	34,317	35,869	329,587
Construction-in-progress	15,023	8,894	81,724
Accumulated depreciation	(370,830)	(376,216)	(3,456,914)
Total property, plant and equipment	164,568	173,757	1,596,591
Intangible assets:			
Goodwill	1,999	1,555	14,288
Other intangible assets	3,555	4,312	39,622
Total intangible assets	5,554	5,867	53,910
Investments and other assets:			
Investment securities (Notes 5 and 7)	29,623	27,560	253,239
Deferred tax assets (Note 10)	6,618	8,981	82,523
Other assets	7,924	7,732	71,047
Allowance for doubtful accounts	(222)	(267)	(2,454)
Total investments and other assets	43,943	44,006	404,355
Total assets	¥ 481,303	¥ 470,004	\$4,318,699

		March 31,	
	2019	2020	2020
Liabilities and net assets	(Millions	of yen)	(Thousands of U.S. dollars) (Note 3)
Current liabilities:			
Short-term borrowings (Notes 6 and 7)	¥ 55,411	¥ 52,602	\$ 483,341
Current portion of long-term debt (Notes 6 and 7)	15,058	10,787	99,118
Notes and accounts payable – trade (Note 7)	76,244	63,826	586,474
Income taxes payable	3,422	2,654	24,387
Other current liabilities	34,229	32,472	298,373
Total current liabilities	184,364	162,341	1,491,693
Long-term liabilities:			
Long-term debt (Notes 6 and 7)	73,273	73,702	677,221
Liabilities for retirement benefits (Note 9)	19,741	20,115	184,830
Provision for environmental measures		10,609	97,482
Other long-term liabilities (Notes 6, 7 and 10)	1,190	2,039	18,736
Total long-term liabilities	94,204	106,465	978,269
Total liabilities	278,568	268,806	2,469,962
Net assets:			
Shareholders' equity:			
Common stock:			
Authorized: 2,000,000,000 shares			
	// ===	// ===	/a= =02
Issued: 619,937,500 shares	46,525	46,525	427,502
Additional paid-in capital	19,500	18,983	174,428
Additional paid-in capital	19,500 117,206	18,983 119,108	174,428 1,094,440
Additional paid-in capital	19,500 117,206 (68)	18,983 119,108 (69)	174,428 1,094,440 (634)
Additional paid-in capital	19,500 117,206	18,983 119,108	174,428 1,094,440
Additional paid-in capital	19,500 117,206 (68) 183,163	18,983 119,108 (69) 184,547	174,428 1,094,440 (634) 1,695,736
Additional paid-in capital	19,500 117,206 (68) 183,163 3,322	18,983 119,108 (69) 184,547	174,428 1,094,440 (634) 1,695,736 20,491
Additional paid-in capital	19,500 117,206 (68) 183,163 3,322 (9)	18,983 119,108 (69) 184,547 2,230 (120)	174,428 1,094,440 (634) 1,695,736 20,491 (1,103)
Additional paid-in capital	19,500 117,206 (68) 183,163 3,322 (9) 145	18,983 119,108 (69) 184,547 2,230 (120) 145	174,428 1,094,440 (634) 1,695,736 20,491 (1,103) 1,332
Additional paid-in capital  Retained earnings  Treasury stock, at cost (720,629 shares in 2019 and 725,769 sharesin 2020)  Total shareholders' equity  Accumulated other comprehensive income:  Net unrealized gains (losses) on securities (Note 5)  Net unrealized gains (losses) on hedges (Note 7 and 13)  Land revaluation surplus (Note 12)  Foreign currency translation adjustments	19,500 117,206 (68) 183,163 3,322 (9) 145 2,434	18,983 119,108 (69) 184,547 2,230 (120) 145 1,084	174,428 1,094,440 (634) 1,695,736 20,491 (1,103) 1,332 9,961
Additional paid-in capital  Retained earnings  Treasury stock, at cost (720,629 shares in 2019 and 725,769 sharesin 2020)  Total shareholders' equity	19,500 117,206 (68) 183,163 3,322 (9) 145 2,434 (1,201)	18,983 119,108 (69) 184,547 2,230 (120) 145 1,084 (1,611)	174,428 1,094,440 (634) 1,695,736 20,491 (1,103) 1,332 9,961 (14,803)
Additional paid-in capital  Retained earnings  Treasury stock, at cost (720,629 shares in 2019 and 725,769 sharesin 2020)  Total shareholders' equity  Accumulated other comprehensive income:  Net unrealized gains (losses) on securities (Note 5)  Net unrealized gains (losses) on hedges (Note 7 and 13)  Land revaluation surplus (Note 12)  Foreign currency translation adjustments  Remeasurements of defined benefits plans (Note 9)  Total accumulated other comprehensive income	19,500 117,206 (68) 183,163 3,322 (9) 145 2,434 (1,201) 4,691	18,983 119,108 (69) 184,547 2,230 (120) 145 1,084 (1,611) 1,728	174,428 1,094,440 (634) 1,695,736 20,491 (1,103) 1,332 9,961 (14,803) 15,878
Additional paid-in capital  Retained earnings  Treasury stock, at cost (720,629 shares in 2019 and 725,769 sharesin 2020)  Total shareholders' equity	19,500 117,206 (68) 183,163 3,322 (9) 145 2,434 (1,201)	18,983 119,108 (69) 184,547 2,230 (120) 145 1,084 (1,611)	174,428 1,094,440 (634) 1,695,736 20,491 (1,103) 1,332 9,961 (14,803)
Additional paid-in capital  Retained earnings  Treasury stock, at cost (720,629 shares in 2019 and 725,769 sharesin 2020)  Total shareholders' equity  Accumulated other comprehensive income:  Net unrealized gains (losses) on securities (Note 5)  Net unrealized gains (losses) on hedges (Note 7 and 13)  Land revaluation surplus (Note 12)  Foreign currency translation adjustments  Remeasurements of defined benefits plans (Note 9)  Total accumulated other comprehensive income	19,500 117,206 (68) 183,163 3,322 (9) 145 2,434 (1,201) 4,691	18,983 119,108 (69) 184,547 2,230 (120) 145 1,084 (1,611) 1,728	174,428 1,094,440 (634) 1,695,736 20,491 (1,103) 1,332 9,961 (14,803) 15,878
Additional paid-in capital  Retained earnings  Treasury stock, at cost (720,629 shares in 2019 and 725,769 sharesin 2020)  Total shareholders' equity	19,500 117,206 (68) 183,163 3,322 (9) 145 2,434 (1,201) 4,691 14,881	18,983 119,108 (69) 184,547 2,230 (120) 145 1,084 (1,611) 1,728 14,923	174,428 1,094,440 (634) 1,695,736 20,491 (1,103) 1,332 9,961 (14,803) 15,878 137,123





## **Consolidated Statements of Income**

Nippon Light Metal Holdings Company, Ltd. and consolidated subsidiaries

		Years ended March	31,	
	2019	2020	2	020
	(Millions	s of yen)		sands of ars) (Note 3)
Net sales	¥500,451	¥465,946	\$4,28	81,411
Cost of sales (Note 14)	403,194	372,337	3,42	21,271
Gross profit	97,257	93,609	80	60,140
Selling, general and administrative expenses (Note 14)	67,205	69,002	6	34,035
Operating profit	30,052	24,607	22	26,105
Non-operating income:				
Interest income	81	85		<b>781</b>
Dividend income	289	302		2,775
Equity in earnings of affiliates	680	<b>268</b>		2,463
Rental income	804	<b>760</b>		6,983
Technical support fee	666	403		3,703
Other	2,354	1,596		14,665
Total non-operating profit	4,874	3,414		31,370
Non-operating expenses:				
Interest expense	1,301	1,211		11,127
Loss on disposal of fixed assets	575	466		4,282
Rental expense	758	592		5,440
Other	1,208	2,277		20,923
Total non-operating expenses	3,842	4,546		41,772
Ordinary profit	31,084	23,475		15,703
Special gains:	32,002	-0,17		
Gain on step acquisitions	1,371			
Total special gains	1,371			
Special losses:				
Loss on valuation of investment securities (Note 18)		11,000	10	01,075
Loss on impairment of fixed assets (Note 17)	957			<del></del>
Loss on valuation of investment securities (Note 5)	386			
Total special losses	1,343	11,000	10	01,075
Profit before income taxes	31,112	12,475		14,628
Income taxes (Note 10):	J1,112	12,1/)		11,020
Current	7,342	4,897	,	44,997
Deferred	1,764	(1,707)		15,685)
Deterreu	9,106			29,312
Not profit	- /	3,190		
Net profit	22,006	9,285		85,316
Profit attributable to non-controlling interests	1,446	1,809		16,622
Profit attributable to owners of parent	¥ 20,560	¥ 7,476	<u></u>	68,694
Per share of common stock (Note 19):	(Ye	en)		dollars) ote 3)
Net assets	¥ 303.37	¥ 300.83	\$	2.76
Not notit	33.20	12.07	-	0.11
Net profit	33.40	12.0/		





## **Consolidated Statements of Comprehensive Income**

Nippon Light Metal Holdings Company, Ltd. and consolidated subsidiaries

	١	31,	
	2019	2020	2020
	(Millions o	f yen)	(Thousands of U.S. dollars) (Note 3)
Net profit	¥22,006	¥9,285	\$85,316
Other comprehensive income (losses)			
Net unrealized gains (losses) on securities	(890)	(1,088)	(9,997)
Net unrealized gains (losses) on hedges	135	(111)	(1,020)
Foreign currency translation adjustments	(413)	(1,281)	(11,771)
Remeasurements of defined benefit plans	(766)	(438)	(4,025)
Equity of other comprehensive income (losses) of affiliates	(397)	(232)	(2,132)
Total other comprehensive income (losses) (Note 8)	(2,331)	(3,150)	(28,945)
Comprehensive income	¥19,675	¥6,135	\$56,371
Attributable to:			
owners of parent	¥18,409	¥4,513	\$41,467
non-controlling interests	1,266	1,622	14,904
	¥19,675	¥6,135	\$56,372



## **Consolidated Statements Of Changes In Net Assets**

Nippon Light Metal Holdings Company, Ltd. and consolidated subsidiaries

						2019					
		Shareholde	ers' equity		Accumi	ulated other c	omprehensiv	e income			
	Common stock	Additional paid-in capital	Retained earnings	Treasury stock, at cost	Net unrealized gains (losses) on securities	Net unrealized gains (losses) on hedges	Revaluation surplus (Note 12)	Foreign currency translation adjustments	Remeasurements of defined benefits plans	Non- controlling interests	Total net assets
Balance at April 1, 2018	¥ 46,525	¥ 19,064	¥ 101,593 (4,955) 20,560	¥ (67)	¥ 4,181	Millions of yer ¥ (144)	¥ 145	¥ 3,111	¥ (451)	¥ 15,365	¥ 189,322 (4,955) 20,560
Purchase of treasury stock		212	8	(1)							(1) 8 212
transactions with non-controlling interests  Net unrealized gains (losses) on securities  Net unrealized gains (losses) on hedges  Foreign currency translation adjustments  Remeasurements of defined benefits plans		224			(859)	135		(677)	(750)		224 (859) 135 (677) (750)
Net increase in non-controlling interests Balance at March 31, 2019	¥ 46,525	¥ 19,500	¥ 117,206	¥ (68)	¥ 3,322	¥ (9)	¥ 145	¥ 2,434	¥ (1,201)	(484) ¥14,881	, ,
balance at materi J1, 201)	1 10,727	1 1),)00	1 117,200	1 (00)	1 3,344		111)	1 2,131	1 (1,201)	111,001	1 202,737
		Shareholde	ers' equity		Accumi	2020 ulated other c	omprehensiv	e income			
	Common stock	Additional paid-in capital	Retained earnings	Treasury stock, at cost	Net unrealized gains (losses) on securities	Net unrealized gains (losses)	Revaluation surplus (Note 12)	Foreign currency translation adjustments	Remeasurements of defined benefits plans	Non- controlling interests	Total net assets
Balance at April 1, 2019	¥ 46,525	¥ 19,500	¥ 117,206 (5,574) 7,476	¥ (68)	¥ 3,322	¥ (9)	¥ 145	¥ 2,434	¥ (1,201)	¥ 14,881	¥ 202,735 (5,574) 7,476 (1)
Increase by merger		(517)			(1,092)						(517) (1,092)
Net unrealized gains (losses) on hedges Foreign currency translation adjustments Remeasurements of defined benefits plans Net increase in non-controlling interests					(1,092)	(111)		(1,350)	(410)	42	(1,092) (111) (1,350) (410) 42
Balance at March 31, 2020	¥46,525	¥18,983	¥119,108	¥ (69)	¥ 2,230	¥ (120)	¥145	¥ 1,084	¥(1,611)	¥ 14,923	¥201,198
						2020					
		Shareholde	ers' equity			ulated other c	omprehensiv				
	Common stock	Additional paid-in capital	Retained earnings	Treasury stock, at cost	on securities	Net unrealized gains (losses) on hedges Millions of ye	Revaluation surplus (Note 12)	Foreign currency translation adjustments	Remeasurements of defined benefits plans	Non- controlling interests	Total net assets
Balance at April 1, 2019	\$ 427,502	\$ 179,179	\$ 1,076,963 (51,217) 68,694	\$ (625)	_	\$ (83)	\$ 1,332	\$22,366	\$ (11,036)	\$ 136,737	\$ 1,862,860 (51,217) 68,694
Purchase of treasury stock				(9)							(9) 
Change in ownership interest of parent due to transactions with non-controlling interests		(4,751)									(4,751)
Net unrealized gains (losses) on securities  Net unrealized gains (losses) on hedges  Foreign currency translation adjustments  Remeasurements of defined benefits plans					(10,034)	(1,020)		(12,405)	(3,767)		(10,034) (1,020) (12,405) (3,767)
Net increase in non-controlling interests Balance at March 31, 2020	\$427,502	\$174,428	\$1,094,440	\$ (634)	\$ 20,491	<b>\$</b> (1,103)	\$1,332	\$ 9,961	\$(14,803)	386 \$137,123	\$1,848,737





## **Consolidated Statements of Cash Flows**

Nippon Light Metal Holdings Company, Ltd. and consolidated subsidiaries

		Years ended March 3	1,
	2019	2020	2020
	(Millions	of yen)	(Thousands of U.S. dollars) (Note 3)
Cash flows from operating activities			
Profit before income taxes	¥ 31,112	¥ 12,475	<b>\$ 114,628</b>
Depreciation and amortization	17,294	18,694	171,772
Amortization of goodwill	222	444	4,080
Loss (gain) on step acquisitions	(1,371)	56	515
Loss on impairment of fixed assets	957		_
Loss (gain) on valuation of investment securities	386		_
Increase (decrease) in allowance for doubtful accounts	(625)	(69)	(634)
Increase (decrease) in net defined benefit liability	(1,110)	(242)	(2,224)
Increase (decrease) in provision for environmental measures	_	10,609	97,482
Interest and dividend income	(370)	(387)	(3,556)
Interest expense	1,301	1,211	11,127
Equity in earnings of affiliates	(680)	(268)	(2,463)
Decrease (increase) in notes and accounts receivable – trade	3,812	18,854	173,243
Decrease (increase) in inventories	(4,186)	4,873	44,776
Increase (decrease) in notes and accounts payable – trade	(3,721)	(10,359)	(95,185)
Other	(1,131)	750	6,893
Subtotal	41,890	56,641	520,454
Interest and dividends received	658	633	5,816
Interest paid	(1,345)	(1,165)	(10,705)
Settlement package paid	(2,029)	(1,10))	(10,70)
Income taxes paid	(4,530)	(7,433)	(68,299)
Net cash provided by operating activities	34,644	48,676	447,266
Cash flows from investing activities			
Payments for purchase of property, plant and equipment	(22,262)	(28,269)	(259,754)
Proceeds from sales of property, plant and equipment	251	122	1,121
Payments for purchase of intangible assets	(1,373)	(1,487)	(13,664)
Proceeds from purchase of shares of subsidiaries resulting in change in	(1)070)		(iii)
scope of consolidation (Note 4)	1,201	53	487
Other	(594)	(103)	(946)
Net cash used in investing activities	(22,777)	(29,684)	(272,756)
Cash flows from financing activities			
Net increase (decrease) in short-term borrowings	(852)	(2,918)	(26,812)
Proceeds from long-term debt	20,145	10,637	97,740
Repayments of long-term debt	(19,926)	(14,694)	(135,018)
Cash dividends paid	(4,971)	(5,586)	(51,328)
Dividends paid to non-controlling interests	(691)	(885)	(8,132)
Payments from changes in ownership interests in subsidiaries that do not	(0)-)	(00)	(5,-6-)
result in change in scope of consolidation	(1,857)	(1,382)	(12,699)
Other	(752)	(917)	(8,426)
Net cash used in financing activities	(8,904)	(15,745)	(144,675)
Effect of exchange rate changes on cash and cash equivalents	(135)	(296)	(2,719)
Net increase (decrease) in cash and cash equivalents	2,828	2,951	27,116
Cash and cash equivalents at beginning of the year	30,517	33,345	306,395
Cash and cash equivalents at end of the year (Note 4)	¥ 33,345	¥ 36,296	\$ 333,511

## Notes to Consolidated Financial Statements

Nippon Light Metal Holdings Company, Ltd. and consolidated subsidiaries

### 1. SIGNIFICANT ACCOUNTING POLICIES

### (a) Basis of presentation

The accompanying consolidated financial statements of Nippon Light Metal Holdings Company, Ltd. (the "Company") and its consolidated subsidiaries are prepared on the basis of accounting principles generally accepted in Japan, which are different in certain respects, from the application and disclosure requirements of International Financial Reporting Standards, and are compiled from the consolidated financial statements prepared by the Company as required by the Financial Instruments and Exchange Law of Japan. The notes to the consolidated financial statements include certain financial information which is not required under accounting principles generally accepted in Japan, but is presented herein as additional information. The accompanying consolidated financial statements include certain reclassifications for the purpose of presenting them in a form familiar to readers outside Japan.

### (b) Principles of consolidation and accounting for investments in affiliates

The accompanying consolidated financial statements include the accounts of the Company and, with minor exceptions, companies substantially controlled by the Company. All significant intercompany transactions and accounts have been eliminated in consolidation.

Investments in equity securities issued by unconsolidated subsidiaries and affiliates are accounted for by the equity method, except that investments in certain unconsolidated subsidiaries and affiliates are stated at cost because the effect of application of the equity method would be immaterial.

As a result, the consolidated financial statements for the year ended March 31, 2020 include the accounts of the Company and its 79 significant subsidiaries, and its 16 affiliates are accounted for by the equity method (78 and 17, respectively, in the previous year). The balance sheet date of certain consolidated subsidiaries is December 31. In principle, the financial statements of such subsidiaries were tentatively prepared to be consolidated in accordance with the fiscal year (ended March 31) of the Company, while those of some companies whose closing date is December 31 are used upon consolidation, with the necessary adjustments made to those financial statements to reflect any significant inter-group transactions made between December 31 and March 31.

The difference between the cost and the underlying net assets of investments in consolidated subsidiaries or affiliates accounted for by the equity method has been allocated to identifiable assets based on fair value at the respective dates of acquisition. Any unassigned residual amount is recognized as goodwill and amortized by the straight-line method over an estimated useful life, with the exception of minor amounts which are charged to income in the year of acquisition.

### (c) Translation of foreign currencies

All monetary assets and liabilities denominated in foreign currencies, whether long-term or short-term, are translated into Japanese yen at the exchange rates prevailing at the balance sheet date. The resulting exchange gains and losses are included in income for the year.

Assets and liabilities of foreign subsidiaries and affiliates are translated into Japanese yen at the exchange rates prevailing at the balance sheet date. Income statement accounts are translated into Japanese yen using the average exchange rates during the year. The resulting translation adjustments are accounted for as foreign currency translation adjustments, except for the minority interest portion which is allocated to minority interests in consolidated subsidiaries.

### (d) Cash and cash equivalents

Cash and cash equivalents in the consolidated statements of cash flows comprise of cash in hand, bank deposits available for withdrawal on demand and short-term investments with an original maturity of three months or less which are exposed to a minor risk of fluctuation in value.

### (e) Inventories

Inventories are principally stated at cost, determined by the moving average method. In addition, the balance sheet amount is carried at the lower of cost or market to reflect descent of profitability.

### (f) Investment securities

Securities other than equity securities issued by subsidiaries and affiliates are classified into held-to-maturity securities or available-for-sale securities.

Held-to-maturity securities are stated at amortized cost. Available-for-sale securities for which market quotations are available are stated at fair value with net unrealized gains or losses being included in net assets, net of related taxes. Available-for-sale securities for which market quotations

are not available are stated at cost. Realized gains and losses on sales are determined using the moving average method and are included in income for the year.

In cases where the fair value of held-to-maturity securities or available-for-sale securities has declined significantly and such impairment is other than temporary, such securities are written down to fair value and the resulting losses are charged to income for the year.

### (g) Allowance for doubtful accounts

Allowance for doubtful accounts is estimated by applying the average percentage of actual bad debts in the past to the balance of receivables. In addition, an amount deemed necessary to cover non-collectible receivables is provided on an individual account basis.

### (h) Provision for environmental measures

Provision for environmental measures is estimated reasonably to the possible extent based on the plan for measures against reservoir sedimentation in Amehata Dam in Hayakawa-cho, Minamikoma-gun, Yamanashi Prefecture which is possessed by the company's consolidated subsidiaries Nippon Light Metal Company, Ltd.

### (i) Property, plant and equipment

Property, plant and equipment are stated at cost. Depreciation is computed principally using the straight-line method over the estimated useful lives of the respective assets, ranging from 2 years to 60 years for buildings and structures, and from 2 years to 22 years for machinery and equipment.

### (j) Intangible assets

Intangible assets are amortized by the straight-line method over their respective estimated useful lives. Expenditure relating to computer software developed for internal use is charged to income as incurred, except in cases where it contributes to the generation of income or future cost savings. In these cases, it is capitalized and amortized using the straight-line method over its estimated useful life, which is no longer than 5 years.

### (k) Retirement benefits

- 1) The retirement benefit obligation for employees is attributed to each period by the benefit formula method over the estimated years of service of the eligible employees.
- 2) Prior service cost is amortized as incurred mainly by the straight-line method over the period of 15 years, which is shorter than the average remaining years of service of the then employees. Unrecognized actuarial gain or loss is amortized by the declining-balance method over a period of 12 years from the year following that in which it arises.

### (I) Leased assets

Finance leases without options to transfer ownership of the leased assets to the lessee are accounted for as ordinary sale and purchase transactions. These leased assets are depreciated to their respective salvage value of zero using the straight-line method over a period of leasing term. Finance leases with options to transfer ownership of the leased assets to the lessee are depreciated by the same method applied to the fixed assets owned by the Company.

### (m) Income taxes

The income taxes of the Company and its domestic consolidated subsidiaries consist of corporate income taxes, local inhabitants' taxes and enterprise taxes. The Company and its wholly-owned domestic subsidiaries use the Japanese consolidated taxation system.

The Company and its consolidated subsidiaries apply the deferred tax accounting method. Deferred tax assets and liabilities are determined using the asset and liability approach, and recognized for temporary differences between the tax bases of assets and liabilities and those as reported in the consolidated financial statements.

### (n) Derivatives

All derivatives are stated at fair value with changes in fair value being included in net profit for the year in which they arise, except for derivatives designated as hedging instruments.

The Company and its consolidated subsidiaries use derivatives to reduce their exposure to fluctuation in foreign exchange rates, interest rates, and the prices of aluminum ingot and others in the market. Derivatives designated as hedging instruments are principally forward foreign



exchange contracts, interest rate swap contracts, interest rate and currency swap contracts, and aluminum ingot and others forward contracts. The underlying hedged items are trade accounts receivable and payable, long-term bank loans, and sales or purchases of aluminum ingot and others.

Gains and losses arising from changes in fair value of derivatives designated as hedging instruments are deferred and included in net profit in the same period in which the corresponding gains and losses on the underlying hedged items or transactions are recognized. The Company and its consolidated subsidiaries use interest rate swaps, and interest rate and currency swaps to hedge their interest rate (and foreign exchange rate) risk exposure. The related interest differentials paid or received under the interest rate swap agreements are recognized in interest expense over the term of the agreements.

The Company and its consolidated subsidiaries assess the effectiveness of their hedging activities by reference to the accumulated gains or losses on the hedging instruments and the underlying hedged items from the commencement of the hedges.

### (o) Research and development costs

Research and development costs are charged to income as incurred.

### (p) Appropriation of retained earnings

Appropriation of retained earnings is reflected in the consolidated financial statements for the year in which the appropriation is approved at a general meeting of shareholders.

The Company's retained earnings consist of unappropriated retained earnings and a legal reserve as required by the Companies Act of Japan. The Companies Act provides that an amount equal to 10% of distributions from unappropriated retained earnings paid by the Company and its domestic subsidiaries be appropriated to the legal reserve. Such appropriations are no longer required when the total amount of statutory reserve (additional paid-in capital (other than the capital reserve) and the legal reserve) equals 25% of their respective stated capital.

### (a) Net profit per share

Basic net profit per share of common stock, presented in the accompanying consolidated statements of income, is computed based on the weighted average number of shares outstanding during each year.

Diluted net profit per share reflects the potential dilution that could occur if securities were converted into common stock. Diluted net profit per share of common stock assumes full conversion of the outstanding convertible bonds at the time of issuance with an applicable adjustment for the related interest expense on a net of tax basis.

### (r) Reclassification

Certain reclassifications of previously reported amounts have been made to conform them to the current year's presentations.

### (s) Accounting standards issued but not yet effective

### Accounting Standard and Implementation Guidance on Revenue Recognition

On March 31, 2020, the Accounting Standards Board of Japan ("ASBJ") issued "Accounting Standard for Revenue Recognition" (ASBJ Statement No. 29), "Implementation Guidance on Accounting Standard for Revenue Recognition" (ASBJ Guidance No. 30) and "Implementation Guidance on Disclosures about Fair Value of Financial Instruments" (ASBJ Guidance No. 19).

### (1) Overview

This is a comprehensive accounting standard for revenue recognition. Specifically, the accounting standard establishes the following five-step model that will apply to revenue from contracts with customers:

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



### (2) Scheduled date of adoption

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

### (3) Impact of the adoption of accounting standard and implementation guidance

The Company is currently evaluating the effect of the adoption of this accounting standard and implementation guidance on its consolidated financial statements.

### Accounting Standard for Fair Value Measurement and Related Implementation Guidance

On July 4, 2019, the Accounting Standards Board of Japan ("ASBJ") issued "Accounting Standard for Fair Value Measurement" (ASBJ Statement No. 30) and "Implementation Guidance on Accounting Standard for Fair Value Measurement" (ASBJ Guidance No. 31), along with related updates to "Accounting Standard for Measurement of Inventories" (ASBJ Statement No.9 revised 2019), and "Accounting Standard for Financial Instruments" (ASBJ Statement No. 10, revised 2019).

### (1) Overview

The ASBJ has developed an "Accounting Standard for Fair Value Measurement" and "Implementation Guidance on Accounting Standard for Fair Value Measurement" (hereinafter collectively, the "Fair Value Measurement Standard"), which provide guidance for fair value measurement in order to improve comparability with internationally recognized accounting standards. The Fair Value Measurement Standard is applied with respect to the fair value of the following items;

- Financial instruments defined in "Accounting Standard for Financial Instruments"
- . Inventories held for trading purposes defined in "Accounting Standard for Measurement of Inventories"

### (2) Scheduled date of adoption

The Company expects to adopt the accounting standards and implementation guidance from the beginning of the fiscal year ending March 31, 2022.

### (3) Impact of the adoption of revised accounting standard and implementation guidance

The Company is currently evaluating the effect of the adoption of this accounting standards and implementation guidance on its consolidated financial statements.

### 2. ACCOUNTING CHANGES

### (a) Change in accounting policies

### Adoption of IFRS 16 "Leases"

Certain consolidated subsidiaries which apply International Financial Reporting Standards (IFRS) have adopted IFRS 16 "Leases" (January 13, 2016; hereinafter "IFRS 16") from the beginning of the fiscal year ended March 31, 2020.

IFRS 16 requires lessees to recognize assets and liabilities for, in principle, all leases. A transition approach, cumulative effect of retrospectively applying was recognized at the date of initial application.

It also has a small effect on consolidated financial statements for the fiscal year ended March 31, 2020.

### (b) Change in presentation

Not applicable..

### 3. U.S. DOLLAR AMOUNTS

The rate of \(\frac{4}{108.83}\) = U.S.\(\frac{4}{3}\)1, the approximate exchange rate prevailing at March 31, 2020, has been used for the purpose of presenting the U.S. dollar amounts in the accompanying consolidated financial statements. These amounts are presented solely for the convenience of the readers. Accordingly, they should not be construed as representations that yen amounts actually represent, or have been or could be readily converted, realized or settled in U.S. dollars at that rate.



### 4. CASH AND CASH EQUIVALENTS

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

	2	019		2020	2020
_		(Millions	of yen)		usands of G. dollars)
Cash and deposits	¥	33,417	¥	36,349	\$ 333,998
Time deposits with maturities in excess of 3 months		(72)		(53)	(487)
Cash and cash equivalents	¥	33,345	¥	36,296	\$ 333,511

The following is the summary of assets acquired and liabilities assumed through the acquisition of shares of Sumikei-Nikkei Engineering Co., Ltd. for the year ended March 31, 2019, related acquisition costs and net proceeds.

	2019
	(Millions of yen)
Current assets	¥ 7,894
Fixed assets	319
Goodwill	2,221
Current liabilities	(3,942)
Long-term liabilities	(13)
Non-controlling interests	(809)
Gain on step acquisitions	(1,371)
Carrying amount accounted for by the equity method immediately before gaining controls	(2,129)
Acquisition cost of shares	2,170
Cash and cash equivalents	3,371
Net: Proceeds from purchase of shares of subsidiaries	¥ 1,201

The following is the summary of assets acquired and liabilities assumed through the acquisition of shares of Nikkei-Heat-Exchanger Co., Ltd. for the year ended March 31, 2020, related acquisition costs and net proceeds.

	2020	2020
	(Millions of yen)	(Thousands of U.S. dollars)
Current assets	¥ 2,133	\$ 19,598
Fixed assets	422	3,878
Current liabilities	(1,646)	(15,125)
Gain on step acquisitions	56	515
Gain on bargain purchase	(107)	(983)
Carrying amount accounted for by the equity method immediately before gaining controls	(457)	(4,199)
Acquisition cost of shares	401	3,685
Cash and cash equivalents	454	4,172
Net: Proceeds from purchase of shares of subsidiaries	¥ 53	\$ 487

### 5. INVESTMENT SECURITIES

### (a) Available-for-sale securities with available market quotations

The acquisition cost, carrying amount, and gross unrealized gains and losses of available-for-sale securities with available market quotations at March 31, 2019 and 2020 were as follows:

	2019		2020		2020	
Equity securities		(Millions of yen)			(Thousands of U.S. dollars)	
Cost	¥	3,873	¥	3,916	\$	35,983
Unrealized gains		4,674		3,494		32,105
Unrealized losses		(40)		(305)		(2,803)
Carrying amount	¥	8,507	¥	7,105	\$	65,285

#### (b) Sales of available-for-sale securities

The proceeds and realized gains and losses on sales of available-for-sale securities for the years ended March 31, 2019 and 2020 were as follows:

	201	2019 20		20	2	2020	
	(Millions of yen)				(Thousands of U.S. dollars)		
Sales proceeds	¥	0	¥	314	\$	2,885	
Realized gains on sales		_		99		910	
Realized losses on sales		_		_		_	

#### (c) Investments in non-consolidated subsidiaries and affiliates

Investments in non-consolidated subsidiaries and affiliates, included in the investment securities in the consolidated balance sheets, as of March 31, 2019 and 2020 are as follows:

	2019	2020	2020
	(Millions o	of yen)	(Thousands of U.S. dollars)
Investments in non-consolidated subsidiaries and affiliates	¥ 14,883 (2,597)	¥ 14,235 1,888	\$ 130,800 17,348

#### 6. SHORT-TERM BORROWINGS AND LONG-TERM DEBT

Short-term borrowings at March 31, 2020 bore interests at annual rates 0.92% on average and mainly consist of bank loans and short-term notes maturing at various dates within one year.

Long-term debt at March 31, 2019 and 2020 comprised the following:

	2019	2020	2020
	(Millions o	of yen)	(Thousands of U.S. dollars)
Loans, principally from banks and insurance companies due from 2020 to 2029 with interest rates 0.67% on average:			
Secured	¥ 826	¥ 314	\$ 2,885
Unsecured	82,667	79,053	726,390
Unsecured 4.31% bonds due June 1, 2027, redeemable before due date	666	653	6,000
Capital lease obligations due from 2020 to 2034 with interest rates 0.45% on average	4,172	4,469	41,064
-	88,331	84,489	776,339
Less: portion due within one year	(15,058)	(10,787)	(99,118)
Total long-term debt	¥ 73,273	¥ 73,702	\$ 677,221

A summary of assets pledged as collateral for short-term borrowings and long-term debt at March 31, 2019 and 2020 is as follows:

	20	19	20	20		20	020	
	(Millions of yen)			(Thousands of U.S. dollars)			_	
Property, plant and equipment	¥	503	¥	484	_	\$	4,447	_

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

Years ending March 31,		(Millions of yen)		usands of 3. dollars)
2021	¥ 10,	787	\$	99,118
2022	6,9	909		63,484
2023	10,3	<b>360</b>		95,194
2024	9,9	)50		91,427
2025	3,1	153		28,972
Thereafter	43,3	330		398,144
	¥ 84,4	<b>189</b>	\$	776,339



#### 7. FINANCIAL INSTRUMENTS

#### (a) Overview

#### 1. Policy for financial instruments

The Company and its consolidated subsidiaries (the "Group") invest temporary cash surpluses primarily on short-term deposits, and strive to diversify financing methods by raising funds through bank borrowings and corporate bonds. The Group utilizes various derivative financial instruments such as interest rate swaps, forward foreign exchange contracts, forward trading in aluminum ingots and currency swap contracts for the purpose of reducing risk, and does not enter into derivative transactions for speculative or trading purposes.

#### 2. Types of financial instruments and related risk, and risk management for financial instruments

Notes and accounts receivable – trade and electronically recorded monetary claims –operating are exposed to credit risk in relation to customers. The Group manages the risks by monitoring the due dates and outstanding balances by individual customers. Accounts receivable — trade denominated in foreign currencies are exposed to risk of exchange rate fluctuations and are hedged by utilizing forward foreign exchange contracts. Stocks of investment securities, which are exposed to market fluctuations, are mainly those of companies with which the Group has business relationships. The Group periodically reviews the fair values of such stocks and the financial position of the issuers.

Notes and accounts payable – trade have payment due dates approximately within one year.

Short-term borrowings are used mainly for operating activities, and long-term borrowings are used principally for the purpose of making capital investments. Variable rate borrowings are exposed to risk of interest rate fluctuation and some of those denominated in foreign currencies are exposed to risk of exchange rate fluctuations. However, in order to reduce such risks, the Group utilizes interest rate swap and interest rate and currency swap transactions as a hedging instrument for each individual contract for some of those long-term borrowings. Assessment of the effectiveness of hedging activities is omitted, as the requirements for special treatment of interest rate swaps are met.

The execution and management of derivative transactions are performed based on the control procedure designated in management policy. In addition, to reduce credit risk, counterparties of derivative instruments are restricted to only highly rated financial institutions and major trading companies.

For notes and accounts payable – trade and borrowings, the Group prepares its cash flow plans to manage liquidity risk (the risk that the Group may not be able to meet its obligations on scheduled due dates).

#### 3. Supplementary explanation of the estimated fair value of financial instruments

The notional amounts of derivatives in "(b) Estimated fair value of financial instruments and related information," do not necessarily indicate the actual market risk involved in the derivative transactions.

#### (b) Estimated fair value of financial instruments and related information

The carrying value of financial instruments in the consolidated balance sheets, estimated fair value and the difference between them as of March 31, 2019 and 2020 are as follows:

		2019	
	Carrying Value *1	Estimated Fair Value *1	Difference
		(Millions of yen)	
(1) Cash and deposits	¥ 33,417	¥ 33,417	¥ —
(2) Notes and accounts receivable – trade	123,039	123,039	_
(3) Electronically recorded monetary claims – operating	29,642	29,642	
(4) Investment securities			
Stocks of subsidiaries and affiliates	4,097	1,969	(2,128)
Other securities	8,507	8,507	
(5) Notes and accounts payable – trade	(76,244)	(76,244)	_
(6) Short-term borrowings	(55,411)	(55,411)	_
(7) Bonds	(666)	(666)	_
(8) Long-term borrowings *2	(83,493)	(84,157)	(664)
(9) Derivative transactions	, , -,	. , ,	
for which hedge accounting has not been applied	(1)	(1)	_
for which hedge accounting has been applied	0	0	_

^{*1} Liabilities are shown in parenthesis.

^{*2} The current portion of long-term borrowings is included in long-term borrowings.

		2020	
	Carrying Value *1	Estimated Fair Value *1	Difference
		(Millions of yen)	
(1) Cash and deposits	¥ 36,349	¥ 36,349	¥ —
(2) Notes and accounts receivable – trade	105,458	105,458	_
(3) Electronically recorded monetary claims – operating	27,575	27,575	
(4) Investment securities			
Stocks of subsidiaries and affiliates	4,190	1,264	(2,926)
Other securities	7,105	7,105	_
(5) Notes and accounts payable – trade	(63,826)	(63,826)	_
(6) Short-term borrowings	(52,602)	(52,602)	_
(7) Bonds	(653)	(653)	
(8) Long-term borrowings *2	(79,367)	(80,269)	(902)
(9) Derivative transactions		, ,	
for which hedge accounting has not been applied	3	3	_
for which hedge accounting has been applied	(154)	(154)	_

		\$ 333,998	
	Carrying Value *1	Estimated Fair Value *1	Difference
		(Thousands of U.S. dollars)	
(1) Cash and deposits	\$ 333,998	\$ 333,998	<b>\$</b> —
(2) Notes and accounts receivable – trade	969,016	969,016	_
(3) Electronically recorded monetary claims – operating	253,377	253,377	
(4) Investment securities			
Stocks of subsidiaries and affiliates	38,500	11,614	(26,886)
Other securities	65,285	65,285	_
(5) Notes and accounts payable – trade	(586,474)	(586,474)	_
(6) Short-term borrowings	(483,341)	(483,341)	_
(7) Bonds	(6,000)	(6,000)	
(8) Long-term borrowings *2	(729,275)	(737,563)	(8,288)
(9) Derivative transactions			
for which hedge accounting has not been applied	(28)	(28)	_
for which hedge accounting has been applied	(1,415)	(1,415)	_

^{*1} Liabilities are shown in parenthesis.

#### Notes

- 1. Method for determining the estimated fair value of financial instruments and other matters related to securities and derivative transactions
  - (1) Cash and deposits, (2) Notes and accounts receivable trade and (3) Electronically recorded monetary claims operating Since these items are settled in a short period of time, their carrying value approximates fair value.
  - (4) Investment securities
    - The fair value of stocks is based on quoted market prices. For information on securities classified by holding purpose, refer to Note 5 "Investment Securities."
  - (5) Notes and accounts payable trade and (6) Short-term borrowings Since these items are settled in a short period of time, their carrying value approximates fair value.
  - (7) Bonds

The fair value of bonds is based on the present value of the sum of principal and interest discounted by an interest rate determined based on the remaining period and current credit risk of each bond.

^{*2} The current portion of long-term borrowings is included in long-term borrowings.



- (8) Long-term borrowings
  - The fair value of long-term borrowings is based on the present value of the sum of principal and interest discounted by an interest rate which is expected to be required upon entering into similar new borrowings. Interest rate swaps subject to special treatment, and interest rate and currency swaps subject to integral accounting method are used for some long-term floating rate borrowings. Principal and interest in which these swaps are embedded, are discounted using a current interest rate which is expected to be required upon entering into similar new borrowings.
- (9) Derivatives
  Refer to "Note 13. Derivatives."
- 2. Unlisted stocks of ¥17,019 million and ¥16,265 million (\$149,453 thousand) as of March 31, 2019 and 2020 are not included in "(4) Investment securities" because no quoted market prices are available and it is extremely difficult to measure the fair value.
- 3. The redemption schedule for receivables and marketable securities with maturities at March 31, 2019 and 2020 is as follows:

		20	thin five years  (Millions of yen)  Y — Y — —  3 — Y 3 Y —  Y — Y — —  2020  Ifter one year but within ten years but within five years  (Millions of yen)  Y — Y — —  1 — —  Y 1 Y — —  2020  Ifter one year but Due after five years but within ten years  Due after five years but within ten years  Due after five years but within ten years  Due after five years but Due after five years but within ten years		
	Due within one year	Due after one year but within five years		Due after ten years	
		(Million	is of yen)		
Cash and deposits	¥ 33,356	¥ —	¥ —	¥ —	
Notes and accounts receivable — trade	123,039	_	_		
Electronically recorded monetary claims – operating	29,642				
Investment securities					
Held-to-maturity securities					
Government and municipal bonds	2	3		_	
	¥ 186,039	¥ 3	¥ —	¥ —	
		20	020		
	Due within one year				
		(Million	s of yen)		
Cash and deposits	¥ 36,349	¥ —	¥ —	¥ —	
Notes and accounts receivable – trade	105,458	_	_		
Electronically recorded monetary claims – operating	27,575				
Investment securities					
Held-to-maturity securities					
Government and municipal bonds	2	1			
	¥169,384	¥ 1	¥ —	¥—	
		20	020		
	Due within one year	Due after one year but within five years		Due after ten years	
		(Thousands o	of U.S. dollars)		
Cash and deposits	\$ 333,998	<b>\$</b> —	<b>\$</b> —	<b>\$</b> —	
Notes and accounts receivable – trade	969,016	_	_	_	
Electronically recorded monetary claims – operating	253,377				
Investment securities					
Held-to-maturity securities					
Government and municipal bonds	18	9	_	_	
	\$1,556,409	\$ 9	<b>\$</b> —	<b>\$</b> —	

#### 4. The redemption schedule for bonds and long-term borrowings at March 31, 2019 and 2020 is as follows:

		2019	
	Due within one year but within five years		Due after five years
		(Millions of yen)	
onds	¥ —	¥ —	¥ 666
ong-term borrowings	14,496	30,977	38,020
	¥ 14,496	¥ 30,977	¥ 38,686
	Due within	2020  Due after one year but within five years	Due after five years
	one year	(Millions of yen)	live years
	¥	¥	¥ 653
onds			1 0/3
onds	10,068	28,499	40,800

			Due after five years				
		(Thousands of U.S. dollars)					
Bonds	\$	- \$ —	\$ 6,000				
Long-term borrowings	92,511	261,867	374,897				
	\$ 92,511	\$ 261,867	\$ 380,897				

- 5. The fair value of derivatives at March 31, 2019 and 2020 is as follows:
  - (1) Derivative transactions for which hedge accounting has not been applied Currency-related transactions

		2019				
	Notion	al amount	Maturity	over 1 year	Fair va	ılue (*)
			(Million	is of yen)		
Currency swap contracts						
U.S. dollars payment / Japanese yen receipt	¥	444	¥	444	¥	1
Foreign exchange forwards		70		_		(2)

#### Currency-related transactions

	2020					
	Notion	al amount	Maturity	over 1 year	ear Fair valu	
	(Millions of yen)					
Currency swap contracts						
U.S. dollars payment / Japanese yen receipt	¥	435	¥	435	¥	0
Foreign exchange forwards		67		_		3

	2020				
	Notional amount	Maturity over 1 year	Maturity over 1 year Fair value		
	(T	housands of U.S. dolla	rs)		
Currency swap contracts U.S. dollars payment / Japanese yen receipt	\$3,997	<b>\$</b> 3,997	\$	0	
Foreign exchange forwards	616	_		28	

^{*1}Method for calculating fair value

The fair value is based on prices quoted from counterparty financial institutions.





#### (2) Derivative transactions for which hedge accounting has been applied

#### Currency-related transactions

		2019		
	Hedge item	Notional amount	Maturity over 1 year	Fair value (*)
			(Millions of yen)	
Foreign exchange forwards				
Deferred hedge method	Accounts receivable	¥ 121	¥ —	¥ (1)
	Accounts payable	1,201	_	1
Designated accounting for foreign exchange forward contracts	Accounts receivable	1,388	_	(*)
Designated accounting for foreign exchange forward contracts	Accounts payable	384		(*)
		2020		
	Hedge item	Notional amount	Maturity over 1 year	Fair value (*)
			(Millions of yen)	
Foreign exchange forwards				
Deferred hedge method	Accounts receivable	¥ 240	¥ —	¥ (2)
Deferred fledge filedfod	Accounts payable	938	_	3
Decimand a constitue for foreign and are formed as the start	Accounts receivable	812	_	(*)
Designated accounting for foreign exchange forward contracts	Accounts payable	1,539	_	(*)
		2020		7.1 (4)
	Hedge item		Maturity over 1 year	
Foreign exchange forwards		(100	ousands of U.S. doll	di S)
Deferred hedge method	Accounts receivable	\$ 2,205	<b>\$</b> —	\$(18)
pererren nende memon	Accounts payable	8,619	_	28
Designated agreementing for foreign evaluation for foreign	Accounts receivable	7,461	_	(*)
Designated accounting for foreign exchange forward contracts	Accounts payable	14,141	_	(*)

^(*) The fair value is based on prices quoted from counterparty financial institutions. Since forward foreign exchange contracts subject to designated accounting (special treatment for forward foreign exchange contracts) are accounted for together with the underlying trade receivable or trade payable subject to hedging, the fair value of such contracts is included in the fair value of those hedged items.

#### Interest-related transactions

	2019						
	Hedge item	Notional amount	Maturity over 1 year	Fair value (*)			
			(Millions of yen)				
Interest rate swaps							
Fixed rate payment / Floating rate receipt							
Deferred hedge method	Long-term borrowings	¥ 695	¥ 598	¥ 2			
Special treatment of interest rate swap transactions	Long-term borrowings	19,926	16,624	(*)			
Integral accounting method of interest rate and currency swap							
transactions	Long-term borrowings	656	219	(*)			

^{*2} Currency swap contracts and foreign exchange forwards are the hedging instruments for monetary receivables and payables arising from transactions among consolidated subsidiaries, and designated accounting is applied in non-consolidated financial statements.

		2020					
	Hedge item	Notional am	ount			Fair va	lue (*)
Interest rate grape				(Millior	ns of yen)		
Interest rate swaps							
Fixed rate payment / Floating rate receipt	T 4 1	¥7 C	10	<b>X</b> 7		<b>X</b> 7	
Deferred hedge method	Long-term borrowings		8	¥	_	¥	0
Special treatment of interest rate swap transactions	Long-term borrowings	16,73	0	15	5,200		(*)
Integral accounting method of interest rate and currency swap transactions	Long-term borrowings	21	9		_		(*)
		2020					
	Hedge item	Notional am					lue (*)
and and and a manage			(Tho	usands	of U.S. dol	lars)	
interest rate swaps							
Fixed rate payment / Floating rate receipt	T 1 1	# 00		#		#	
Deferred hedge method	Long-term borrowings			<b>\$</b>	_	\$	0
Special treatment of interest rate swap transactions	Long-term borrowings	153,72	6	139	9,667		(*)
Integral accounting method of interest rate and currency swap	Town Assess to assess to a second	0.01					(*)
transactions	Long-term borrowings	2,01	4				(*)
(*) The fair value is based on prices quoted from counterparty f treatment and interest rate and currency swaps subject to in corresponding long-term borrowings subject to hedging, the hedged items.	ntegral accounting method are	e accounte	ed fo	r togei	ther with	b the	bose
treatment and interest rate and currency swaps subject to in corresponding long-term borrowings subject to hedging, the	ntegral accounting method are	e accounte	ed fo	r togei	ther with	b the	bose
treatment and interest rate and currency swaps subject to in corresponding long-term borrowings subject to hedging, the hedged items.	ntegral accounting method are	e accounte	ed fo	r togei	ther with	b the	pose
treatment and interest rate and currency swaps subject to in corresponding long-term borrowings subject to hedging, the hedged items.	ntegral accounting method are	e accounte included	ed fo	or togei he fair	ther with	b the of the ti	hose
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions	ntegral accounting method are fair value of such contracts is	e accounte included 2019	ed fo	or togei he fair	ther with	b the of the ti	
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions	ntegral accounting method are fair value of such contracts is  Hedge item	e accounte included 2019 Notional am	ed fo	he fair  Maturity  (Million	ther with	h the f the ti	llue (*)
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to bedging, the bedged items.  Commodity-related transactions	tegral accounting method are fair value of such contracts is  Hedge item  Accounts receivable	2019 Notional am	ed for in the count	or togei he fair	ther with	b the of the ti	(6)
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions	ntegral accounting method are fair value of such contracts is  Hedge item	e accounte included 2019 Notional am	ed for in the count	he fair  Maturity  (Million	ther with	h the f the ti	llue (*)
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions	tegral accounting method are fair value of such contracts is  Hedge item  Accounts receivable	2019 Notional am	ed for in the count	he fair  Maturity  (Million	ther with	h the f the ti	(6)
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions	tegral accounting method are fair value of such contracts is  Hedge item  Accounts receivable	2019 Notional am  Y 41	ount	Maturity (Millior  **Y	over 1 year over 1 year over 1 year	h the f the tr	(6)
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions  luminum ingot and others forward contracts  Fair value hedge accounting	Hedge item  Accounts receivable	2019 Notional am  Y 41 1,89	ount	Maturity (Millior  **Y	ther with value of over 1 year as of yen)	h the f the tr	(6) 4
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions  duminum ingot and others forward contracts  Fair value hedge accounting	Hedge item  Hedge item  Hedge item	2019 Notional am  Y 41 1,89	ount  ount  ount	Maturity (Million  Maturity (Million	over 1 year over 1 year over 1 year	Fair va	(6) 4
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions  luminum ingot and others forward contracts  Fair value hedge accounting	Hedge item  Hedge item  Accounts payable  Hedge item	2019 Notional am  Y 41 1,89	ount  13  ount	Maturity (Millior  **Y	over 1 year over 1 year over 1 year	Fair va	(6) 4
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions  duminum ingot and others forward contracts  Fair value hedge accounting	Hedge item  Hedge item  Hedge item	2019 Notional am  Y 41 1,89	ount  13  ount	Maturity (Million  Maturity (Million	over 1 year over 1 year over 1 year	Fair va	(6) 4
treatment and interest rate and currency swaps subject to in corresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions  Aluminum ingot and others forward contracts  Fair value hedge accounting	Hedge item  Hedge item  Accounts payable  Accounts receivable  Accounts payable	2019 Notional am  Y 41 1,89 2020 Notional am  Y 39 1,84	ount  13  Ount  Ount  Ount	Maturity (Million  **  Maturity (Million  **  **  **  **  **  **  **  **  **	over 1 year ns of yen) over 1 year	Fair va  Fair va	(6) 4 31 (185)
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions  Aluminum ingot and others forward contracts  Fair value hedge accounting	Hedge item  Hedge item  Accounts payable  Hedge item	2019 Notional am  Y 41 1,89  2020 Notional am	ount  13  Ount  Ount  Ount  Ount	Maturity (Million  **  Maturity (Million  **  Maturity  Maturity  Maturity	over 1 year ns of yen) over 1 year over 1 year over 1 year	Fair va  Fair va	(6) 4
treatment and interest rate and currency swaps subject to incorresponding long-term borrowings subject to bedging, the bedged items.  Commodity-related transactions  duminum ingot and others forward contracts  Fair value hedge accounting  duminum ingot and others forward contracts  Fair value hedge accounting	Hedge item  Hedge item  Accounts payable  Accounts receivable  Accounts payable	2019 Notional am  Y 41 1,89 2020 Notional am  Y 39 1,84	ount  13  Ount  Ount  Ount  Ount	Maturity (Million  **  Maturity (Million  **  Maturity  Maturity  Maturity	over 1 year ns of yen) over 1 year	Fair va  Fair va	(6) 4 31 (185)
treatment and interest rate and currency swaps subject to in corresponding long-term borrowings subject to hedging, the hedged items.  Commodity-related transactions  Aluminum ingot and others forward contracts  Fair value hedge accounting	Hedge item  Hedge item  Accounts payable  Accounts receivable  Accounts payable	2019 Notional am  Y 41 1,89 2020 Notional am  Y 39 1,84	oount  Oount  (Tho	Maturity (Million  **  Maturity (Million  **  Maturity  Maturity  Maturity	over 1 year ns of yen) over 1 year over 1 year over 1 year	Fair va  Fair va	(6) 4 31 (185)

 $^{(*) \ \}textit{The fair value is based on prices quoted from counterparty trading companies}.$ 

(1,700)

16,916

Accounts payable .....



#### 8. OTHER COMPREHENSIVE INCOME

Each component of other comprehensive income for the year ended March 31, 2019 and 2020 is as follows:

	2019	2020	2020
_	(Millions o	(Millions of yen)	
Unrealized gains (losses) on securities:			
Amount arising during the year	¥ (1,219)	¥ (1,439)	\$ (13,222)
Reclassification adjustments for gains and losses included in profit (loss) attributable to owners of parent	8	_	_
Before-tax effect	(1,211)	(1,439)	(13,222)
Tax effect	321	351	3,225
Net-of-tax amount	(890)	(1,088)	(9,997)
Unrealized gains (losses) on hedges:		. , ,	(2)22.7
Amount arising during the year	(99)	(299)	(2,748)
Reclassification adjustments for gains and losses included in profit (loss) attributable			
to owners of parent	275	153	1,406
Before-tax effect	176	(146)	(1,342)
Tax effect	(41)	35	322
Net-of-tax amount	135	(111)	(1,020)
Foreign currency translation adjustments:			
Amount arising during the year	(413)	(1,281)	(11,771)
Reclassification adjustments for gains and losses included in profit (loss) attributable to owners of parent	_	_	_
Before-tax effect	(413)	(1,281)	(11,771)
Tax effect	_	_	_
Net-of-tax amount	(413)	(1,281)	(11,771)
Remeasurements of defined benefit plans:			
Amount arising during the year	(1,106)	(751)	(6,900)
Reclassification adjustments for gains and losses included in profit (loss) attributable to owners of parent	15	134	1,231
Before-tax effect	(1,091)	(617)	(5,669)
Tax effect	325	179	1,644
Net-of-tax amount	(766)	(438)	(4,025)
Equity of other comprehensive income (loss) of affiliates:	(700)	(130)	(1,02))
Amount arising during the year	(397)	(232)	(2,132)
Reclassification adjustments for gains and losses included in profit (loss) attributable	(3)1)	(232)	(2,132)
to owners of parent	_	_	_
Before-tax amount	(397)	(232)	(2,132)
Tax benefit	_		_
Net-of-tax amount	(397)	(232)	(2,132)
Total other comprehensive income	¥ (2,331)	¥ (3,150)	\$ (28,945)

#### 9. RETIREMENT BENEFIT PLANS

The Company and its domestic consolidated subsidiaries have defined benefit corporate pension plans and a lump-sum payment retirement benefit plans. Additional benefits may be granted to employees according to the conditions under which termination of employment occurs. Certain consolidated subsidiaries use the simplified method for calculation of retirement benefit obligation. Certain subsidiaries have defined contribution plans.

The changes in the retirement benefit obligation during the years ended March 31, 2019 and 2020 are as follows:

	2019	2020	2020
	(Millions	(Thousands of U.S. dollars)	
Balance at the beginning of the year	¥ 38,483	¥ 39,897	\$ 366,599
Service cost	1,869	2,056	18,892
Interest cost	244	251	2,306
Actuarial gain or loss	487	(573)	(5,265)
Retirement benefits paid	(1,185)	(1,743)	(16,016)
Others	(1)	(1)	(9)
Balance at the end of the year	¥ 39,897	¥ 39,887	\$ 366,507

The changes in plan assets during the years ended March 31, 2019 and 2020 are as follows:

	2019	2020	2020
	(Millions	(Thousands of U.S. dollars)	
Balance at the beginning of the year	¥ 25,757	¥ 27,409	\$ 251,852
Expected return on plan assets	625	545	5,008
Actuarial gain or loss	(619)	(1,324)	(12,166)
Employer contributions	2,297	1,758	16,154
Retirement benefits paid	(648)	(1,064)	(9,777)
Others	(3)	<b>(7)</b>	(65)
Balance at the end of the year	¥ 27,409	¥ 27,317	\$ 251,006

The changes in liability for retirement benefits accounted for by the simplified method during the years ended March 31, 2019 and 2020 are as follows:

	2	2019		2019 <b>2020</b>		2020		2020
	(Millions of yen)				(Thousands of U.S. dollars)			
Balance at the beginning of the year	¥	7,049	¥	7,253	\$	66,645		
Retirement benefit expenses		1,017		1,114		10,236		
Retirement benefits paid		(542)		(561)		(5,155)		
Contributions for the plans		(271)		(261)		(2,298)		
Balance at the end of the year	¥	7,253	¥	7,545	\$	69,328		



The following table sets forth the funded status of the plans and the amounts recognized in the consolidated balance sheets as of March 31, 2019 and 2020 for the defined benefit plans:

	2019	2020	2020
	(Millions	(Thousands of U.S. dollars)	
Funded retirement benefit obligation	¥ 48,134	¥ 48,257	\$ 443,417
Fair value of plan assets	(31,075)	(31,081)	(285,592)
•	17,059	17,176	157,825
Unfunded retirement benefit obligation	2,682	2,939	27,005
Net liability for retirement benefits in the consolidated balance sheets	¥ 19,741	¥ 20,115	\$ 184,830
Liability for retirement benefits	¥ 19,741	¥ 20,115	\$ 184,830
Net liability for retirement benefits in the consolidated balance sheets	¥ 19,741	¥ 20,115	\$ 184,830

The components of retirement benefit expenses for the years ended March 31, 2019 and 2020 are as follows:

	2019		2	020		2020
	(Millions of yen)				(Thousands of U.S. dollars)	
Service cost	¥	1,869	¥	2,056	\$	18,892
Interest cost		244		251		2,306
Expected return on plan assets		(625)		(545)		(5,008)
Amortization of unrecognized actuarial gain or loss		53		156		1,433
Amortization of prior service cost		(25)		(23)		(211)
Retirement benefit expenses accounted for by the simplified method		1,017		1,114		10,237
Retirement benefit expenses on the defined benefit plan	¥	2,533	¥	3,009	\$	27,649

The components of remeasurements of defined benefit plans included in other comprehensive income (before tax effect) for the years ended March 31, 2019 and 2020 are as follows:

	2019		2019		2019		2019		2019		2019		2019		2019		2019		2019		2019 <b>2020</b>		2	2020
		(Millions	(Thousands of U.S. dollars)																					
Prior service cost	¥	25	¥	23	\$	211																		
Actuarial gain or loss		1,066		594	"	5,458																		
Total	¥	1,091	¥	617	\$	5,669																		

Remeasurements of defined benefits plans included in accumulated other comprehensive income (before tax effect) as of March 31, 2019 and 2020 are as follows:

	20	)19	2020			
		(Millions	(Thousands of U.S. dollars)			
Unrecognized prior service cost	¥	(155)	¥	(132)	\$	(1,213)
Unrecognized actuarial gain or loss		2,025		2,619		24,065
Total	¥	1,870	¥	2,487	\$	22,852

The fair value of plan assets, by major category, as a percentage of total plan assets as of March 31, 2019 and 2020 is as follows:

	2019	2020
General account	33%	34%
Domestic bonds	22%	22%
Foreign stocks	15%	11%
Domestic stocks	10%	7%
Foreign bonds	8%	15%
Others	12%	11%
Total	100%	100%

The ratio of the retirement benefit trust, set to the corporate pension plan, in the total fair value of plan assets is 3% and 2% at March 31, 2019 and 2020, respectively.

The expected return on assets is estimated based on the anticipated allocation to each asset category and the expected long-term returns on assets held in each category.

The assumptions used in accounting for the above plans were as follows:		
	2019	2020
Discount rate	1.0%	1.0%
Expected rate of return on plan assets	1.0%	1.0%

Required contribution of the consolidated subsidiaries for the defined contribution plans for the years ended March 31, 2019 and 2020 is as follows:

	2019	2020	2020
	(Million	ns of yen)	(Thousands of U.S. dollars)
Required contribution	¥ 44	¥ 86	<b>\$</b> 790

#### 10. INCOME TAXES

Significant components of deferred tax assets and liabilities at March 31, 2019 and 2020 are as follows:

	2019	2020	2020	
	(Millions o	f yen)	(Thousands of U.S. dollars)	
Deferred tax assets:				
Tax loss carry forwards	¥ 6,340	¥ 5,660	\$ 52,008	
Net defined benefit liabilities	5,987	6,005	55,178	
Accrued bonuses	2,063	2,030	18,653	
Unrealized intercompany loss	1,962	1,962	18,028	
Allowance for doubtful accounts	1,417	202	1,856	
Loss on disposal of fixed assets	94	64	588	
Other	7,179	9,919	91,142	
Gross deferred tax assets	25,042	25,842	237,453	
Valuation allowance for tax loss carry forwards	(6,292)	(5,631)	(51,741)	
Valuation allowance for deductible temporary differences	(6,818)	(6,295)	(57,843)	
Total Valuation allowance	(13,110)	(11,926)	(109,584)	
Total deferred tax assets, net of valuation allowance	11,932	13,916	127,869	
Deferred tax liabilities:				
Undistributed retained earnings of subsidiaries and associates	(1,841)	(1,851)	(17,008)	
Unrealized gain on securities	(1,244)	(888)	(8,160)	
Revaluation gain on subsidiaries	(974)	(974)	(8,950)	
Unrealized intercompany gain	(907)	(902)	(8,288)	
Other	(477)	(468)	(4,300)	
Total deferred tax liabilities	(5,443)	(5,083)	(46,706)	
Net deferred tax assets-	¥ 6,489	¥ 8,833	\$ 81,163	



Notes: A breakdown of tax loss carry forwards and valuation allowance by expiry date as of March 31, 2019 and 2020 is as follows:

							2	2019						
	Due within 1 year		within year throug		Due after 2 years through 3 years		Due after 3 years through 4 years		Due after 4 years through 5 years		Due after 5 years		Т	'otal
							(Millio	ns of yen)						
Tax loss carry forwards	¥	233	¥	2,745	¥	527	¥	1,040	¥	431	¥	1,364	¥	6,340
Valuation allowance		(233)		(2,697)		(527)		(1,040)		(431)		(1,364)		(6,292)
Deferred tax assets	¥	_	¥	48	¥	_	¥	_	¥	_	¥	_	¥	48 (b)

							2	020						
	Due within 1 year		within year t		ear through years th		e after 2 Due after through years through years 4 year		s through years through		Due after 5 years			Total
							(Millio	ns of yen)						
Tax loss carry forwards	¥	2,649	¥	378	¥	911	¥	398	¥	164	¥	1,160	¥	5,660
Valuation allowance		(2,649)		(349)		(911)		(398)		(164)		(1,160)		(5,631)
Deferred tax assets	¥	_	¥	29	¥	_	¥	_	¥	_	¥	_	¥	29 (b)

		2020											
	Due within 1 year		Due after 1 Due after years through 2 years 3 years		rs through	year	ne after 3 rs through 4 years	year	ne after 4 es through 5 years	Due after 5 years		To	otal
		(Thousands of U.S. dollars)											
Tax loss carry forwards	\$ 24,341	\$	3,473	\$	8,371	\$	3,657	\$	1,507	\$ 1	10,659	\$ 5	52,008
Valuation allowance	(24,341)		(3,206)		(8,371)		(3,657)		(1,507)	(1	10,659)	(5	51,741)
Deferred tax assets	<b>\$</b> —	\$	267	\$	_	\$	_	\$	_	\$	_	\$	267 (b)

⁽a) The amount is determined by multiplying the corresponding tax loss carry forwards by the effective statutory tax rate.

Deferred tax assets and liabilities that comprise net deferred tax assets are included in the following accounts of the accompanying consolidated balance sheets:

	20	19	2020			2020
		(Millions	(Thousands of U.S. dollars)			
Deferred tax assets (investments and other assets)	¥	6,618	¥	8,981	\$	82,523
Other long-term liabilities		(129)		(148)		(1,360)



⁽b) The Company considers these deferred tax assets recoverable based on the expected future taxable income.

A reconciliation of the differences between the effective statutory income tax rate and the effective income tax rate for the years ended March 31, 2019 and 2020 was summarized as follows:

	2019	2020
Effective statutory income tax rate	_	30.6
Increase (decrease) in taxes resulting from:		
Effect of special tax exemption		(3.0)
Change in valuation allowance		(2.2)
Effect of tax rate difference of foreign subsidiaries		(1.3)
Foreign tax credit		(1.0)
Inhabitant taxes per capital		1.3
Permanently non-deductible expenses		1.4
Other		(0.2)
Effective income tax rate		25.6

Since the difference between the effective statutory income tax rate and the effective income tax rate was equal or less than 5% of the effective statutory income tax rate, the reconciliation for the year ended March 31, 2019 is not presented.

#### 11. APPROPRIATIONS OF RETAINED EARNINGS

Directors on October 30, 2018

(1) The following appropriation (cash dividends) was approved and recorded for the year ended March 31, 2019 and 2020, respectively:

			2019			
Resolution made at	Type of shares	Total dividends (Millions of yen)	Dividends per share (yen)	Source of dividends	Cut-off date	Effective date
The ordinary general meeting of shareholders on June 26, 2018	Common stock	¥2,478	¥4.00	Retained earnings	March 31, 2018	June 27, 2018
The meeting of the Board of	Common	¥2,478	¥4.00	Retained	September	December 3,

earnings

30, 2018

2018

			2020					
Resolution made at	Type of shares	Total dividends (Millions of yen)	Total dividends (Thousands of U.S. dollars)	Dividends per share (yen)	Dividends per share (U.S. dollars)	Source of dividends	Cut-off date	Effective date
The ordinary general meeting of shareholders on June 25, 2019	Common stock	¥3,097	\$28,457	¥5.00	\$0.05	Retained earnings	March 31, 2019	June 26, 2019
The meeting of the Board of Directors on November 5, 2019	Common stock	¥2,477	\$22,760	¥4.00	\$0.04	Retained earnings	September 30, 2019	December 2, 2019

(2) Dividends with the cut-off date in the year ended March 31, 2020 and the effective date in the year ending March 31, 2021 are as follows:

			2020					
Resolution made at	Type of shares	Total dividends (Millions of yen)	Total dividends (Thousands of U.S. dollars)	Dividends per share (yen)	Dividends per share (U.S. dollars)	Source of dividends	Cut-off date	Effective date
The ordinary general meeting of shareholders on June 24, 2020	Common stock	¥3,097	\$28,457	¥5.00	\$0.05	Retained earnings	March 31, 2020	June 25, 2020

The Company is required to obtain the approval of shareholders at an ordinary general meeting of shareholders for appropriations of retained earnings in conformity with the Corporation Law. Appropriations of retained earnings are, therefore, not recorded in the consolidated financial statements for the year which the cut-off date of dividend belongs to, but are recorded in the consolidated financial statements in the subsequent year after shareholders' approval has been obtained.



#### 12. REVALUATION SURPLUS

A consolidated subsidiary of the Company revalued its land used for business purposes in accordance with the Land Revaluation Law. The Company recognized its portion of consolidated subsidiary's revaluation surplus in net assets.

#### 13. DERIVATIVES

In the normal course of business, the Company and its consolidated subsidiaries utilize various derivative financial instruments in order to manage the exposure to fluctuation in foreign currency exchange rates, interest rates and the prices of aluminum ingot in the market. The Company and its consolidated subsidiaries do not hold or issue derivative financial instruments for trading purposes.

#### 14. NOTES TO CONSOLIDATED STATEMENT OF INCOME

#### *Inventories*

The amount of inventories written down due to a decline in profitability for the years ended March 31, 2019 and 2020 was \$(331) million and \$151 million (\$1,387 thousand), respectively which is included in cost of sales.

#### Selling, general and administrative expenses

Main components of selling, general and administrative expenses for the year ended March 31, 2019 and 2020 were as follows:

	2019	2020	2020
	(Millions of	(Thousands of U.S. dollars)	
Freight charges	¥13,028	¥12,773	\$117,367
Salaries, allowances and bonuses	20,433	20,463	188,027

#### Research and Development

Research and development costs charged to cost of sales and selling, general and administrative expenses for the years ended March 31, 2019 and 2020 were ¥5,447 million and ¥5,867 million (\$53,910 thousand), respectively.

#### 15. LEASE TRANSACTIONS

#### Lessees' accounting

Future minimum lease payments subsequent to March 31, 2020 for noncancelable operating leases are summarized as follows:

	2019	2020	2020		
	(Millions o	f yen)	(Thousands of U.S. dollars)		
2021	_	¥1,530	\$14,059		
2022 and thereafter	_	9,437	86,713		
Total	_	10,967	100,772		

#### 16. CONTINGENT LIABILITIES

#### 1) Guarantee obligations

Contingent liabilities at March 31, 2019 and 2020 are \$1,391 and \$1,970 million (\$18,102 thousand), respectively, for loans guaranteed and other guarantees given in the ordinary course of business.



#### 2) Contingent liabilities regarding environmental measures

Heavy rain from typhoon No. 10 and No.19 in August and October 2019 respectively caused the water level of the Amehata River, upstream of the Amehata Dam in Hayakawa-cho, Minamikoma-gun, Yamanashi Prefecture which is possessed by the company's consolidated subsidiaries Nippon Light Metal Company, Ltd. to rise. As a result of that, the Amehata River overflowed its banks and flooded surrounding areas.

For residents' safety, emergency response measures for area recovery and flood prevention have been prioritized and carried out with help from relevant parties. Furthermore, fundamental measures against reservoir sedimentation are also being developed under guidance from Ministry of Land, Infrastructure, Transport and Tourism.

Nippon Light Metal Company, Ltd. has taken the situation seriously and established a discussion group consisted of 4 parties: Nippon Light Metal Company, Ltd., Ministry of Land, Infrastructure, Transport and Tourism, Yamanashi Prefecture and Hayakawa-cho. The group has discussed and later on approved the measures regarding Amehata area mentioned above.

The plan for measures against reservoir sedimentation from fiscal year ending March 31, 2021 to March 31, 2022 can be estimated and recorded in the consolidated balance sheet as provision for environmental measures. It should be noted that the plan after fiscal year ending March 31, 2023 is not recorded in the consolidated financial statements since it still remains difficult to be estimated due to some issues about disposal methods of sediment released from the reservoir.

#### 17. LOSS ON IMPAIRMENT OF FIXED ASSETS

The consolidated subsidiaries recognized ¥957 million of loss on impairment of fixed assets in the consolidated statements of income, and the significant items of such impairment loss for the year ended March 31, 2019 were as follows:

2019										
Location	Asset category	(Millions of yen)								
Guangdong, China	Operating assets	Buildings and structures	¥367							
		Machinery and equipment	450							
		Tools, furniture and fixtures	48							
		Others	47							
Total			¥912							

Since the cash flows generated from operating activities resulting from the use of the groups of assets have become extremely worse, the consolidated subsidiaries recognized an impairment loss of \$912 million, measured by the net realizable value (mainly based on the real estate appraisal value), as a result of noting a sign of impairment and evaluating a necessity of the impairment loss recognition.

The consolidated subsidiaries have grouped the operating assets by independent operating divisions which generate cash flows, the rental assets by administrative business divisions, and idle assets by individual asset itself.

#### 18. ENVIRONMENTAL EXPENSES

To ensure safety in the area around the Amehata Dam in Hayakawa-cho, Minamikoma-gun, Yamanashi Prefecture which is possessed by the company's consolidated subsidiaries Nippon Light Metal Company, Ltd., they have tackled and carried out the plan for fundamental measures against reservoir sedimentation. The plan from fiscal year ending March 31, 2021 to March 31, 2022 can be estimated and recorded in the consolidated statements of income as environmental expenses, special losses. Environmental expenses for the fiscal year ending March 31, 2020 is ¥11,000 million (\$101,075 thousand). ¥10,609 million (\$97,482 thousand) of that is for provision for environmental measures.



#### 19. AMOUNTS PER SHARE

Net profit and net assets per share as of March 31, 2019 and 2020 and for the years then ended were summarized as follows:

#### 1. Number of shares

	2019	2020			
	(Thousands of shares)				
Weighted average number of shares	619,221	619,214			
Effect of convertible bonds	_	_			
Diluted number of shares	619,221	619,214			

#### 2. Net profit per share

	2019	2020		2020	
	(Millions	of yen)	(Thousands of U.S. dollars)		
Net profit	¥ 20,560	¥ 7,476	\$	68,694	
	2019 <b>2020</b>		2020		
	(ye	n)	(U.:	S. dollars)	
Net profit per share	¥ 33.20	¥ 12.07	\$	0.11	
Diluted net profit per share	¥ —	¥ —	\$	_	

#### 3. Net assets per share

	2019	2020	2	2020
	(Million:		sands of dollars)	
Total net assets	¥202,735	¥201,198	\$1,8	48,736
Non-controlling interests	(14,881)	(14,923)	(1	37,122)
Net assets attributable to shares of common stock	¥187,854	\$1,711,614		
	2019	2020	2	2020
	(ye	(U.S. dollars)		
Net assets per share	¥ 303.37	¥ 300.83	\$	2.76

#### 20. SEGMENT INFORMATION

#### (1) Outline of reportable segments

The reportable segments are components of the Company and its consolidated subsidiaries, for which their discrete financial information is available, and whose operating results are regularly reviewed by the Board of Directors to make decisions about resources to be allocated to the segments and assess their performance.

The Company and its consolidated subsidiaries operate under four distinct business segments mainly in Japan: "Aluminum ingot and chemicals," "Aluminum sheet and extrusions," "Fabricated products and others" and "Aluminum foil, powder and paste."

The "Aluminum ingot and chemicals" segment supplies aluminum remelted ingot used for various industrial materials, and produces a wide spectrum of alumina and alumina hydrates ranging from raw materials to basic materials for ceramic compounds. The "Aluminum sheet and extrusions" segment produces sheet, coil and extrusion products consisting primarily of shapes, tubes and rods. The "Fabricated products and others" segment produces a variety of products which include wing bodies for transport vehicles, automobile components and

electronic materials. The "Aluminum foil, powder and paste" segment produces aluminum foil and aluminum powder used for various fields, such as daily necessaries, energy, electronics and automobile. "Adjustment" includes unallocated operating expenses and corporate assets not specifically related to reportable segments.

#### (2) Calculation method of net sales, profit or loss, assets and other items on each reportable segment

The accounting policies applied by each reportable segment are consistent with those described in "Note 1. Significant Accounting Policies." Segment profit or loss presented in segment information is calculated based on operating income in the consolidated statements of income. Intersegment sales and transfer are determined based on market value.

#### (3) Information on net sales, profit or loss, assets and other items by each reportable segment Reportable segment information for the years ended March 31, 2019 and 2020 were as follows:

			20	19		
		The reportal	le segments			
	Aluminum ingot and chemicals	Aluminum sheet and extrusions	Fabricated products and others	Aluminum foil, powder and paste	Adjustment (Note 1)	Consolidated
			(Millions	s of yen)		
Net sales						
Customers	¥ 117,008	¥107,835	¥ 180,259	¥ 95,349	¥ —	¥ 500,451
Intersegment	48,272	25,149	13,685	522	(87,628)	_
Total	165,280	132,984	193,944	95,871	(87,628)	500,451
Segment profit (Note2)	¥ 9,616	¥ 7,152	¥ 11,681	¥ 5,114	¥ (3,511)	¥ 30,052
Segment assets	¥ 129,876	¥114,630	¥ 168,023	¥ 100,110	¥ (31,336)	¥ 481,303
Depreciation and amortization	¥ 3,631	¥ 5,109	¥ 4,352	¥ 3,997	¥ 205	¥ 17,294
Amortization of goodwill	¥ —	¥ —	¥ 222	¥ —	¥ —	¥ 222
Loss on impairment of fixed assets	¥ —	¥ 40	¥ —	¥ 917	¥ —	¥ 957
Investment in equity-method affiliates	¥ 4,274	¥ 2,247	¥ 3,746	¥ 3,895	¥ —	¥ 14,162
Capital expenditures	¥ 12,142	¥ 5,037	¥ 6,050	¥ 6,484	¥ 213	¥ 29,926

(Note 1). Explanations of adjustments amounts are as follows.

- 1) Adjustments of Y(3,511) million in segment profit are general corporate expenses.
- 2) Adjustments of \(\frac{4}{3},336\) million in segment assets include \(\frac{4}{3},063\) million in the elimination of transactions between segments and ¥15,727 million in corporate assets.
- 3) Adjustments of ¥205 million in depreciation and amortization expenses are mainly composed of those of corporate assets.
- 4) Adjustments of ¥213 million for capital expenditures are the increase in corporate assets.

(Note 2). Segment profits (losses) were reconciled to operating income (loss) in the consolidated statements of income.



						20	20					
				The reportal	ole segn	nents						
	Aluminum ingot and chemicals		Aluminum sheet and extrusions		Fabricated products and others		Aluminum foil, powder and paste		Adjustment (Note 1)		Consolidate	
						(Million	s of ye	n)				
Net sales												
Customers	¥	102,833	¥	101,193	¥1	72,975	¥	88,945	¥	_	¥ 4	65,946
Intersegment		36,581		23,051		14,396		452		(74,480)		_
Total	:	139,414		124,244	1	87,371		83,397		(74,480)	4	65,946
Segment profit (Note2)	¥	10,902	¥	3,556	¥	10,440	¥	3,074	¥	(3,365)	¥	24,607
Segment assets	¥	120,144	¥	107,904	¥1	67,400	¥	95,027	¥	(20,471)	¥ 4	<b>£70,00</b> 4
Depreciation and amortization	¥	3,942	¥	5,486	¥	4,517	¥	4,420	¥	329	¥	18,694
Amortization of goodwill	¥	_	¥	_	¥	444	¥	_	¥	_	¥	444
Loss on impairment of fixed assets	¥	_	¥	_	¥	_	¥	_	¥	_	¥	_
Investment in equity-method affiliates	¥	3,968	¥	2,184	¥	3,168	¥	3,984	¥	_	¥	13,304
Capital expenditures	¥	6,596	¥	7,246	¥	7,781	¥	8,179	¥	176	¥	29,978
						20	20					
				The reportal	ole segm		20					
		Aluminum ingot and chemicals		Aluminum sheet and extrusions	F	abricated oducts and others		Aluminum foil, powder and paste		Adjustment (Note 1)	Co	onsolidate

						20	20				
				The reportal	ole segi	ments					
	Alumi ingot chem	and		Aluminum sheet and extrusions		Fabricated roducts and others		Aluminum foil, powder and paste	Adjustment (Note 1)	(	onsolidated
	(Thousands of U.S. dollars)										
Net sales											
Customers	\$ 944	,895	\$	929,827	<b>\$</b> 1	,589,405	\$	817,284	\$ _	\$4	,281,411
Intersegment	336	,130		211,807		132,280		4,153	(684,370)		_
Total	1,281	,025	1	,141,634	1	,721,685		821,437	(684,370)	4	,281,411
Segment profit (Note2)	\$ 100	,175	\$	32,675	\$	95,929	\$	28,246	\$ (30,920)	\$	226,105
Segment assets	\$1,103	,961	\$	991,491	\$1	,538,179	\$	873,169	\$ (188,101)	\$4	,318,699
Depreciation and amortization	\$ 36	,222	\$	50,408	\$	41,505	\$	40,614	\$ 3,023	\$	171,772
Amortization of goodwill	\$	_	\$	_	\$	4,080	\$	_	\$ _	\$	4,080
Loss on impairment of fixed assets	\$	_	\$	_	\$	_	\$	_	\$ _	\$	_
Investment in equity-method affiliates	\$ 36	,461	\$	20,068	\$	29,110	\$	36,607	\$ _	\$	122,246
Capital expenditures	\$ 60	,608	\$	66,581	\$	71,497	\$	75,154	\$ 1,617	\$	275,457

(Note 1). Explanations of adjustments amounts are as follows.

¹⁾ Adjustments of \$(3,365) million (\$(30,920) thousands) in segment profit are general corporate expenses.

- 2) Adjustments of  $\frac{1}{2}(20,471)$  million ( $\frac{188,101}{188,101}$ ) thousands) in segment assets include  $\frac{1}{2}(42,065)$  million ( $\frac{386,521}{188,101}$ ) thousands) in the elimination of transactions between segments and  $\frac{1}{2}(21,594)$  million ( $\frac{3198,420}{189,420}$ ) thousands) in corporate assets.
- 3) Adjustments of ¥329 million (\$3,023 thousands) in depreciation and amortization expenses are mainly composed of those of corporate assets.
- 4) Adjustments of ¥176 million (\$1,617 thousands) for capital expenditures are the increase in corporate assets.

(Note 2). Segment profits (losses) were reconciled to operating income (loss) in the consolidated statements of income.

Geographical sales for the years ended March 31, 2019 and 2020 were summarized as follows:

2019				2020			2020				
Japan	Other	Total	Japan	Other	Total		Japan	Other	Total		
(Millions of yen)				(Millions of yen)			(Thousands of U.S. dollars)				
¥400,889	¥99,562	¥500,451	¥377,729	¥88,217	¥465,946	\$3	3,470,817	\$810,594	\$4,281,411		

Geographical property, plant and equipment as of March 31, 2019 and 2020 were summarized as follows:

	2019			2020		2020				
Japan	Other	Total	Japan	Other	Total	Japan	Other	Total		
	(Millions of yen)	_		(Millions of yen)		(Thousands of U.S. dollars)				
¥147,525	¥17,043	¥164,568	¥157,287	¥16,470	¥173,757	\$1,445,254	\$151,337	\$1,596,591		

Information on amortization of goodwill and unamortized balance by each reportable segment as of March 31, 2019 and 2020 for the years then ended were as follows:

	2019											
	The reportable segments											
	Aluminum ingot and chemicals		Aluminum sheet and extrusions		Fabricated products and others		Aluminum foil, powder and paste		Adju	ıstment	Con	solidated
	(Millions of yen)											
Amortization of goodwill	¥	_	¥	_	¥	222	¥	_	¥	_	¥	222
Balance as of March 31	¥		¥	_	¥	1,999	¥	_	¥		¥	1,999

	2020											
	The reportable segments											
	ing	minum ot and micals	Aluminum sheet and extrusions		Fabricated products and others		Aluminum foil, powder and paste		Adjustment		Consolidated	
					(Millions of yen)							
Amortization of goodwill	¥	_	¥	_	¥	444	¥	_	¥	_	¥	444
Balance as of March 31	¥	_	¥	_	¥	1,555	¥	_	¥	_	¥	1,555

					202	20				
	The reportable segments									
	Aluminum ingot and chemicals		Aluminum Fabricated sheet and products and extrusions others		Aluminum foil, powder and paste		Adjustment		Consolidated	
	(Thousands of U.S. dollars)			rs)						
Amortization of goodwill	\$	_	\$	_	\$ 4,080	\$	_	\$	_	\$ 4,080
Balance as of March 31	\$	_	\$	_	\$ 14,288	\$	_	\$	_	\$ 14,288

#### 21. ADDITIONAL INFORMATION

The company isn't affected by the COVID-19 spread immediately so the impact from COVID-19 was considered small to the group's performance in the year ended March 31, 2020. This is due to the fact that the group has a wide range of business sectors and as a material supplier, our business is mainly conducted between companies, rather than between individual customers.

Regarding to consolidated financial statements ended March 31, 2020, although forecasting the size of COVID-19 impact is extremely difficult, we have made accounting estimates for impairment loss on fixed assets and deferred tax assets recoverability based on the assumption that most of both domestic and overseas business will recover in the second half of the next fiscal year ending March 2021. The result from this accounting estimate is not significant to consolidated financial statements.

#### 22. SIGNIFICANT EVENTS AFTER REPORTING PERIOD

#### Reverse stock split

At a meeting of the Board of Directors held on May 15, 2020, the Company resolved to propose to the 8th Annual General Meeting of Shareholders on reverse stock split and a change in the articles of incorporation, and these were approved at the Annual General Meeting of Shareholders held on June 24, 2020.

#### 1. Reason for the reverse stock splits

The total number of issued shares increased to 619,937,500 shares as of March 31, 2020 through transfer to common shares due to the exercise of purchasing rights for preferred stock that had been issued previously.

The Company considers this number of shares large when taking into account the business scale. The current stock price level is also far below the range per investment unit considered desirable by Tokyo Stock Exchange, Inc., which is equal to or greater than ¥50,000 and less than ¥500,000. In addition, the stock price volatility per ¥1 is relatively large and susceptible to sizable stock price fluctuations as a speculative investment. Therefore, the Company recognizes that the impact on all of the general investors is not low.

Taking these circumstances into consideration, the Company proposes a one-for-ten reverse stock split.

#### 2. Matter of the reverse stock split

- (1) Type of stock subject to the reverse Common shares
- (2) Method and percentage of the reverse stock split

As of October 1, 2020, the Company will conduct a one-for-ten reverse split of common shares held by the shareholders listed on the last shareholder register on September 30, 2020.

#### (3) Number of shares to be decreased due to the reverse stock split

Total number of issued shares before the reverse stock split (as of March 31, 2020)	619,937,500 shares
Number of shares to be decreased due to reverse stock split	557,943,750 shares
Total number of issued shares after the reverse stock split	61,993,750 shares

Note: "Number of shares to be decreased due to the reverse stock split" and "Total number of issued shares after the reverse stock split" are the theoretical values. These are multiplied by the Total number of issued shares before the reverse stock split and the percentage of reverse stock split.

#### (4) Total number of issuable shares after the reverse stock split

Total number of issuable shares before the reverse stock split (as of March 31, 2020)	2,000,000,000 shares
Total number of issuable shares after the reverse stock split	200,000,000 shares

#### 3. Treatment in cases where fractions of less than one hare occur

If any fraction of less than one share occurs as a result of this share reverse stock split, it shall be disposed altogether under the provisions of the Companies Act and the disposal fee will be distributed to shareholders who have fractions according to the percentage of the fraction.

#### 4. Schedule of the reverse stock splitr

Date of resolution of the Board of Directors	May 15, 2020
Date of resolution of Shareholders meeting	June 24, 2020
Effective date of the reverse stock split	October 1, 2020

#### 5. Effect on per share information

Assuming that the reverse stock split had taken place at the beginning of the year ended March 31, 2019, per share information for the years ended March 31, 2019 and 2020 would be as follows:

	March 31,				
	2019	2020	2020		
	(у	en)	(U.S. dollars)		
Per share of common stock					
Net assets	¥ 3,033.74	¥ 3,008.26	<b>\$ 27.64</b>		
Net profit	332.30	120.73	1.11		
Diluted net profit	_	_	_		



### **Report Of Independent Auditors**



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#### Independent Auditor's Report

The Board of Directors Nippon Light Metal Holdings Company, Ltd.

#### Opinion

We have audited the accompanying consolidated financial statements of Nippon Light Metal Holdings Company and its subsidiaries (the Group), which comprise the consolidated balance sheet as at March 31, 2020, and the consolidated statement 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.

#### Emphasis of Matter

We draw attention to Note 16.Contingent Liabilities 2) Contingent liabilities regarding environmental measures to the consolidated financial statements, which describes among the plan for measures against reservoir sedimentation for the Amehata Dam which is possessed by the company's consolidated subsidiaries Nippon Light Metal Company, Ltd. The plan after fiscal year ending March 31, 2023 is not recorded in the consolidated financial statements since it still remains difficult to be estimateddue to some issues about disposal methods of sediment released from the reservoir. Our opinion is not qualified in respect of this matter.

#### Responsibilities of Management, the Corporate Auditor and the Board of Corporate Auditors 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.

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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 Corporate Auditor and the Board of Corporate Auditors 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

- · 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.



### **Report Of Independent Auditors**





We communicate with the Corporate Auditor and the Board of Corporate Auditors 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 Corporate Auditor and the Board of Corporate Auditorswith 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.

#### Conflicts of Interest

We have no interest in the Group which should be disclosed in accordance with the Certified Public Accountants Act.

#### 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 Note3 to the consolidated financial statements.

Ernst & Young ShinNihon LLC Tokyo, Japan June 24, 2020

Yusake Nakamura

Designated Engagement Partner Certified Public Accountant

Mikiya Arai

Designated Engagement Partner Certified Public Accountant

Mikio Shimizu

Designated Engagement Partner Certified Public Accountant

A member from of Cross & Young Clobal Limited





#### **OVERSEAS SUBSIDIARIES AND AFFILIATES**

#### North America

#### Nikkei MC Aluminum America,Inc.

Indiana, U.S.A. Aluminum alloys (60%)

#### Toyal America,Inc.

Illinois, U.S.A. Aluminum powder and paste (100%)

# Nippon Light Metal Georgia,Inc.

Georgia, U.S.A. Automobiles components (90%)

#### **Europe**

#### **Toyal Europe SASU**

Accous, France Aluminum powder and paste (100%)

#### **East Asia**

# Nikkei MC Aluminum (Kunshan)Co.,Ltd.

Jiangsu, China Aluminum alloys (85%)

#### Guangxi Zhengrun Nikkei High Purity Aluminium Technology Co.,Ltd.

Guangxi, China Aluminum high purity metal (49%)

# Nonfemet international (China-Canada-Japan) Aluminium Co., Ltd.

Shenzhen,China Aluminum extrusion (18%)

#### Toyo Precision Appliance(Kunshan)Co.,Ltd.

Jiangsu, China IT related case (85%)

## Shandong Nikkei Conglin Automotive Parts Co.,Ltd.

Shandong, China Automobiles components (55%)

#### Nikkei(Shanghai) Body Parts Co.,Ltd.

Jiangsu, China Automobiles components (100%)

## Shandong Conglin Fruehauf Automobile Co.,Ltd.

Shandong, China Trailers and trucks (50%)

## Hunan Ningxiang JiWeiXin Metal Powder Co.,Ltd.

Hunan, China Aluminum powder (90%)

#### Toyal Zhaoqing Co.,Ltd.

Guangdong, China Aluminum paste (90%)

#### Sam-A Aluminium Co.,Ltd.

Seoul, Korea Aluminum foil, paste (33.4%)

#### **Southeast Asia**

# Nikkei MC Aluminum (Thailand)Co.,Ltd.

Chachengsao, Thailand Aluminum alloys (79.4%)

#### CMR Nikkeik India Pvt, Ltd.

Bawal, India Aluminum alloys (26%)

#### Nikkei Siam Aluminium Ltd.

Pathumtani, Thailand Aluminum sheet, foil (100%)

#### Fruehauf Mahajak Co.,Ltd.

Bangkok, Thailand Trailers and trucks (70%)

#### **Toyal MMP India Pvt,Ltd.**

Nagpur, India Aluminum paste (74%)

# Directors And Officers

#### **Directors**

President

**Representative Director** 

Ichiro Okamoto

President and CEO of Nippon Light Metal Co., Ltd

**Directors** 

Toshihide Murakami

Yasunori Okamoto

Kaoru Kusumoto

President and CEO of Toyo Aluminium K.K.

Hiroyasu Hiruma

President and CEO of Nippon Fruehauf Co., Ltd.

Sho Adachi

President and Representative Director of Nikkeikin Kakoh Kaihatsu Holdings Co., Ltd.

Yoshihiro Tomioka

Toshikazu Tanaka

Masahito Saotome

Masato Ono*1

Ryoichi Hayashi*1

Haruo Ito*1

Toshihito Hayano*1

Keiko Tsuchiya*1

*1 Outside Director

#### **Audit & Supervisory Board Member**

Nobuo Matsumoto

Kotaro Yasuda

Masahiro Yoshida

Yoshiki Sato*2

Shintaro Kawai*2

Jinseki Kim*2

*2 Outside Member

#### **Officers**

Minoru Sotoike

Kazuto Sanada

Masakazu Ichikawa

Kazuyoshi Sugiyama

Satoshi Aso

# **Corporate Data**

#### **Company Name**

Nippon Light Metal Holdings Company, Ltd. https://www.nikkeikinholdings.co.jp

#### **Established**

October 1, 2012

#### **Paid-In Capital**

¥46,525 million

#### **Shares of Common Stock**

Authorized: 2,000,000,000 Issued: 619,937,500

#### **Number of Shareholders**

60,100

#### Stock Exchange Listings

Tokyo

#### **Transfer Agent of Common Stock**

Sumitomo Mitsui Trust Bank, Ltd.

#### Last Shareholders' Meeting

June 24, 2020

#### **Major Shareholders**

#### (Ratio of Stock Holding)

The Master Trust Bank of Japan, Ltd. (trust accounts) (10.9%)

Japan Trustee Services Bank, Ltd. (trust accounts) (7.5%)

The Dai-ichi Life Insurance Co.,Ltd. (3.2%)

Nikkei-Keiyu-Kai(2.7%)

The Light Metal Educational Foundation, Inc. (2.4%)

Japan Trustee Services Bank,Ltd (trust accounts 9)(2.2%)

Asahi Mutual Life Insurance Co. (2.1%)

SSBTC CLIENT OMNIBUS ACCOUNT (2.0%)

JPMC GOLDMAN SACHS TRUST JASDEC LENDING ACCOUNT (2.0%)

JP MORGAN CHASE BANK 385151 (1.8%)

(As of March 31, 2020)

#### **Cautionary Statement**

This annual report contains various projections and estimates. Important factors that could alter these projections and estimates include changes in the balance of aluminum supply and demand, fluctuations in the price of aluminum ingot and foreign exchange rates, as well as shifts in Japanese government policies and regulations. The Company cautions, therefore, that the projections and estimates contained herein involve risk and uncertainty, and that actual results could differ materially from those expressed or implied.



### https://www.nikkeikinholdings.co.jp

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