



Electronics for the Future

Financial Results for the First Half of FY2022

(From April 1,2022 to September 30,2022)

As of November 1, 2022

- **Financial Results for the 1H of FY2022**
- **Revised Plan for FY2022**
- **Capital Expenditures**
- **Inventories**
- **Returns to Shareholders**
- **IC Strategies**
- **Power Device Strategies**

Financial Results for the 1H of FY2022 (VS. Initial Plan and YoY)



(¥billion)

	FY2022 1H Results	FY2022 1H Initial Plan	VS. Initial Plan	FY2021 1H Results	YoY
Net Sales	259.9	252.0	+3.1%	222.6	+16.7%
Operating Profit	50.4	39.0	+29.2%	34.5	+46.0%
(Ratio)	(19.4%)	(15.5%)	-	(15.5%)	-
Ordinary Profit	70.9	36.0	+97.0%	37.8	+87.3%
(Ratio)	(27.3%)	(14.3%)	-	(17.0%)	-
Net Profit	52.1	32.0	+62.9%	30.8	+69.2%
(Ratio)	(20.1%)	(12.7%)	-	(13.8%)	-
EBITDA	75.2	65.7	+14.5%	53.4	+40.8%
(Ratio)	(29.0%)	(26.1%)	-	(24.0%)	-

Average Exchange Rate (¥/US\$) (¥133.46)

End of Term Rate (¥/US\$) (¥144.81)

(¥116.06)

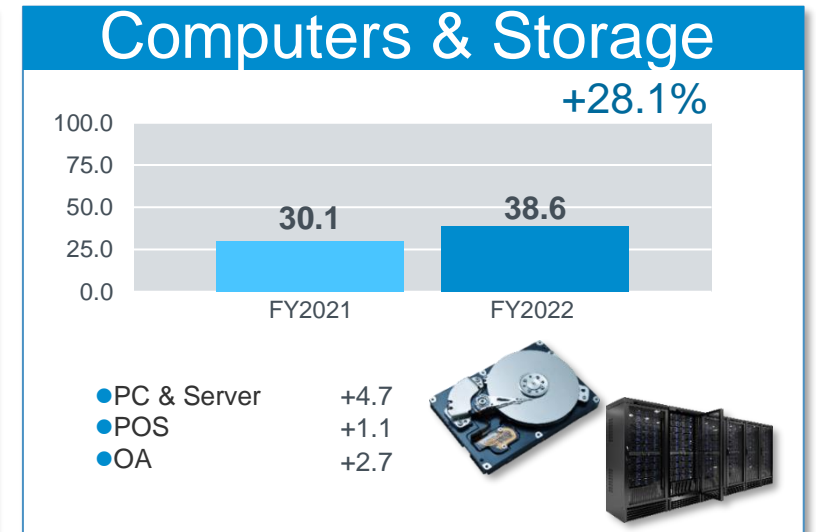
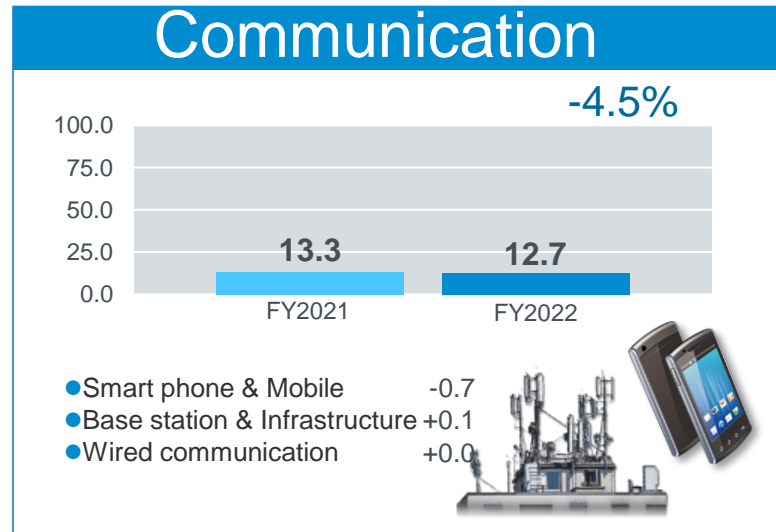
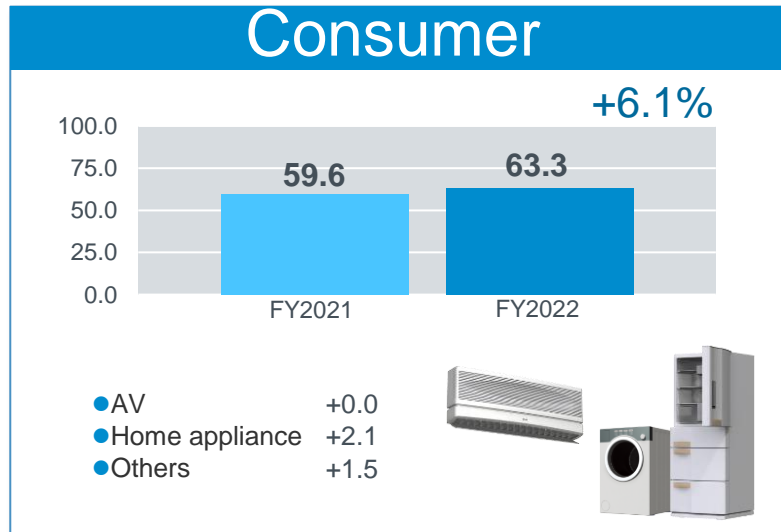
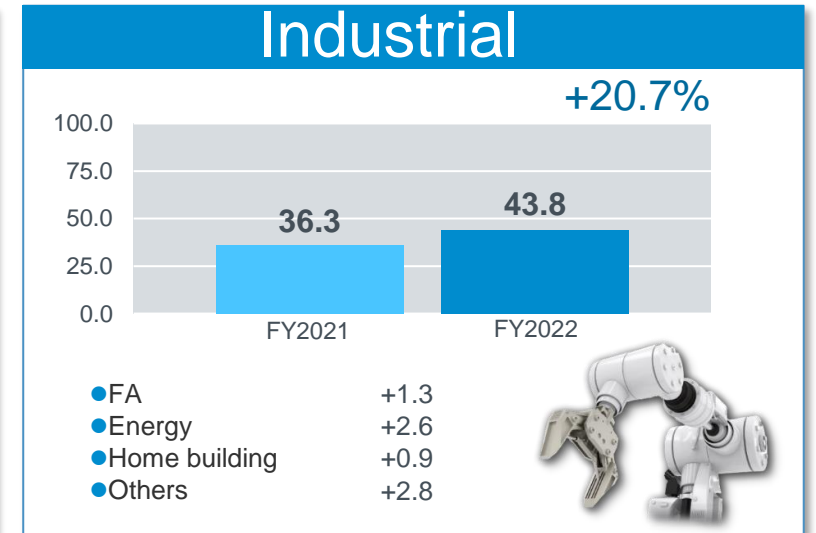
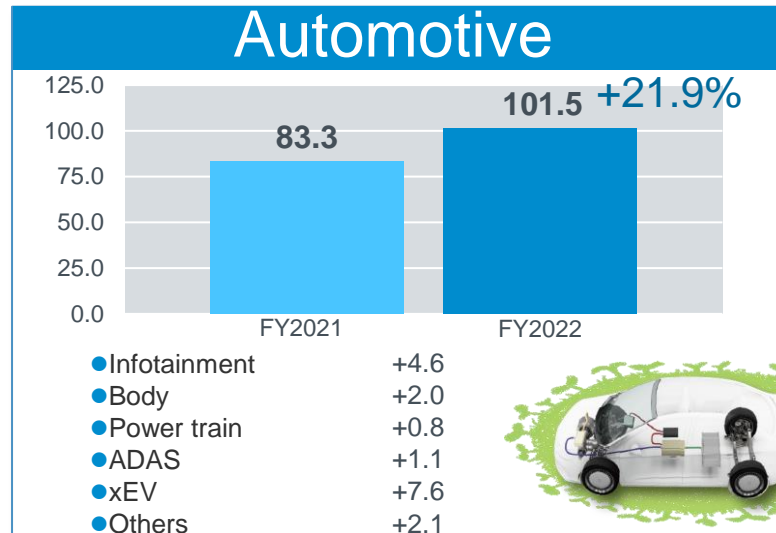
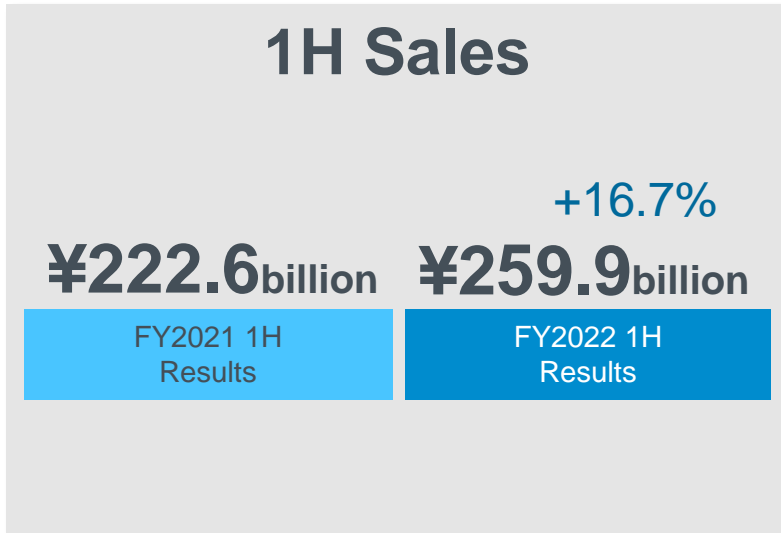
(¥115.00)

(¥110.18)

(¥111.92)

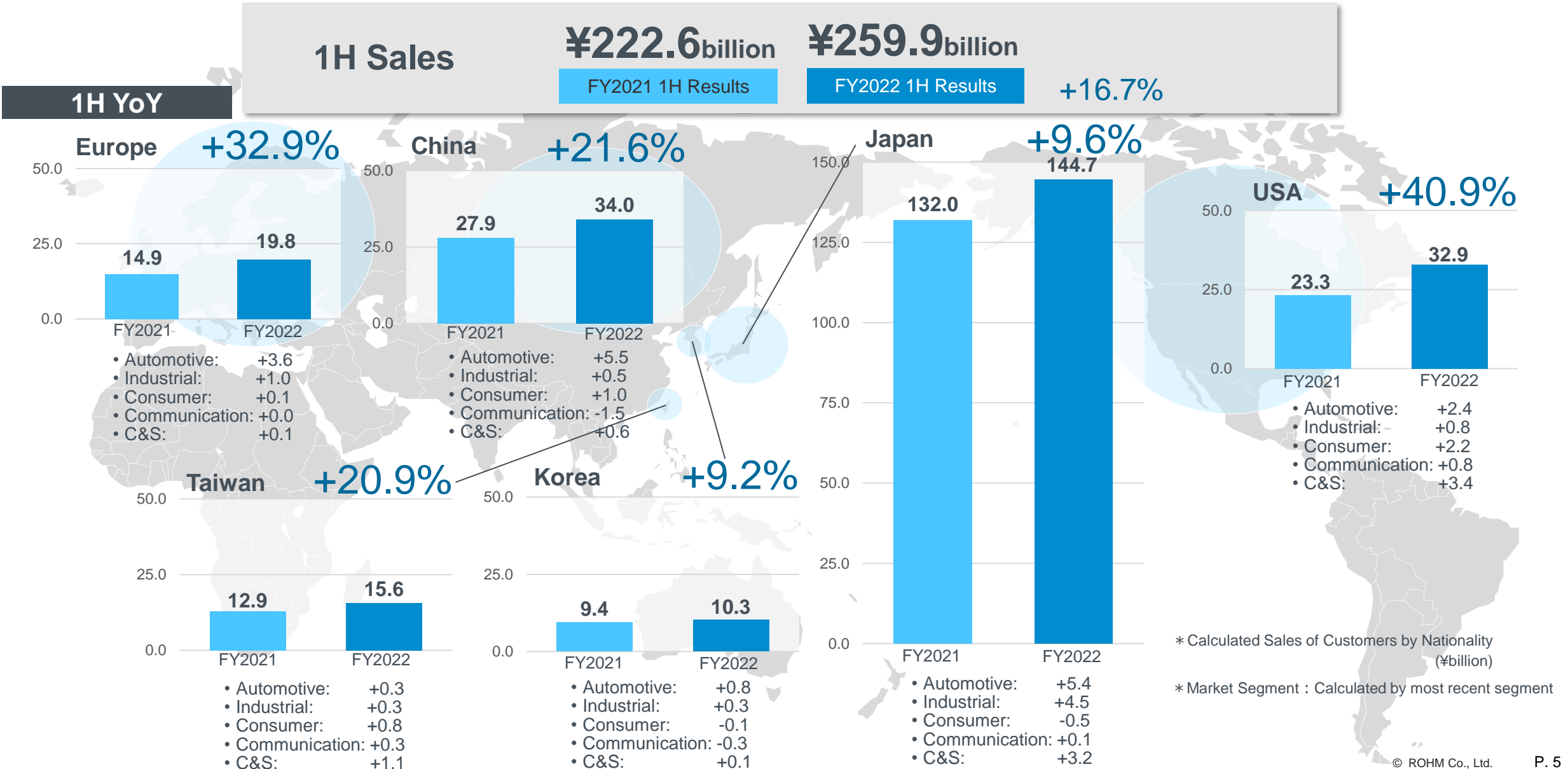
FY2022 1H Sales Trend by Market Segments (YoY)

(¥billion)

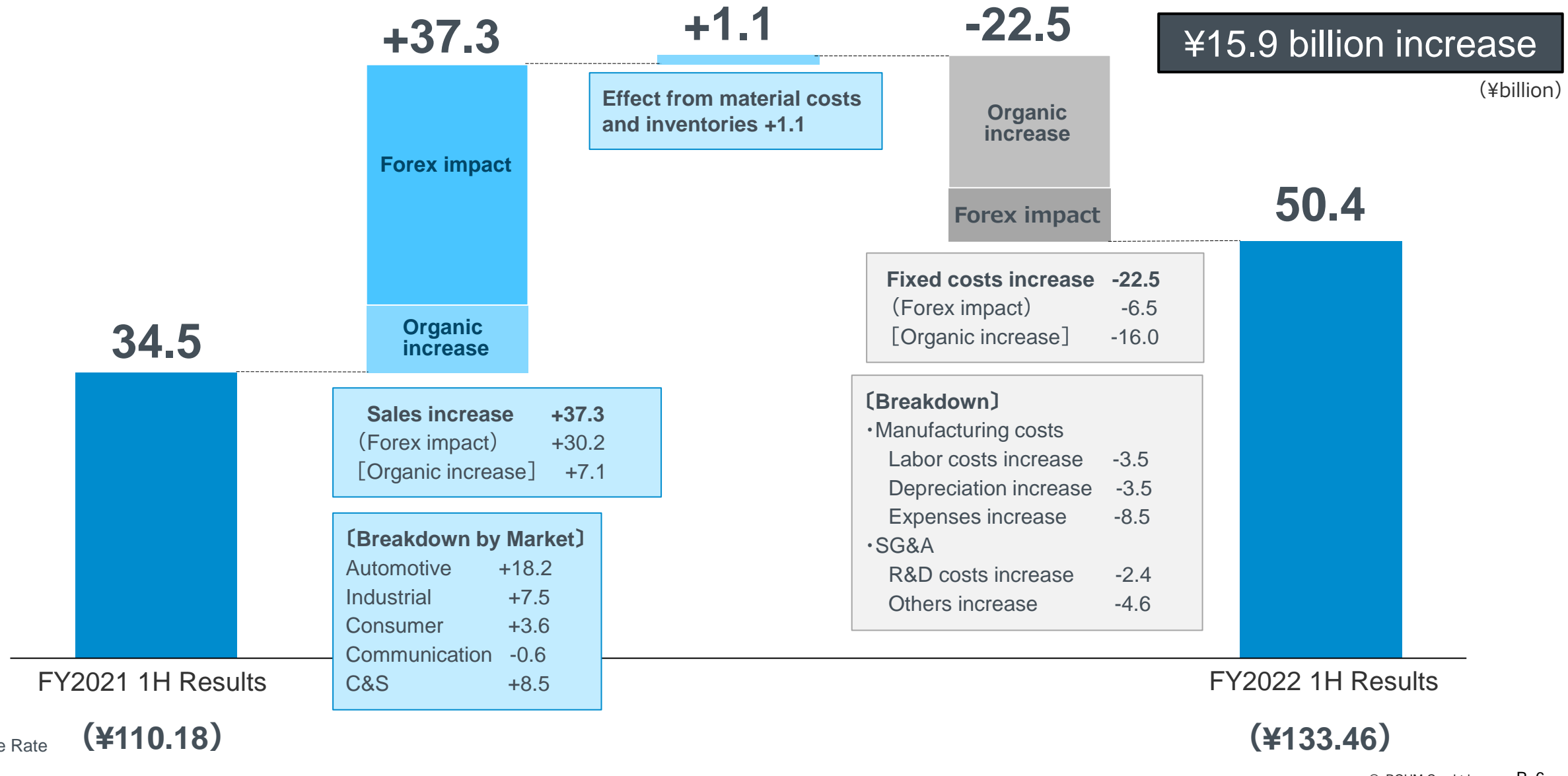


* Market Segment: Calculated by most recent segment

FY2022 1H Sales Trend by Customer Nationality (YoY)



FY2022 1H Changes in Operating Profit (YoY)



Plan for the Full Year of FY2022 (VS. Initial Plan and YoY)

✕Revision announced this time

(¥billion)

	FY2022 Revised Plan	FY2022 Initial Plan	VS. Initial Plan	FY2021 Results	YoY
Net Sales	520.0	510.0	+2.0%	452.1	+15.0%
Operating Profit	90.0	76.0	+18.4%	71.4	+25.9%
(Ratio)	(17.3%)	(14.9%)	-	(15.8%)	-
Ordinary Profit	105.0	74.0	+41.9%	82.5	+27.2%
(Ratio)	(20.2%)	(14.5%)	-	(18.3%)	-
Net Profit	80.0	60.0	+33.3%	66.8	+19.7%
(Ratio)	(15.4%)	(11.8%)	-	(14.7%)	-
EBITDA	148.5	139.5	+6.5%	113.5	+30.8%
(Ratio)	(28.6%)	(27.4%)	-	(25.1%)	-

Average Exchange Rate(¥/US\$) (¥134.17)

End of Term Rate(¥/US\$) (¥135.00)

(¥115.57)

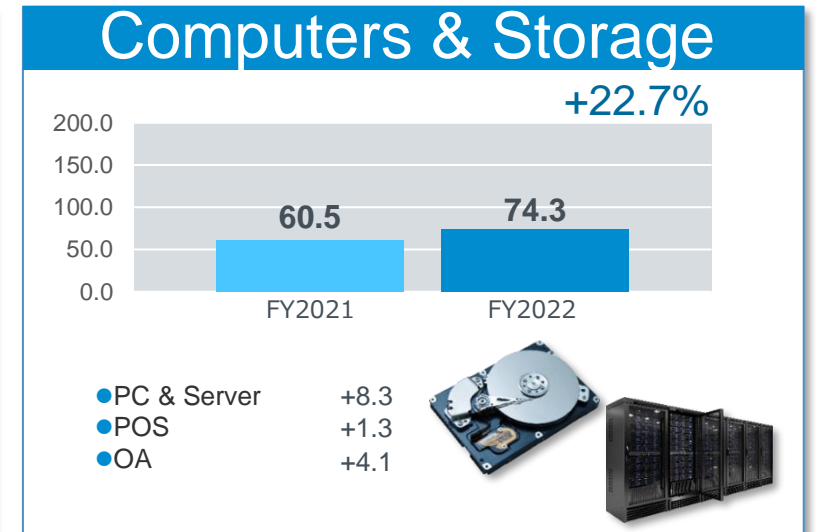
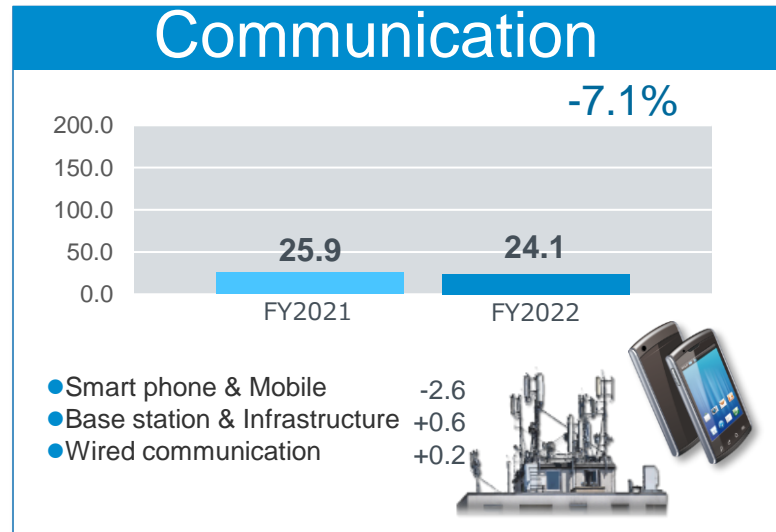
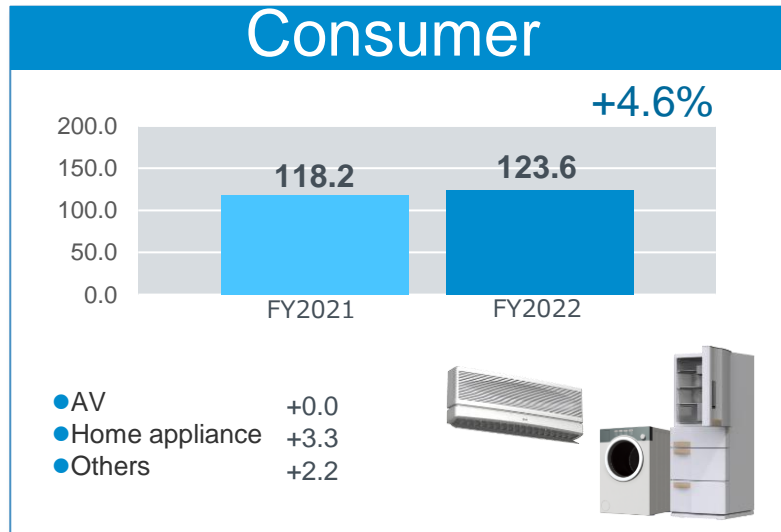
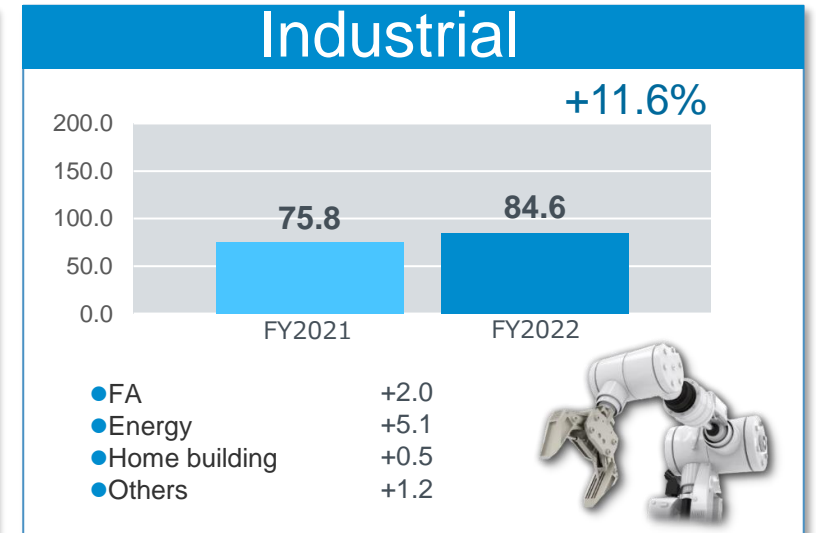
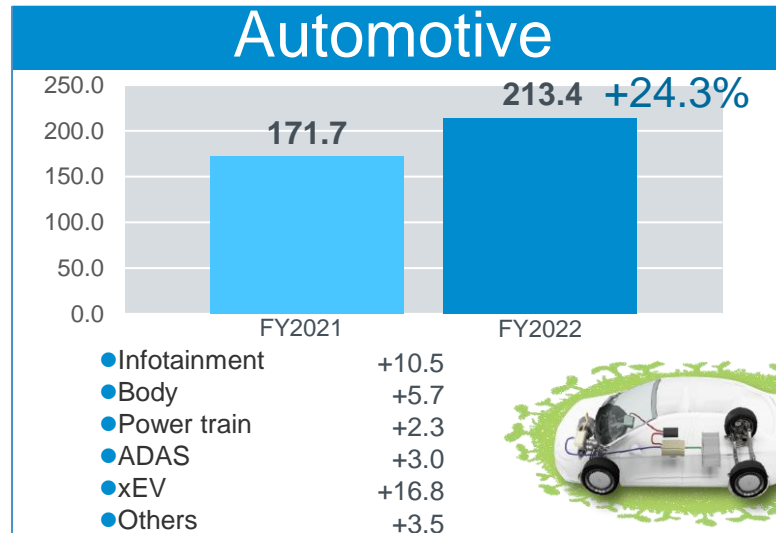
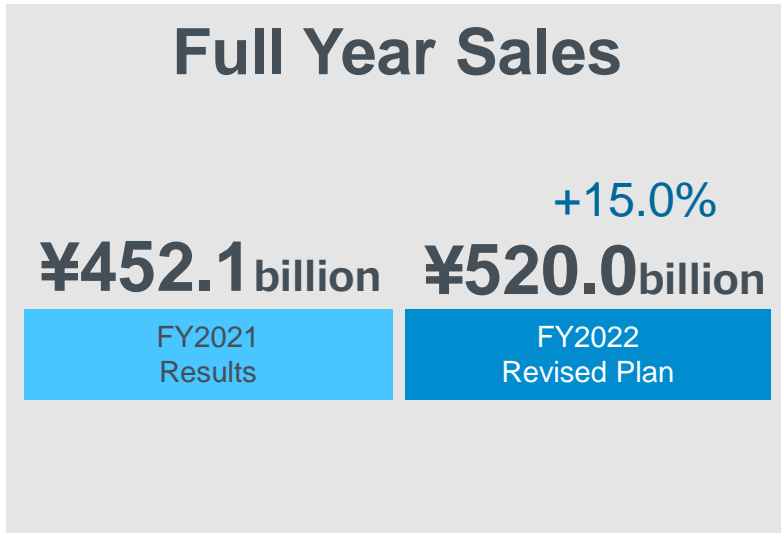
(¥115.00)

(¥112.86)

(¥122.39)

FY2022 Full Year Sales Trend by Market Segments (YoY)

(¥billion)

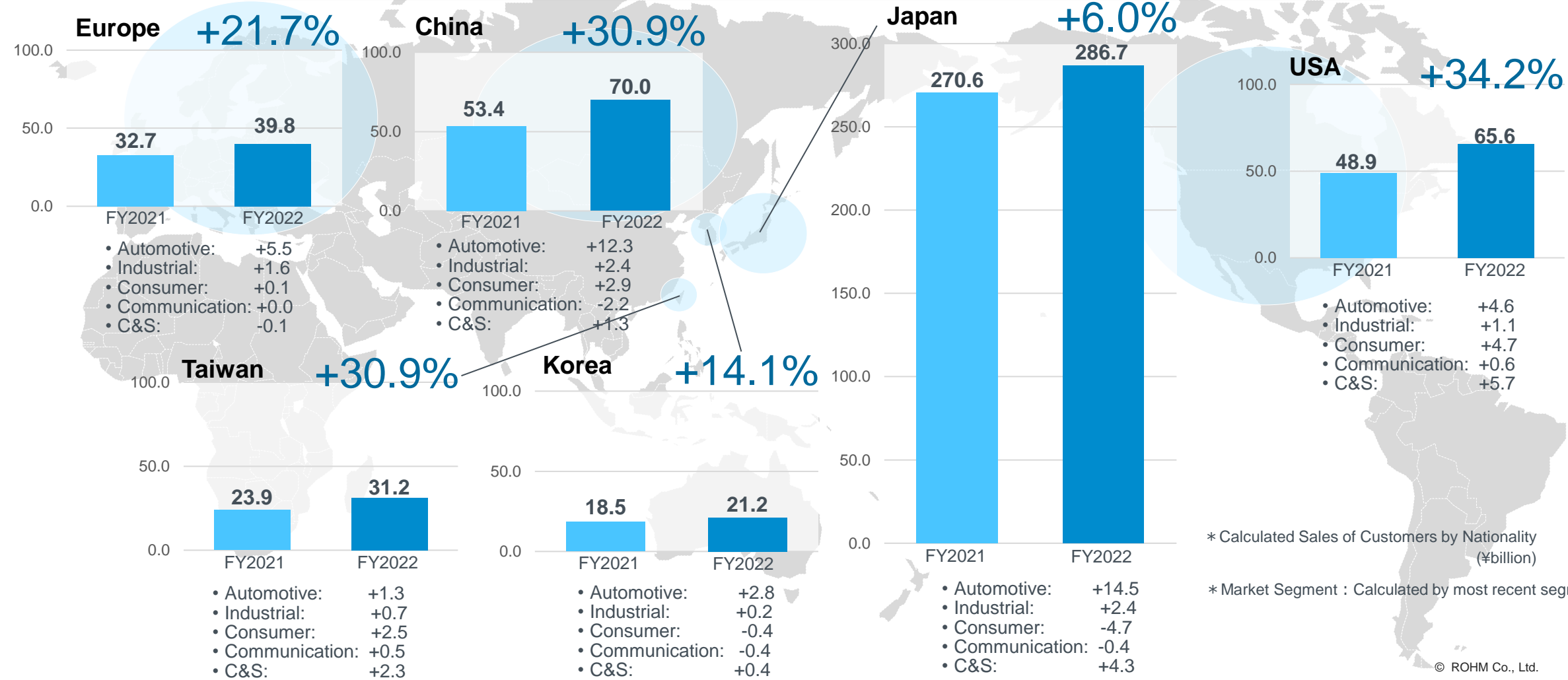


* Market Segment: Calculated by most recent segment

FY2022 Full Year Sales Trend by Customer Nationality (YoY)

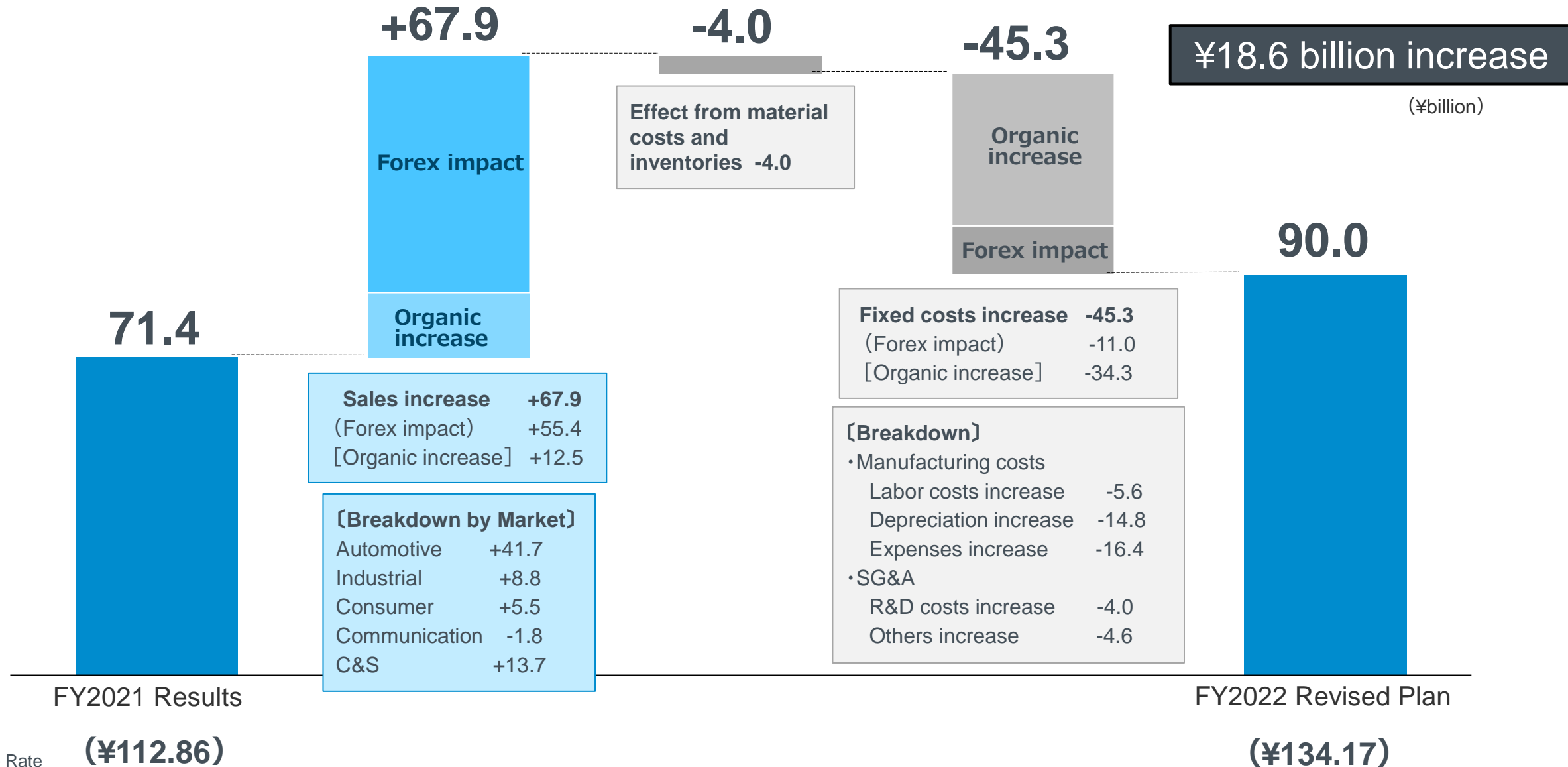
Full Year Sales **¥452.1 billion** **¥520.0 billion**
 FY2021 Results **FY2022 Revised Plan** **+15.0%**

Full Year YoY



* Calculated Sales of Customers by Nationality (¥billion)
 * Market Segment : Calculated by most recent segment

FY2022 Full Year Changes in Operating Profit (YoY)



Average Exchange Rate (¥/US\$)

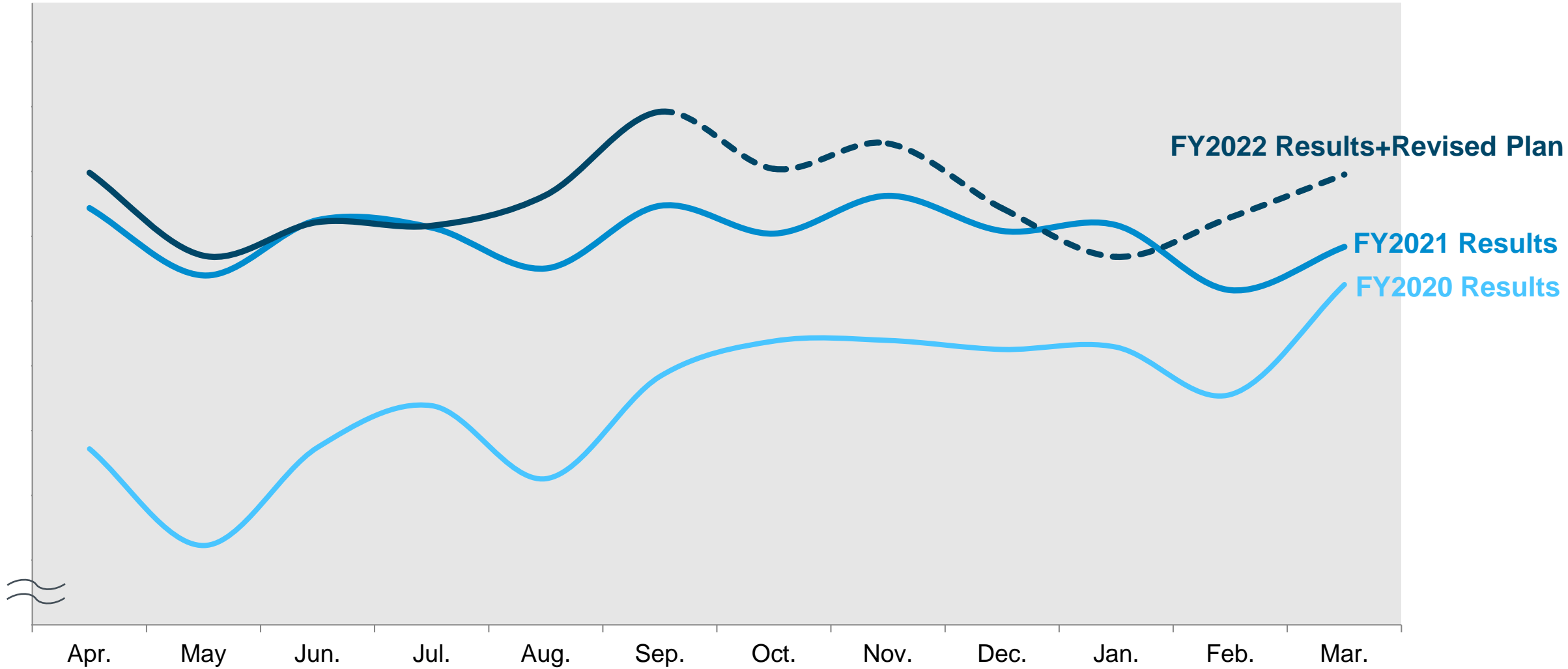
(¥112.86)

(¥134.17)

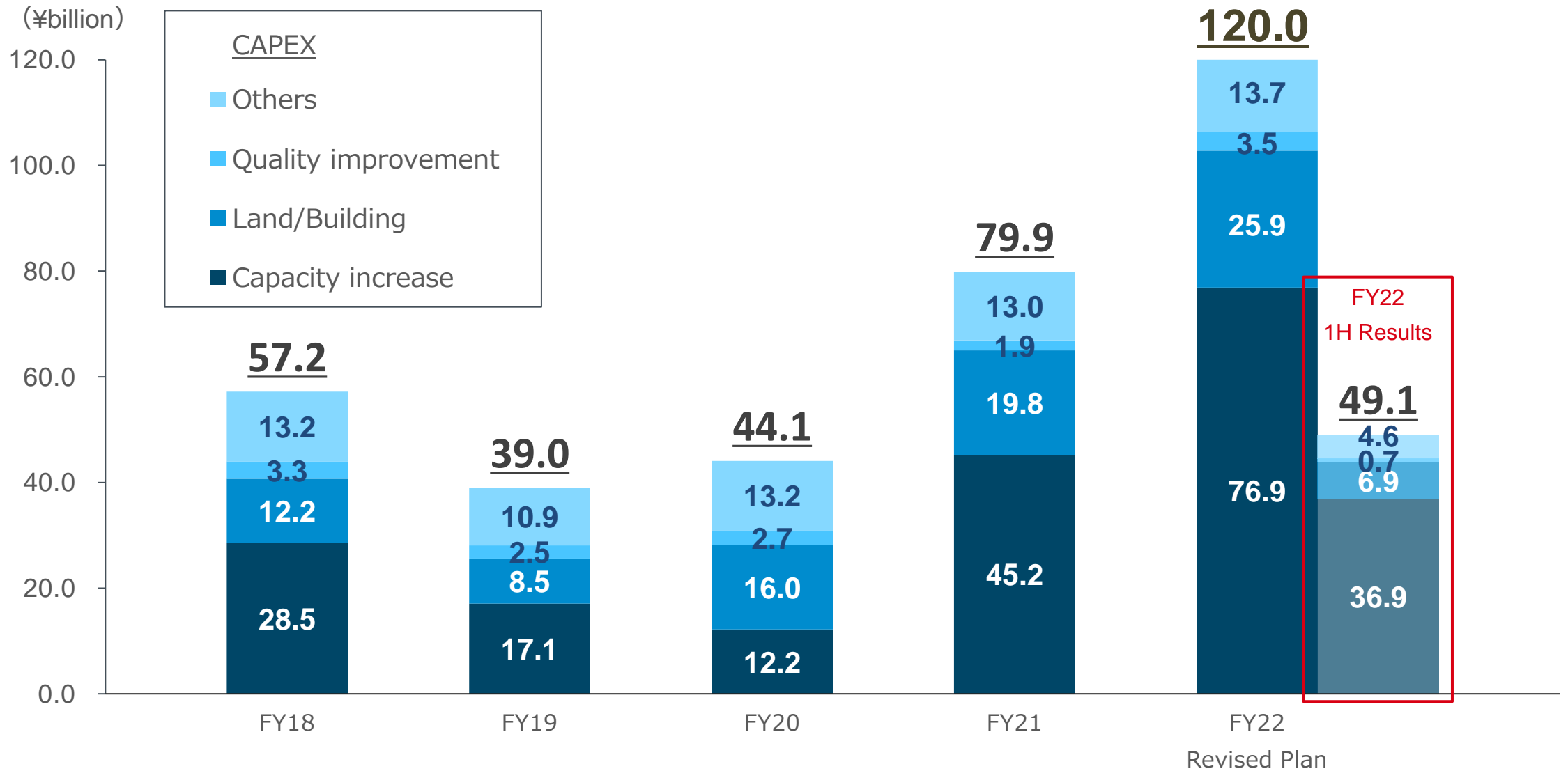
Sales Trend



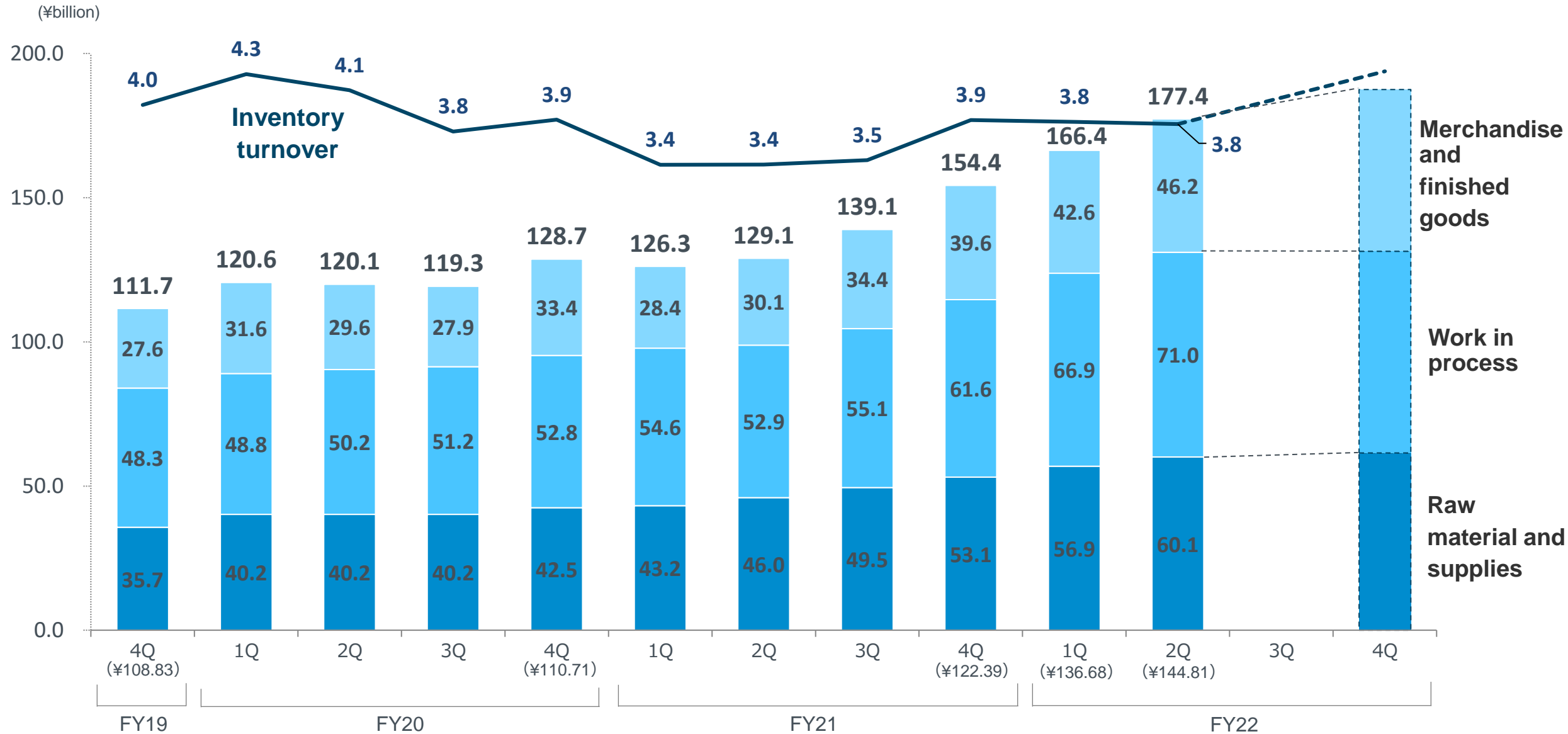
※Excluding effect from forex



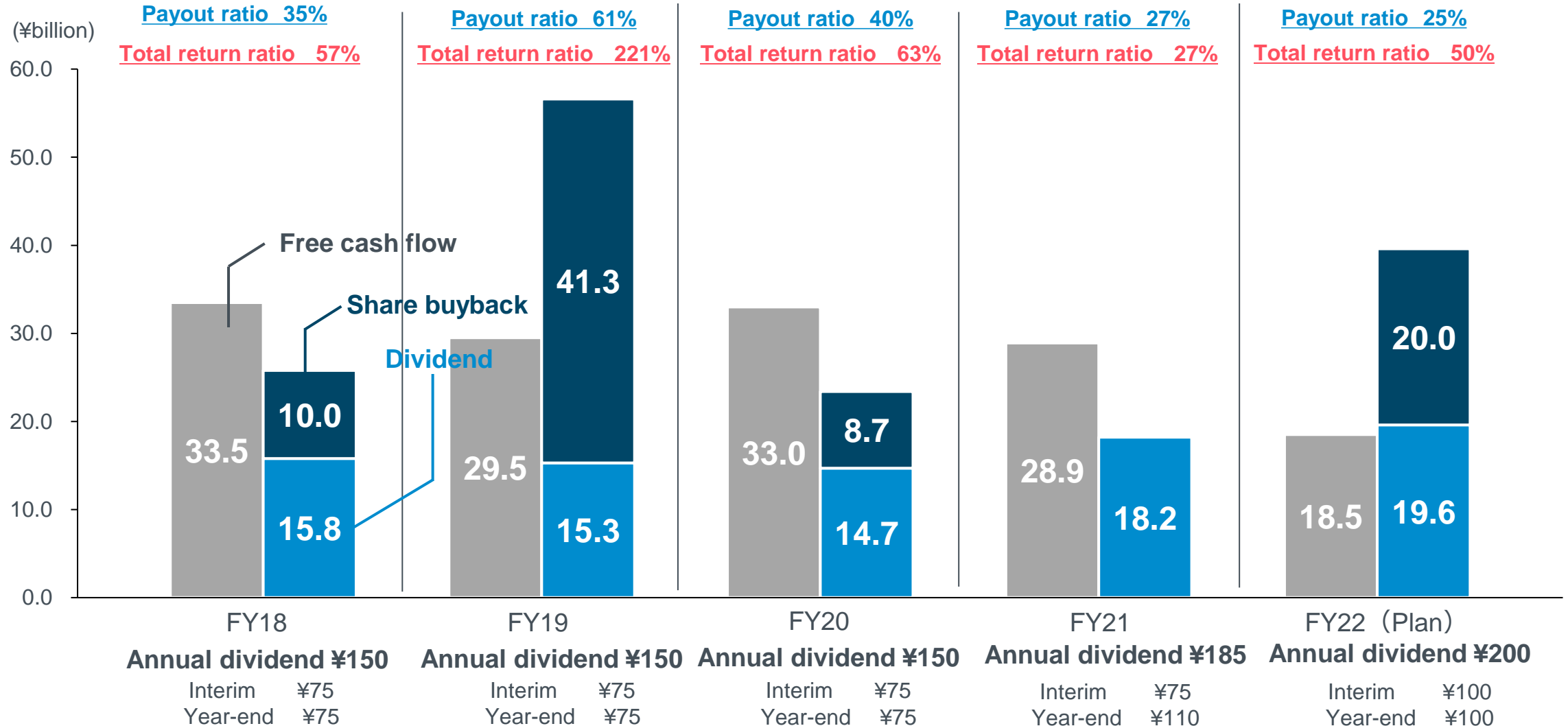
Capital Expenditures



Inventories (Amount)



Returns to Shareholders



* Free cash flow: Net profit + depreciation – CAPEX

Enhance development/support in the strategic TOP10 area of ASSP products

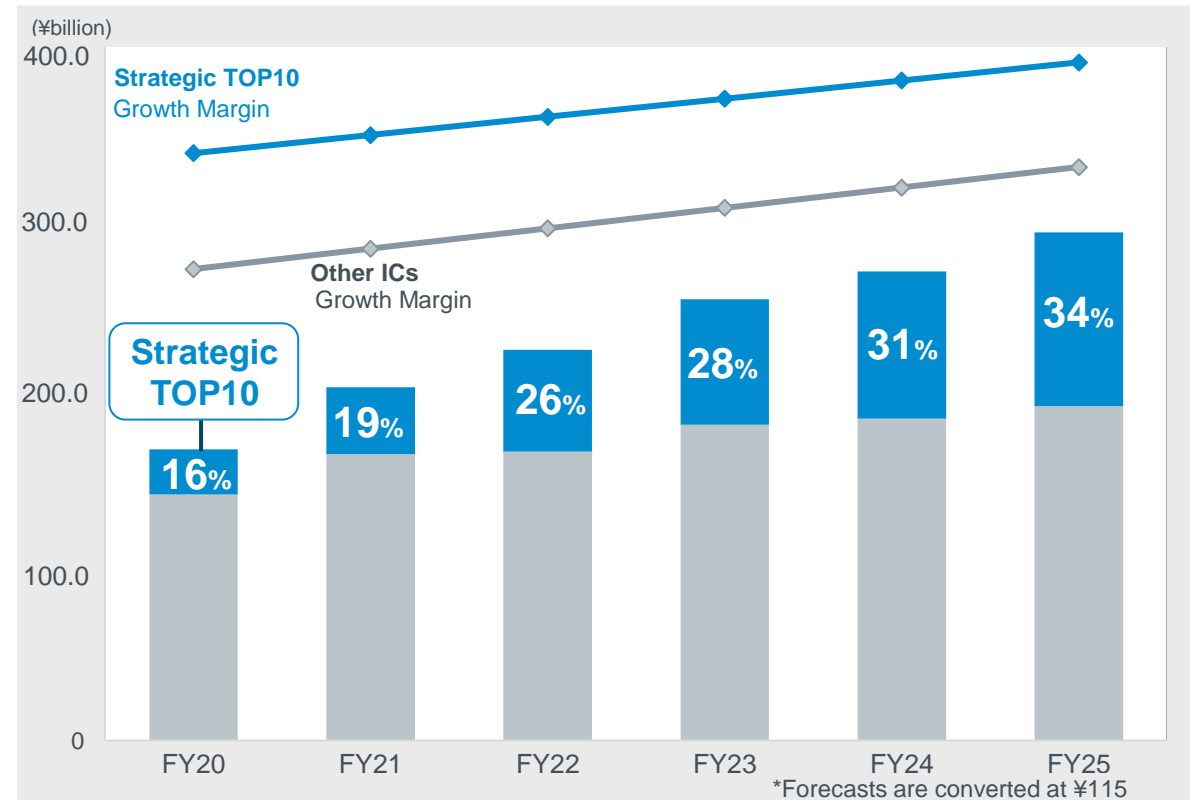
Defined the TOP10 ASSP products with **high sales growth and added-value** as the strategic TOP10 area.

Raise the **sales ratio** of the top 10 strategic products to **increase average unit price and expand sales and profits.**

Portfolio (Strategic TOP10 Area)



Sales Ratio/Growth Margin (Strategic TOP10 Area)

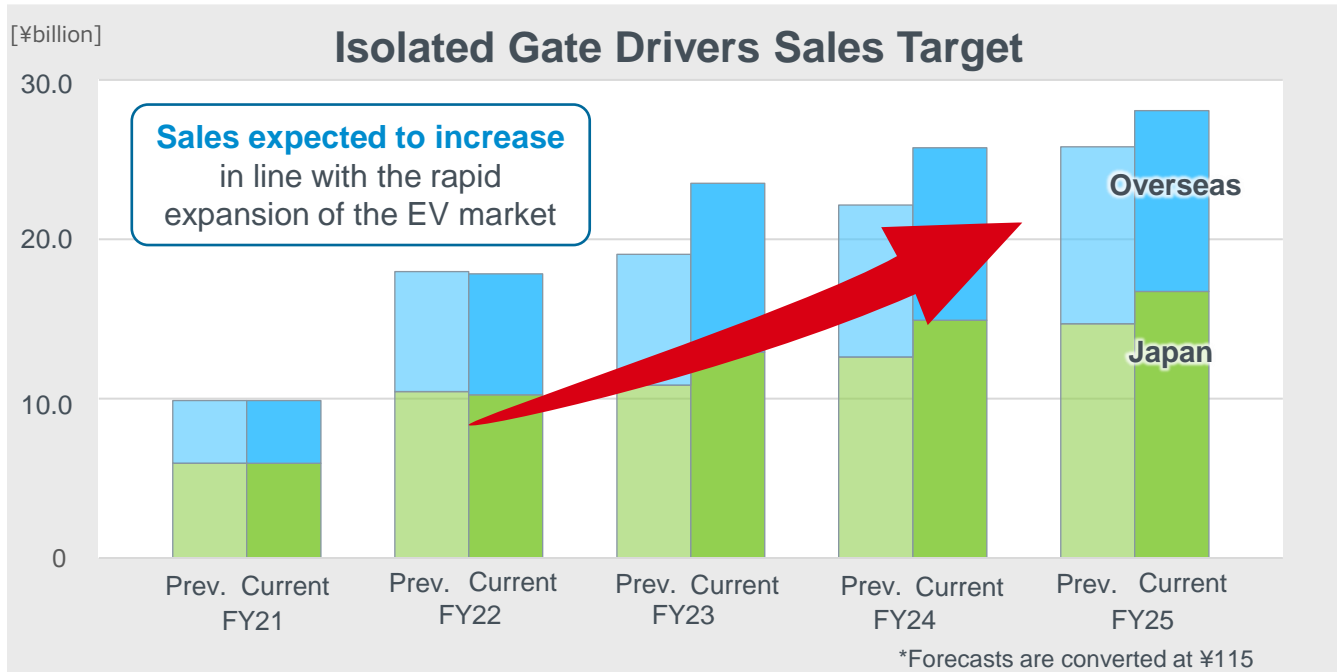


Isolated Gate Driver

Implement-unique coreless transformer technology

Integrate power supply, temperature monitoring, protection circuits, and more

Unique design (including the package) to achieve **high noise immunity and reliability**

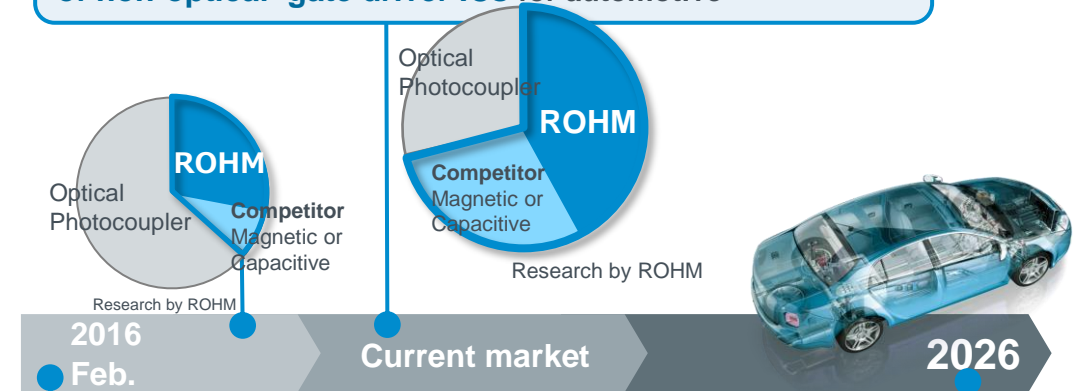


- **Shipment volume increased** due to expansion of xEV market.
- **Maintaining top share among major Japanese manufacturers. Significantly expanding market share in the US and China.**
- **Construction of a new building at the Malaysian plant is underway** to accommodate future growth. **Mass production is planned to begin in 2024.**



No.1 global market share of isolated gate drivers for traction inverters

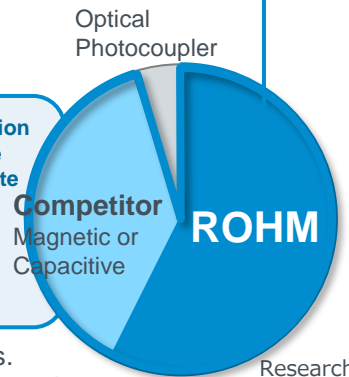
ROHM currently has a W/W share of **approximately 60%** of non-optical gate driver ICs for automotive



- The increasing demand for miniaturization of EVs (inverters, etc.), will increase the market ratio of magnetically isolated gate drivers.
- ROHM aims to expand sales while maintaining an overwhelming market share.

World's first

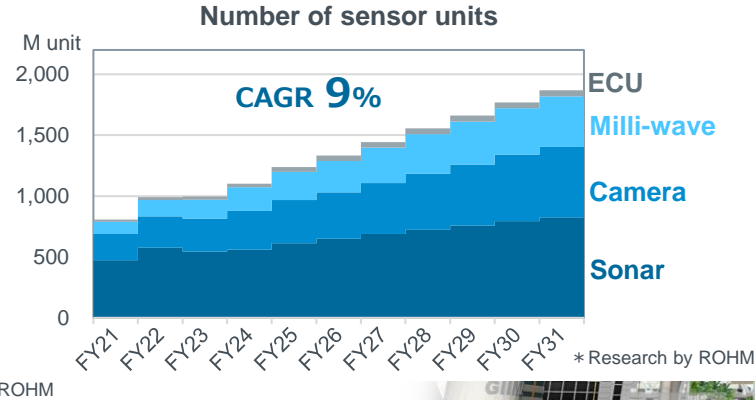
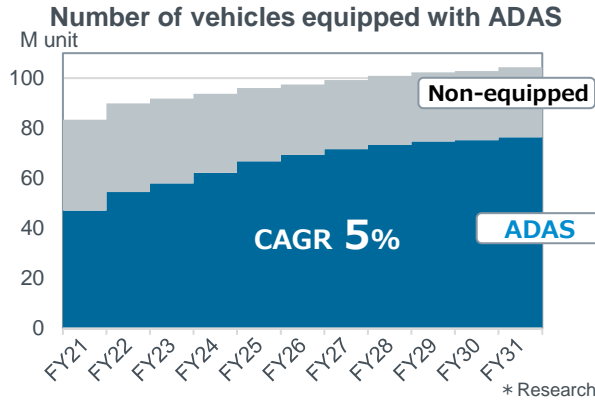
Started mass production of magnetically isolated gate drivers. Integrates temperature monitoring & power supply in a single package.



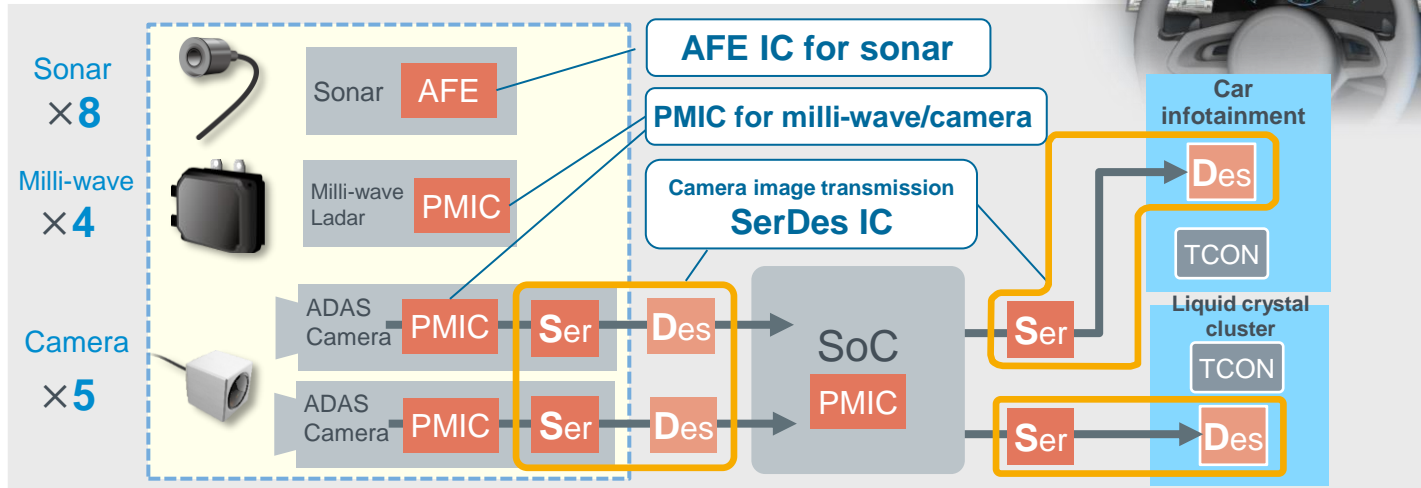
Product development in the area of **ADAS Autonomous Driving** in addition to xEV

~SerDes IC, AFE IC for sonar, PMIC for sensor·SoC~

ADAS Market



Block Diagram



* SerDes : Serializer, Deserializer * AFE : Analog Front End IC (Signal Processing IC) * PMIC : Power Management IC (Large-scale Power Supply IC)

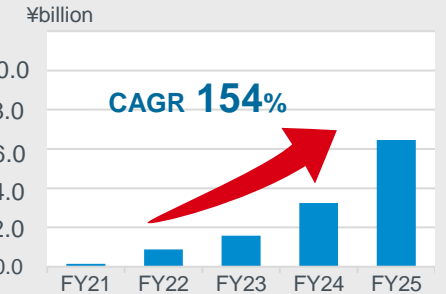
ROHM's Sales Target

● SerDes IC

For high-resolution image transmission

EMI prevention function

- Variable transmission rate
- SerDes independent control Spread spectrum function

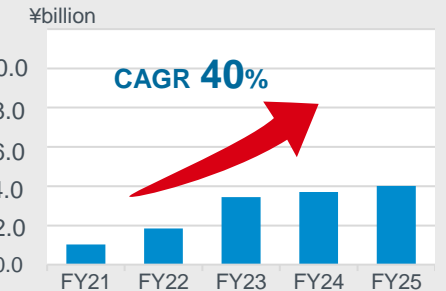


● AFE IC for sonar

For short range measurement

Established long-range transformerless technology by utilizing high-voltage FAB

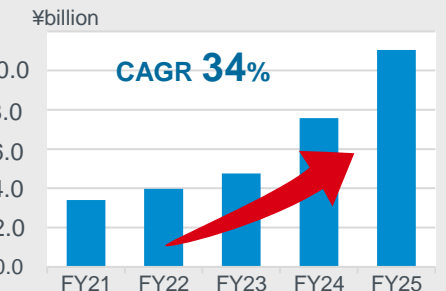
- Contributes to miniaturization of modules



● PMIC (Sensor/SoC)

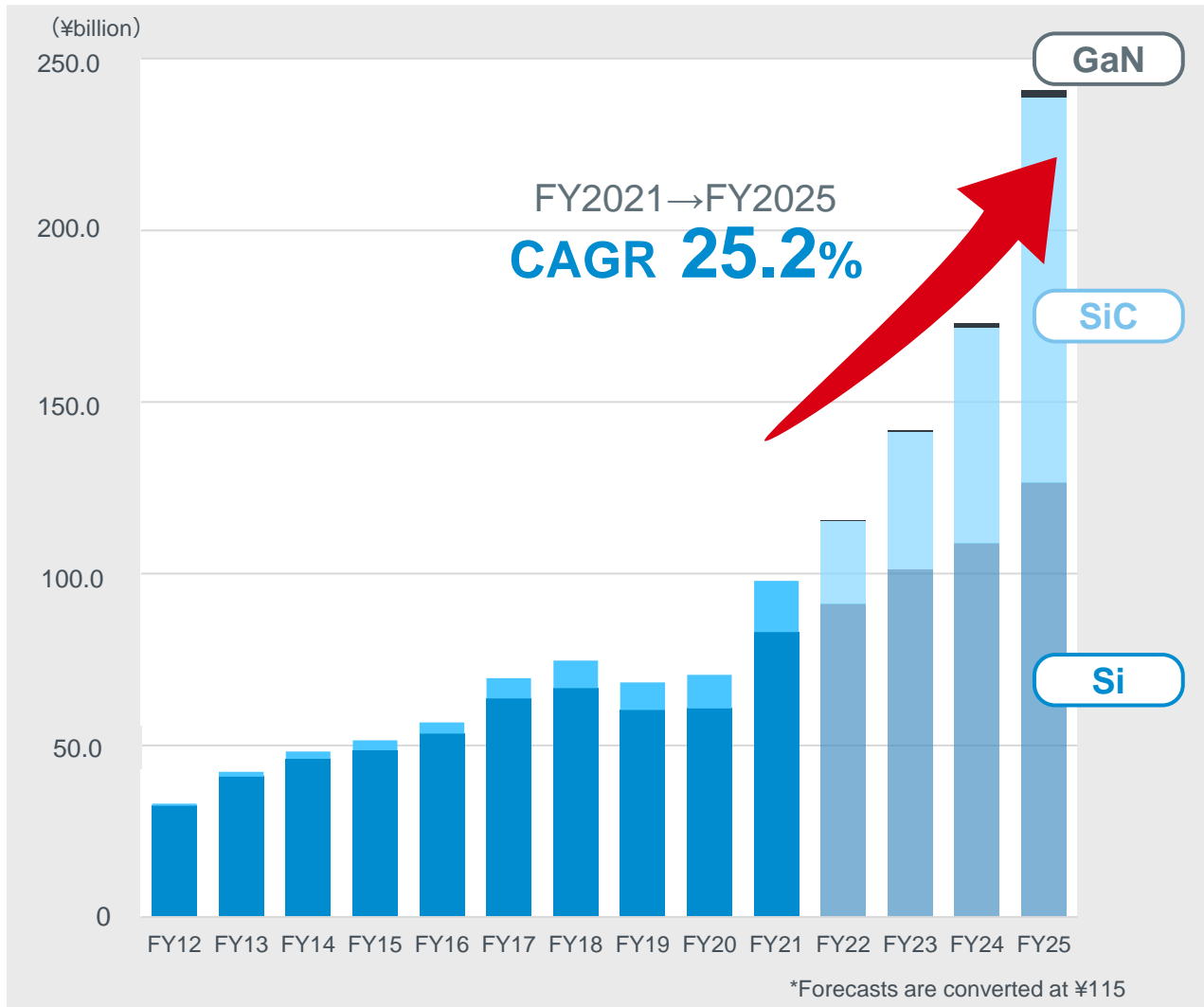
High-performance PMIC

- Low-noise power management technology → Reduce heat generation, miniaturization of peripheral components
- High-current, high-speed response technology → Compatible with SoC for high-functional autonomous vehicles

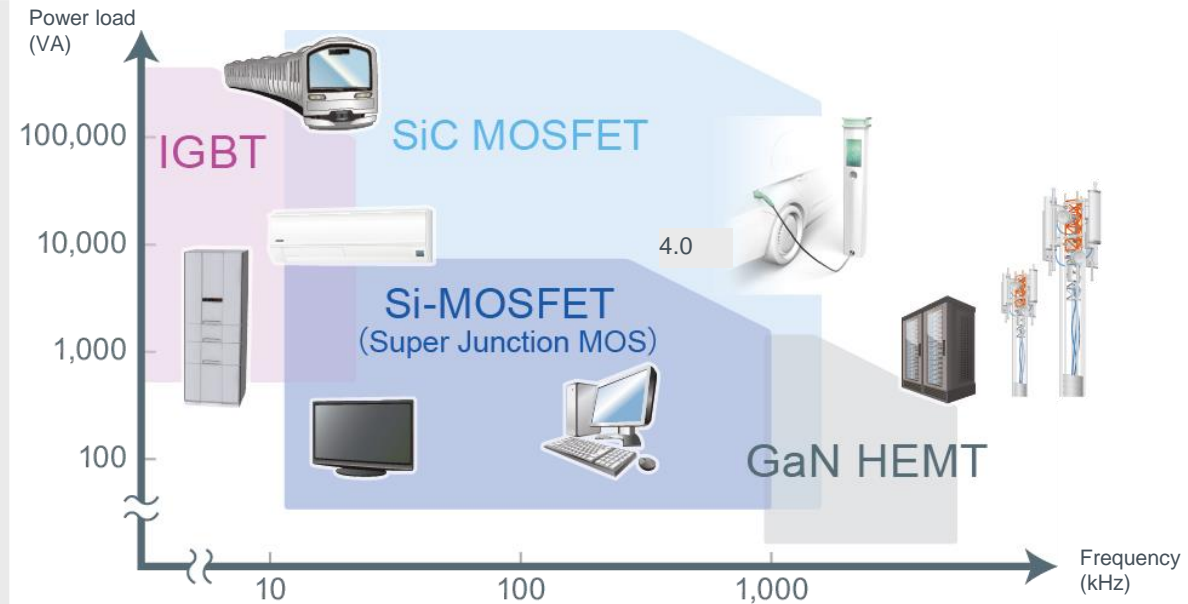


*Forecasts are converted at ¥115

Sales Target of the Power Device Business



Application Coverage of Power Devices



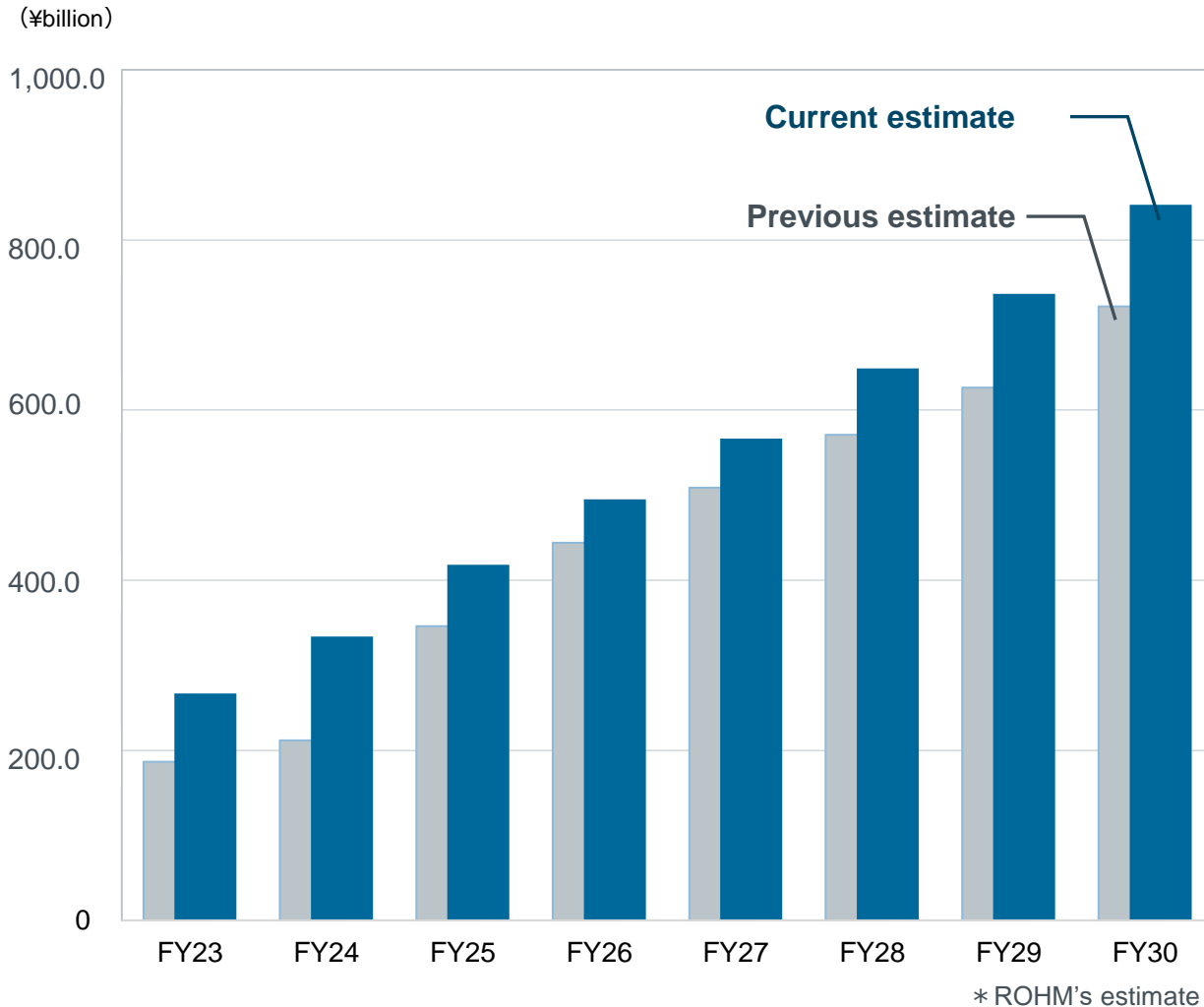
SiC

- High power
- High voltage (> 600V)
- High frequency (20~200kHz)

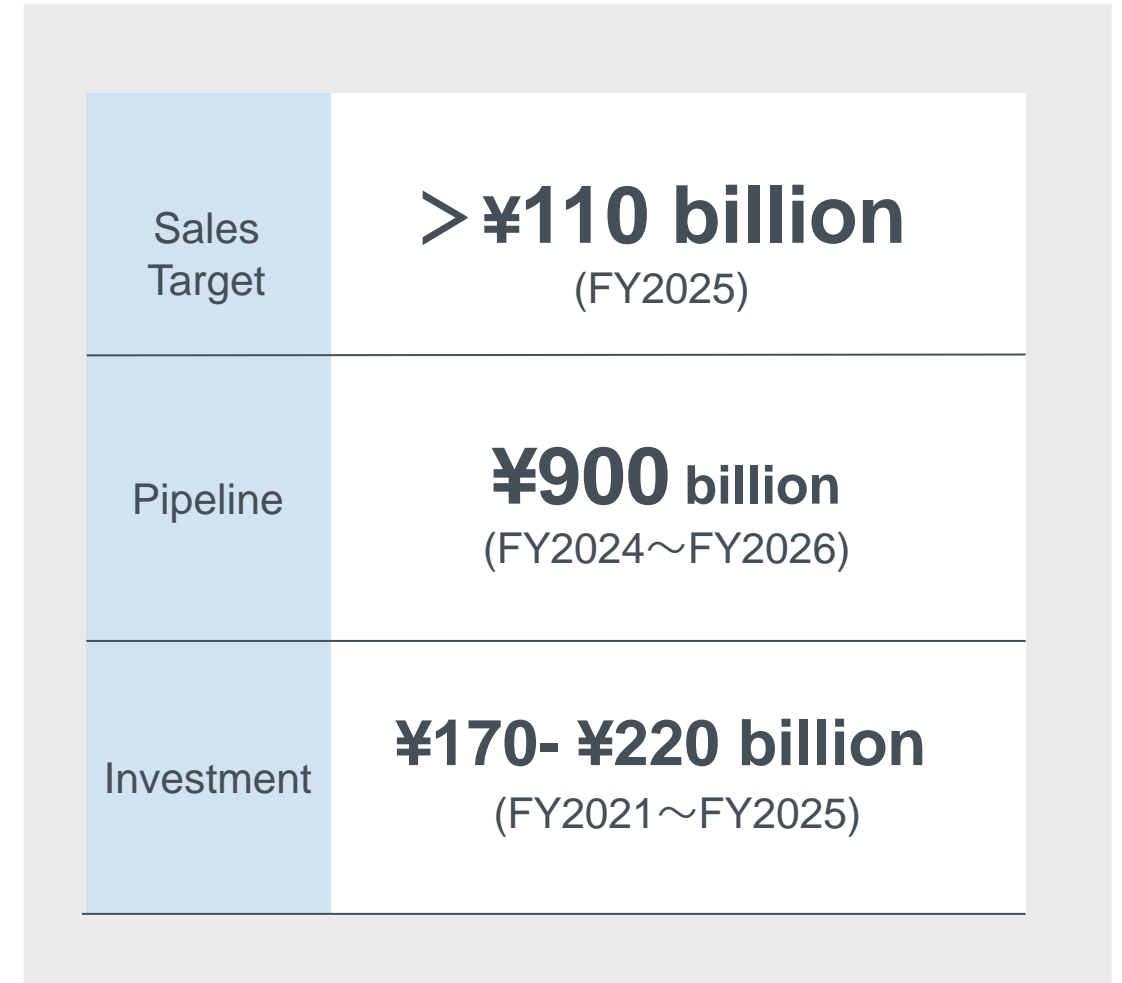
GaN

- Middle power
- Middle voltage (100~600V)
- High frequency (Over 200kHz)

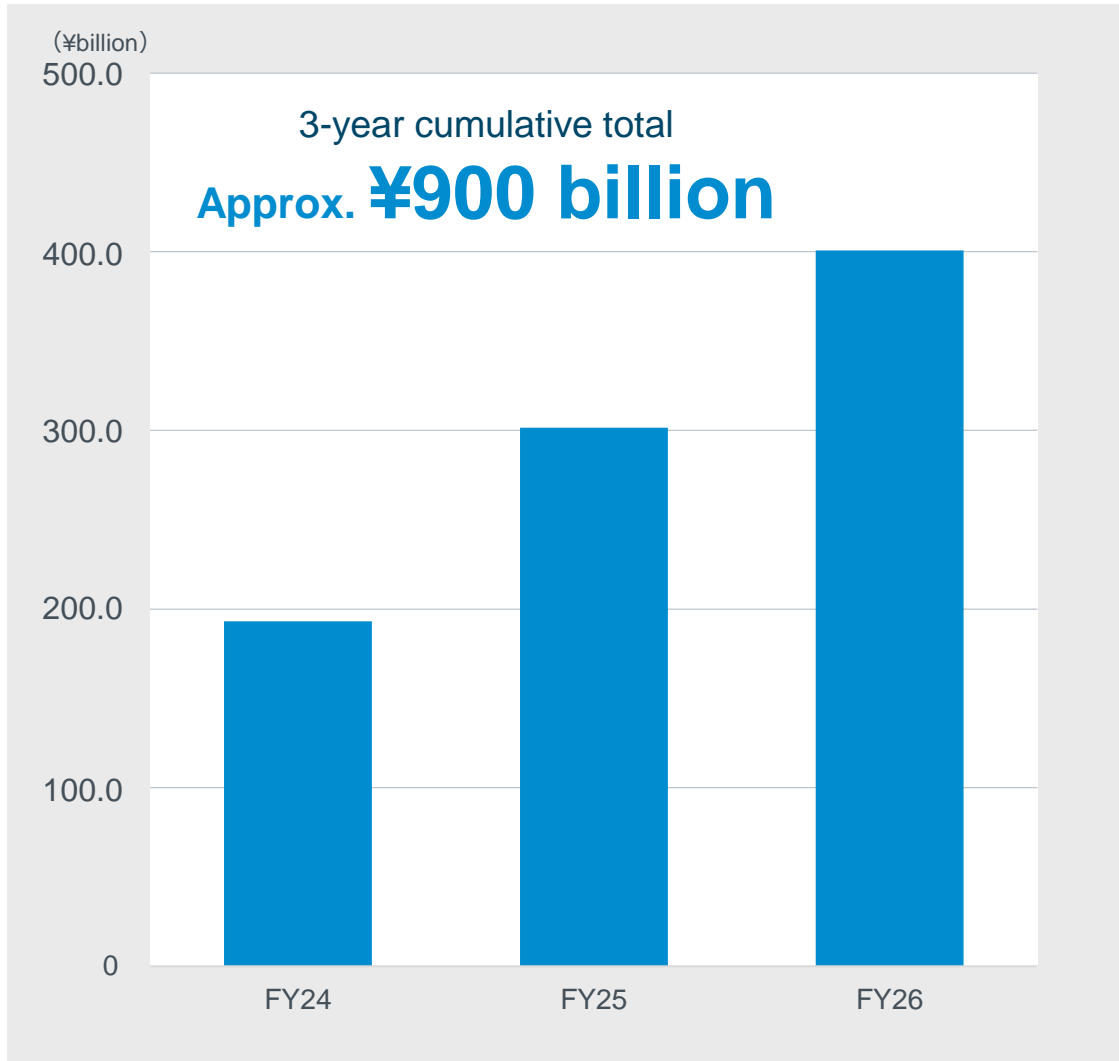
SiC Projected Market Size



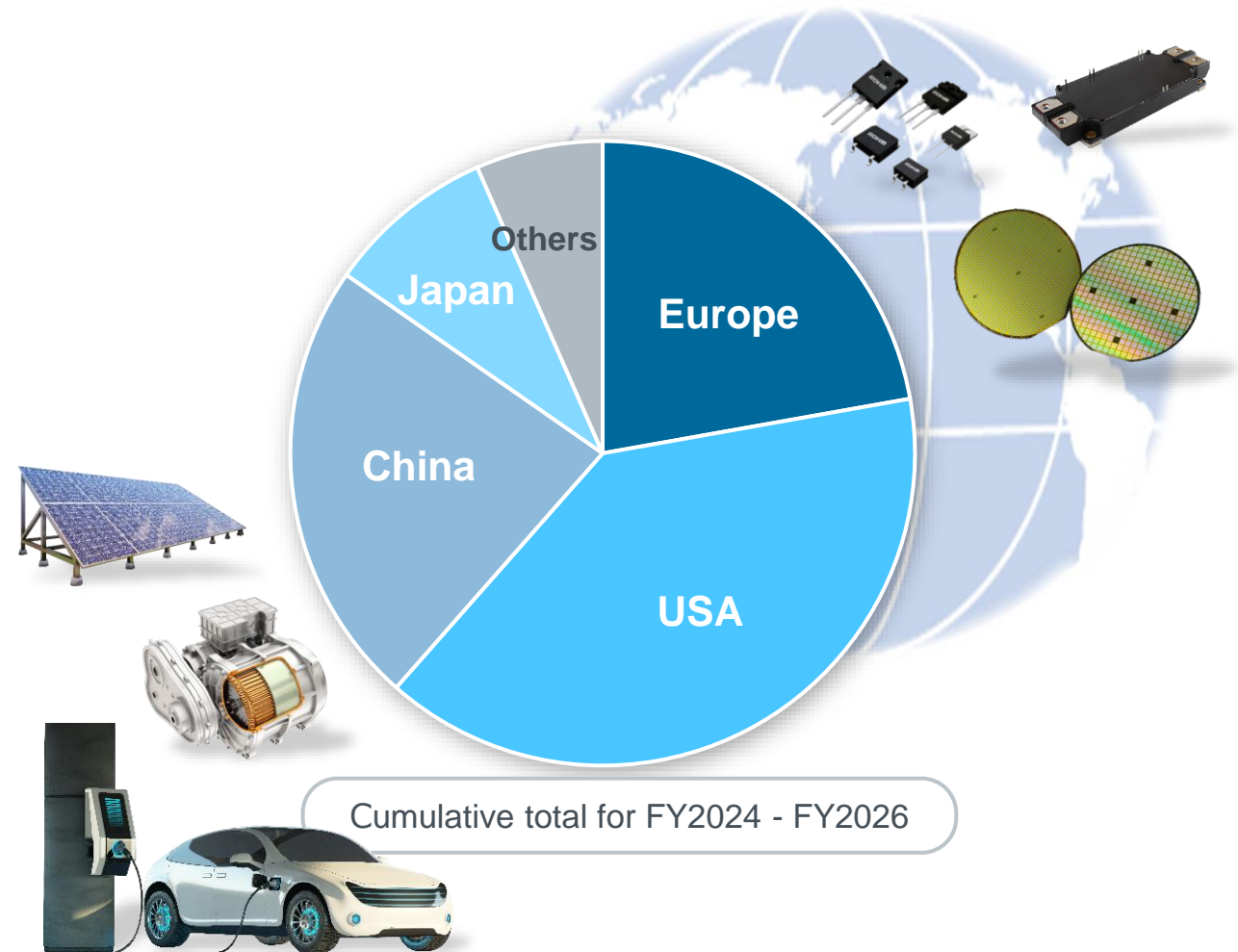
Business Targets



SiC Pipeline Amount



Pipeline Breakdown by Region



<Note>

1. This material is originally written in Japanese. In the event of any differences or discrepancies in the contents including contexts, figures, and others between Japanese and English version of the material, Japanese original version shall govern.

2. The forecasts for the fiscal year ending March 2023 are based upon the information which the company considers reasonable at this time. Actual results may differ considerably by the changes of environment and so forth.

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