

Financial Results for the First Half Ended September 30, 2021

NOK CORPORATION (7240 / TSE1)

November 10, 2021





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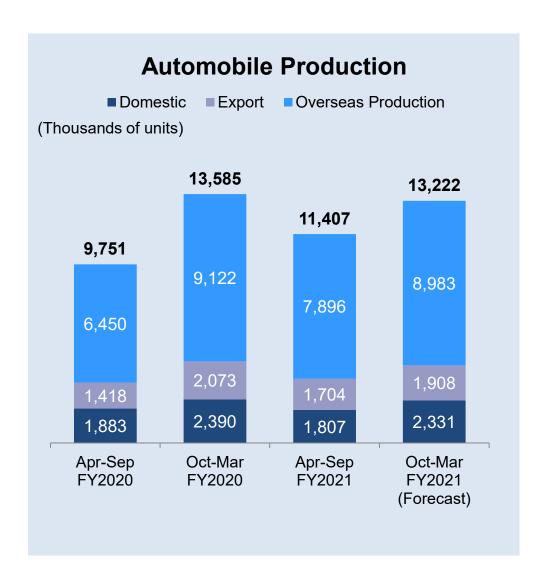
Business Overview by Industry and by Region

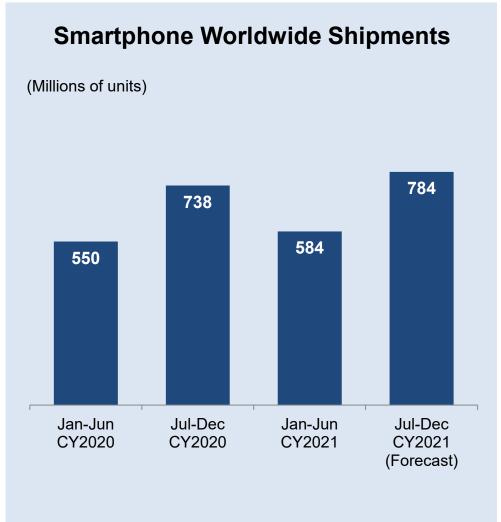
Financial Results for the First Half Ended September 30, 2021





The Market Trend Surrounding the NOK Group





Source: Estimates by NOK CORPORATION





NOK Business Overview for the Six Months Ended September 30, 2021

NOK Business Overview

Seal Business Sales for automobile applications increased reflecting a significant recovery in demand, despite some negative effects from the prolonged supply shortage of semiconductors and other components, coupled with the resurgence of the novel coronavirus in Southeast Asia. Sales to manufacturers of general industrial machinery also increased as the markets for construction machinery, machine tools, and robots remained brisk. Operating income increased due to the effect of increased sales, despite an increase in personnel costs and expenses.

Electronic Product Business

Sales for automobile and high-end smartphone applications increased as demand picked up, despite some negative effects of production cuts due to the supply shortage of semiconductors and other components. Operating loss decreased due to the effect of increased sales, despite an increase in personnel costs and expenses.

Other Business

Sales of the roll business increased as demand for multifunction peripherals and repair parts, which had been sluggish due to the impact of the novel coronavirus, has been on a recovery trend. Sales of the special lubricant business also increased thanks to a rise in demand for automobile applications. Operating income increased due to the effect of increased sales.





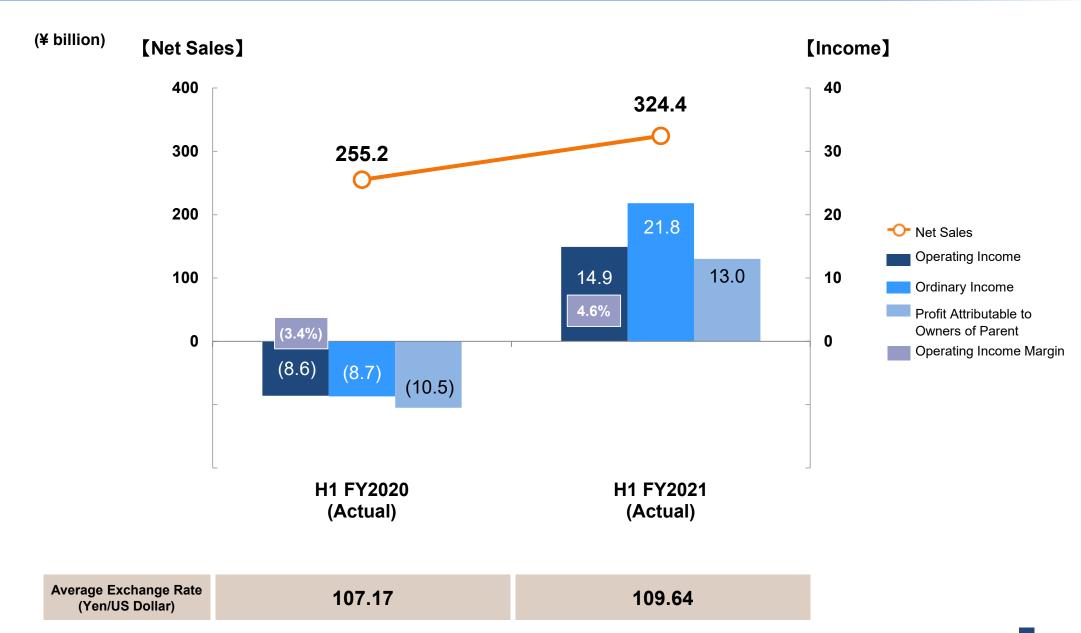
Financial Results for the First Half Ended September 30, 2021

(¥ billion)	FY2020	FY2021	Yo	Υ		
	Actual	Actual	Changes			
	H1	H1	Amount	Retio		
Net Sales	255.2	324.4	69.2	27.1%		
Operating Income	(8.6)	14.9	23.5	-		
Ordinary Income	(8.7)	21.8	30.5	_		
Profit Attributable to Owners of Parent	(10.5)	13.0	23.5	-		
Operating Income Margin	(3.4%)	4.6%	8.0pt	_		
Capital Investment	13.5	17.3	3.8	_		
Depreciation	20.3	21.0	0.7	_		
Average Exchange Rate (Yen/US dollar)	107.17	109.64	-	_		
No. of Employees	39,119	37,835	(1,284)	-		





Financial Results for the First Half Ended September 30, 2021 [vs. H1 FY2020]







Financial Forecasts for the Fiscal Year Ended March 31, 2022

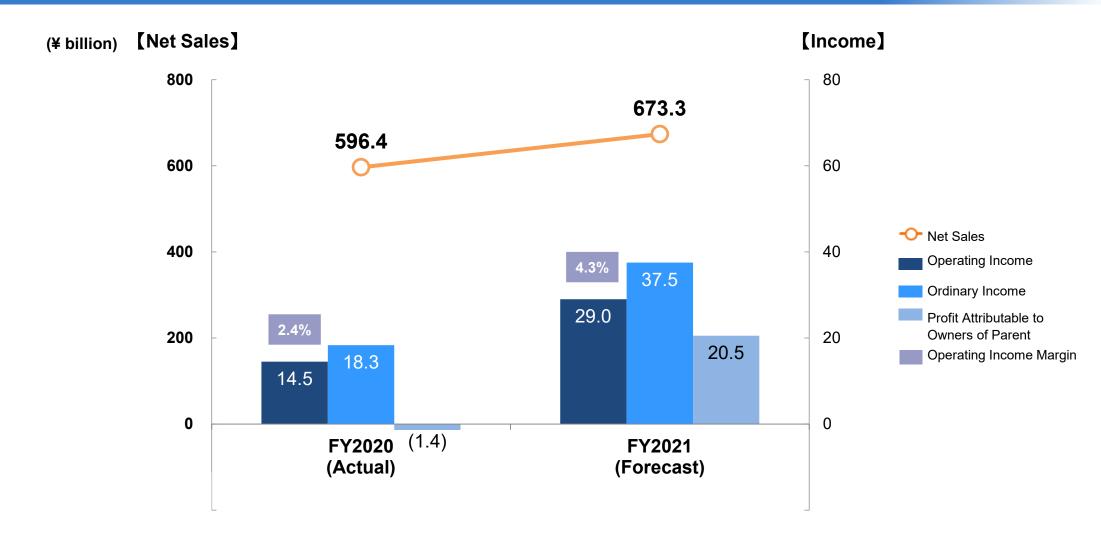
(¥ billion)	FY2020				FY2021		YoY Changes					
		Actual		Actual	Revised F		H1 H2				Full Year	
	H1	H2	Full Year	H1	H2	Full Year	Amount	Ratio	Amount	Ratio	Amount	Ratio
Net Sales	255.2	341.2	596.4	324.4	348.9	673.3	69.2	27.1%	7.8	2.3%	76.9	12.9%
Operating Income	(8.6)	23.1	14.5	14.9	14.1	29.0	23.5	-	(8.9)	(38.8%)	14.5	100.4%
Ordinary Income	(8.7)	27.0	18.3	21.8	15.7	37.5	30.5	-	(11.3)	(42.0%)	19.2	104.5%
Profit Attributable to Owners of Parent	(10.5)	9.1	(1.4)	13.0	7.5	20.5	23.5	-	(1.6)	(17.6%)	21.9	_
Operating Income Margin	(3.4%)	6.8%	2.4%	4.6%	4.0%	4.3%	8.0pt	-	(2.7pt)	-	1.9pt	-
Capital Investment	13.5	12.2	25.7	17.3	25.8	43.2	3.8	-	13.6	-	17.5	-
Depreciation	20.3	20.3	40.7	21.0	21.9	42.9	0.7	-	1.6	-	2.3	-
Average Exchange Rate (Yen/US Dollar)	107.17	104.62	105.89	109.64	110.00	109.82	-	-	-	-	-	-
No. of Employees	39,119	37,999	37,999	37,835	37,576	37,576	(1,284)	-	(423)	-	(423)	_

^{*} The H2 forecast is the full-year forecast minus the H1 results.





Financial Forecasts for the Fiscal Year Ended March 31, 2022 [vs. FY2020]





105.89

109.82

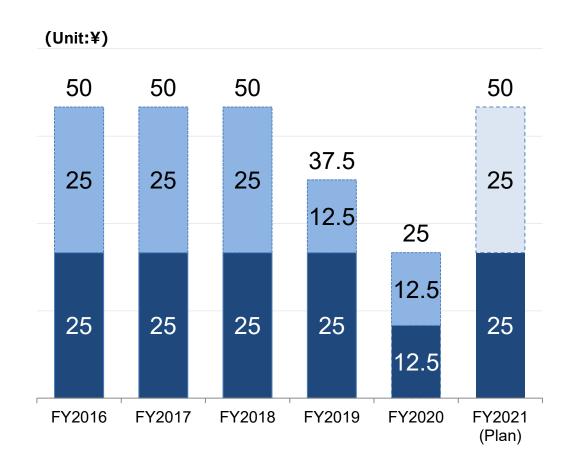




Interim Dividend for the Fiscal Year Ending March 31, 2022



FY2021	Interim	Term-end (Plan)
Dividend	¥25	¥25
Payout Ratio	33.3%	42.2%





Medium-Term Management Plan





Three-Year Plan (FY2020-FY2022)

Slogan (Key Corporate Objective)

Flexible response to changes and Re-challenge to be a Sustainable Company

Initiatives

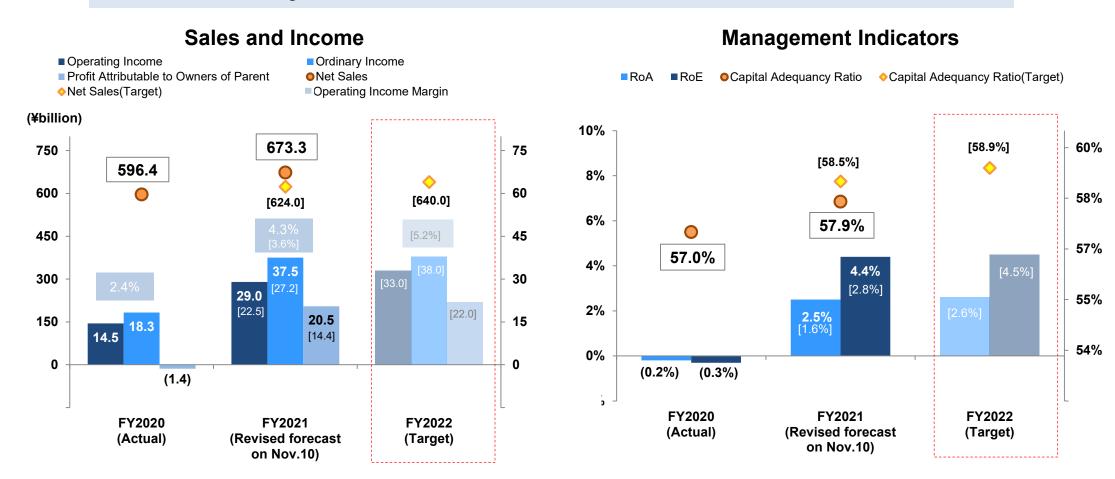
- 1. Moving away from dependence on specific customers
 - Expansion of sales across businesses and creation of new businesses for a well-balanced mix of customers
- 2. Repositioning quality management to origin
- 3. Operating practical and effective BCM
- 4. Advancing digitalization that will lead to higher competitiveness and profitability
- 5. Implementing management spirit that respects human dignity
 - Fostering vibrant people and supporting flexible and diverse work styles





Revival Two-Year Plan

We are implementing the "Revival Two-Year Plan" covering the fiscal years ending March 2022 and March 2023. We have also introduced RoA (Return on Assets), which represents the overall profitability of a company, as an indicator to strengthen our business structure and set 5% as our future target.



%The figures in [] are the target values that were drawn up when the Revival 2 Year Plan was formulated in May 2021.



Financial Results by Business Segment for the First Half Ended September 30, 2021

* From the fiscal year ending March 31, 2022, the roll business is included in the other business.





Financial Results by Business Segment for the First Half Ended September 30, 2021

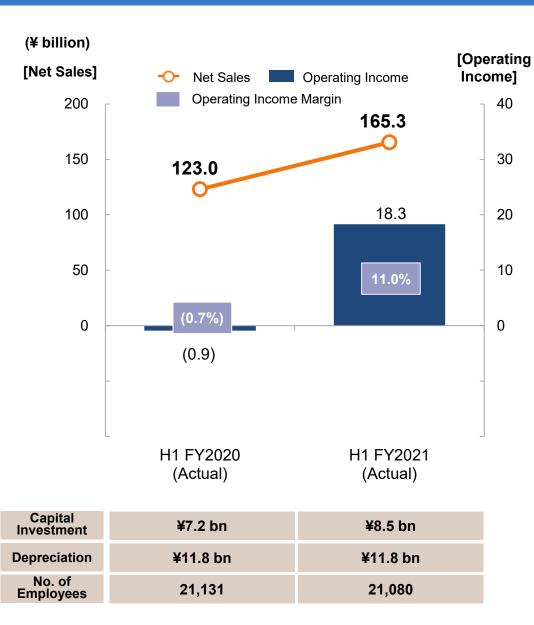
(¥ billion)		FY2020	FY2021	YoY Changes		
		Actual H1	Actual H1	Amount	Ratio	
Cool Ducinos	Net Sales	123.0	165.3	42.3	34.4%	
Seal Business	Operating Income	(0.9)	18.3	19.1	-	
Electronic Product	Net Sales	122.4	146.1	23.7	19.3%	
Business	Operating Income	(7.2)	(4.0)	3.2	-	
Othoro	Net Sales	9.8	12.9	3.2	32.3%	
Others	Operating Income	(0.6)	0.6	1.2	-	
Total	Net Sales	255.2	324.4	69.2	27.1%	
	Operating Income	(8.6)	14.9	23.5	-	

^{*} Reference: Financial results of the first half ended September 30, 2022 for the Roll Business are as follows. [Net Sales] 8.5 billion yen [Operating income] (0.2) billion yen





Seal Business: Financial Results [vs. H1 FY2020]



H1 FY2021 Results

Net Sales ¥165.3 bn (+¥42.3 bn YoY)

- → Demand for automobile applications recovered in Japan and abroad.
- → Demand from manufactures of construction machinery, machine and tools, and robots increased.

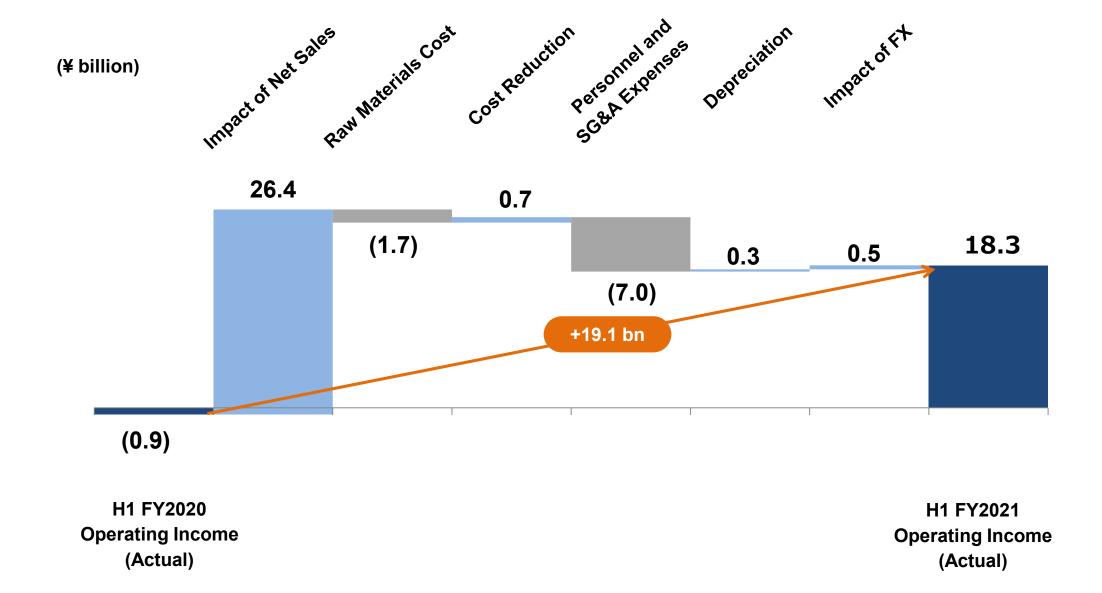
Operating Income ¥18.3 bn (+¥19.1 bn YoY)

- Sales increased.
- ▶ Personnel and SG&A expenses increased.





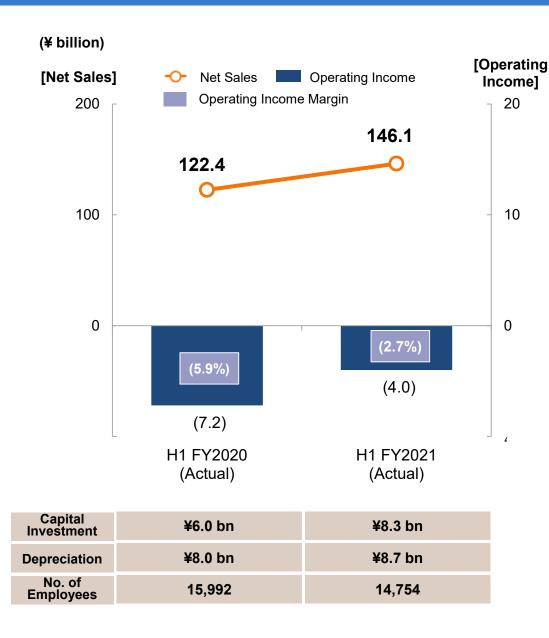
Seal Business: Changes in Operating Income [vs. H1 FY2020]







Electronic Product Business: Financial Results [vs. H1 FY2020]



H1 FY2021 Results

Net Sales ¥146.1 bn (+¥23.7 bn YoY)

- **↗** Sales for high-end smartphone applications increased.
- Demand for automobile applications recovered.
- Demand for HDD applications increased.

Operating Income -¥4.0 bn (+¥3.2 bn YoY)

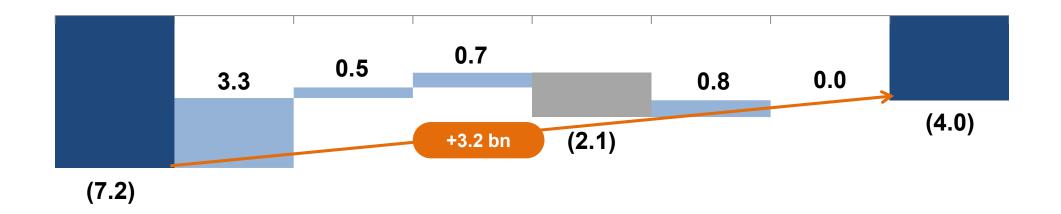
- Sales increased.
- ▶ Personnel and SG&A expenses increased.





Electronic Product Business: Changes in Operating Income [vs. H1 FY2020]





H1 FY2020 Operating Income (Actual) H1 FY2021 Operating Income (Actual)



Financial Forecasts by Business Segment for the Fiscal Year Ending March 31, 2022





Revised Financial Forecasts for the Fiscal Year Ending March 31, 2022

(¥ billion)			FY2020			FY2021				YoY Ch	anges		
			Actual		Actual		orecast on v.10	H	1	н	2	Full	/ear
		H1	H2	Full Year	H1	H2	Full Year	Amount	Retio	Amount	Ratio	Amount	Ratio
Seal	Net Sales	123.0	170.0	293.0	165.3	174.7	340.0	42.3	34.4%	4.6	2.7%	47.0	16.0%
Business	Operating Income	(0.9)	24.0	23.2	18.3	15.7	34.0	19.1	-	(8.3)	(34.5%)	10.8	46.7%
Electronic	Net Sales	122.4	159.3	281.8	146.1	161.9	308.0	23.7	19.3%	2.6	1.6%	26.2	9.3%
Product Business	Operating Income	(7.2)	(1.2)	(8.4)	(4.0)	(1.8)	(5.8)	3.2	-	(0.6)	-	2.6	_
	Net Sales	9.8	11.8	21.6	12.9	12.4	25.3	3.2	32.3%	0.6	4.8%	3.7	17.3%
Others	Operating Income	(0.6)	0.2	(0.4)	0.6	0.2	0.8	1.2	-	(0.0)	(19.8%)	1.2	_
	Net Sales	255.2	341.2	596.4	324.4	348.9	673.3	69.2	27.1%	7.8	2.3%	76.9	12.9%
Total	Operating Income	(8.6)	23.1	14.5	14.9	14.1	29.0	23.5	_	(8.9)	(38.8%)	14.5	100.4%

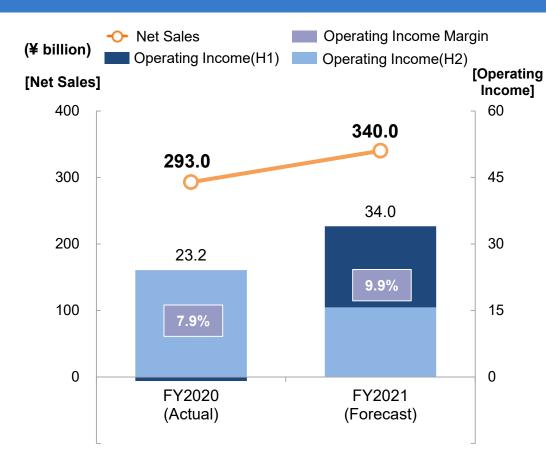
^{*} The H2 forecast is the full-year forecast minus the H1 results.



^{*} Reference: The forecasts of the fiscal year ending March 31, 2022 for the Roll Business are as follows. [Net Sales] 16.7 billion yen [Operating income] (0.6) billion yen



Seal Business: Financial Forecasts [vs. FY2020]



Capital Investment	¥13.7 bn	¥24.6 bn
Depreciation	¥23.9 bn	¥23.9 bn
No. of Employees	21,120	21,106

FY2021 Forecasts

New Sales ¥340.0 bn (+¥47.0 bn YoY)

- Demand for automobile applications is expected to recover.
- Sales for construction machinery are expected to remain robust.
- Demand for automobile applications is uncertain due to concerns of the supply shortage of semiconductors and the novel coronavirus in Southeast Asia.

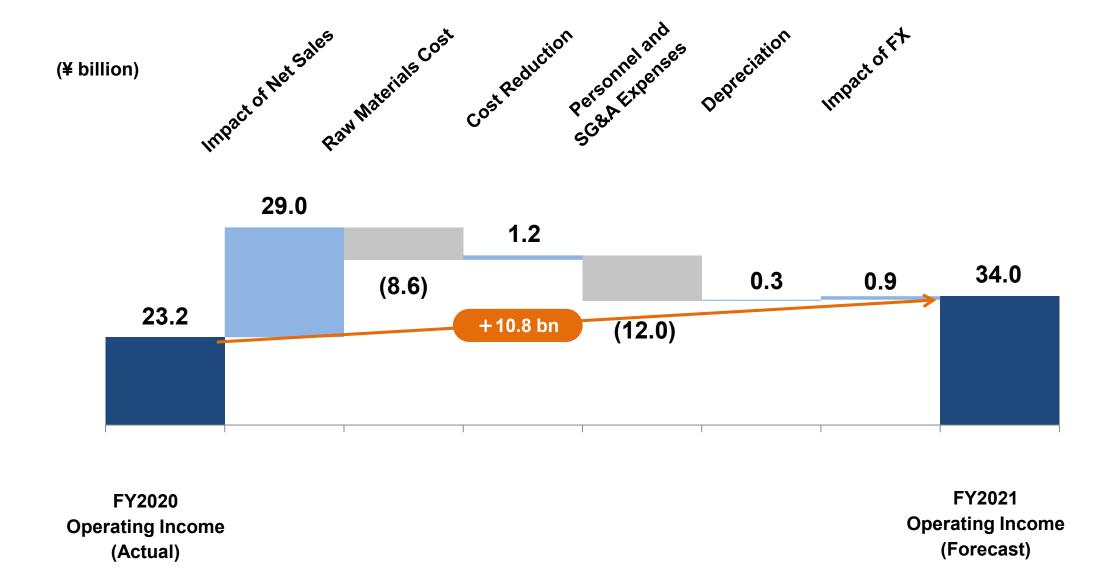
Operating Income ¥34.0 bn (+¥10.8 bn YoY)

- **尽** Sales are expected to increase.
- ▶ Personnel and SG&A expenses are expected to increase.
- Material cost is rising.





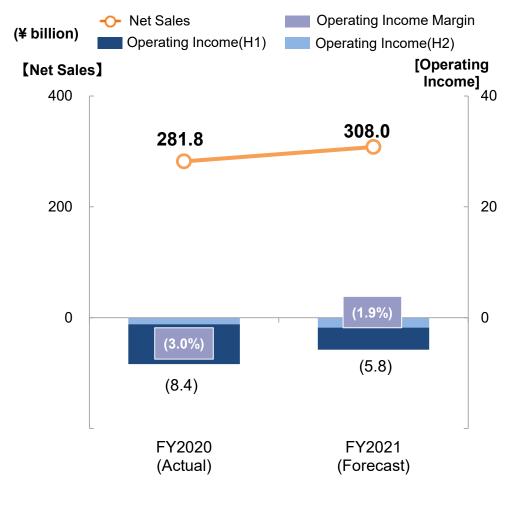
Seal Business: Changes in Operating Income [vs. FY2020]







Electronic Product Business: Financial Forecasts [vs. FY2020]



Capital Investment	¥11.4 bn	¥16.5 bn
Depreciation	¥15.7 bn	¥17.8 bn
No. of Employees	14,910	14,392

FY2021 Forecasts

Net Sales ¥308.0 bn (+¥26.2 bn YoY)

- Demand for high-end smartphone applications is expected to increase.
- Sales for automobile applications are expected to remain robust.
- **7** Demand for HDDs is expected to increase.

Operating Income -¥5.8 bn (+¥2.6 bn YoY)

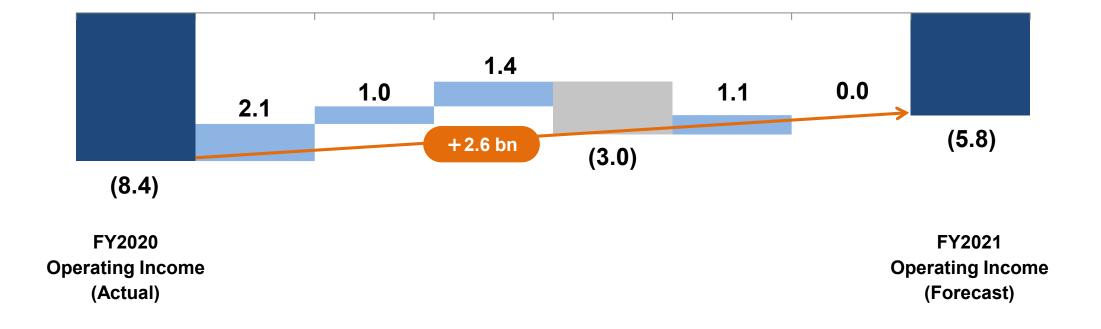
- **↗** Sales are expected to increase.
- **尽** Cost reduction and yield rate are expect to improve.
- **7** Depreciation is expected to decrease.
- ▶ Personnel and SG&A expenses are expected to increase.





Electronic Product Business: Changes in Operating Income [vs. FY2020]













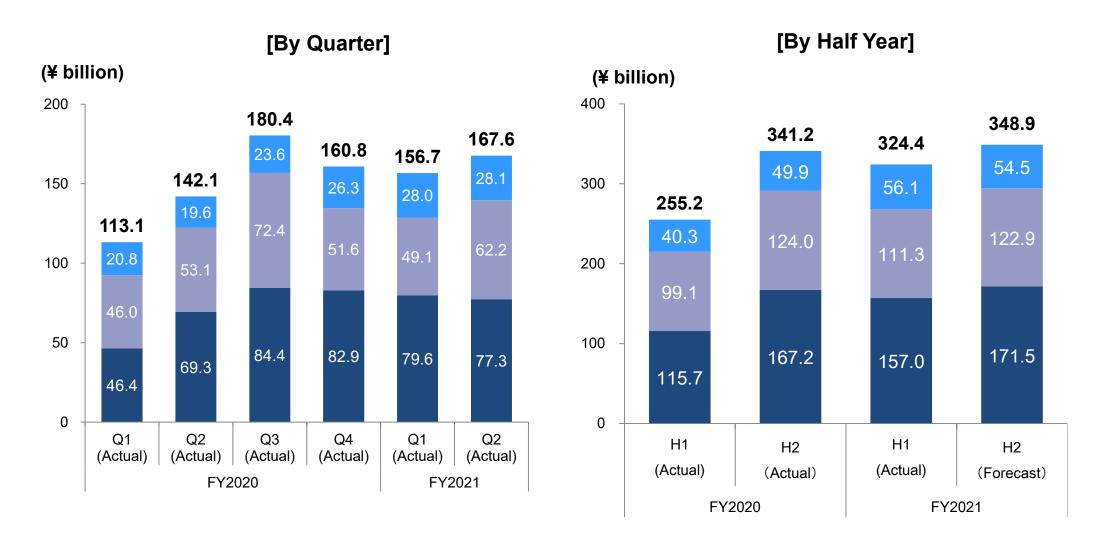
Business Overview by Industry and by Region





Consolidated Net Sales Trend by Industry

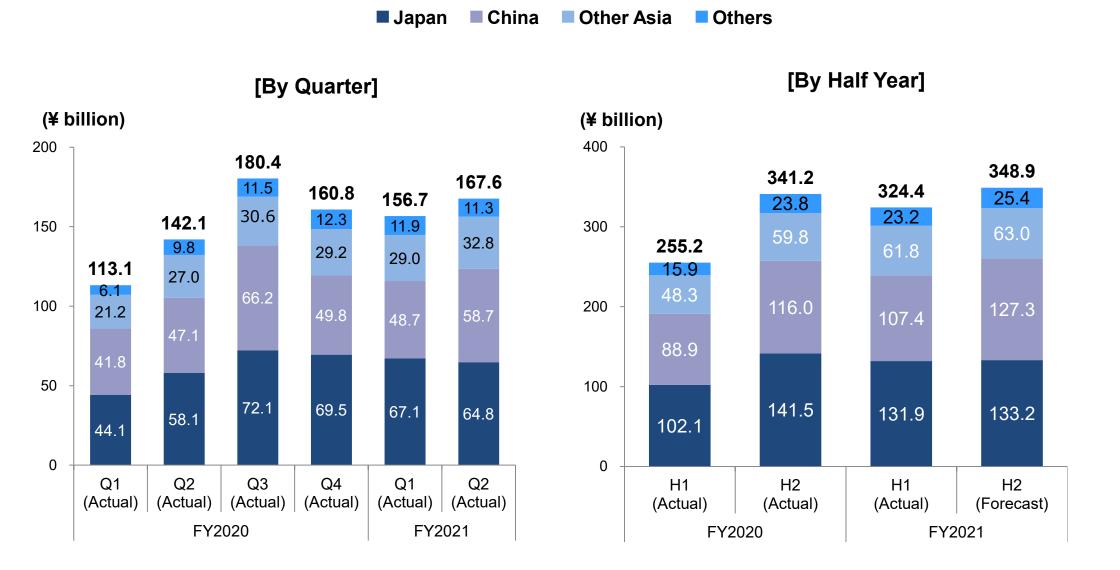
■ Automotive Industry (AI) ■ Electronic Industry (EI) ■ General Industry (GI)







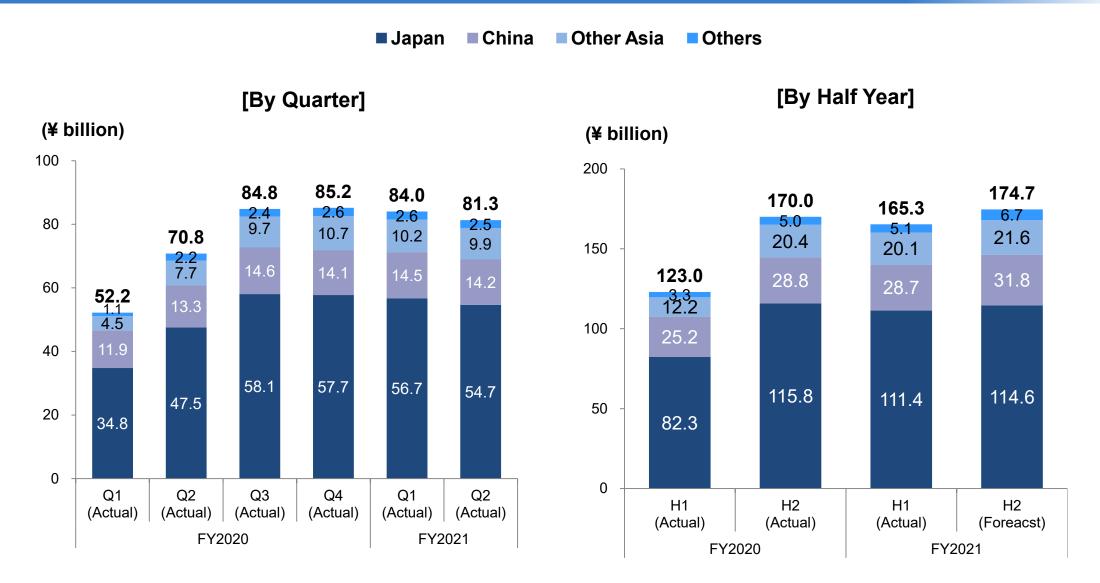
Consolidated Net Sales Trend by Region







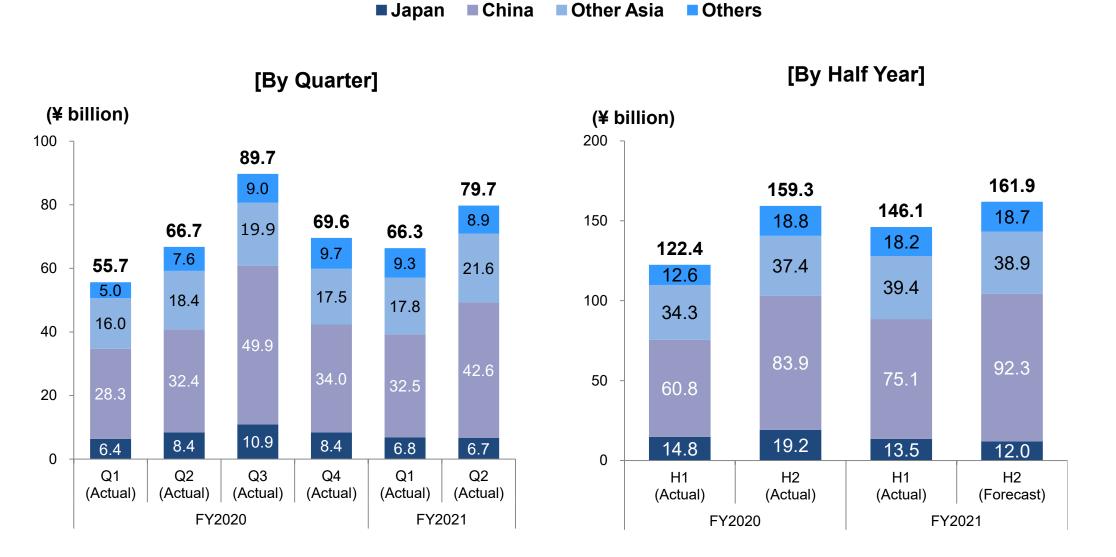
Net Sales Trend for Seal Business by Region







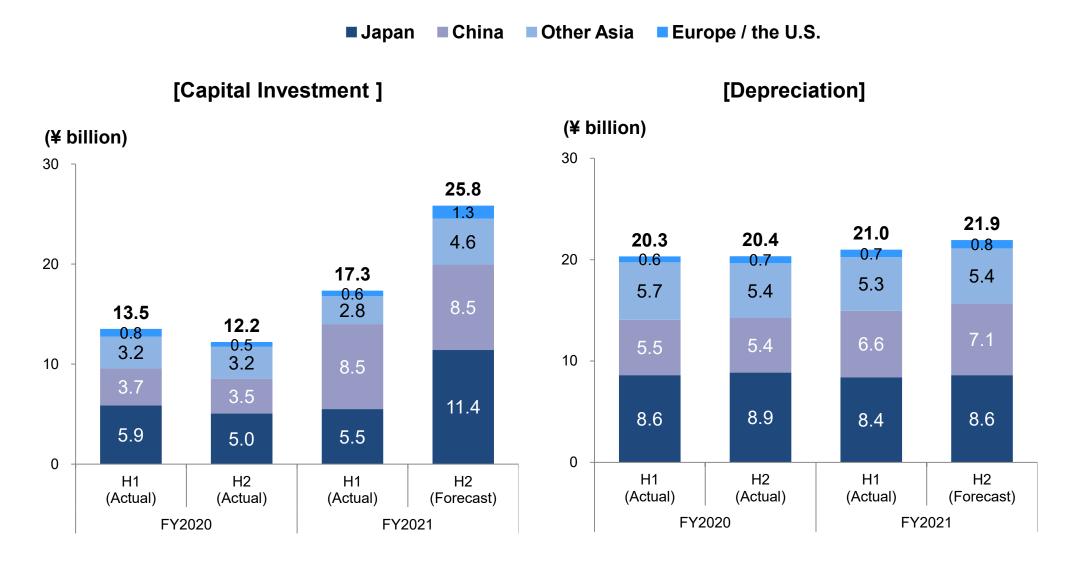
Net Sales Trend for Electronic Product Business by Region







Trend of Capital Investment and Depreciation by Region



^{*} The H2 forecast is the full-year forecast minus the H1 results.

^{*} Capital investment includes the acquisition of intangible assets.

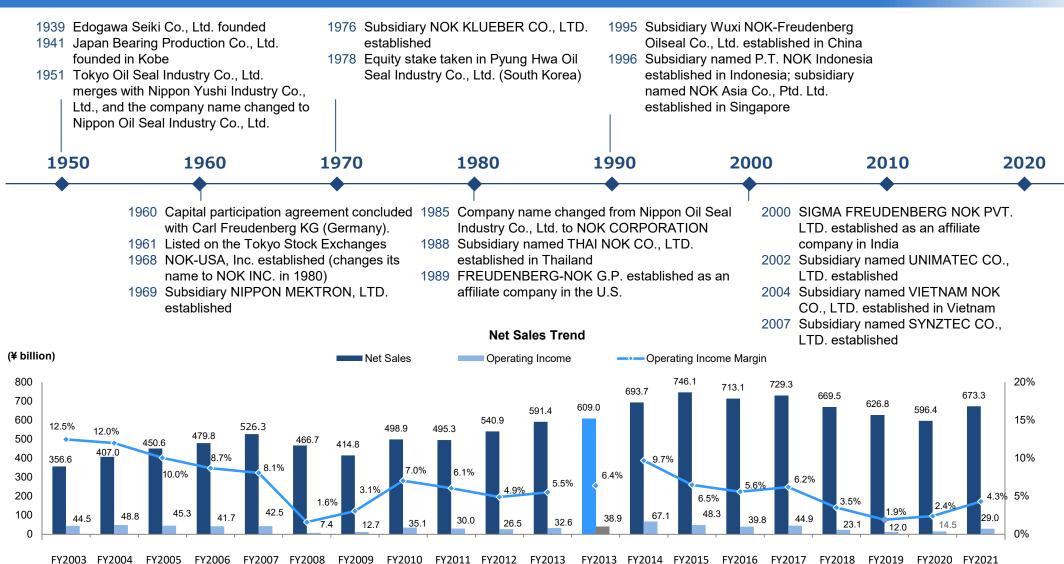


References





Corporate History



 From FY2014, NOK has unified the accounting period of the overseas business and changed its depreciation method so the values are calculated and used for reference purposes.

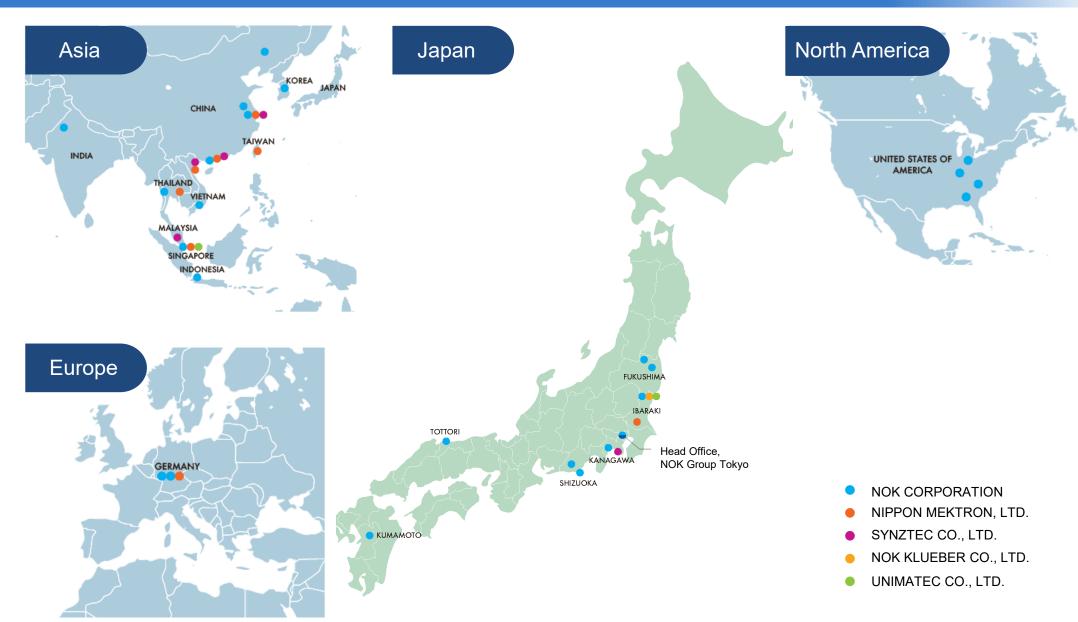


(Forecast)

(Reference) *



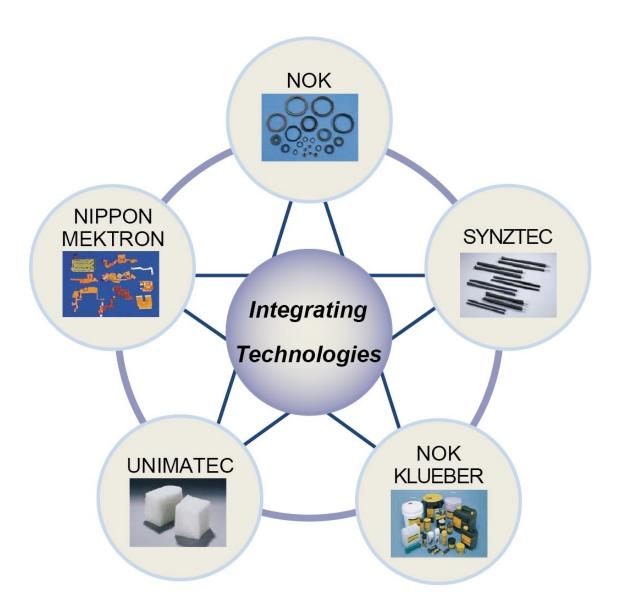
Global Network





>>>>

NOK Group Strengths



NOK Group companies make up a "Group of Compound Technology Manufacturers" like one firm connected to each division, an enterprise group sharing core technologies. Each company boasts its individual strengths while sharing a common vision, and conducts business operations to handle any and all client requirements.



NOK R&D



POINT

NOK's Shonan Development Center was opened in 2005 as a think tank concentrating all the company's advanced technologies, striving to be global No. 1 technology creator. The Center has functional abilities in materials technologies, evaluation analysis technologies production technologies, making possible self contained operations execution. NOK responds to the needs of society, and will further pursue R&D in order to continue supplying products that contribute to daily living convenience and the environment.





NOK Major Products: Oil Seals

Oil seals are a functional part to seal oil. For "moving" parts of machinery, revolving and vertical up and down motion etc, oil seals prevent leakage of lubricant oils, water, chemical solutions, gas etc, and also prevent outside particulates from getting in. They are indispensable parts for a wide range of machinery types including automobiles, ships, planes, air conditioners, washing machines, water works etc.



(Example of Use)







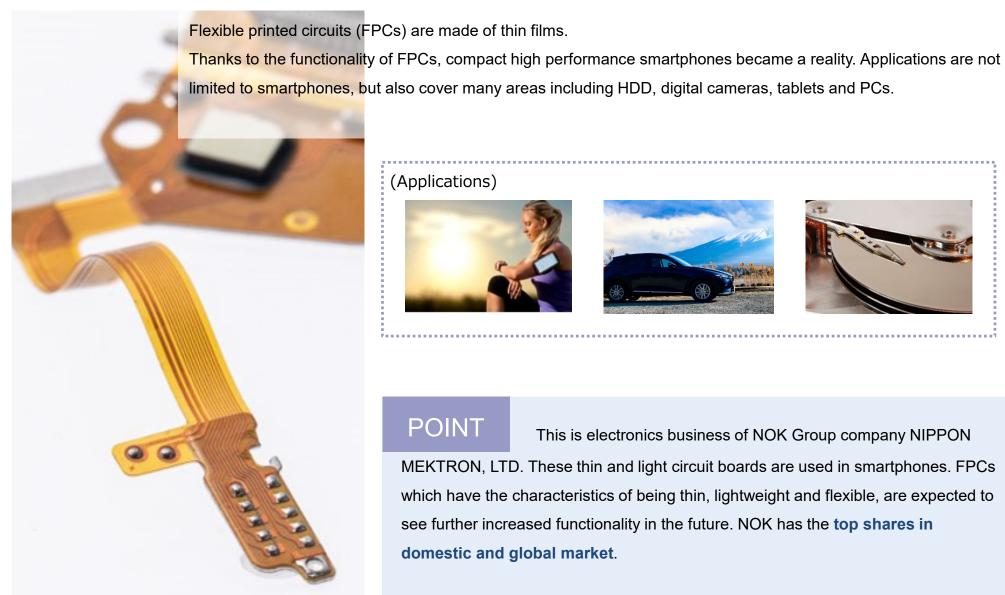
POINT

NOK's history is the history of oil seals. The road to becoming Japan's No. 1 oil seal maker began in 1960, when the company concluded a technology partnership agreement with Carl Freudenberg KG of the former West Germany. After that the company built a production plant in the US when there was still only one Japanese auto manufacturer located there, eventually supplying oil seals to the US 'Big 3.' Today the company boasts **70% shares domestically and top shares globally**, recognized for its reliability and actual performance results.





NOK Major Products: Flexible Printed Circuits (FPCs)



(Applications)







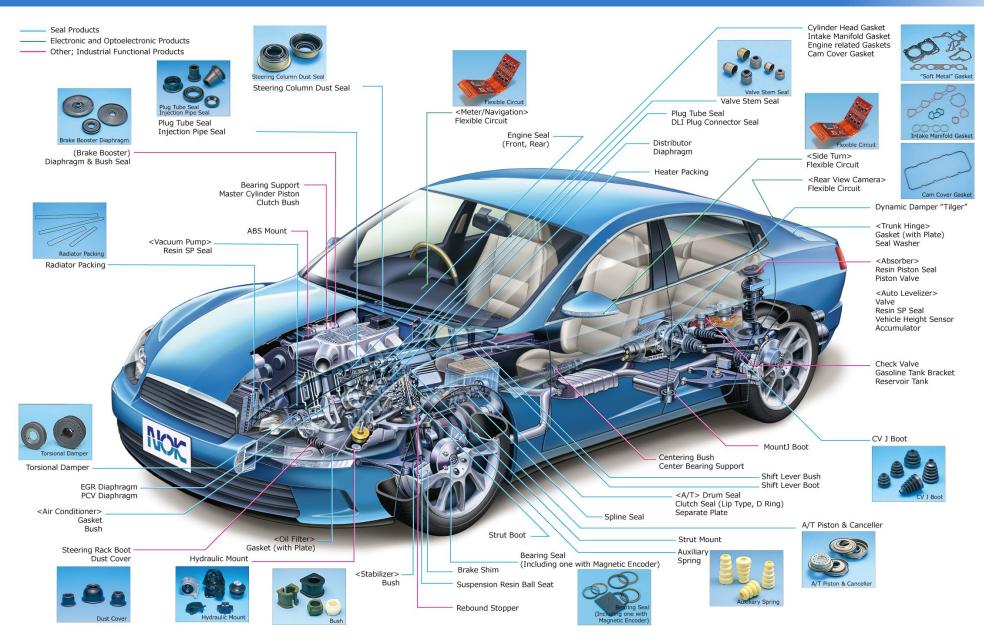
POINT This is electronics business of NOK Group company NIPPON

MEKTRON, LTD. These thin and light circuit boards are used in smartphones. FPCs which have the characteristics of being thin, lightweight and flexible, are expected to see further increased functionality in the future. NOK has the top shares in domestic and global market.





NOK Products in Automobile

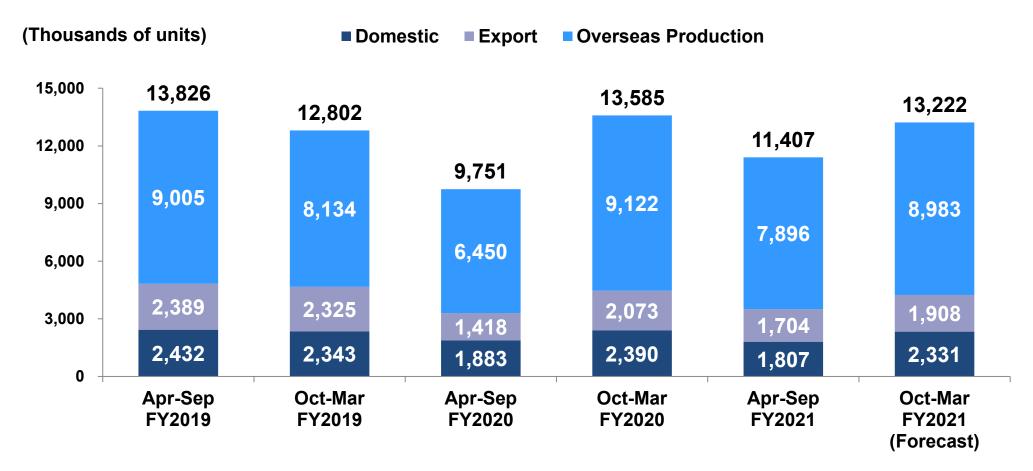






Market Trends by Sector: Automobile Production (by Half Year, Fiscal Year)

Automobile Production



^{*} The value for Overseas Production includes completed vehicle units produced overseas in addition to knock-down units.

Source: Estimates by NOK CORPORATION





NOK Products in General Industrial Machinery

For Solar Panels

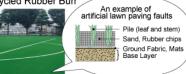
■Rubber Gaskets for Solar Panels



With NOK's original material compounding techniques, we offer tailored materials.

For Artificial Lawns and Athletic Track Fields

■Recycled Rubber Burr



Recycling of oil and heat resistant rubber pieces generated during manufacturing of rubber functional parts.

For Pipework including Water and Hot Water Pipes

■O-Rings



Utilizing NOK's original material compounding techniques which are responsive to any kind of condition of use including hot water and water pipes, gas meters, fuel batteries, water faucet clasps, water filters and water purifiers.

For Home Pumping including Well Water Pumping

■Mechanical Seal



Mechanical Seals can be used maintenance-free for an extended period since the sliding surfaces are shaped into highly-refined flat surfaces. and they are also excellent in terms of performance and running cost.

For Air Conditioners, IH Cooking Heaters, Microwaves and Refrigerators

Thermopile



With sensors which allow non-contact temperature measurement, thermopiles are effective for energy

For Household Small-size Wind Power Generation

■Rubber Vibration

■Oil Seals



O-Rings

Isolators



Air Conditioner

We offer highly-reliable and time-proven functional parts.

For Power Control Units and Secondary Batteries

■Sealing Plates ■電磁波シールド(EMガード) for Capacitors

Small-size Wind Power Generation



Water Faucet Clasps

Power Control Unit & Secondary Battery

Solar Panel



We offer functional parts specific to sites, environments and conditions.



■GDL











We contribute by offering our seal techniques and polymer compounding process techniques.

Hot Water Storage Tank and Water Heater

Well Water Pumping

LED Lightings, Mobile Phones,

Artificial Lawn

and LCD Televisions

FPC



With our new technology, we contribute to developing more small-size and high performance mobile and electronic devices.

Lubricants



Pipework (Floor Heating)

Our lubricants are long-lasting and highly-reliable even in severe use conditions including super-high and super-low humidity, high speed and high load. They can be used for fuel batteries, home electric appliances and pipework etc.

For Toilet Seats with Warm-water Shower Features, Showers, Water Faucet Appliances, and Gas Meters

■Flow Regulating Valves, Mixer Valves and Pressure Control Valves

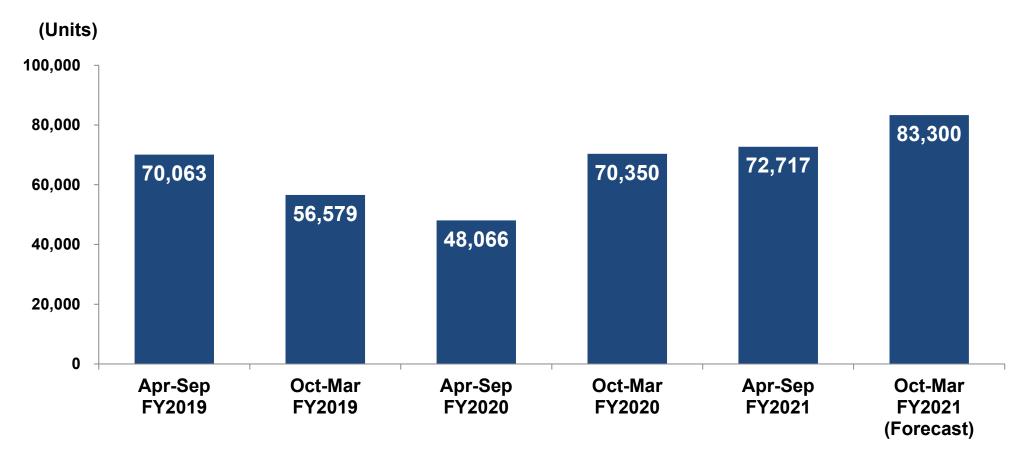


With a combination of our seal techniques and actuator techniques, these valves offer pressure control and flow regulation of water, gas and specific fluids.



Market Trends by Sector: Construction Machinery Domestic Production (by Half Year, Fiscal Year)

Construction Machinery Domestic Production



Source: Estimates by NOK CORPORATION





NOK Products in IT Electronic Devices

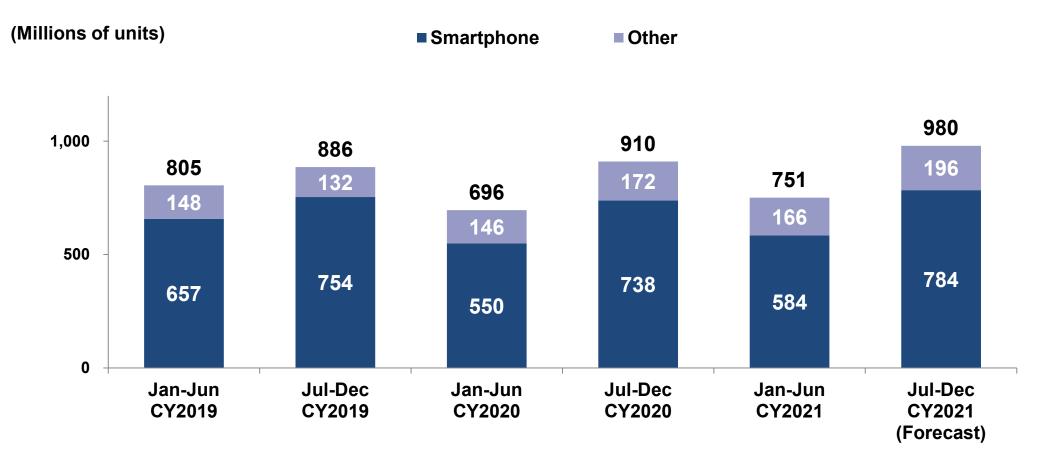






Market Trends by Sector: Mobile Phone Worldwide Shipments (by Half Year, Calendar Year)

Mobile Phone Worldwide Shipments





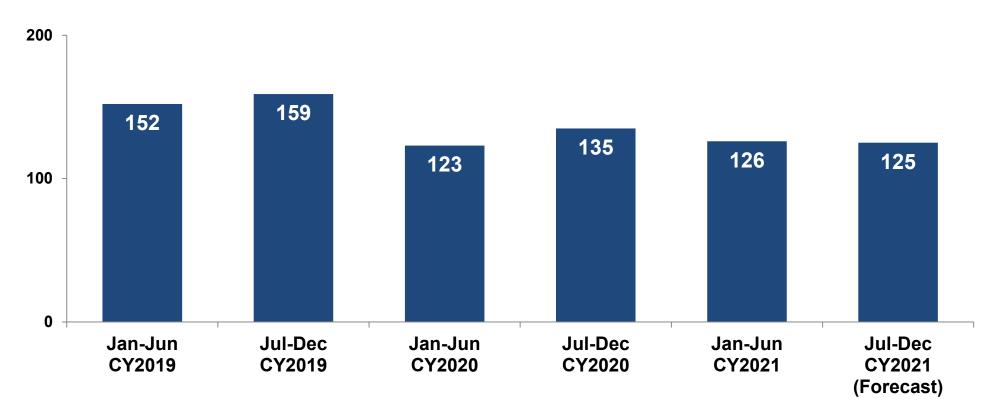
Source: Estimates by NOK CORPORATION

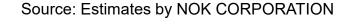


Market Trends by Sector: Hard Disk Drive Worldwide Production (by Half Year, Calendar Year)

Hard Disk Drive Worldwide Production

(Millions of units)



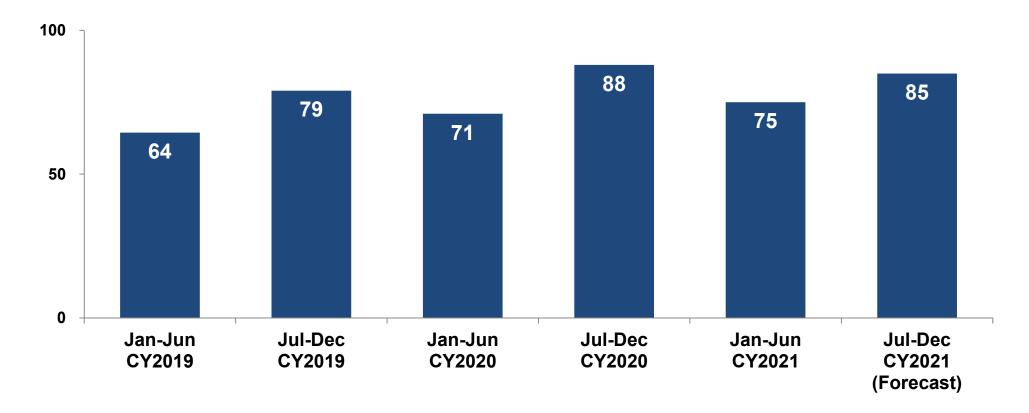




Market Trends by Sector: Tablet PC Worldwide Shipments (by Half Year, Calendar Year)

Tablet PC Worldwide Shipments

(Millions of units)







Segment Information: Fiscal 2020 Results and Fiscal 2021 Forecasts

												(Millions of yen
Segment		FY2020 (Results)			FY2021 (Forecasts)								
		1H	2H	Full Year	1H	Y on Y	% Change	2H	Y on Y	% Change	Full Year	Y on Y	% Change
Seal Business	External sales	122,994	170,028	293,023	165,342	42,348	34.4%	174,658	4,630	2.7%	340,000	46,977	16.0%
	Inter-seg sales	702	1,234	1,936	1,121	419		1,152	(82)		2,273	337	
	Net sales	123,696	171,262	294,959	166,464	42,768		175,809	4,547		342,273	47,314	
	Operating Income	(854)	24,038	23,183	18,257	19,111	_	15,743	(8,295)	(34.5%)	34,000	10,817	46.7%
	Profit Margin	(0.7%)	14.0%	7.9%	11.0%	11.7pt		9.0%	(5.1pt)		9.9%	2.1pt	
	Capital Investment	7,210	6,443	13,653	8,451	1,241		16,165	9,722		24,616	10,963	
	Depreciation	11,771	12,108	23,879	11,763	(8)		12,171	63		23,934	55	
	No. of Personnel	21,131	21,120	21,120	21,080	(51)		21,106	(14)		21,106	(14)	
Electronic Product Business	External sales	122,434	159,336	281,771	146,096	23,662	19.3%	161,904	2,568	1.6%	308,000	26,229	9.39
	Inter-seg sales	6	8	15	10	4		10	2		20	5	
	Net sales	122,441	159,345	281,786	146,106	23,665		161,914	2,569		308,020	26,234	
	Operating Income	(7,176)	(1,195)	(8,371)	(3,995)	3,181	_	(1,805)	(610)	_	(5,800)	2,571	
	Profit Margin	(5.9%)	(0.8%)	(3.0%)	(2.7%)	3.1pt		(1.1%)	(0.3pt)		(1.9%)	1.1pt	
	Capital Investment	5,985	5,449	11,434	8,288	2,303		8,249	2,800		16,537	5,103	
	Depreciation	8,014	7,698	15,711	8,748	734		9,084	1,386		17,832	2,121	
	No. of Personnel	15,992	14,910	14,910	14,754	(1,238)		14,392	(518)		14,392	(518)	
Roll Business	External sales Inter-seg sales	6,644	7,540	14,184									
	Net sales	6,644	7,540	14,185									
	Operating Income	(964)	(457)	(1,422)									
	Profit Margin	(14.5%)	(6.1%)	(10.0%)									
	Capital Investment	256	226	482									
	Depreciation	423	414	837									
	No. of Personnel	1,820	1,789	1,789									
Other Business	External sales	3,127	4,263	7,390	12,930	3,159	32.3%	12,370	567	4.8%	25,300	3,726	17.39
	Inter-seg sales	202	290	492	263	61		137	(153)		400	(92)	
	Net sales	3,329	4,553	7,882	13,193	3,220		12,507	414		25,700	3,633	
	Operating Income	355	705	1,060	601	1,210	_	199	(49)	(19.8%)	800	1,162	
	Profit Margin	10.7%	15.5%	13.5%	4.6%	10.7pt		1.6%	(0.5pt)		3.1%	4.8pt	
	Capital Investment	74	85	159	607	277		1,427	1,115		2,034	1,392	
	Depreciation	118	123	241	474	(67)		691	154		1,165	87	
	No. of Personnel	176	180	180	2,001	5		2,078	109		2,078	109	
Elimination	of Inter-seg sales	(911)	(1,533)	(2,444)	(1,395)	(484)		(1,298)	235		(2,693)	(249)	
	External sales	255 200	241 169	506 260	224 269	60 169	27.1%	348,932	7.764	2.3%	672 200	76 021	12.9%
Consolidated	Inter-seg sales	255,200	341,168	596,369	324,368	69,168	∠/.1/0	J+0,734 _	7,764	2.3/0	673,300	76,931	12.97
	Net sales	255,200	341,168	596,369	324,368	69,168		348,932	7,764		673,300	76,931	
	Operating Income		-	-	14,868	23,480		14,132	-	(38.8%)	29,000	14,533	100.4%
	Profit Margin	(8,612)	23,080	14,467 2.4%		23,480 8.0pt		4.0%	(8,948)	(30.870)	4.3%	14,533 1.9pt	100.4%
	Capital Investment	(3.4%) 13,525	6.8% 12,203	25,728	4.6% 17,346	3,821		25,843	(2.7pt) 13,640		43,189	17,461	
	Depreciation	20,326	20,343	40,669	20,986	660		21,946	1,603		42,932	2,263	
	No. of Personnel	39,119	37,999	37,999	37,835	(1,284)		37,576	(423)		37,576	(423)	
	e forecasts are based o								` /		31,310	(423)	

Note: The above forecasts are based on currently available information. Actual performance may differ substantially from these forecasts due to various factors.

[:] Year-on-Year change of number of personal is calculated by comparing with a previous term.

[:] Amounts less than one million yen are disregarded.



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