



CSR Data Book **2022**

Corporate Social Responsibility Data Book 2022

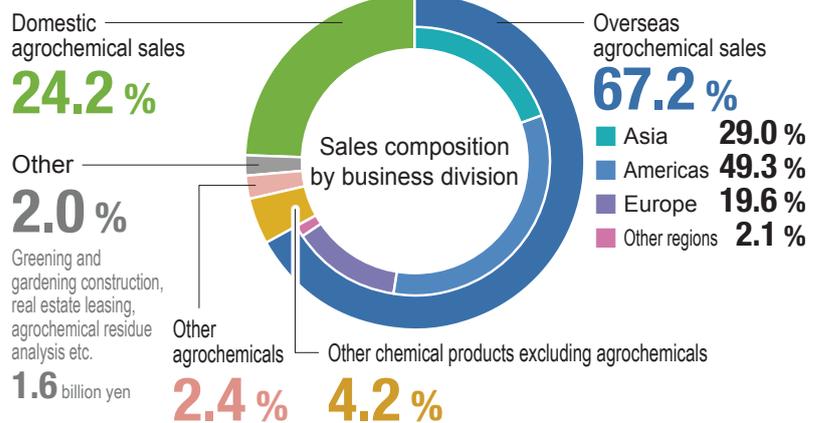
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>> Financial Highlights

Summary of Performance Results for FY2021 (Consolidated)

Sales	81.9 billion yen
Operating profit	6.6 billion yen
Ordinary profit	5.7 billion yen
Profit attributable to owners of parent	4.5 billion yen
ROE	7.1 %
Liabilities	51.2 billion yen
Net assets	66.9 billion yen
Total assets	118.2 billion yen
Equity ratio	55.5 %

Status by business division

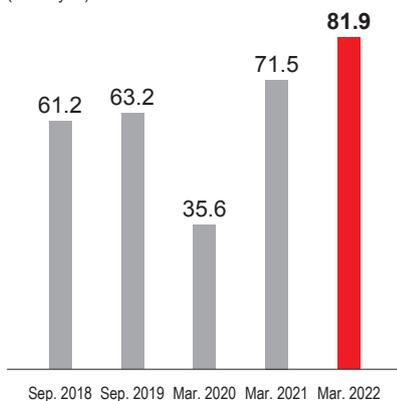


Mainstay products



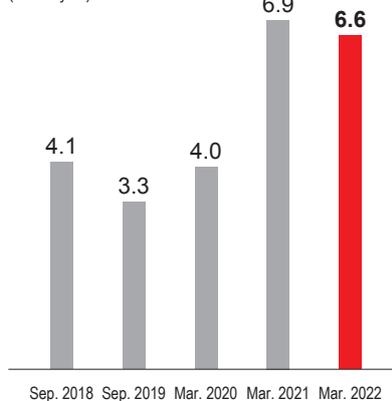
Sales

(billion yen)



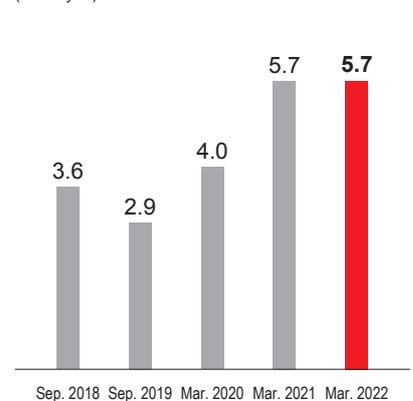
Operating profit

(billion yen)



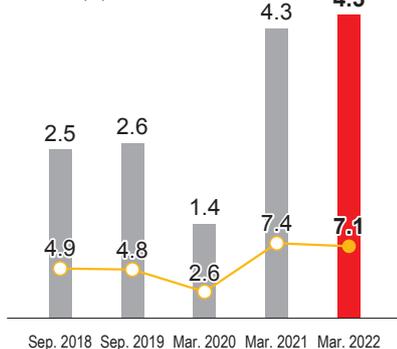
Ordinary profit

(billion yen)



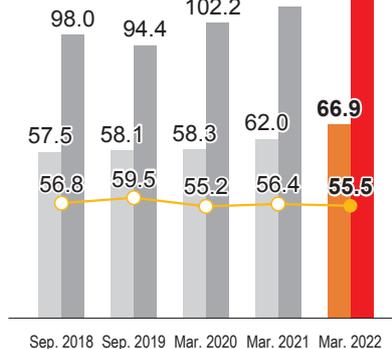
Profit attributable to owners of parent/ROE

■ Profit attributable to owners of parent (billion yen)
● ROE (%)



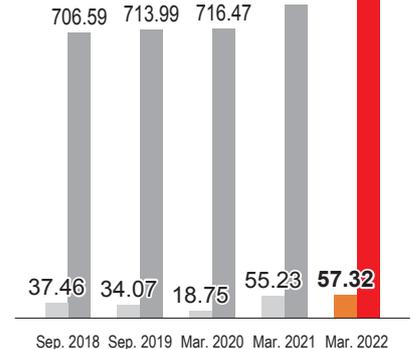
Net assets/Total assets/Equity ratio

■ Net assets (billion yen)
■ Total assets (billion yen)
● Equity ratio (%)



Earnings per share/Net assets per share

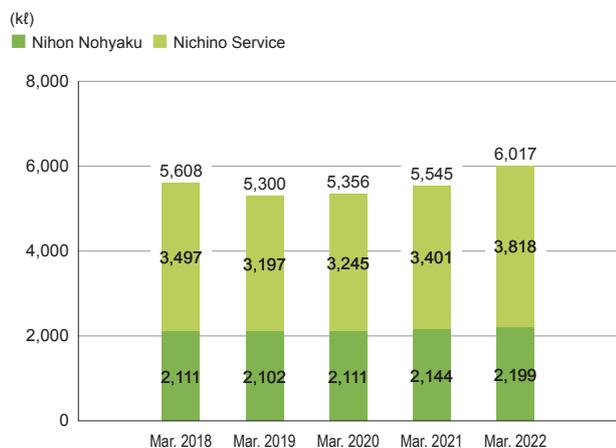
■ Earnings per share (yen)
■ Net assets per share (yen)



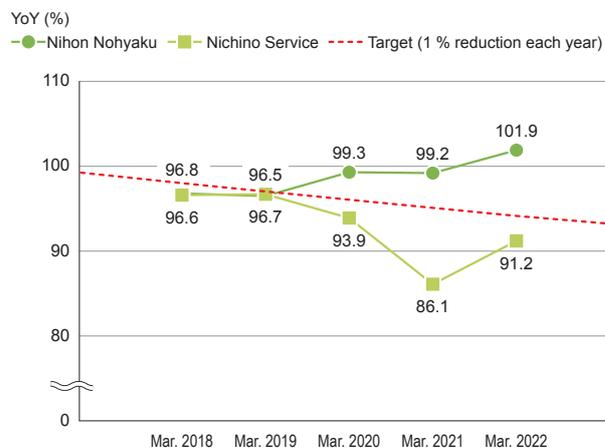
» Raising the Level of Environmental Management

Initiatives to Save Energy

● Domestic energy consumption (crude oil equivalent)



● Energy intensity (index for FY2016 set as 100)

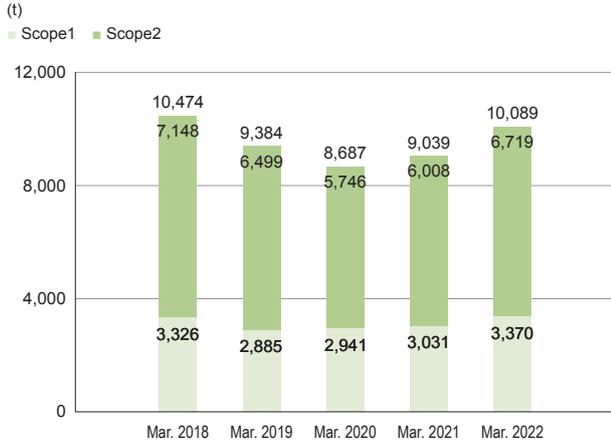


● Consumption by energy type

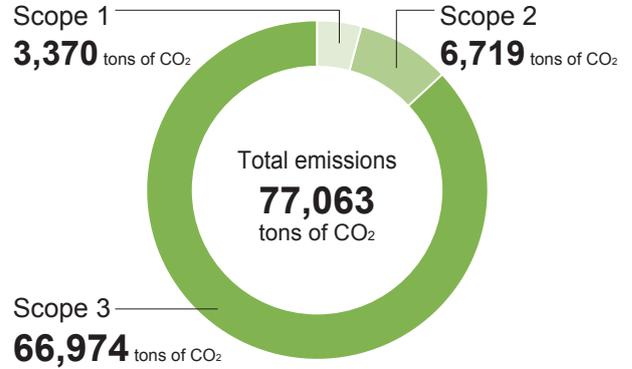
	Japan
	Nihon Nohyaku+Nichino Service
Gasoline	1.5 kℓ
Kerosene	31.2 kℓ
Light oil	3.1 kℓ
Heavy oil A	65.3 kℓ
LPG	0.7 t
LNG and city gas	1,382,000 m ³
Coal	0.0 t
Steam	18,100.1 GJ
Electricity	15,225.2 MWh

Initiatives to Reduce GHG Emissions

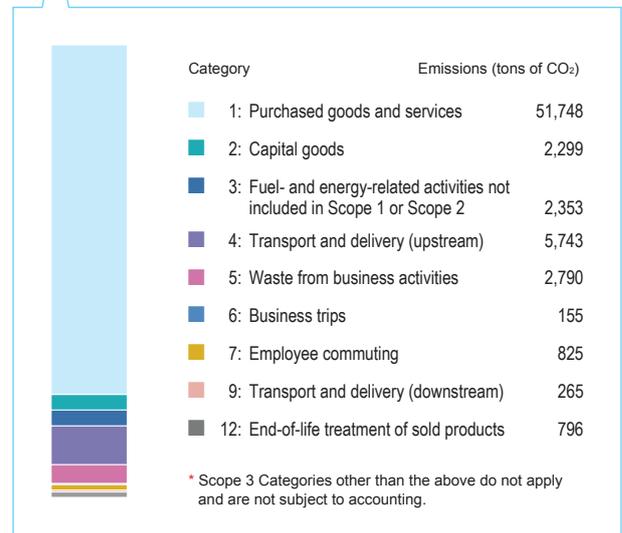
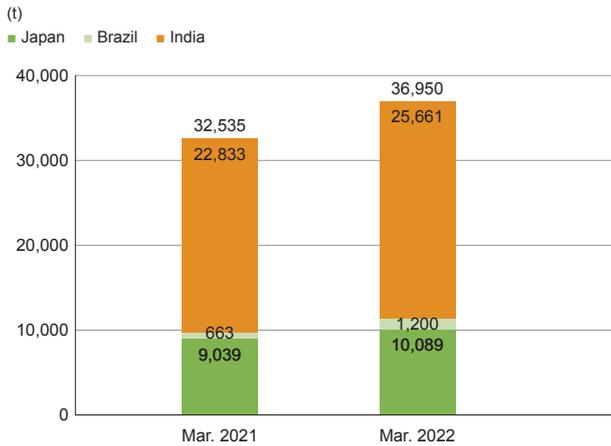
Domestic CO₂ emissions (Scope 1+2)



Domestic CO₂ emissions and breakdown by Scope

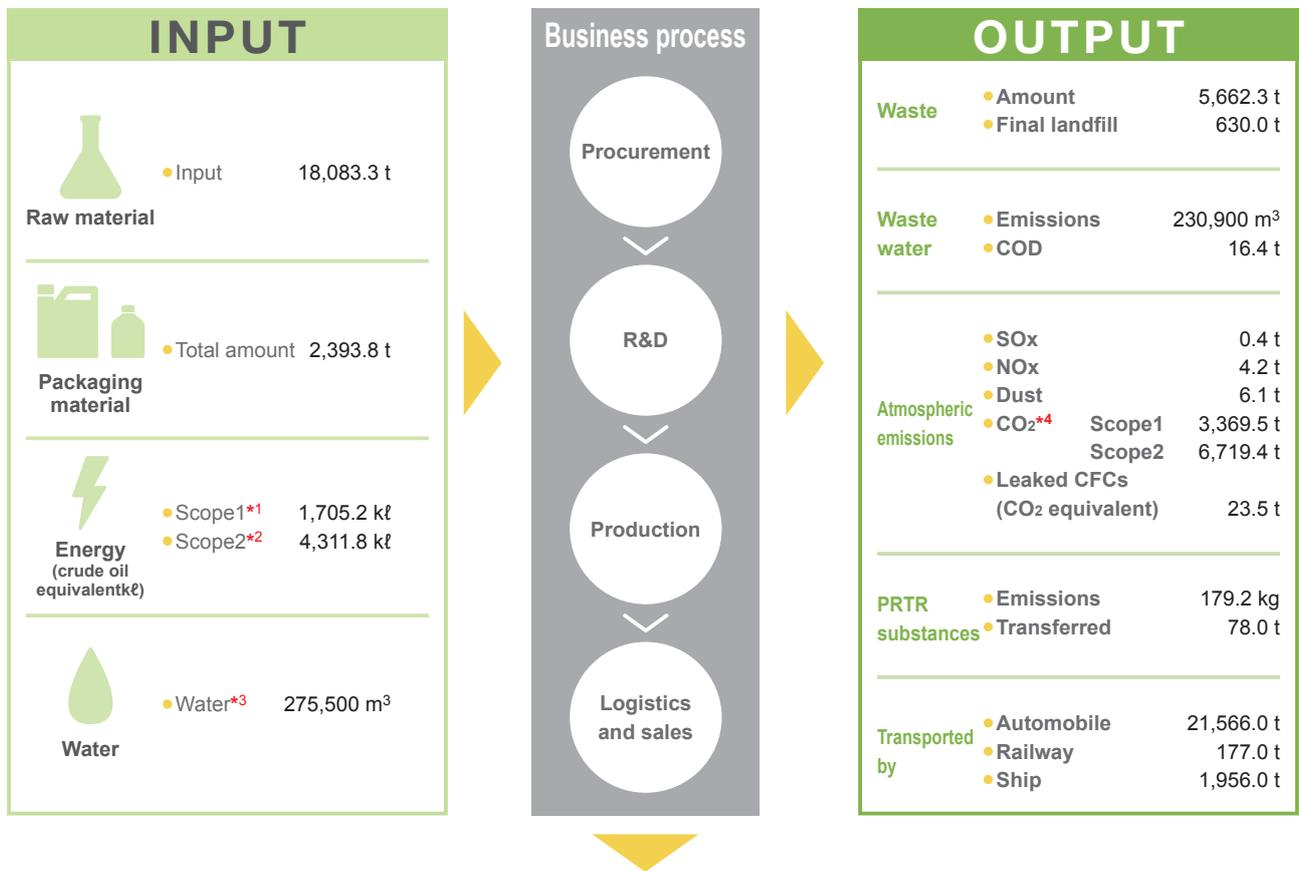


Global CO₂ emissions (Scope 1+2)



» Raising the Level of Environmental Management

Material Flow

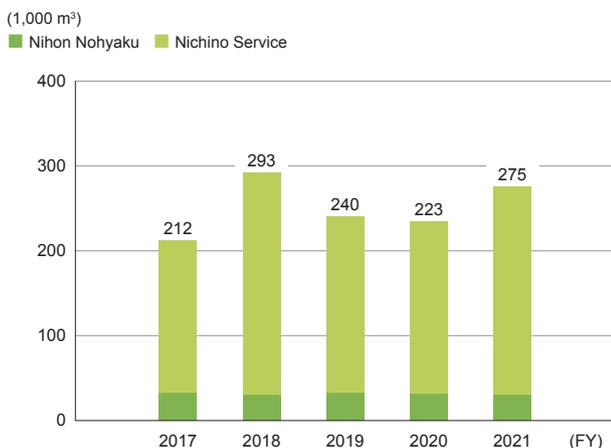


Products Production amount 13,777 t

*1 Amount of heavy oil, light oil, kerosene, gasoline, city gas and LP gas consumed are expressed in crude oil equivalent.
 *2 Purchased electricity and steam calculated as crude oil equivalent.
 *3 Total sum of tap water, well water, and industrial water for Research Center, Osaka Office and Nichino Service Plants.
 *4 Used emission factors were referred to in the Act on Promotion of Global Warming Countermeasures.

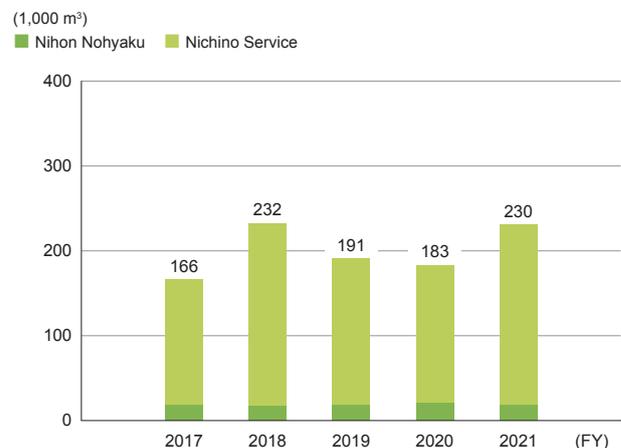
Prevention of Water Pollution

Water consumption



* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

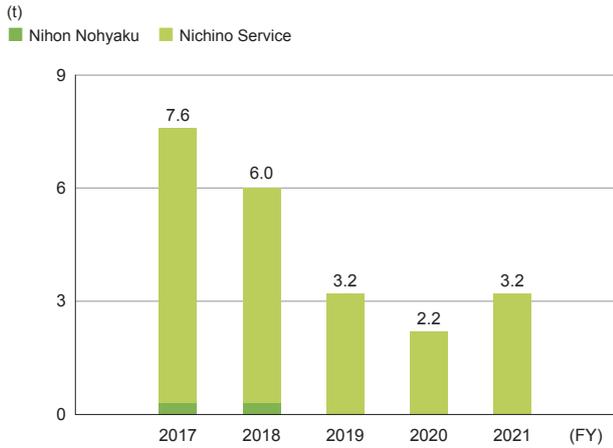
Waste water volume



* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

» Raising the Level of Environmental Management

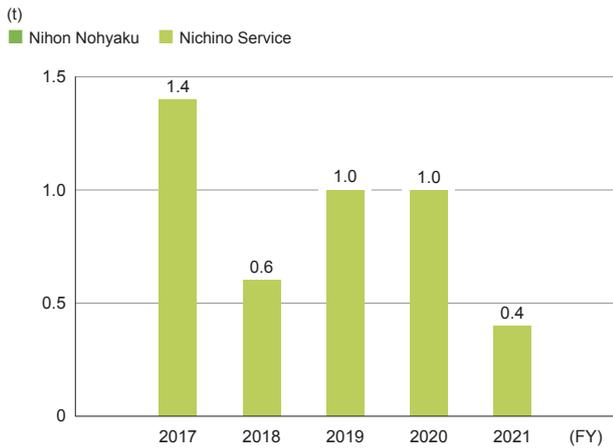
● COD emissions



* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

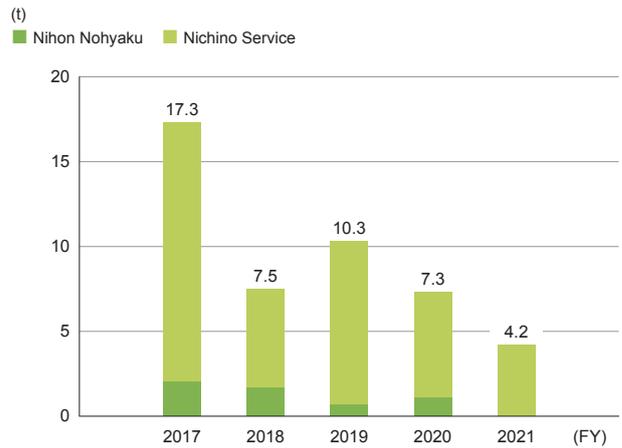
Prevention of Air Pollution

● SOx emissions



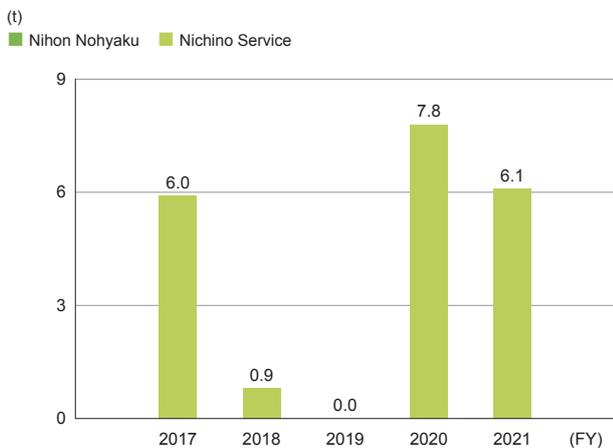
* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

● NOx emissions



* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

● Dust emissions



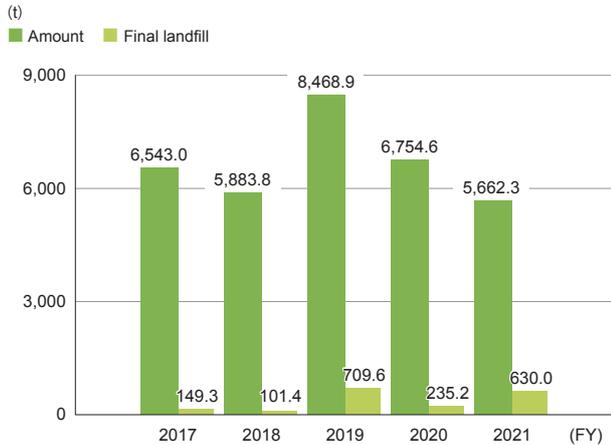
* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

》 Raising the Level of Environmental Management

Initiatives to Reduce Waste

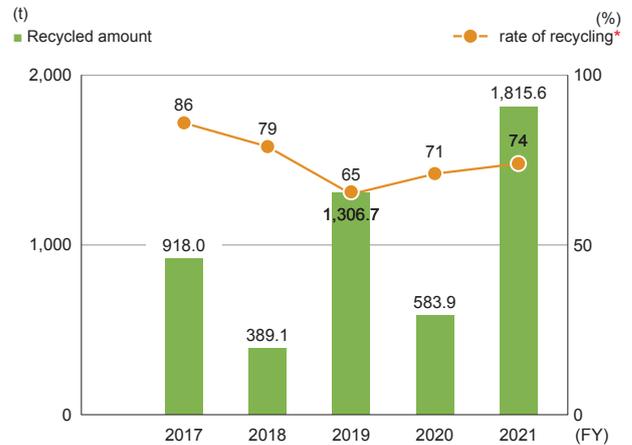
Final landfill volume temporarily increased in FY2019 due to redevelopment works at the Osaka Office.

● Industrial waste and disposal amount



* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

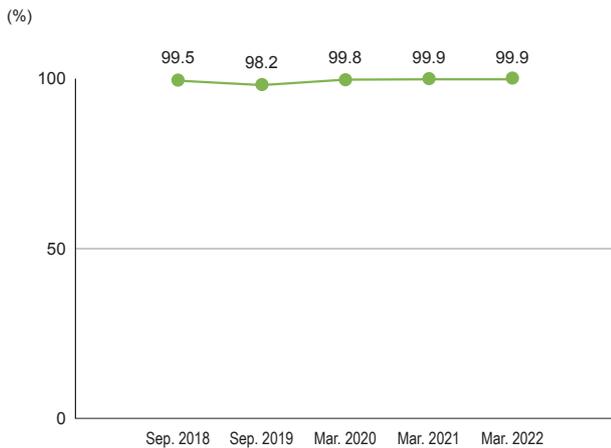
● Recycled amount and rate of recycling



* Rate of recycling = recycled amount / (recycled amount + final landfill amount)

* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

● Green purchasing rate



Investments and Costs Related to Environmental Preservation

Total investments and expenses*¹ related to environmental preservation both increased from the previous year. Of the expenses, 69 % were related to environmental preservation within R&D.

Environmental preservation is one of the important social responsibilities of a corporation, and we will continue to allocate appropriate expenditures for investments and expenses.

Environmental Preservation Costs (Unit: million yen) ^{*2}					
Classification	Details of major initiatives	Investments	Expenses		
1. Costs within business area	(1) Pollution prevention	Prevention of air, water, soil and noise pollution, as well as vibrations, bad odor and ground subsidence etc.	10 (-22)	60 (-22)	
	(2) Global environmental preservation	Prevention of global warming (energy conservation), and prevention of ozone layer depletion	151 (149)	17 (10)	
	(3) Resource recycling	Curbing and reducing waste generation, recycling and other resource circulation	0 (-20)	141 (5)	
2. Upstream/Downstream	Green purchasing, environmental load reduction for containers and packaging, product recalls and recycling	0 (-1)	36 (31)		
3. Management activity	Environmental ISO, environmental information disclosure, environmental load monitoring, greening	0	6 (3)		
4. R&D costs	R&D expenses related to environmental preservation	64 (25)	576 (-19)		
5. Social activity costs	Greening and beautification of office neighborhoods, donations and support for organizations involved in environmental preservation	0	1		
6. Environment damage recovery costs	Remediation of contaminated water and soil etc. and natural restoration	0	0		
Total		224 (132)	836 (8)		

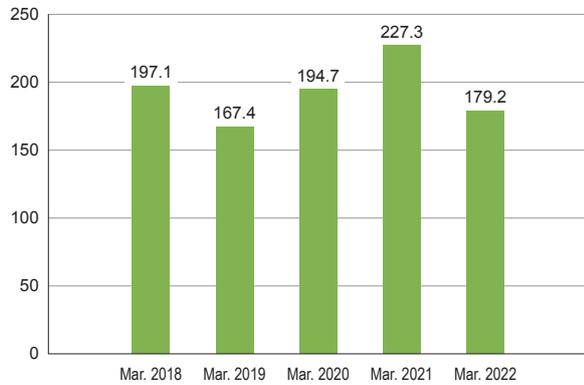
*¹ Expense amounts: Maintenance and management expenses for facilities used for environmental measures as well as personnel and other expenses related to other environmental measures (including depreciation).

*² () indicates change from previous fiscal year, no figures indicated if unchanged.

Related to the PRTR Law*1

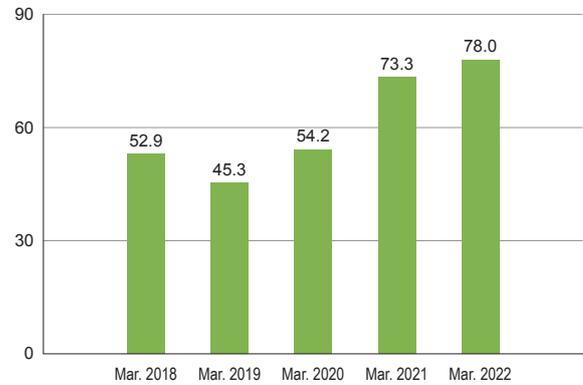
● Emissions*2

(kg)



● Transferred*3

(t)



*1 PRTR is an abbreviation of Pollutant Release and Transfer Register, defined under the Act on Confirmation etc., of Release Amounts of Specific Chemical Substances into the Environment and Promotion of Improvements to the Management Thereof.

*2 Release to atmosphere, public waters, soil and landfill.

*3 The amount of substances including those transferred to sewer works and for which disposal was consigned to a waste disposal contractor (excluding the amount shipped as commercial products).

● Emissions: Top 10 substances by amount

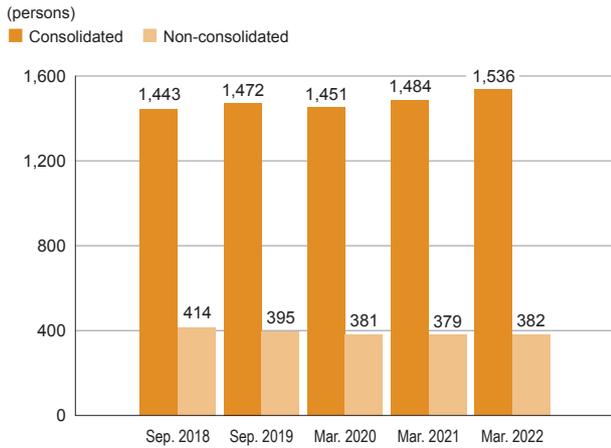
Emissions				
Rank	Substance name	(kg)	Previous year (kg)	Compared to previous year (%)
1	n - Hexane	85.0	84.0	101.2
2	Xylene	18.4	17.8	103.4
3	Triethylamine	17.0	22.0	77.3
4	Ethylbenzene	13.3	13.7	97.1
5	1,2-Dichloroethane	8.0	11.0	72.7
6	Buprofezin	7.5	17.0	44.1
7	Flutolanil	6.2	8.4	73.8
8	Hydrazine	4.5	4.4	102.3
9	Acetonitrile	4.0	6.0	66.7
10	Isoprothiolane	3.2	4.5	71.1
	Other	12.1	38.5	31.4
	Total	179.2	227.3	78.8

● Transferred: Top 10 substances by amount

Emissions				
Rank	Substance name	(t)	Previous year (t)	Compared to previous year (%)
1	Chlorobenzene	21.1	21.1	100.0
2	Xylene	20.2	35.8	56.4
3	Toluene	11.0	0.1	9166.7
4	Isoprothiolane	4.7	0.1	3175.7
5	n - Hexane	3.8	3.7	102.7
6	Ethylbenzene	2.2	4.3	51.2
7	Flutolanil	1.7	0.4	447.4
8	Zinc compounds (water-soluble)	1.7	1.1	154.5
9	Azoxystrobin	1.5	0.1	2010.7
10	Buprofezin	1.2	0.1	1558.4
	Other	9.0	6.5	138.5
	Total	78.0	73.3	106.4

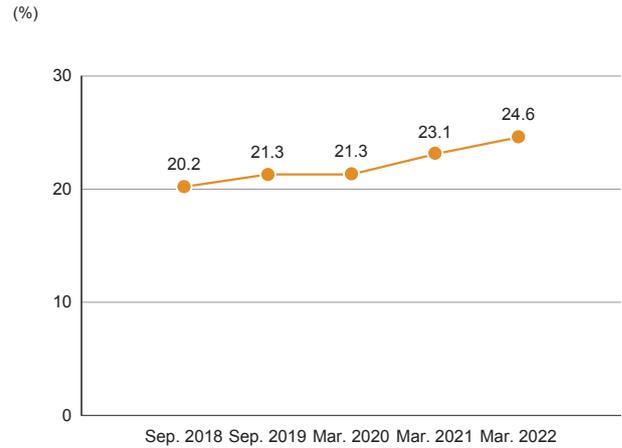
Expansion of Human Rights Management (Human Rights, Creation of a Comfortable Work Environment)

Number of employees (consolidated/non-consolidated)



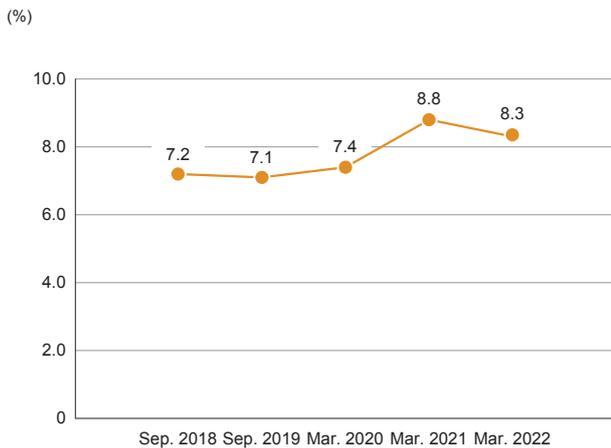
- * Consolidated (not including those seconded to outside the Group)
- * Non-consolidated (not including those who are seconded)
- * Data only for regular full-time and temporary full-time employees, and does not include contract employees.

Rate of female employees (Nihon Nohyaku Co., Ltd.)



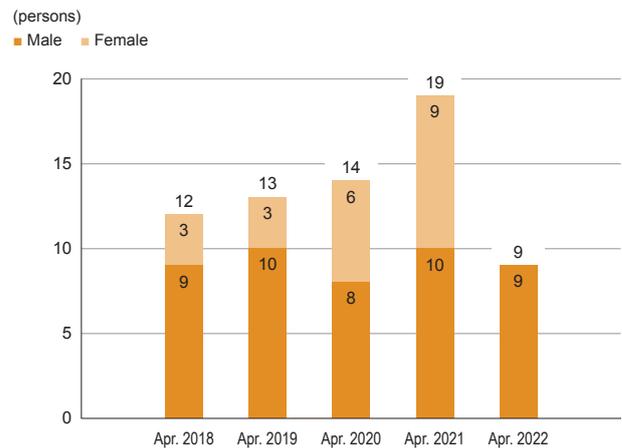
- * Non-consolidated (not including those who are seconded)
- * Data only for regular full-time and temporary full-time employees, and does not include contract employees.

Rate of female managers (Nihon Nohyaku Co., Ltd.)



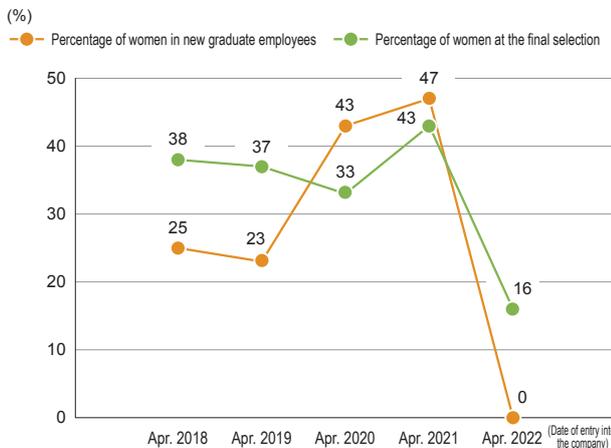
- * Non-consolidated (Enrolled employees = Including seconded employees)

Number of new graduate employees



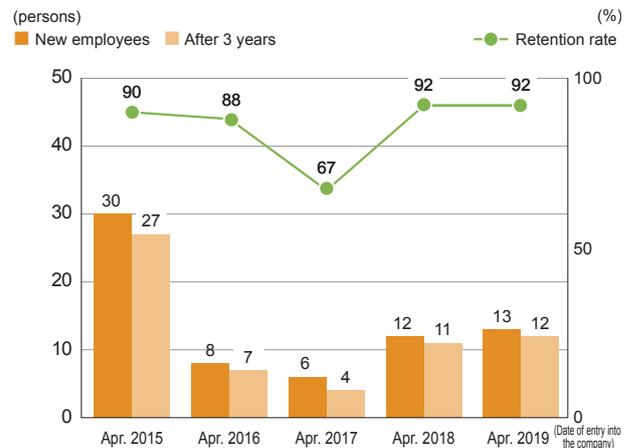
- * Non-consolidated

Percentage of women in new graduate employees and at the final selection for them



- * Non-consolidated

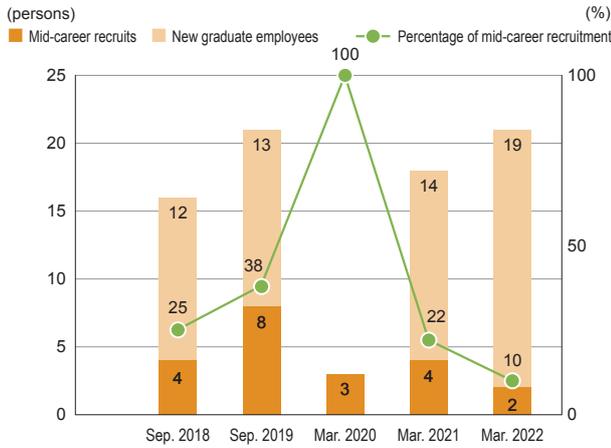
Retention rate of new graduate employees after 3 years of employment



- * Non-consolidated

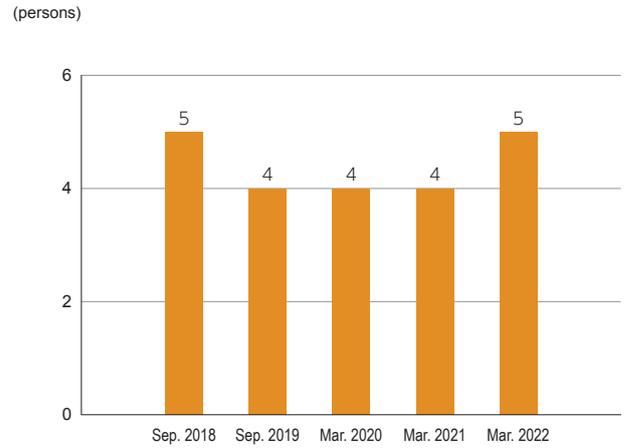
Expansion of Human Rights Management (Human Rights, Creation of a Comfortable Work Environment)

Number of mid-career recruits and percentage of mid-career recruitment of full-time workers hired in the fiscal year



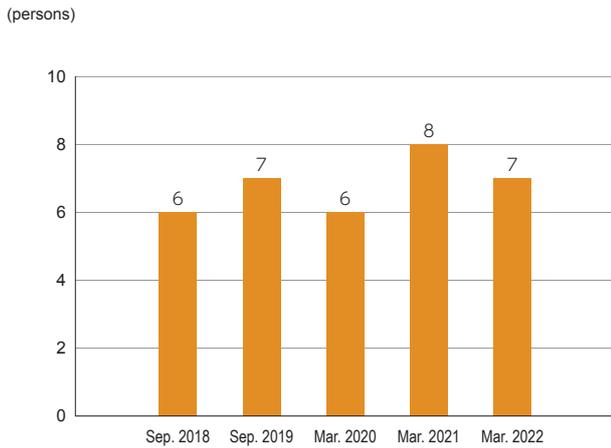
* Non-consolidated

Number of non-Japanese employees



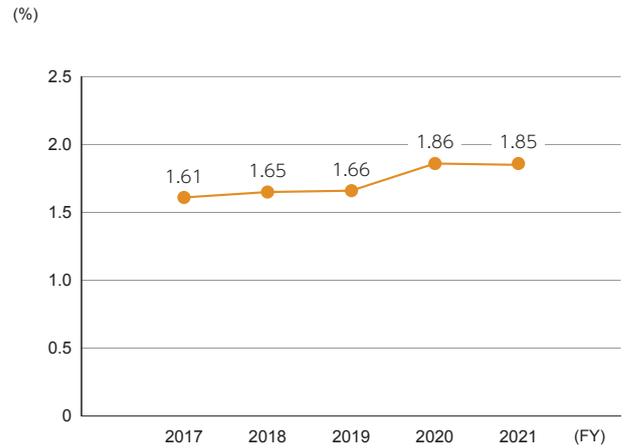
* Non-consolidated (Enrolled employees = Including seconded employees)

Number of employees with disabilities



* Non-consolidated (Enrolled employees = Including seconded employees)

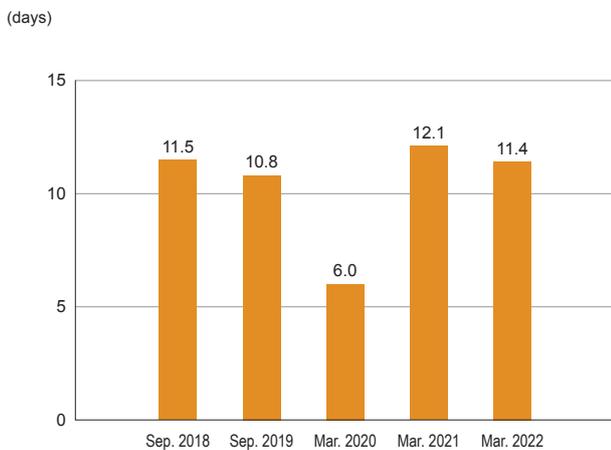
Legally mandated percentage of employees with disabilities



* FY (April-March) figures

* Non-consolidated (Enrolled employees = Including seconded employees)

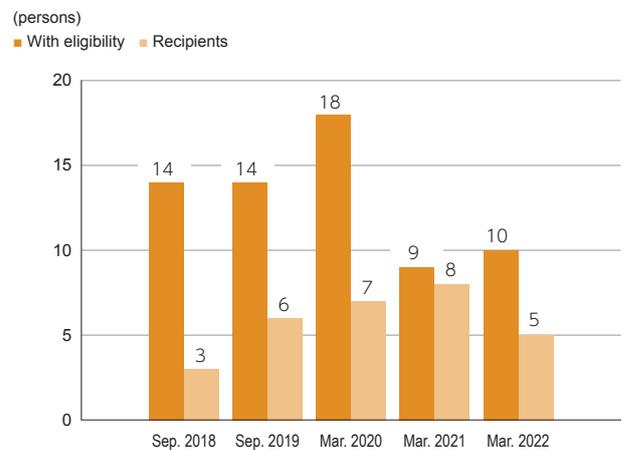
Average paid leave days taken per year



* Data only for regular full-time and temporary full-time employees, not including contract employees.

* Non-consolidated (Enrolled employees = Including seconded employees)

Number of male employees eligible for and taking childcare leave



* Includes persons employed at that time who have since retired.

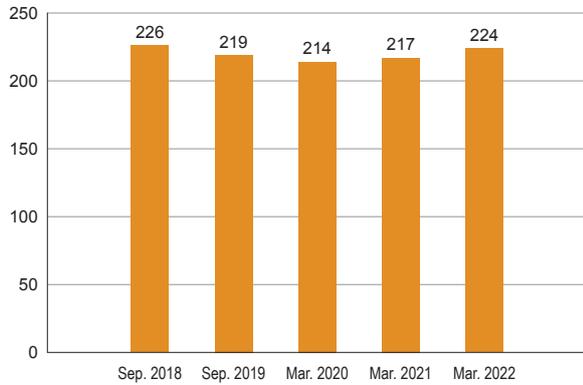
* Data only for regular full-time and temporary full-time employees, not including contract employees.

* Non-consolidated (Enrolled employees = Including seconded employees)

Expansion of Human Rights Management (Human Rights, Creation of a Comfortable Work Environment)

Number of union members

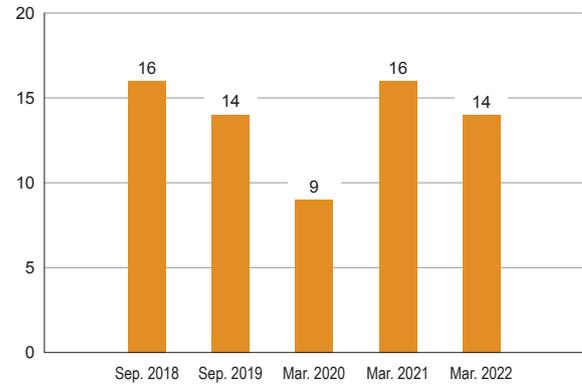
(persons)



* Non-consolidated (Enrolled employees = Including seconded employees)

Number of labor-management council

(times)



* Non-consolidated

Starting salary

	Apr. 2018	Apr. 2019	Apr. 2020	Apr. 2021	Apr. 2022
Doctoral degree	241,200 yen	241,200 yen	241,200 yen	261,400 yen	268,900 yen
Master's degree	220,300 yen	220,300 yen	220,300 yen	240,500 yen	243,000 yen
Bachelor's degree	212,500 yen	212,500 yen	212,500 yen	231,700 yen	234,200 yen

* Non-consolidated

Prescribed working hours and prescribed working days

	Sep. 2018	Sep. 2019	Mar. 2020	Mar. 2021	Mar. 2022
Prescribed working hours	1,855 hrs. 20 min.	1,855 hrs. 20 min.	912 hrs. 20 min.	1,847 hrs. 40 min.	1,847 hrs. 40 min.
Prescribed working days	242 days	242 days	119 days	241 days	241 days

* Non-consolidated

Stress check examination rate

	Sep. 2018	Sep. 2019	Mar. 2020	Mar. 2021	Mar. 2022
Stress check examination rate	93.9 %	95.0 %	—	97.2 %	97.7 %

* Non-consolidated (not including those who are seconded)

Major Nihon Nohyaku programs related to comfortable work environments

Field	Internal programs
Work systems	Normal work system, Time attendance system, Flex-time work system, Discretionary work system, Deemed outside work-site system
Holidays	Saturdays, Sundays, national holidays, winter holidays (December 29-January 3), Labor Day (May 1), Foundation Anniversary Day (November 17)
Realizing diverse work styles	Annual paid leave, Congratulatory or condolence leave, Posting leave, Maternity leave, Summer vacation (5 days), Refresh vacations (providing travel coupons etc. when taken), Half-day paid leave, Childcare leave system, Childcare time (duty exemption), Shorter working hours system for expectant and nursing mothers (duty exemption), Child nursing care leave (paid), Leave for childcare (paid), Family care leave system, Family care leave (paid) Shorter working hours system for childcare, family care, injury and sickness treatment, Working from home system, Area full time employee system (only when appointed as full-time employee)
Maintaining and promoting the health of employees	Medical examinations for all employees (full physical examinations for employees over age 40), Long-term sick leave, Stress check surveys, Telephone health consultations
Other benefits	Property accumulation savings, Housing loans, Defined contribution pension plan, Employee stock ownership plan, Leased company housing system

» Enhancing the Safety Culture

Occupational Safety & Health, Process Safety & Disaster Prevention

● Incident rate

Workdays lost/total working hours (per 1,000 hours)

FY2017	FY2018	FY2019	FY2020	FY2021
0	0	0.23	0	0

* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

● Incident rate without workdays lost

Number of injury and sickness due to accidents without workdays lost/total working hours (per millions of hours)

FY2017	FY2018	FY2019	FY2020	FY2021
0	0	4.77	0	1.24

* Aggregation period: From October to September for FY2018 and earlier and from April to March for FY2019 onward

● Record of zero-occupational accidents (as of March 31, 2022)

Record of No. of days and working hours without an accident with workdays lost.

		Total No. of Days	Total Hours (1,000 hours)
Nihon Nohyaku	Research Center	4,263	3,600
	Osaka Office	2,069	131
Nichino Service	Fukushima Plant	2,985	1,210
	Kashima Plant	11,656	2,460
	Saga Plant	1,121	507

Scope of aggregation The scope of aggregation of incident rate, the incident rate without workdays lost, and record of zero-occupational accidents reflects the three business sites of the Research Center, Osaka Office and Nichino Service. Total working hours without accidents at the Osaka Office have been calculated since Aug. 2016.

Supply Chain Management

● CSR-related procurement questionnaire survey

In line with the formulation of our Basic Procurement Policy, Nihon Nohyaku conducted a CSR-related procurement questionnaire survey with the following content in February 2022. We sent this survey to 143 suppliers and received responses from 98 companies as of March 31, 2022.

● The Nichino Group Green Procurement Standards

Each green supplier of chemical materials should satisfy the condition 1) and at least one more condition from 2) to 4).

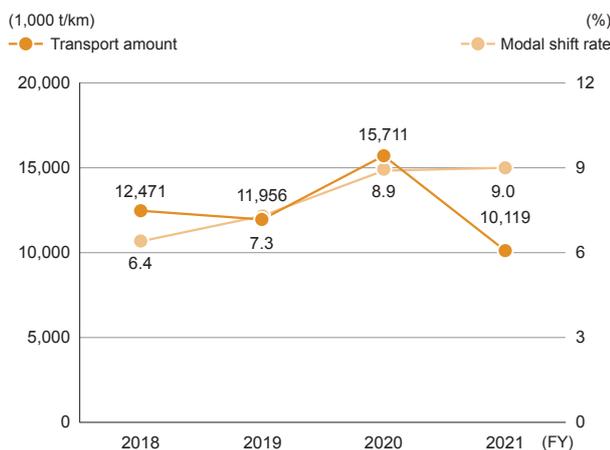
- 1) Providing SDS (Safety Data Sheet) or equivalent GHS-related information.
- 2) Actively promoting environmental preservation^{*1}.
- 3) Supplying products with less environmental impact and without highly hazardous substances^{*2}.
- 4) Not using highly hazardous substances during processing and manufacturing^{*2}.

*1 Activity examples: acquired environment management system certification, involved in Responsible Care activities, participating in national environmental preservation activities (Fun to Share etc.), issuing environmental reports, acquired environmental ranking etc.

*2 Hazardous substance examples: POPs, PRTR substances (excluding agrochemical active ingredients), substances subject to major regulations in other countries (e.g. SVHC in the EU), chemical substances not allowed in foods etc.

Logistics Safety

● Transport amount and modal shift rate



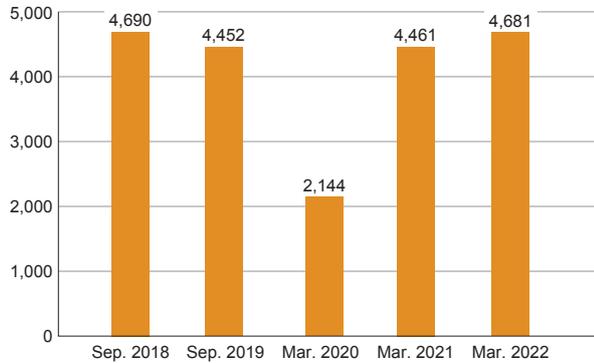
* Aggregation period: April to March

Development of Technologies and Products that Meet Needs of Society

Create New Agrochemicals, Pharmacweticals and Animal Health Products ...

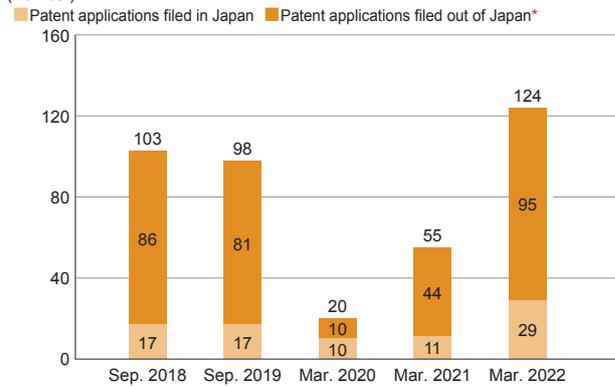
R&D expenses (Group consolidated)

(million yen)



Number of patent applications filed (Nihon Nohyaku Co., Ltd.)

(Number)



* Number of PCT international applications filed (by transfer country) + Paris route or Number of standard applications filed

Community Involvement

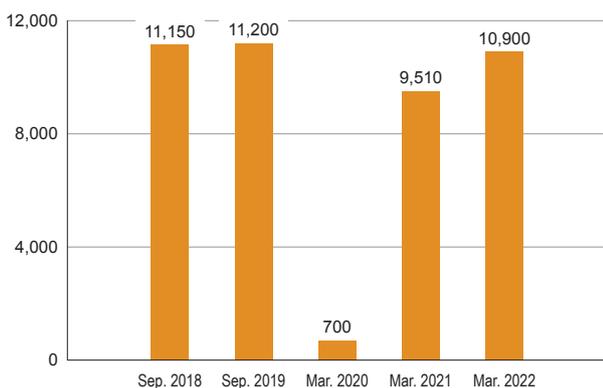
Communication with Investors

Communication with investors

Content	Sep. 2018	Sep. 2019	Mar. 2020	Mar. 2021	Mar. 2022
Number of the company visits by investors	26	22	8	2	2
Number of visits to investors	7	12	4	0	0
Number of financial results briefing attendees	80	87	40	48	99
Number of participants in Research Center tours	4	6	0	0	0
Number of telephone conferences	11	11	6	40	69

Charitable donations (Nihon Nohyaku Co., Ltd.)

(thousand yen)

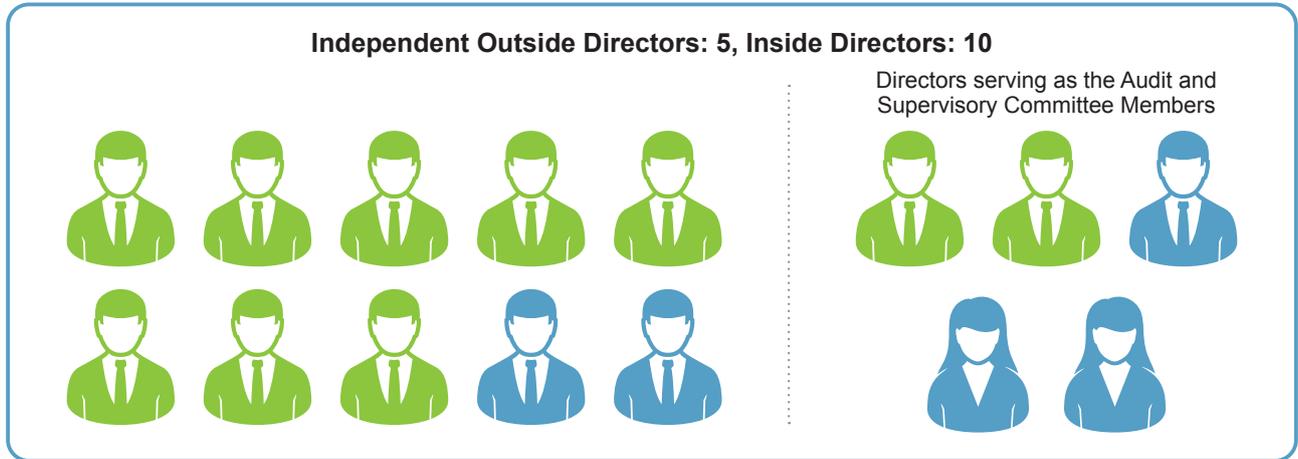


* FY2019 represents the period from October 1, 2019 to March 31, 2020 due to the change of fiscal year end.

Expansion of Compliance and Risk Management

Corporate Governance Structure and Initiatives (as of March 31, 2022)

Number of Directors



Internal Directors



Outside Directors

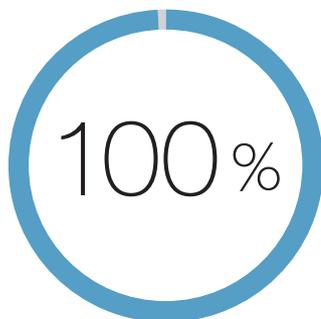
Percentage of Independent Outside Directors



Average attendance rate of Directors (excluding Directors serving as the Audit and Supervisory Committee Members) at Board of Directors meetings



Average attendance rate of Directors serving as the Audit and Supervisory Committee Members at Board of Directors meetings



Governance Committee

Comprised of 5 Outside Directors, 2 Internal Directors



Chairperson (Outside Directors)



Number of compliance cases/Number of internal reporting cases

	Mar. 2020	Mar. 2021	Mar. 2022
Number of compliance cases	14	7	9
Number of internal reporting cases	2	0	1

* The above aggregate results are from Nihon Nohyaku Co., Ltd.

» CSR Basic Policy, etc.

The Nihon Nohyaku Group has established the CSR Basic Policy and other policies to contribute to society as a better corporate citizen.

CSR Basic Policy

“Contributing to Food and the Environment / Society through Technological Innovation”

Based on the Basic Principles of Nihon Nohyaku Group, we will contribute to the society by continuing to take on challenges to ensure sufficient food through technological innovations and to protect affluent lifestyles and the environment.

Basic Human Rights Policy

Nihon Nohyaku Group respects the human rights and diverse values of all our stakeholders, including our customers, and aims to achieve a society free of discrimination and prejudice.

Nihon Nohyaku Group Basic Procurement Policy

1. Consideration for Human Rights, Working Environment, Peace and Fairness

We respect and properly promote Human rights and diverse values in our procurement activities.

In our production activities, we strive to ensure a safe and healthy working environment; protect and respect internationally recognized Human Rights, eliminate unfair acts such as discrimination and harassment, and abolish compulsory labour and child labour.

In addition, we do not use raw materials that contain conflict minerals.

2. Compliance with Laws and Social Norms

We comply with the laws and social norms applicable to the countries and regions in which we operate, respect each culture and customs, and do not engage in any conduct that violates them.

In addition, we do not send or receive hospitality and gifts that deviate from social norms.

3. Fair Transactions and Equal Opportunities

We open our doors to a wide range of Business Partners and provide opportunities for fair transactions by disseminating information on procurement in a timely and appropriate manner.

In addition, we do not engage in unfair trade practices, refusals, payment delays, or unfair trade terms by abusing dominant bargaining position.

4. Selection of business partners

We select our business partners based on a comprehensive assessment of quality, prices, stable supplies, technological capabilities, CSR initiatives, and management stability and so on.

5. Promotion of Mutual Development (Partnerships)

With our business partners, we aim to deepen mutual understanding through questionnaires and audits, and grow together by building partnerships based on mutual trust.

6. Ensuring appropriate information management and intellectual property rights

We protect confidential information and undertake the appropriate handling of personal information obtained from our business partners.

In addition, we pledge to avoid infringement of any intellectual property rights related to patents, trademarks, and so on.

7. Ensuring quality and safety

We ensure compliance with the quality standards and legal requirements of safety standards in the countries and regions we provide our products and services.

In addition, we commit to providing accurate information on products and services to our customers.

8. Consideration for the environment

In cooperation with our Business partners, we actively prioritize the procurement of raw materials and products with minimal environmental impact.

We also promote the reduction of waste and greenhouse gas emissions in all our production activities.

Furthermore, we strive to protect the environment, including the conservation of biodiversity, and contribute to the realization of a sustainable society.

9. Social Contribution

As good corporate citizens, we aim to live in harmony with local communities and all stakeholders, and contribute to the realization of a sustainable society together with our business partners.

Nichino Group Basic Policy for Prohibition on Bribery

1. Purpose and Scope of Application

The Nichino Group shall comply with the laws and regulations on prohibition on bribery which are applicable in a country or area where the group companies conduct their business including the Japan Unfair Competition Prevention Act, the U.S. Foreign Corrupt Practices Act (US FCPA) and the UK Bribery Act 2010 (the "Bribery Laws and Regulations") and apply this Basic Policy to all officers and employees of each group companies to prohibit the giving or receipt of a Bribe.

2. Definitions of Terms

"Nichino Group" means a group of companies comprising Nihon Nohyaku Co., Ltd. and companies a majority of whose issued shares are held or the management of which is substantially governed by Nihon Nohyaku Co., Ltd. and the financial and business policy of which may be affected by Nihon Nohyaku Co., Ltd. through personnel, asset or business relationships, etc.

"Civil Servant" includes officers and employees of a state-owned or government-controlled company or corporation in addition to all civil servants, political parties, and candidates for public office.

"Business Partner" means a party with whom the Nichino Group conducts a transaction and includes agents, etc. (persons who provide services such as provision of information or intermediation, agency and mediation of transactions for the Nichino Group, regardless of the designation of the person such as agency, agent or consultant)

"Bribe" means monies and any other profits offered, promised to be offered or given as compensation for professional duties of a Civil Servant or for the purpose of acquiring or keeping business, receiving or keeping business facilities or obtaining an unjust business gain. So-called "facilitation payment (payment for the purpose of facilitating government affairs)" may also be considered to be the giving of a Bribe.

"Policy" means the way of thinking and rules that the officers and employees of each group company must comply with such as the policy, regulations, standards and guidelines of each group company for prohibition on bribery, including this Basic Policy.

3. Matters for Compliance

The Nichino Group shall request that all officers and employees of each group company comply with the following matters.

Prohibition on Bribery

Officers or employees shall not directly or indirectly offer, promise to offer or give a Bribe to anyone or receive a Bribe.

Understanding of and Compliance with the Bribery Laws and Regulations and Policy for Prevention of Bribery

Officers and employees shall fully understand and comply with the Bribery Laws and Regulations and the Policy for prevention of bribery.

Appropriate Approval Procedures and Ex-post Facto Confirmation Procedures

In principle, officers or employees shall not publicly or personally entertain or give a gift to a Civil Servant. However, if they do so exceptionally within the bounds of common sense in light of conventional wisdom, they must follow appropriate approval procedures and also conduct appropriate ex-post facto confirmation (review procedures).

Building of Sound Business Relationship

Officers and employees shall conduct business only with lawful and reliable Business Partners and add a provision to any agreements with such Business Partner to the effect that bribery is prohibited.

Regular Risk Assessment, Review and Improvement

Officers and employees shall regularly assess bribery risks and review the Policy, and control for the prevention of bribery, as well as revising and improving it as necessary.

Thorough Records Management

Officers and employees shall accurately prepare and manage records so that they can show that they comply with the Bribery Laws and Regulations and the Policy for prevention of bribery.

Prompt Report

If an officer or employee of the Nichino Group or a Business Partner is likely to be in breach of the Bribery Laws and Regulations or the Policy for prevention of bribery, such fact shall be promptly reported so that timely and appropriate measures can be taken.

4. Establishment of this Basic Policy, etc.

This Basic Policy shall come into force on December 24, 2015 and any addition and amendment may be made to this Basic Policy by a resolution of the Board of Directors of Nihon Nohyaku Co., Ltd.

Company Overview and List of The Nihon Nohyaku Group Companies



Nihon Nohyaku Co., Ltd.

as of March 31, 2022

Head Office address	19-8 Kyobashi 1-Chome, Chuo-ku, Tokyo 104-8386
Founded	November 17, 1928
Capital	14,939 million yen
Number of employees (consolidated)	1,536
Main business	Manufacture, import, export, and sale of a variety of products including agrochemicals, pharmaceuticals, animal health products, industrial chemicals, wood preservatives, and agricultural materials

Head office and branches	<ul style="list-style-type: none"> ① Head office, Tokyo Branch (Chuo-ku, Tokyo) ② Sapporo Branch (Sapporo-shi, Hokkaido) ③ Sendai Branch (Sendai-shi, Miyagi) ④ West Japan Branch Tokai-Hokuriku Sales Office (Osaka-shi, Osaka) Osaka Sales Office (Osaka-shi, Osaka) ⑤ West Japan Branch Fukuoka Sales Office (Fukuoka-shi, Fukuoka) ⑧ Osaka Office (Osaka-shi, Osaka)
Research Facilities	<ul style="list-style-type: none"> ⑥ Research Center (Kawachinagano-shi, Osaka) ⑦ Naganuma Nursery (Yubari-gun, Hokkaido)
Manufacturing plant (contracted)	<ul style="list-style-type: none"> ⑩ Nichino Service Co., Ltd. (⑪ Fukushima Plant / ⑫ Kashima Plant / ⑬ Saga Plant)

Consolidated Group Companies

⑨ Nichino Ryokka Co., Ltd.	Sales of chemicals/pesticides for golf courses, home & garden, and greening, sales of turf and turf-related materials, planning and construction of gardens and amenity areas	Chuo-ku, Tokyo
⑩ Nichino Service Co., Ltd.	Manufacturing and sales of agrochemicals, contracted manufacturing, storage and transport of agrochemicals, cultivation and management of fields and real estate management	Chuo-ku, Tokyo
⑪ Fukushima Plant		Nihonmatsu-shi, Fukushima
⑫ Kashima Plant		Kamisuru-shi, Ibaraki
⑬ Kawachinagano Center		Kawachinagano-shi, Osaka
⑭ Saga Plant		Miyaki-gun, Saga
⑮ Nichino America, Inc.	Agrochemical sales, promotion, development, and registration in the USA	U.S.A. / Wilmington
⑯ Nihon Ecotech Co., Ltd.	Agrochemical residue analysis, chemical substance safety testing, and related activities	Chuo-ku, Tokyo
⑰ Fukushima Analytical Technology Center		Nihonmatsu-shi, Fukushima
⑱ Osaka Analytical Technology Center		Kawachinagano-shi, Osaka
⑲ Taiwan Nihon Nohyaku Co., Ltd.	Agrochemical sales and promotion in Taiwan	Taiwan / Taipei
⑳ AgriMart Corporation	Sales of termite control agents/devices and pest control agents/devices	Chuo-ku, Tokyo
㉑ Nichino India Pvt. Ltd.	Agrochemical sales, manufacturing, development, promotion, import and export in India	India / Hyderabad
㉒ Sipcam Nichino Brasil S.A.	Agrochemical sales and manufacturing in Brazil	Brazil / Uberaba
㉓ Nichino Europe Co., Ltd.	Agrochemical sales, promotion, development, and registration in Europe	UK / Cambridge

Non-consolidated Subsidiary Accounted for by the Equity Method

㉔ Nichino Vietnam Co., Ltd.	Agrochemical sales, development, promotion, import and export in Vietnam	Vietnam / Ho Chi Minh
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Non-consolidated Companies

㉕ Nichino Shanghai Co., Ltd.	Agrochemical sales and promotion in China	China / Shanghai
㉖ Nichino do Brasil Agroquímicos Ltda.	Agrochemical development and registration in Brazil	Brazil / Sao Paulo
㉗ Nihon Nohyaku Andica S.A.S.	Agrochemical sales, development, promotion, import and export in the Andes and Central America	Colombia / Bogota
㉘ Nichino México S. de R.L. de C.V.	Agrochemical sales, promotion, development, and registration in Mexico	Mexico / Mexico City
㉙ Nichino Korea Co., Ltd.	Agrochemical sales, promotion, development, and registration in South Korea	South Korea / Seoul

Affiliated Companies Accounted for by the Equity Method

㉚ Agricultural Chemicals (Malaysia) Sdn. Bhd.	Agrochemical sales and manufacturing in Malaysia	Malaysia / Penang
㉛ Sipcam Europe S.p.A.	Agrochemical sales and manufacturing in Europe	Italy / Milan
㉜ Tama Kagaku Kogyo Co., Ltd.	Contract manufacturing of technicals and raw materials for agrochemicals, pharmaceuticals and functional materials, etc.	Yashio-shi, Saitama

Information of Each Facility

Number of employees for Research Center and each plant includes non-full-time employees.

Research Center

General Manager: Tetsuyoshi Nishimatsu

Address:

345, Oyamada-cho, Kawachinagano-shi,
Osaka

Number of employees: 226

(Including employees of Nichino Service stationed at the office)

Land area: approx. 71,000 m²

Floor surface area: approx. 16,000 m²

Research Center environmental data

Items	Content (unit)	FY2019	FY2020	FY2021
Energy	Crude oil equivalent (kℓ)	1,965.1	2,010.4	2,077.8
	Water (1,000 m ³)	30.6	30.0	29.2
Atmospheric emissions	SOx (t)	0.0	0.0	0.0
	NOx (t)	2.1	1.1	0.7
	Dust (t)	0.0	0.0	0.0
	CO ₂ (t)	3,053.4	3,050.8	3,348.6
Waste	Amount (t)	200.0	211.7	268.1
	Final landfill (t)	85.5	94.9	98.0
Waste water	Volume (1,000 m ³)	18.0	20.0	18.3
	COD (t)	0.0	0.0	0.0



Osaka Office

General Manager: Hideo Yamamoto

Address: 2-30, Tsukuda 5-Chome,
Nishiyodogawa-ku, Osaka

Number of employees: 14

(Including employees of Nichino Service stationed at the office)

Land area: Approx. 10,000 m²

Floor surface area: Approx. 4,000 m²

Osaka Office environmental data*1

Items	Content (unit)	FY2019	FY2020	FY2021
Energy	Crude oil equivalent (kℓ)	39.6	45.1	31.7
	Water (1,000 m ³)	1.2	0.7	0.6
Atmospheric emissions	SOx (t)	0.0	0.0	0.0
	NOx (t)	0.0	0.0	0.0
	Dust (t)	0.0	0.0	0.0
	CO ₂ (t)	59.8	49.4	43.4
Waste	Amount (t)	2,482.3	75.5	44.8
	Final landfill (t)	525.2	3.0	1.4
Waste water*2	Volume (1,000 m ³)	0.0	0.0	0.0
	COD (t)	0.0	0.0	0.0

*1 Includes volume used by the departments of Nihon Nohyaku and Nichino Service stationed at the office.

*2 Waste water are all treated as industrial waste at the Osaka Office.

Information of Each Facility

Nichino Service Co., Ltd. Kashima Plant

General Manager: Shigeyuki Sakao

Address: 19, Sunayama, Kamisu-shi, Ibaraki

Number of employees: 60

Land area: approx. 45,000 m²

Floor surface area: approx. 12,000 m²



Nichino Service Kashima Plant environmental data*

Items	Content (unit)	FY2019	FY2020	FY2021
Products	Active ingredients / bulk powder (t)	1,456.0	1,623.8	1,747.9
	Crude oil equivalent (kℓ)	1,946.2	1,943.5	2,226.3
Energy	Water (1,000 m ³)	190.5	183.0	215.0
	SOx (t)	0.1	0.1	0.1
Atmospheric emissions	NOx (t)	8.6	7.4	3.1
	Dust (t)	0.0	7.8	6.1
	CO ₂ (t)	3,118.7	3,159.9	3,469.9
Waste	Amount (t)	4,928.3	5,668.1	4,293.6
	Final landfill (t)	5.5	4.5	530.6
Waste water	Volume (1,000 m ³)	161.9	151.7	201.6
	COD (t)	3.2	2.2	3.2

* Includes volume used by the departments of Nihon Nohyaku stationed at the plant

Nichino Service Co., Ltd. Fukushima Plant

General Manager: Toshiaki Shimizu
(took office in April 2021)

Address: 286, Hiraishitakada 4-Chome,
Nihonmatsu-shi, Fukushima

Number of employees: 97

Land area: approx. 119,000 m²

Floor surface area: approx. 26,000 m²



Nichino Service Fukushima Plant environmental data

Items	Content (unit)	FY2019	FY2020	FY2021
Products	Agrochemicals (t)	4,121.0	5,566.0	5,620.3
	Crude oil equivalent (kℓ)	466.1	525.2	472.8
Energy	Water (1,000 m ³)	6.8	8.2	8.9
	SOx (t)	0.7	0.8	0.2
Atmospheric emissions	NOx (t)	0.1	0.2	0.1
	Dust (t)	0.0	0.0	0.0
	CO ₂ (t)	1,008.6	1,123.8	909.1
Waste	Amount (t)	438.5	499.3	424.2
	Final landfill (t)	93.4	132.8	0.0
Waste water	Volume (1,000 m ³)	6.3	6.7	6.6
	COD (t)	0.0	0.0	0.0

Nichino Service Co., Ltd. Saga Plant

General Manager: Toru Ohuchi

Address: 180-1, Aza Nihonsugi, Oaza
Tsutsumi, Kamimine-cho, Miyaki-gun, Saga

Number of employees: 95

Land area: approx. 84,000 m²

Floor surface area: approx. 20,000 m²



Nichino Service Saga Plant environmental data

Items	Content (unit)	FY2019	FY2020	FY2021
Products	Agrochemicals (t)	4,296.0	5,376.0	6,409.2
	Crude oil equivalent (kℓ)	840.9	940.0	1,124.9
Energy	Water (1,000 m ³)	11.2	12.9	21.7
	SOx (t)	0.2	0.2	0.0
Atmospheric emissions	NOx (t)	0.9	1.1	0.2
	Dust (t)	0.0	0.0	0.0
	CO ₂ (t)	1,276.9	1,502.5	2,167.7
Waste	Amount (t)	419.8	300.0	631.6
	Final landfill (t)	0.0	0.0	0.0
Waste water	Volume (1,000 m ³)	5.0	4.8	4.4
	COD (t)	0.0	0.0	0.0

 **NIHON NOHYAKU CO., LTD.**

Head Office 19-8, Kyobashi 1-Chome (Kyobashi OM Bldg.),
Chuo-ku, Tokyo 104-8386, JAPAN

Phone +81-3-6361-1400

Website <https://www.nichino.co.jp/en/index.html>

