# Financial Results

Results for the Fiscal Year Ended March 2024 & Forecast for the Fiscal Year Ending March 2025

TSE Prime: 5991 NHK Spring Co., Ltd. May 27, 2024





## Overview of the Financial Results for the Year Ended March 2024

Executive Vice President & CFO and Representative Member of the Board

Hidefumi Yoshimura

## Overview of the Financial Results for the Year Ended March 2024



(100 million yen)

			FY2022	FY2022 FY2023		Vs. FY2022	Results Vs. Mid-term plan		FY2024	Forecast Vs. Previous year	
			Results	Mid-term plan	Results	Results	Results	Ratio	Forecast	Variance	Ratio
Net Sales			6,932	6,500	7,669	736	1,169	15.2%	7,800	130	1.7%
Operating Profit			288	400	346	58	-54	-15.4%	400	54	15.4%
Ratio			4.2%	6.2%	4.5%	0.4%	-1.6%	-	5.1%	0.6%	-
Ordinary Profit			373	420	478	104	58	12.2%	470	-8	-1.7%
Ratio			5.4%	6.5%	6.2%	0.9%	-0.2%	-	6.0%	-0.2%	-
Profit Attributable Parent	e to Owner	s of	215	250	391	176	141	36.2%	400	8	2.1%
Extraordinary profits/lo	osses		-70	-	90	160	90	-	85	-4	-5.3%
EPS - Earning Per Shar	re (unit: yen)		94.50	-	173.27	78.77	173.27	-	180.62	7.35	-
ROE - Return On Equity	у		6.4%	8.0%	10.4%	4.0%	2.4%	-	9.7%	-0.7%	-
Average Rate	US\$		135.0	100.0	144.4	9.5	44.4	-	148.0	3.6	-
	Thai Baht		3.7	3.2	4.0	0.3	0.8	-	4.0	-0.0	-
Current Rate	US\$	This year	133.5	100.0	151.4	17.9	51.4	-	145.0	-6.4	-
		Previous year	122.4	-	133.5	11.1	133.5	-	151.4	-	-
	Thai Baht	This year	3.8	3.2	4.1	0.3	0.9	-	4.0	-0.1	-
		Previous year	3.4	-	3.8	0.4	3.8	-	4.1	-	-

## Variable Factor Analysis for Operating Profit



					(100 million yen)
	FY2022	FY2023		Vs. FY2022	Vs. Mid-term plan
	Results	Mid-term plan	Results	Results	Results
Net Sales	6,932	6,500	7,669	736	1,169
Operating Profit	288	400	346	58	-54
Ratio	4.2%	6.2%	4.5%	0.4%	-1.6%

### Variable Factor Analysis for Operating Profit

(Vs. Previous year)



### (Vs. Mid-term plan)



#### Vs. FY2022

30% of the increase in sales reflected the impact of the weaker ven on overseas subsidiaries and 20% reflected passing on the steep rise in raw material costs to selling prices. Sales were therefore significantly impacted by fluctuations in exchange rates and material markets.

In non-automobile-related industries, despite the boost from the weak yen, sales and profits decreased due to reduced volume in HDD-related components and semiconductor process components business, which had been performing well until the first half of the previous year.

On the other hand, the automobile-related industry saw an increase in sales as the impact of supply shortages for components such as semiconductors was resolved. Although fixed costs increased in some areas in the U.S. and Europe, the strong performance of the Automotive Seating business and improved selling prices in the second half contributed to increased sales and profits.

#### Vs. Mid-term plan

Net sales significantly exceeded the mid-term plan due to the reflection of increased steel prices in selling prices and the impact of yen conversion for overseas subsidiaries due to the weak yen.

In the automobile-related industry, while the Automotive Seating business is the main driver, there has been a decrease in volume in HDD-related business and semiconductor process components business since the second half of the previous year. Due to this, operating profit for the Group overall is below the target in the mid-term plan.

## **Results Trends**





19/3

18/3

16/3

17/3

20/3

21/3

23/3

22/3

24/3

plan

Mid-term Results

As a result of the adoption of the "Accounting Standard for Revenue Recognition (Revised ASBJ Statement No. 29)," the amount paid by customers, which was previously recorded as net sales, is offset against the cost of sales from the fiscal year ended March 31, 2022.

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24/3 25/3

## **Extraordinary Profits/Losses**



Extraordinary profits/losses (100				
Breakdown		Details	Amount	
Extraordin ary profits	Gain on sale of investment securities	Gain on the sale of policy-holding shares	161	
		Other	2	
	Total		163	
Extraordin ary losses	Impairment loss	Production equipment	70	
	Other		3	
	Total		73	

Impairment Loss (10				
Purpose	Company	Description	Amount	
Production equipment	Subsidiaries in China	Building, Machinery	44	
	Subsidiaries in Hungary	Machinery	19	
	Subsidiaries in America	Building, Machinery	5	
	Industrial Machinery & Other Operations in NHK SPRING	Building, Machinery	1	
Total			70	

## **Dividends**





Earnings Per Share (EPS)



	End of Q2	Year-end	Total	Dividend payout ratio
Result for the year ended Mar. 2024	17.0 yen	25.0 yen	42.0 yen	24.2%
Forecast for the year ending Mar. 2025	27.0 yen	30.0 yen	57.0 yen	31.6%



## Financial Results for the Year Ended March 2024

## **Net Sales/Operating Profit by Business Segment**

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 NHK SPRING CO., LTD.	

						(,)
		FY2022	FY2	2023	Vs. FY2022	Vs. Mid-term plan
		Results	Mid-term plan	Results	Results	Results
Automotive	Net Sales	1,468	1,210	1,711	243	501
Suspension Spring	Operating Profit	-27	30	15	43	-14
	Ratio	-1.9%	2.5%	0.9%	2.8%	-1.6%
Automotive	Net Sales	2,737	2,400	3,241	503	841
Seating	Operating Profit	73	80	191	118	111
	Ratio	2.7%	3.3%	5.9%	3.2%	2.6%
Precision	Net Sales	1,594	1,790	1,617	22	-173
Springs & Components	Operating Profit	114	180	71	-43	-109
	Ratio	7.2%	10.1%	4.4%	-2.8%	-5.7%
Industrial	Net Sales	1,131	1,100	1,099	-32	-1
Machinery & Others	Operating Profit	127	110	68	-59	-42
	Ratio	11.3%	10.0%	6.2%	-5.1%	-3.8%
Total	Net Sales	6,932	6,500	7,669	736	1,169
	Operating Profit	288	400	346	58	-54
	Ratio	4.2%	6.2%	4.5%	0.4%	-1.6%

#### Vs. FY2022

(100 million ven)

The automobile-related industry showed an overall increase in sales due to the resolution of the impact of semiconductor shortages.

Automotive Suspension Springs turned profitable as improved selling prices in the second half offset increased fixed costs in the U.S. and Europe.

Automotive Seating saw an increase in the number of units ordered from each customer, resulting in the highest ever operating profit.

Precision Springs & Components saw a decrease in profits due to reduced quantities of HDD-related components, despite a recovery in the automobile-related industry and the boost from the weak yen.

Industrial Machinery & Others saw decreased sales and profits, primarily due to reduced quantities in semiconductor process components and the leisure sector.

#### Vs. Mid-term plan

While the Automotive Seating business is the main driver, due to the failure of the North American Automotive Suspension Springs business to achieve its profit target and a decrease in volume in HDD-related components and semiconductor process components, operating profit for the Group overall is below that of the mid-term plan.

## **Net Sales/Operating Profit by Region**



	(100 million yen)					
		FY2022	FY2	2023	Vs. FY2022	Vs. Mid-term plar
		Results	Mid-term plan	Results	Results	Results
Japan	Net Sales	3,910	4,090	4,377	466	287
	Operating Profit	247	270	299	51	29
	Ratio	6.3%	6.6%	6.8%	0.5%	0.2%
Asia	Net Sales	1,867	1,500	1,869	1	369
	Operating Profit	104	110	79	-25	-30
	Ratio	5.6%	7.3%	4.2%	-1.4%	-3.1%
America &	Net Sales	1,153	910	1,423	269	513
Europe & Others	Operating Profit	-63	20	-31	31	-51
	Ratio	-5.5%	2.2%	-2.2%	3.3%	-4.4%
Total	Net Sales	6,932	6,500	7,669	736	1,169
	Operating Profit	288	400	346	58	-53
	Ratio	4.2%	6.2%	4.5%	0.4%	-1.6%

## n plan Vs. FY2022

Japan saw a volume decrease in HDD-related components and semiconductor process components, but sales and profits increased due to positive contributions from the weak yen and increased sales in the automobile-related business centering on the Automotive Seating business.

In Asia, the automotive sector in Thailand continued to perform well, but due to a decrease in orders for automobilerelated components in China and HDD-related components in Thailand and China, profit and loss performance fell below the previous year's results.

In Europe, America, and other regions, there was a rise in personnel expenses, etc., but measures to improve selling prices made a positive contribution, and the extent of the loss was smaller than the previous year.

#### Vs. Mid-term plan

In Japan, sales decreased, especially for HDD-related components, semiconductor process components, and integrated metal substrates, but the Automotive Seating business in particular drove increased sales and profits.

In Asia, the mid-term plan was not met mainly due to reduced quantities of automotive-related components and HDD-related components in China.

Sales increased in the U.S., Europe, and other regions due to the conversion impact of the weak yen and the reflection of increased steel prices in selling prices. However, higher labor costs and delayed productivity improvements prevented achieving the targeted return to profitability.

## **Automotive Suspension Spring**



					(100 million yen)
	FY2022	FY2023		Vs. FY2022	Vs. Mid-term plan
	Results	Mid-term plan	Results	Results	Results
Net Sales	1,468	1,210	1,711	243	501
Operating Profit	-27	30	15	43	-14
Ratio	-1.9%	2.5%	0.9%	2.8%	-1.6%

## Variable Factor Analysis for Operating Profit

(Vs. Previous year)





(Vs. Mid-term plan)

#### Vs. FY2022

The impact of the semiconductor shortage was resolved, and sales increased for all operations, with the exception of China.

In the U.S. and Europe, fixed costs increased due to the surge in personnel costs resulting from the labor market crunch and decline in productivity due to the failure to secure personnel, but improved selling prices in the second half drove the turnaround to profitability.

#### Vs. Mid-term plan

Sales exceeded the mid-term plan by a large margin due to the impact of the weak yen and passing on of hikes in steel and other material costs to selling prices.

However, operating profit fell below the mid-term plan due to reduced quantities and increased fixed costs in the U.S. and Europe.

## **Automotive Seating**



					(100 million yen)
	FY2022	FY2	023	Vs. FY2022	Vs. Mid-term plan
	Results	Mid-term plan	Results	Results	Results
Net Sales	2,737	2,400	3,241	503	841
Operating Profit	73	80	191	118	111
Ratio	2.7%	3.3%	5.9%	3.2%	2.6%

Variable Factor Analysis for Operating Profit

(Vs. Previous year)

(Vs. Mid-term plan)



#### Vs. FY2022

The impact of decreased production volume due to the semiconductor shortage has mostly been resolved, and volume recovered, especially at SUBARU, Toyota, and Nissan.

Due to factors such as the increase in the yen equivalent value of overseas subsidiaries due to the weaker yen, sales and profits increased significantly. Operating profit exceeded the level of FY2016, setting a new record.

#### Vs. Mid-term plan

Although the U.S. business fell short of the profit target, Japan and Thailand drove profitability.

Moreover, the weak yen also had an impact, leading to increased sales and profits.

## **Precision Springs & Components**

NHK/	
 NHK SPRING CO.,L	TD.

					(100 million yen)
	FY2022	FY2	023	Vs. FY2022	Vs. Mid-term plan
	Results	Mid-term plan	Results	Results	Results
Net Sales	1,594	1,790	1,617	22	-173
Operating Profit	114	180	71	-43	-109
Ratio	7.2%	10.1%	4.4%	-2.8%	-5.7%

## Variable Factor Analysis for Operating Profit

(Vs. Previous year)



## (Vs. Mid-term plan)



### Vs. FY2022

Due to a recovery from production adjustments arising from the semiconductor shortage, the automobile-related industry was mostly on a recovery track.

In non-automobile-related industries, there was a significant decrease in sales and profits year-on-year due to a volume decrease in the HDD-related components, which had been performing well, with a high profit margin, until the first half of the previous year.

#### Vs. Mid-term plan

In the automobile-related field, the volume of engine and transmission springs was lower than the mid-term plan. In addition, sales of motor cores in Japan and China fell short of the plan, resulting in lower sales and profits than the original mid-term plan targets.

Although the weaker yen boosted profits for HDDrelated components, the volume decline since the first half of the previous year had a significant impact, and profits in Japan, Thailand, and China, all fell short of the targets.

## **Industrial Machinery & Others**



					(100 million yen)
	FY2022	FY2023		Vs. FY2022	Vs. Mid-term plan
	Results	Mid-term plan	Results	Results	Results
Net Sales	1,131	1,100	1,099	-32	-1
Operating Profit	127	110	68	-59	-42
Ratio	11.3%	10.0%	6.2%	-5.1%	-3.8%

## Variable Factor Analysis for Operating Profit

(Vs. Previous year)



## (Vs. Mid-term plan)



### Vs. FY2022

Due to the recovery in automobile production volume, sales in related businesses increased.

The weak yen also had an effect, but due to decreased volume for semiconductor process components and the leisure sector, sales and profits decreased year-on-year.

#### Vs. Mid-term plan

Sales increased, centering on the leisure sector (golf shafts, marine products, etc.) and car parking equipment. In addition, the weak yen had an effect, but the decrease in volume, mainly for semiconductor process components, had a significant impact, and sales and profits decreased against the mid-term plan targets.



## Financial Forecast for the Year Ending March 2025



(100 million yen)

			FY2023	F	Forecast for FY2024			Vs. FY2023	
			Results	1st half	2nd half	Full-year	Results	Ratio	
Net Sales			7,669	3,777	4,023	7,800	130	1.7%	
Operating Profit			346	142	258	400	54	15.4%	
Ratio			4.5%	3.8%	6.4%	5.1%	0.6%	-	
Ordinary Profit			478	195	275	470	-8	-1.7%	
Ratio			6.2%	5.2%	6.8%	6.0%	-0.2%	-	
Profit Attributable to Owners of Parent		391	150	250	400	8	2.1%		
Extraordinary profits/losses		90	-	85	85	-4	-5.3%		
EPS - Earning Per Share (	unit: yen)		173.27	-	-	180.62	7.35	-	
ROE - Return On Equity			10.4%	-	-	9.7%	-0.7%	-	
Average Rate	US\$		144.4	-	-	148.0	3.6	-	
	Thai Baht		4.0	-	-	4.0	-0.0	-	
Current Rate	US\$	This year	151.4	-	-	145.0	-6.4	-	
		Previous year	133.5	-	-	151.4	-	-	
	Thai Baht	This year	4.1	-	-	4.0	-0.1	-	
		Previous year	3.8	-	-	4.1	-	-	

## Variable Factor Analysis for Operating Profit



					(100 million yen)
	FY2023	Fo	Vs. FY2023		
	Results	1st half	2nd half	Full-year	Results
Net Sales	7,669	3,777	4,023	7,800	130
Operating Profit	346	142	258	400	54
Ratio	4.5%	3.8%	6.4%	5.1%	0.6%

**Variable Factor Analysis** 



### Vs. FY2023

With the start of the new mid-term plan and the Group's management policy for FY2024, plans include increased investment in human capital, including wage increases, active future-oriented research and development, and increased expenses related to DX.

On the other hand, we expect to secure profit and loss exceeding the previous fiscal year for the consolidated Group as a whole due to recovery in volume for HDDrelated and semiconductor process components and improved profitability for North American operations in the Automotive Suspension Springs business.

## **Net Sales/Operating Profit by Business Segment**

						(100 million yen)	
		FY2023	Forecast for FY2024		Vs. F	Y2023	
		Results	1st half	2nd half	Full-year	Results	Ratio
Automotive	Net Sales	1,711	865	935	1,800	88	5.2%
Suspension	Operating Profit	15	4	38	42	26	162.6%
	Ratio	0.9%	0.5%	4.1%	2.3%	1.4%	-
Automotive	Net Sales	3,241	1,516	1,584	3,100	-141	-4.4%
Seating	Operating Profit	191	43	73	116	-75	-39.3%
	Ratio	5.9%	2.8%	4.6%	3.7%	-2.2%	-
Precision	Net Sales	945	483	507	990	44	4.8%
Springs & Components	Operating Profit	6	9	31	40	33	505.5%
	Ratio	0.7%	1.9%	6.1%	4.0%	3.3%	-
Disk Drive	Net Sales	671	359	381	740	68	10.1%
Suspension	Operating Profit	64	58	58	116	51	79.7%
	Ratio	9.6%	16.2%	15.2%	15.7%	6.1%	-
Industrial	Net Sales	1,099	554	616	1,170	70	6.4%
Machinery & Others	Operating Profit	68	28	58	86	17	26.2%
	Ratio	6.2%	5.1%	9.4%	7.4%	1.2%	-
Total	Net Sales	7,669	3,777	4,023	7,800	130	1.7%
	Operating Profit	346	142	258	400	54	15.4%
	Ratio	4.5%	3.8%	6.4%	5.1%	0.6%	-

## NHK SPRING CO.,LTD.

#### **Change in Segment Classification**

Revising decision-making for resource allocation, performance management divisions, and reporting systems to management to better match actual business conditions, and changing the reporting segments starting from FY2024.

Previous: Precision Springs & Components

New: Classified into "Precision Springs & Components" and "DDS"

(DDS=Disk Drive Suspension)

#### Vs. FY2023

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Automotive Suspension Springs are expected to see decreased profits in Japan and Mexico, but increased sales and profits due to improved selling price activities in U.S. operations.

Automotive Seating is expected to see decreased sales and profits due to reduced unit numbers from model changes, decreased development income, and increased research and development expenses.

Precision Springs & Components are expected to see increased sales and profits due to expanded sales of motor cores and quantity recovery in overseas operations.

DDS and Industrial Machinery & Others are expected to see increased sales and profits due to quantity recovery in HDD suspensions, semiconductor process components, and golf shafts.

## **Net Sales/Operating Profit Forecast by Region**

							(100 million yen)
		FY2023	For	Forecast for FY2024			Y2023
		Results	1st half	2nd half	Full-year	Results	Ratio
Japan	Net Sales	4,377	2,083	2,282	4,365	-12	-0.3%
	Operating Profit	299	68	166	234	-65	-21.8%
	Ratio	6.8%	3.3%	7.3%	5.4%	-1.5%	-
Asia	Net Sales	1,869	960	1,023	1,983	113	6.1%
	Operating Profit	79	85	86	171	91	115.9%
	Ratio	4.2%	8.9%	8.4%	8.6%	4.4%	-
America & Europe &	Net Sales	1,423	734	718	1,452	28	2.0%
Others	Operating Profit	-31	-11	6	-5	26	-
	Ratio	-2.2%	-1.5%	0.8%	-0.3%	1.9%	-
Total	Net Sales	7,669	3,777	4,023	7,800	130	1.7%
	Operating Profit	346	142	258	400	54	15.4%
	Ratio	4.5%	3.8%	6.4%	5.1%	0.6%	-

## Vs. FY2023

#### Japan

A profit boost due to the weak yen and volume recovery for HDD-related and semiconductor process components are anticipated, but since the profits of the Automotive Seating business, which represents a large part of the Group's business, will be less than last year, we expect sales and profits to decrease for Japan overall.

#### Asia

We expect sales and profits to increase year-on-year due to increased volume of HDD-related components in Thailand and China and recovery of the automobilerelated business in China.

#### America & Europe & Others

We expect the extent of losses to shrink year-onyear due to sales price improvements and streamlining efforts. Since we expect to post one-time expenses due to new product launches at some Mexican operations, we expect a slight operating loss for the U.S. and Europe segment overall.



## **Automotive Suspension Spring**





**Results Comparison** 





Foreign Exchange 2

Price improvements

& discount

50

Volume, Product

mix

-8

15

FY2023

**Results** 

Fixed

costs -22

Material

market

42

FY2024

Forecast

Stream-

lining

Λ

#### Vs. FY2023

Despite expected profit decreases in Japan due to differences in product mix and temporary costs associated with the new product launches in Mexico, increased sales and profits are expected due to improved selling prices in U.S. operations.

## **Automotive Seating**





**Results Comparison** 

Variable Factor Analysis for Operating Profit

#### Vs. FY2023

We expect a slight year-on-year decrease in the Automotive Seating business sales volume due to factors such as the switching of ordered car models. In addition, we forecast that sales and profits will decrease due to the impact of factors such as a decrease in development income in Japan and increased expenditures on futureoriented research and development costs.





## **Precision Springs & Components**





#### Vs. FY2023

In Japan, we will secure increased sales and profits due to growth in motor core sales and increased volume for product lines with high profit margins.

In overseas operations as well, we forecast that operating profit will exceed the previous fiscal year since a recovery in volume is expected, especially in Thailand and China.

## DDS (Disk Drive Suspension)





**Results Comparison** 

Variable Factor Analysis for Operating Profit

#### Vs. FY2023

Demand for HDD suspensions is expected to be on a recovery track in Japan, Thailand, and China.

We forecast increased sales and profits due to the positive contribution of increased volume and the profit boost resulting from the weak yen.







## **Industrial Machinery & Others**





**Results Comparison** 



### Vs. FY2023

Although there are upfront costs associated with increased production of integrated metal substrates, increased sales and profits compared to the previous year are expected due to quantity recovery mainly in semiconductor process components and golf shafts.









# Review of the FY2023 Mid-term Plan and FY2026 Mid-term Plan

President & COO Representative Member of the Board

Kazuhisa Uemura



## Review of the FY2023 Mid-term Plan



• Steady progress has been made on the basic policies outlined in the FY2023 mid-term plan as follows.

	Strengthen further relationship & mutual trust with stakeholders	Enhancing dialogue with shareholders and investors, improving disclosures, and ensuring fair transactions Revising personnel systems, improving the effectiveness of the internal reporting system, and participating in community activities		
Further promotion of CSR activities	Sincerely strive to environmental and social issues	Implementation of the Environmental Challenge Declaration		
	Thoroughly implement quality-first manufacturing	Conducting quality audits (reduction in significant quality issues)		
Accelerate response to drastically	Strengthen actions to electrification and autonomous of automobiles	Steadily advancing the development of motor cores, high-performance Automotive Seating, integrated		
changing business environment	Create next-generation core businesses	metal substrates, etc., and simultaneously preparing mass production systems		
Secure "profit" for	Develop attractive product	Developing new products and high value-added products (XT coil springs, biomass raw material shee urethane, temper-less stabilizers, etc.)		
sustainable growth	Total cost reduction	Advancing the establishment of production systems capable of responding to sudden plan changes and promoting streamlining		



## Project Progress



Automotive Suspension Springs		Profitability Improvement Project				
	Achieving profitability	Price improvement of Automotive Suspension Springs Negotiation of appropriate price for cost increase Productivity improvement				
		SUBARU Project Establishment of a management system with QCDD Development of seats adapted to needs				
Automotive Seating	Improving customer satisfaction					
		Establishment of a management system with QCDD Development of seats adapted to needs Motor Core Project				
Motor Core	Further acceleration of electrification	Expand new sales by leveraging strengths Accelerate business by increasing competitiveness and differentiation				



# Profitability Improvement Project (Automotive Suspension Springs)



## Increasing the value of Automotive Suspension Springs

Price improvement Price pass-through of inflationary increases

## Labor productivity improvement

Productivity improvement based on rising labor costs Thorough manpower saving

## **Equipment productivity improvement**

Aim for optimal production between sites based on global utilization rates

## **Strengthening resilience and BCP**

Review of global supply structure for stable supply and production flexibility



	FY2023	FY2024	FY2025			
	Returning to profit	Profit increase	Maximum profit			
Increasing the Value of	Price improvement due to increased value					
Automotive Suspension Springs	Improvement in i	nflation increase				
Labor productivity		Three-shift				
Improvement		production				
			↓			
Equipment productivity improvement		Global multi-site production	Two-shift production			
Strengthening resilience and BCP		Optimized production system				



# SUBARU Project (Automotive Seating)



## Q: Quality

Quality creation from the development and design stages

### C: Cost

Eliminate design rework and achieve cost targets

<u>D: Delivery date</u> Clarification of processes and driving progress by Project Manager

<u>D: Development</u> Pursuit of the essence of seating Virtual development

## Establishment of Project Management (PM) structure

Centralized management of the entire project progress and a single point of contact with the client Specialized teams focus on their own tasks to improve efficiency

## Customer Evaluation

Received the "Production Supply Contribution Award"



# Motor Core Project (Precision Springs)



## Establishment of global production system

-Responding to increased orders-

- Start of operation of the new production building (Atsugi Plant)
- Start of construction of the new plant (Mexico)

## Increased die fabrication capacity

- Increase and train more designers
- Expansion of machining facilities
- Add design and manufacturing base in Thailand
- Strengthening collaboration with Japanese suppliers

## **Development of new construction methods**

- Considering mass production line for interlockless lamination
- Establishing mass production for glue bonding core method
- Developing new interlock-less + methods
- Considering and proposing added value

## Proactive response to prototypes

- Reinforcement of design system
- Reinforcement of prototype production system
- Introduction of dedicated large press machine for prototype production
- Integrated response from prototyping to mass production






# FY2026 Mid-term Plan

# 2026日計

NHK Group Fundamental Policies for 2026 Mid term Plan

#### グループ基本方針

### ~人を大切にし、社会へ貢献する~ ~サステナビリティ活動のさらなる推進~

- Respect for People & contribute to society ~ Further promotion of sustainability ~



Contributing to society





Purchase appropriately, manufacture accurately, market and sell properly NHKニッパツ





**Respect for People** 



## NHK Group Fundamental Policies for 2026 Mid term Plan



—Further	Respect for People	<ul> <li>Strengthening trust with stakeholders</li> <li>Build a safe and secure company and a rewarding and comfortable workplace</li> <li>Supporting the growth and development of a diverse employee base</li> </ul>		
r promotion of sustair r People & contribute	Contributing to society	<ul> <li>Providing indispensable key components</li> <li>Speeding up actions towards global environmental changes</li> <li>Contributing to the local community</li> </ul>		
inability— e to societv—	Purchase appropriately, manufacture accurately, market and sell properly	<ul> <li>"Quality First" &amp; elevating the power of manufacturing</li> <li>Promoting Digital Transformation (DX) &amp; strengthening competitiveness</li> <li>Promoting fair transactions and strengthening CSR in procurement</li> </ul>		



(100 million yen)

	FYE '24/3 (FY2023) Results	FYE '27/3 (FY2026) Plan	Results	Ratio
Net Sales	7,669	8,500	830	10.8%
Operating Profit	346	520	173	50.1%
Ratio	4.5%	6.1%	1.6%	
Ordinary Profit	478	570	91	19.2%
Ratio	6.2%	6.7%	0.5%	
Profit Attributable to Owners of Parent	391	430	38	9.7%

• Planning for increased sales of substrates for components for electric vehicles and motor cores in the automotive market.

Anticipating a recovery in demand for HDD-related components and semiconductor process components in the information and communication market.

Promoting automation and improving productivity to increase profit margins.

## FY2026 Mid-term Plan Sales and Operating Profit Goals by Segment



(100 million yen)

		FYE '24/3 (FY2023) Results	FYE '27/3 (FY2026) Plan	Increase/ Decrease	Growth Rate	Operating Profit Factors for the differences
Automotive	Net Sales	1,711	1,738	26	1.5%	<ul> <li>Increased sales and profits through the establishment of a stable production and supply system across all global operations.</li> </ul>
Suspension	Operating Profit	15	52	36	225.1%	Contributed to profit growth through the promotion of new technology and product     development and manufacturing reforms
Spring	Ratio	0.9%	3.0%	2.1%		Reconstructed two U.S. bases to achieve profitability.
Automotive	Net Sales	3,241	3,071	-170	-5.3%	<ul> <li>Despite decreased sales and profits, steady profit secured in existing businesses by strengthening responses to customer needs</li> </ul>
Seating	Operating Profit	191	120	-71	-37.2%	<ul> <li>Strengthening competitiveness to secure orders for successor models.</li> </ul>
	Ratio	5.9%	3.9%	-2.0%		
Precision	Net Sales	945	1,050	104	11.1%	<ul> <li>Increased sales and profits through the expansion of the motor core business and the development of new products.</li> </ul>
Springs &	Operating Profit	6	43	36	550.9%	<ul> <li>Additionally, contributed to profit growth by strengthening the profitability of existing husing approx</li> </ul>
Components	Ratio	0.7%	4.1%	3.4%		Dusinesses.
Disk Drive	Net Sales	671	1,171	499	74.3%	<ul> <li>Increased sales and profits through streamlining, focusing on HDD suspensions and micro contactors, which are expected to recover in the market.</li> </ul>
Suspension	Operating Profit	64	190	125	194.3%	
	Ratio	9.6%	16.2%	6.6%		
Industrial	Net Sales	1,099	1,470	370	33.7%	<ul> <li>Increased sales and profits through a focus on semiconductor process components and integrated metal substrates.</li> </ul>
Machinery &	Operating Profit	68	115	46	68.8%	<ul> <li>Ending the chemical products business and transferring/consolidating equipment among lapanese bases</li> </ul>
Others	Ratio	6.2%	7.8%	1.6%		Japanese bases.
	Net Sales	7,669	8,500	830	10.8%	
Total	Operating Profit	346	520	173	50.1%	
	Ratio	4.5%	6.1%	1.6%		A*

## FY2026 Mid-term Plan: Regional Sales and Operating Profit Targets



(100 million yen)

		FYE '24/3 (FY2023) Results	FYE '27/3 (FY2026) Plan	Increase/ Decrease	Growth Rate	Operating Profit Factors for the differences
Japan	Net Sales	4,377	5,053	675	15.4%	<ul> <li>In the automobile-related industry, although reduced profits are expected in the Automotive Seating business, sales expansion of motor cores and in-vehicle integrated metal substrates, which are the peyt growth businesses, is anticipated</li> </ul>
	Operating Profit	299	340	40	13.7%	<ul> <li>In non-automobile-related industries, operating profit is expected to increase due to the growth in quantities of HDD-related components, semiconductor process</li> </ul>
	Ratio	6.8%	6.7%	-0.1%		components, and leisure sector products.
Asia	Net Sales	1,869	2,098	228	12.2%	<ul> <li>Particularly driven by the HDD-related component business in Thailand and China.</li> <li>Increased sales and profits are expected due to the recovery in quantities of HDD-related components from fixed 2024 converte and the recovery in quantities does not fixed for people.</li> </ul>
Operating Profit         79         168         88           Ratio         4.2%         8.0%         3.8%	168	88	112.1%	HDDs.		
America & Europe &	Net Sales	1,423	1,349	-74	-5.2%	Continuously promoting productivity improvement and price negotiation efforts due to inflation.
Others	Operating Profit	-31	12	43	0.0%	<ul> <li>Optimizing the global production system to ensure stable production and maximize profits.</li> <li>Making the U.S. bases, which are a challenge, profitable.</li> </ul>
	Ratio	-2.2%	0.9%	3.1%		
Total	Net Sales	7,669	8,500	830	10.8%	
	Operating Profit	346	520	173	50.1%	
	Ratio	4.5%	6.1%	1.6%		

## FY2026 Mid-term Plan: New Management and Financial Indicators Targets







FY2026 Mid-term plan . Newly added management indicators						
			FY2023 (Results)	FY26 Mid-term plan (Targets)		
	Target	Net Sales	766.9 billion yen	850 billion yen		
	for Net Si	Operating Profit (Ratio)	34.6 billion yen (4.5%)	52 billion yen (6.1%)		
	ales and l	Ordinary Profit (Ordinary margin)	47.8 billion yen (6.2%)	57 billion yen (6.7%)		
	ncome	Net Income (Net margin)	39.1 billion yen (5.1%)	43 billion yen (5.1%)		
	Investment Efficiency	ROE	10.4%	Over 10%		
		ROIC	6.1%	Over 7%		
Π	Shareholder Return	Dividend payout ratio	24.2%	Over 30%		
ïnancial I	Annual Average Growth Rate (CAGR) of	Motor Core	-	14%		
ndicators		Semiconductor process components	-	18%		
	*FY2023 to FY2030	Integrated metal substrates	-	24%		
	Soundness	Stockholder's Equity to Total Assets Ratio <sup>2</sup>	58.7%	Over 50%		
	Policy- holding shares	Net asset ratio	20.4%	Below 20%		

(Note) 2. Stockholder's Equity to Total Assets Ratio is adopted as an indicator of soundness, and the target level will be continuously reviewed from the perspective of capital policy.

## FY2026 Mid-term Plan: Capital Costs and Cash Allocation



Comparison of ROIC and WACC	Prioritizing capital allocation for growth investments aimed at enhancing corporate value in the medium to long term.			
FY26 Mid- FY2023 term plan (Results) (Tarrets)	Cash In	Cash Out		
ROIC (Company -wide)     6.1%     7.0% or higher		Investment 250 billion yen	Investment in Human Capital 50 billion yen	Improvement of treatment and workplace environment to enhance employee engagement
WACC <sup>1</sup> 6.3 %			DX investment 20 billion yen	Investment in core systems and AI technology to promote operational reforms
-wide) Reference/ROIC by Business Segment <sup>2</sup> *FY2023 actual results	Operating CF		CN investment 10 billion yen	Promoting CN activities through electrification of production equipment and purchase of renewable energy
Automotive Suspension 1.1% Springs	270 billion yen		R&D investment 70 billion yen	Accelerating activities for new product development and market launch, and promoting value enhancement measures for existing products
Automotive Seating 20.2%			Business investment 100 billion yen	Strengthening "quality-first" manufacturing capabilities through continuous technological innovation
Precision Springs & 0.6% Components	Sale of policy-holding shares	Shareholder returns	Dividends 40 billion yen	Stable dividends considering consolidated performance and payout ratio
Disk Drive Suspension 10.9%	New borrowings from financial institutions 25 billion yen	60 billion yen	Share buybacks 20 billion yen	Shareholder returns through share buybacks and cancellations, and achieving a capital structure that considers efficiency and safety
Industrial Machinery & 6.2% Others	*1. When calculating WACC, the risk-free rate is the two-year weekly equity risk premium 2. ROIC by business segment is calculated si	is the yield on newly issued 10-year gove since 1974, and $\beta$ uses the company's h mply by aggregating non-current assets a	ernment bonds, the equity risk premium istorical beta for 60 months. and inventories from the perspective of m	nanagement efficiency

2. ROLE by business segment is calculated simply by aggregating non-current assets and inventiones from the perspective of management enciency.
 3. Operating CF of 270 billion yen is calculated by adding 100 billion yen of investment costs (30 billion yen in human capital investment, 40 billion yen in DX investment, and 66 billion yen in R&D investment) included in cash out to the original operating CF of 170 billion yen.



Theme	Mid-term Plan Goals (FY2026 Goals)
Reduction of CO <sub>2</sub> emissions	<ul> <li>CO<sub>2</sub> emissions: 103,000 tons-CO<sub>2</sub> <sup>*1</sup> (33% reduction compared to FY2013)</li> </ul>
	Energy saving, electrification/conversion to electric vehicles, technological innovation, introduction of renewable energy, and purchase of renewable energy Plan to reduce 75,000 tons-CO <sub>2</sub> against the trend CO <sub>2</sub> emissions of 178,000 tons-CO <sub>2</sub> due to production increase
Reduction of industrial waste volume	<ul> <li>Industrial waste volume: 33 tons *2 (73% reduction compared to FY2013)</li> </ul>

\*1 Target: Company and Japanese Group companies, SCOPE1+SCOPE2

\*2 Target: Company and Japanese Group companies, non-recyclable materials



Theme	Measures
Rewarding Workplace	<ul> <li>Introduction of recruitment methods to secure personnel with multifaceted thinking</li> <li>Abolition of seniority elements and review of treatment</li> <li>Renewing the education system aimed at eliminating individual dependency</li> </ul>
Comfortable Workplace	<ul> <li>Increasing disposable time through operational efficiency using systems</li> <li>Preparing working conditions to maximize employee performance</li> </ul>
Safe and Secure Company	<ul> <li>Reducing heavy labor and strengthening health consultation services</li> <li>Eradicating harassment to maintain employee morale</li> </ul>



# FY2026 Mid-term Plan (By Business Segment)

# Issues and Initiatives of Each Business (Automotive Suspension Springs)

- Establishing a stable production and supply system across all global operations
  - ⇒ "Profitability Improvement Project" will be managed as part of the FY26 Mid-term Plan measures going forward





- Efforts towards achieving profitability at two North American bases
- Promoting selling price improvements, productivity improvements, and optimal order strategies
- New technology and product development and market launch to improve competitiveness
- —Enhancing the added value of "springs"
- Improving productivity through promoting manufacturing reforms
- Strengthening the global production technology support system



# Issues and Initiatives of Each Business (Automotive Seating)

 Ensuring steady profits in existing businesses by developing products that meet customer needs, and strengthening competitiveness to secure orders for successor models.



## Issues and Initiatives in the FY26 Mid-term Plan

- Focusing on developing seats that respond to electrification, autonomous driving, and environmental issues
  - -Promoting differentiation through comfort and fundamental technology development
  - Expanding sales through the development of value-added devices
  - —Securing core technology patents
  - ⇒ "SUBARU Project" will be managed as part of the FY26 Mid-term Plan measures going forward
- Eliminating heavy labor through the use of robots and automation





#### 51

# Issues and Initiatives of Each Business (Precision Springs & Components)

 Expanding the motor core business and developing new products in anticipation of accelerated electrification





- Expanding the motor core business
  - -Enhancing the global production system and prototype development environment
  - ⇒ "Motor Core Project" will be managed as part of the FY26 Midterm Plan measures going forward
- Efforts towards electrification components
  - Expanding sales of new products such as control devices and connection components
- Strengthening the profitability of existing businesses



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NHK SPRING CO., LTD.

## Issues and Initiatives of Each Business (Disk Drive Suspension)

 Focusing on HDD suspensions and micro contactors, which are expected to recover in the market, pursuing streamlining while maintaining a high-profit structure



Issues and Initiatives in the FY26 Mid-term Plan

- Promoting smart factory implementation
   —Minimizing labor hours through the deployment of material handling AGVs
  - -Stabilizing quality and deploying AOI through DX promotion
- Increasing market recognition and establishing a business foundation through sales expansion
- Exploring new products leveraging Disk Drive Suspension core technology



# Issues and Initiatives of Each Business (Industrial Equipment and Others)

 Focusing on semiconductor process components and integrated metal substrates, and reorganizing other businesses



# Issues and Initiatives in the FY26 Mid-term Plan

- Strengthening the system in line with the business expansion of semiconductor process components
  - -Increasing production capacity by expanding the Miyata Plant
- Establishing a mass production system for integrated metal substrates
- —Building a mass production system at the Komagane Plant
- -Preparing for production at the new production building in Malaysia
- Ending the chemical products business and transferring/consolidating equipment among Japanese bases





# 2026日計

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# **Supplementary Materials**



# Review of the FY2023 Mid-term Plan

## Comparison of equipment investment and depreciation costs: Mid-term plan vs. actual results



			(100 million yen)
		FY2023	FY2023
	Mi	d-term plan	Results
Capital	Japan	536	567
Investments	Overseas	343	314
	Total	880	882
Depreciation &	Japan	535	460
Amortization	Overseas	349	395
	Total	885	855

57

## **Progress Status of Each Business** (Automotive Suspension Springs)



- Despite the impact of semiconductor shortages and soaring steel prices, the balance improved over three years.
- In North American operations, fixed costs increased due to rising labor rates and worsening employment conditions, but selling price improvement negotiations helped secure an operating profit for the spring business as a whole.

#### Results Comparison (100 million yen)



#### Issues and Initiatives of the FY23 Mid-term Plan

- Creating new technologies and new products Developed XT coil springs, which are 34% lighter than conventional products that withstand the same load, through new taper molding
- Deficit operations in U.S. change to profitable, and profitability improvement in European operation

The situation remains challenging due to rising labor costs and delays in productivity improvement. Continuously promoting profit improvement.

#### Building up optimize production structure

Completed transfer of the leaf spring assembly process to an affiliated company

Considering changes in the number of production shifts and reviewing the global supply system for coil springs and stabilizers

#### Thorough manufacturing cost reduction

Continuing efforts to reduce fixed costs and promote streamlining.

### **Progress Status of Each Business (Automotive Seating)**



• Despite the impact of semiconductor shortages, sales and operating profit significantly exceeded the mid-term plan due to the subsequent recovery in unit numbers.

#### Results Comparison (100 million yen)



#### Issues and Initiatives of the FY23 Mid-term Plan

- Steady reaction to Model change
   Smooth response as planned
- Improve profitability in North America new plant
   Completed transfer to the new plant
   Improved profitability through logistics improvements, etc.
- Reduce development cost and lead time, by improving analyze technologies

Continuing activities aiming to halve the static strength test

- Steady reaction to required quality level from customers
   Promoting further level-ups through review of development procedures and introduction of AI visual inspection
- Developing new seat required in Auto-driving era
   Promoting the development of unique items required for autonomous driving

## **Progress Status of Each Business (Precision Components)**



- In the automotive-related business, motor cores in Japan and China and springs for engines and transmissions were underperforming.
- In the information and communication-related business, the decline in HDD demand since the second half of 2022 had a significant impact.

#### Results Comparison (100 million yen)



Issues and Initiatives of the FY23 Mid-term Plan

- Steady reaction to EV tend acceleration
  - Strengthening motor core production capacity in Mexico
  - Expanding thin plate springs for HEVs and EVs
- Adequate reactions to nearline HDD demand increase, and increasing sales share

Further productivity improvement anticipating the recovery of HDD demand

 Cost reductions by Productivity improvement and applying Al Promoting data processing and analysis using Al

## **Progress Status of Each Business** (Industrial Machinery & Others)



• Although there was growth in the automotive and leisure-related businesses, the significant impact of the decline in demand for semiconductor manufacturing equipment since the second half of 2022 prevented the achievement of the mid-term plan goals in the final year.

#### Results Comparison (100 million yen)



#### Issues and Initiatives of the FY23 Mid-term Plan

#### • Semi-conductor manufacturing machine parts

The prolonged slump in the memory market is expected to delay a fullscale demand recovery until FY2025 or later.

#### Integrated Metallic Substrate

Increasing production capacity in Japan (Komagane Plant) and Malaysia

#### ◆ Pipe support & Security device

Promoting profit improvement through selection and concentration

Accelerate development speed, and expand sales by new products.

Developing showerhead products and next-generation thermal spray products



# FY2026 Mid-term Plan Assumptions



			(Thousands of units)
		FY2023 Results	FY2026 Mid-term plan
Global	Japanese	25,400	28,100
	Other	63,200	70,400
	Total	88,500	98,500
Japan	Japanese	8,500	9,500
North	Japanese	4,300	4,500
America	Other	8,000	8,400
	Total	12,300	12,900
China	Japanese	3,900	3,500
	Other	26,000	28,200
	Total	29,900	31,700
Thailand	Japanese	1,600	1,500
	Other	300	500
	Total	1.900	2,000

- The impact of the COVID-19 pandemic and semiconductor shortages was almost resolved in 2023.
- Particularly in developed countries, the global economic growth rate is expected to slow down, with gradual growth anticipated from 2024 onwards.



	CY2023 Results	CY2026 Mid-term plan
HDD (Millions of units)	122	118
Suspension (Millions of units)	1,017	1,585

- Amid investment cuts due to economic uncertainty, focusing on AI investment and optimizing data center operations reduced HDD demand.
- Meanwhile, the global data volume continues to grow, and nearline HDD demand remains strong.
- The number of disks used per nearline HDD is increasing, and the number of suspensions is also expected to increase.



		(Billions of dollars)
	FY2023 Results	FY2026 Mid-term plan
Front-end	99	125
Back-end	9	13
After-service	24	37
Total	132	175

- Semiconductor Market Accelerated investment in AI generation that uses a large amount of CPU and memory, and increased demand due to the electrification of automobiles.
- Equipment Market
   Expected full recovery from 2025 onwards, with 2023 to 2024 being the bottom.
   Factory construction plans are ongoing in various countries, with market expansion anticipated.



# Responses to achieve management conscious of capital costs and stock prices

### Significance of setting new management indicators



FY2023 Mid-term Plan Targets	Back	ground	for adopting new indicators (issues to address)		Sign Plan	ificance of setting targets for the FY2026 Mid /Related Indicators	d-term
Target for Net Sales and IncomeIncomeNet SalesOperating ProfitOrdinary ProfitProfit Attributable to Owners of ParentTarget for Financial IndicatorRatioROEDividend payout ratio	Externa	Requests for guidance	<ul> <li>The Stewardship Code suggests using indicators directly linked to shareholder returns, such as ROE and payout ratios, for institutional investors' voting criteria.</li> <li>The Business Restructuring Practical Guidelines promote portfolio review using a four-quadrant framework based on capital profitability and growth potential.</li> <li>The Japan Exchange Group introduces examples of indicators like capital costs, capital profitability, and market valuation for analyzing the current state to enhance corporate value.</li> </ul>		of ROIC	<ul> <li>Backgrounded by guidance from various sources, shareholders/investors demand the adoption of capital efficiency/capital cost, and although the company discloses ROE externally, internal utilization is insufficient.</li> <li>This mid-term plan introduces ROIC to raise awareness of invested capital, illustrate the relationship between measures, and show how each measure leads to increased corporate value, aiming for its entrenchment as an important indicator.</li> </ul>	ROIC/ ROE
	l requests	Shareholder/investor requests	<ul> <li>Many shareholders demand the use of ROIC (especially by business segment) in addition to ROE as a capital efficiency measure along with capital costs.</li> <li>Additionally, there are requests from both shareholders and investors for the disclosure of medium- to long-term cash allocation.</li> <li>Other comments include those on growth potential, equity ratio, PBR improvement, and stock price enhancement.</li> </ul>	] 1	Strengthening shareholder returns	<ul> <li>In the previous mid-term plan, the target payout ratio was set at 30%, but in this mid-term plan, the goal is over 30%, aiming for gradual dividend increases.</li> <li>Setting a target amount for share buybacks as part of cash allocation</li> <li>Continuing proactive shareholder returns through dividends and share buybacks</li> </ul>	Dividends Payout/ Share buybacks
		Internal issues	<ul> <li>Although ROE was adopted as a capital efficiency indicator in the previous mid-term plan, internal penetration remains a challenge.</li> <li>Insufficient awareness of invested capital, such as non-current assets and inventories, in each production division.</li> <li>Policies on capital policies like share buybacks, sale of policy-holding shares, and dividends are unestablished.</li> </ul>	- 1 - 2 - 3	of financial strategy	<ul> <li>Recently disclosed policies on share buybacks and handling of policy-holding shares, which were previously non-existent.</li> <li>Disclosing mid- to long-term capital allocation according to shareholder/investor requests in the mid-term plan to demonstrate validity.</li> <li>Additionally, clearly stating the criteria for the equity ratio along with strengthening shareholder returns.</li> </ul>	Cash Allocation/ Stockholder's Equity Ratio

# Impact on employees and direction of measures from the introduction of new management indicators



Direction of measures	ROIC decomposition tree						
Establishment of management/ operational system	Improvement measures (examples) Price increase Strepothening cross-						
Considering reflection in organizational structure/personnel evaluations as necessary	Net Sales selling/ Upselling ■ New businesses, etc.						
Explanation for executives of production divisions and permeation	ROIC Return on sales Manufacturing cost rate Reviewing material purchase prices, etc. Using the tree, it is possible to drill down to the daily KPIs each employee follows and						
Collaboration/ linkage	SG&A ratio <ul> <li>Reviewing head office fixed costs (e.g., rent)</li> <li>Cost reduction</li> <li>Consolidating indirect operations, etc.</li> </ul> their improvement measures						
<ul> <li>with on-site improvement activities</li> <li>Considering additional measures if key drivers, etc., require further improvement</li> </ul>	Invested capital       Non-current assets turnover ratio       Setting/reviewing equipment investment criteria       • Additionally, clarifying how employees' daily activities contribute to company-wide KPIs						
Review for the next mid-term plan  Reviewing calculation methods, target levels, and disclosure ranges based on the FY2026 mid-term plan for the FY2030 mid-term plan  Setting target values by	turnover       ratio         Current assets       Establishment/review of         turnover ratio       Strengthening         manufacturing and sales       coordination, etc.						
business segment, etc.							

### Relationship with system-related measures (DX) and personnel-related measures (human capital management)



	System-related measures (DX)	Personnel-related measures (human capital management)							
Return on	<ul> <li>Reducing prototypes through improved analysis simulation accuracy (improving proposal speed)</li> </ul>			Introduction secure pe	Increasing		Eradicating I em	Challenge Personnel who can growithout being constrain	ow ned by
sales	<ul> <li>Reducing prototypes through improved analysis simulation accuracy (identifying causes of defects)</li> <li>Fostering data scientists</li> <li>Improving the die design process through simulation and AI utilization (improving defect rates)</li> <li>Gate management through process digitalization</li> <li>Comparing checkpoints and equipment data in each process without human intervention</li> <li>Improving the die design process through simulation and AI utilization (increasing lifespan)</li> <li>Unified management of factory initiatives and horizontal deployment of best practices</li> <li>Shortening the equipment verification period using a digital virtual space</li> <li>Reducing prototypes through improved analysis simulation accuracy (shortening lead time)</li> <li>Real-time acquisition of sales information</li> <li>Core system updates and operational efficiency</li> </ul>	Improvi	thinking	of recruitment metho rsonnel with multiface	disposable time throug using syster		narassment to maintai ployee morale	existing frameworks Personnel with high te skills and multifaceted Personnel with a "sens trends and demand	chnical thinking se" for
Manufacturing cost rate		ng the productivity (value creation capacity) of each employee		ds to ted	ns pe			Completion	
and SG&A ratio			Rewardin	Abolition of s	erational efficiency Comfortab	Safe and Se	Enhancing welfi clothing, food,	<ul> <li>Personnel determined achieve goals</li> <li>Personnel with high communication skills</li> </ul>	to
			g Wo	eniori	ole ₩	ecure	are (a and h	Co-creation	
Non-current assets turnover ratio			rkplace	ty elements and Ren	Preparing working condi perfo orkplace	Company	arranging Reducing	<ul> <li>Personnel who can ad research leading to ne technologies and intell property by collaborati external organizations</li> <li>Personnel who can int manage the strengths</li> </ul>	vance w ectual ng with entionally of
capital - turnover ratio				ewing t	brmand		y heav alth cc	manufacturing collabo and pass on technolog	ration Iv
			g	he edu	o max		y labo onsulta		<b>,</b>
Current assets turnover ratio				ividual dependency	timize employee		or and strengthening ation services	<ul> <li>Personnel with a metic nature and the imagina capture market deman</li> <li>Personnel who know corganizations and can things from a broad per</li> </ul>	ulous ation to ds other view erspective
			Er	hancii	ng enga	gemen			

#### Porsonnal-related massures (human capital management)



#### Current analysis

- PBR has been around 0.6 times in recent years, but currently, it is around 1.0 times.
- Understanding that this is due to the evaluation of past business activities and shareholder return measures.
- Analyzing that expectations from the capital market are rising for the enhancement of shareholder returns, growth strategies, and cash allocation disclosure in the FY2026 mid-term plan.





<ul> <li>Established a dedicated IR/SR department to strengthen dialogue with shareholders and investors</li> <li>Renewed the website and expanded disclosure information</li> </ul>						
Establishment of a dedicated department	<ul> <li>Established the Corporate Communications Department in April 2022 to strengthen dialogue with shareholders and investors and expand disclosure information.</li> </ul>					
Strengthening dialogue with management	<ul> <li>Conducting financial results briefings, small meetings, and factory tours with the participation of the president</li> </ul>					
Main themes and po	ints of interest in dialogues	Feedback implementation status				
<ul> <li>Company's advantage in growth businesses</li> <li>Responses to the elect</li> <li>Financial strategy, cas</li> <li>Efforts to strengthen compared to the strengthen compared t</li></ul>	es and sales expansion status ctrification of vehicles sh allocation corporate governance	<ul> <li>Summarizing the above opinions, questions, analyst reports, stock price trends, etc., feedback is provided to the executive meeting</li> </ul>				




# **Details of Net Sales (full-year)**



Automotive Suspension Springs		■Japan ■Asia ■US, EU & Others				
FY2022 Result	590 438 439					
FY2023 Result	663 457 591				Japan	Asia
FY2024 Forecast	699 460 641	_	Automotive	FY2022 Result	590	438
Automotive Seating			Suspension	FY2023 Result	663	457
FY2022 Result	1.432	708 596		FY2024 Forecast	699	460
FY2023 Result	1.800	754 686		FY2022 Result	1,432	708
FY2024 Forecast	1 752	671 677	Automotive Seating	FY2023 Result	1,800	754
Precision Springs & Components	1,702			FY2024 Forecast	1,752	671
FY2022 Result	771 704 117	Including "DDS"	Dresision	FY2022 Result	771	704
EV2022 Result	502 207 <b>1</b> 45		Springs	FY2023 Result	592	207
EV2024 Ecroport			Components	FY2024 Forecast	618	238
F12024 F01ecast	018 238 134 [Segm	nent classification changed from the fiscal year		FY2023 Result	242	429
Disk Drive Suspension	ending	g March 2025] the fiscal year ended March 2024 onwards.	Disk Drive Suspension	FY2024 Forecast	152	588
FY2023 Result	242 429 0 reclas	sified from "Precision Springs & Components"		EV2022 Popult	1 116	15
FY2024 Forecast	15 <mark>2 588 0 to Pro</mark>	ecision Springs & Components" and "DDS"	Industrial	FY2022 Result	1,110	15
Industrial Machinery & Others			& Others	FY2023 Result	1,078	21
FY2022 Result	1,116 15			FY2024 Forecast	1,144	26
FY2023 Result	1,078 ~21			FY2022 Result	3,910	1,867
FY2024 Forecast	1,144 <mark>- 26</mark>		Total	FY2023 Result	4,377	1,869
(	) 500 1,000 1,500	2,000 2,500 3,000 3,500		FY2024 Forecast	4,365	1,983

Total 1,468

1,711

1,800

2,737

3,241

3,100

1,594

945

990

671

740

1,131

1,099

1,170

6,932

7,669

7,800

(100 million yen)

US, EU &

Others

439

591

641

596

686

677

117

145

134

-

-

-

-

-

1,153

1,423

1,452

# **Assets Status**



(100 million yen)

	FY2019	FY2020	FY2021	FY2022	FY2023	Increase/ Decrease	
	Results	Results	Results	Results	Results		
Total Assets	5,326	5,607	5,880	6,060	6,902	842	
Stockholder's Equity	2,709	2,839	3,226	3,492	4,050	558	
Stockholder's Equity to Total Assets Ratio	50.9%	50.6%	54.9%	57.6%	58.7%	1.1%	
Cash and Bank Deposits	745	793	921	729	1,032	303	
Interest-Bearing Debt	581	697	505	500	474	-26	
Net Cash	164	95	416	229	558	329	

# **Balance Sheet Status**





#### ▼ Assets

In addition to the continued impact of the weak yen, cash and deposits increased due to the sale of investment securities and investment securities and retirement benefit assets increased due to an increase in fair value.

#### ▼ Liabilities

Income taxes payable increased due to the sale of investment securities, and deferred tax liabilities increased due to a rise in the fair value of investment securities.

#### ▼ Net Assets

The valuation difference on availablefor-sale securities, foreign currency translation adjustment, and remeasurements of defined plans, net of tax, increased. In addition, retained earnings increased due to profit attributable to owners of the parent.

# **Capital Investment/Depreciation & Amortization by Business Segment**



(100 million yen)

		FY2022	FY2023	FY2024
		Results	Results	Forecast
Capital Investments	Automotive Suspension Springs	45	58	88
	Automotive Seating	46	49	61
	Precision Springs & Components	104	107	84
	Disk Drive Suspension	121	45	74
	Industrial Machinery & Others	58	82	163
	Company-wide sharing	9	27	42
	Total	280	370	512
	Vs. Previous year	20.7%	31.8%	38.4%
<b>Depreciation &amp; Amortization</b>	Automotive Suspension Springs	66	63	66
	Automotive Seating	55	56	48
	Precision Springs & Components	110	47	53
	Disk Drive Suspension	113	63	68
	Industrial Machinery & Others	35	35	45
	Company-wide sharing	17	19	27
	Total	288	286	307
	Vs. Previous year	2.0%	-0.7%	7.1%

# Capital Investment/Depreciation & Amortization by Region



(100 million yen)

		FY2022 Results	FY2023 Results	FY2024 Forecast
Capital Investments	Japan	178	259	280
	Asia	61	75	172
	US, EU & Others	40	34	60
	Overseas total	102	110	232
	Total	280	370	512
Depreciation &	Japan	149	146	178
Amortization	Asia	86	92	88
	US, EU & Others	52	47	41
	Overseas total	139	139	129
	Total	288	286	307

## Supplementary Materials

## **Cash Flow Status**





# Sales Breakdown to Each of the Major Car Makers



Major car makers	FY2022	FY2023
SUBARU Group	16%	18%
Nissan Group	15%	16%
Toyota Group	14%	13%
Isuzu Group	7%	7%
Honda Group	4%	4%
Suzuki Group	4%	4%
Mazda Group	1%	1%
Top 3 Companies	45%	

(Note) The percentages show share versus total net sales.



## **Quarterly Sales Trends** (Motor Core, Semiconductor Process Components, Integrated Metal Substrates, Leisure Sector)



		FY2022			FY2023				FY2024			
		1Q	2Q	3Q	4Q	Full- year	1Q	2Q	3Q	4Q	Full- year	Full- year
Precision Springs & Components	Motor Core	18	21	17	20	78	28	28	28	33	119	130
Industrial Machinery & Others	Semiconductor process components	60	70	64	38	235	31	40	39	41	154	171
	Integrated metal substrates	16	17	22	18	74	21	21	22	19	84	98
	Leisure Sector (Golf Shafts, Marine Products, etc.)	42	45	43	42	173	40	40	34	33	148	155

# **Major Overseas Operations**

# NHK SPRING CO.,LTD.



## **Motor Core**







NHK produce Motor Cores, which are laminated iron cores used in the motors—drive motors and/or power generators—for EV and HV vehicles.

They are made by some hundred layers of 0.25 to 0.35 mm thickness electromagnetic steel sheets which are stamped out one by one, and are fastened together by caulking or welding.

The motor core consists of the Rotor Core, which has a magnet inserted and serves as the rotating part of the motor, and the Stator Core, which is the fixed winding part.

Electric power from battery is supplied to the motors through inverters, and Rotor Cores—which contains magnets—are pulled and repelled by rotating magnetic field generated in the Stator Cores—which are wound with coils—, causing Rotor Cores high speed rotation.

Thin plate laminated iron cores can easily pass through magnetic field lines, and have ability to generate stronger magnetic force.

NHK Motor Cores are diameter of around 200 mm and height of around 150 mm, which is a relatively large size for the precision stamped products that NHK produce; but NHK has built up an ability over the many years, to produce dimensional accuracy as micron level, through our production of automotive parts and HDD (hard disk drive) parts, to be able to produce this kind of large, ultra-high precision stamped products.

The press dies essential for motor core production are designed, manufactured, and maintained entirely in-house, enabling the production of the same quality motor cores in our global operations in Mexico and China as well as our Atsugi Plant in Japan.

# Suspension for HDD (Hard Disk Drive) Read-Write Head







Suspensions for HDD are unique spring products, holding read-write head in Hard Disk Drive devices.

In these days, there are much more HDDs in the Data Center in the companies ,who operates SNS and/or Video sharing sites—rather than used in Personal computers—; In these Data Centers, Ultra-large capacity HDDs line up with unit of hundreds of thousands.

A lot of CLA type suspensions (Refer Note <sup>1.</sup> : hereinafter CLA) are used in these kind of HDDs; for example, in the picture (left), 18 pieces of CLA are used in 1 HDD equipment. The CLA is an Ultra-small actuator, built into the tip of the suspension, which moves read-write head. The CLA types can make finer movement at higher speed, rather than DSA type suspensions (Refer Note <sup>2.</sup> : hereinafter DSA), a conventional product with a small actuator built into the center.

If you compare it to a human part, DSAs use up to the wrist, and CLAs use up to the fingertips; It has become an indispensable product for ultra-large capacity HDDs, by improving positioning accuracy and speed, with speedy & fine movements.

NHK Spring had started CLA mass-production from January 2016—first in the world—and have top share of the world.

\*Note 1 : CLA stands for "Co-Located Actuators" \*Note 2 : DSA stands for "Dual Stage Actuators"



Stage heater with multi-zone temperature distribution control function for film deposition equipment



Ceramics spray-coated cooling plate for etching equipment



In semiconductors, conductors and insulators are drawn in a fine and complicated pattern on a silicon substrate to form a circuit. NHK's semiconductor process components are used in the key processes of "film formation" and "etching" in semiconductor manufacturing.

NHK's stage heaters are widely used in film formation processes such as CVD and ALD\*. Mainly made of aluminum alloy and stainless steel, advanced joining techniques developed over many years allow for the realization of complex internal structures.

\*CVD stands for Chemical Vapor Deposition

\*ALD stands for Atomic Layer Deposition

In making full use of our own heater element design technology and analysis technology for simulation, it is possible to arrange multiple heater elements, refrigerant channels, and heat insulating space, which enables to realize not only equalize temperature distribution, but also active temperature distribution control, that partially generates a difference in the range of several tens of degrees.

Regarding to etching equipment, we are manufacturing important stage parts called cooling plates, on which silicon wafers are loaded during process. Most of them are made from aluminum alloy; NHK have the strength of integrated production—from material procurement to precision processing and ceramic spray coating—, and applying our advanced bonding technology, common to the heater manufacturing.

In these years, in addition to the parts at the bottom of the chamber—heater and cooling plate which support work in process wafers—, we have also focused on developing the parts of the upper side of the chamber—called shower heads, for the purpose of supplying required gas in the process—, and this sales are also increasing.

# **IMS (Integrated Metal Substrate)**





### Cross-sectional structure of IMS



Metal base (Iron, Aluminum, Copper) Integrated Metal Substrates (IMS) are circuit plates, circuits are formed via an insulating layer on metal base, such as aluminum or copper, and their excellent heat dissipation are characteristic of IMS. Taking advantage of this heatradiating performance, IMS is used in the fields of automotive, industrial, and consumer applications, to efficiently dissipate the heat generated by semiconductor components mounted on IMS.

In the automotive field, our products are increasingly used in DC-DC converters and charger modules for electric and hybrid vehicles, and we are aiming to use them in drive inverter circuits in their future. In industrial applications, in addition to general-purpose inverters and inverter circuits for air conditioners, our IMS are widely used as power modules inside power conditioners for renewable energy.

Our IMS is characterized by our strength in integrated production, from the development of high heat-dissipating and highly reliable insulating layers, to manufacturing and finishing into IMS.

We have been developing IMS since 1980s, and have been leading the industry by introducing high heat dissipation insulating materials to the market successively.





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