

# Consolidated Financial Results for the Fiscal Year Ended March 31, 2019

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- I . Consolidated Financial Results  
for Fiscal 2018**
  - II . Consolidated Financial Results Forecast  
for Fiscal 2019**
  - III . Capital Policy, Returning Profits to  
Shareholders**
  - IV . Supplementary Data**
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**SHARP CORPORATION**  
**May 9, 2019**

## Forward-Looking Statements

This presentation contains certain statements about the future plans, strategies, and performance of Sharp Corporation and its consolidated subsidiaries (“the Company” or “Sharp”). Statements not based on historical or present facts are assumptions and estimates based on information available at the time. Future plans, strategies, and performance are subject to known and unknown risks, uncertainties, and other factors. Actual performance, business activities, and financial position may differ materially from the assumptions and estimates provided herein due to risks, uncertainties, and other factors. Sharp is under no obligation to update these forward-looking statements in light of new information, future events, or other factors. Risks, uncertainties, and other matters that could affect actual results include, but are not limited to, the following factors:

- (1) The economic conditions in which Sharp operates
- (2) Sudden, rapid fluctuations in demand for Sharp products and services, as well as intensified price competition
- (3) Exchange rate fluctuations (particularly between the yen and the U.S. dollar, the euro, and other currencies)
- (4) Regulations, including trade restrictions with other countries
- (5) The progress of collaborations and alliances with other companies
- (6) Litigation and other legal proceedings against Sharp
- (7) Rapid technological changes in products and services, etc.

\*Amounts less than 100 million yen shown in this presentation material have been rounded down.

\*Year-on-year change has been calculated based on 100 million yen units. Percentage change has been calculated based on actual figures.

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# **I . Consolidated Financial Results for Fiscal 2018**

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# Consolidated Financial Results for Fiscal 2018 (1)

- U.S.-China trade friction, fluctuating demand among major customers, and other factors combined for a market environment much more challenging than anticipated through the end of the year
- Ahead of environmental changes, we are shifting to quality above quantity, securing bottom-line profits and profit margin in excess of prior-year results
- Ten consecutive quarters of net profits since Q3 FY2016
- Undertook measures to improve equity qualitatively, including partial acquisition and cancellation of Class A shares
- Providing dividends on common shares above FY2017 levels

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2

# Consolidated Financial Results for Fiscal 2018 (2)

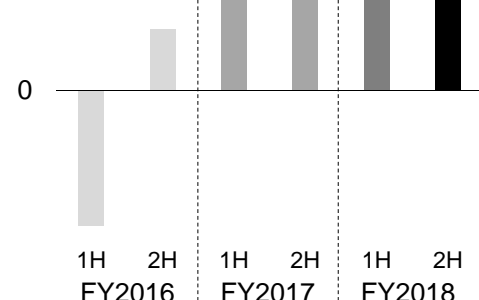
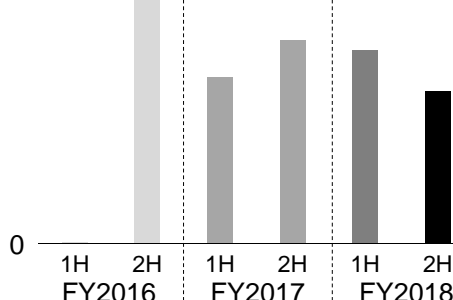
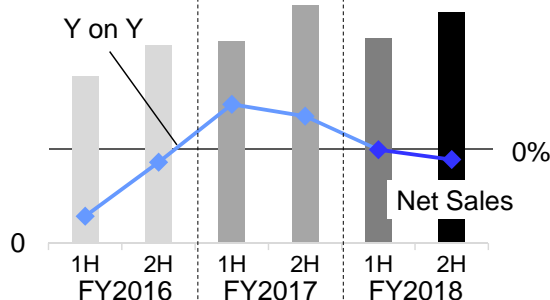
(Billions of Yen)

	FY2017	FY2018				Y on Y	vs. Forecast	FY2018
	Fiscal Year	First Half	Second Half	Fiscal Year	Fiscal Year Forecast			
<b>Net Sales</b>	<b>2,427.2</b>	<b>1,129.0</b>	<b>1,271.0</b>	<b>2,400.0</b>	-1.1%	-100.0	<b>2,500.0</b>	
<b>Operating Profit</b>	<b>90.1</b>	<b>47.0</b>	<b>37.1</b>	<b>84.1</b>	-6.6%	-22.9	<b>107.0</b>	
<b>Ordinary Profit</b>	<b>89.3</b>	<b>43.2</b>	<b>25.7</b>	<b>69.0</b>	-22.7%	-27.0	<b>96.0</b>	
<b>Profit Attributable to Owners of Parent</b>	<b>70.2</b>	<b>40.9</b>	<b>33.2</b>	<b>74.2</b>	+5.7%	-15.8	<b>90.0</b>	
	(2.9%)	(3.6%)	(2.6%)	(3.1%)			(3.6%)	
Avg. Exchange Rate								
USD/JPY	109.86	109.27	110.55	109.91				
Euro/JPY	128.20	128.34	125.47	126.90				

Net Sales

Operating Profit

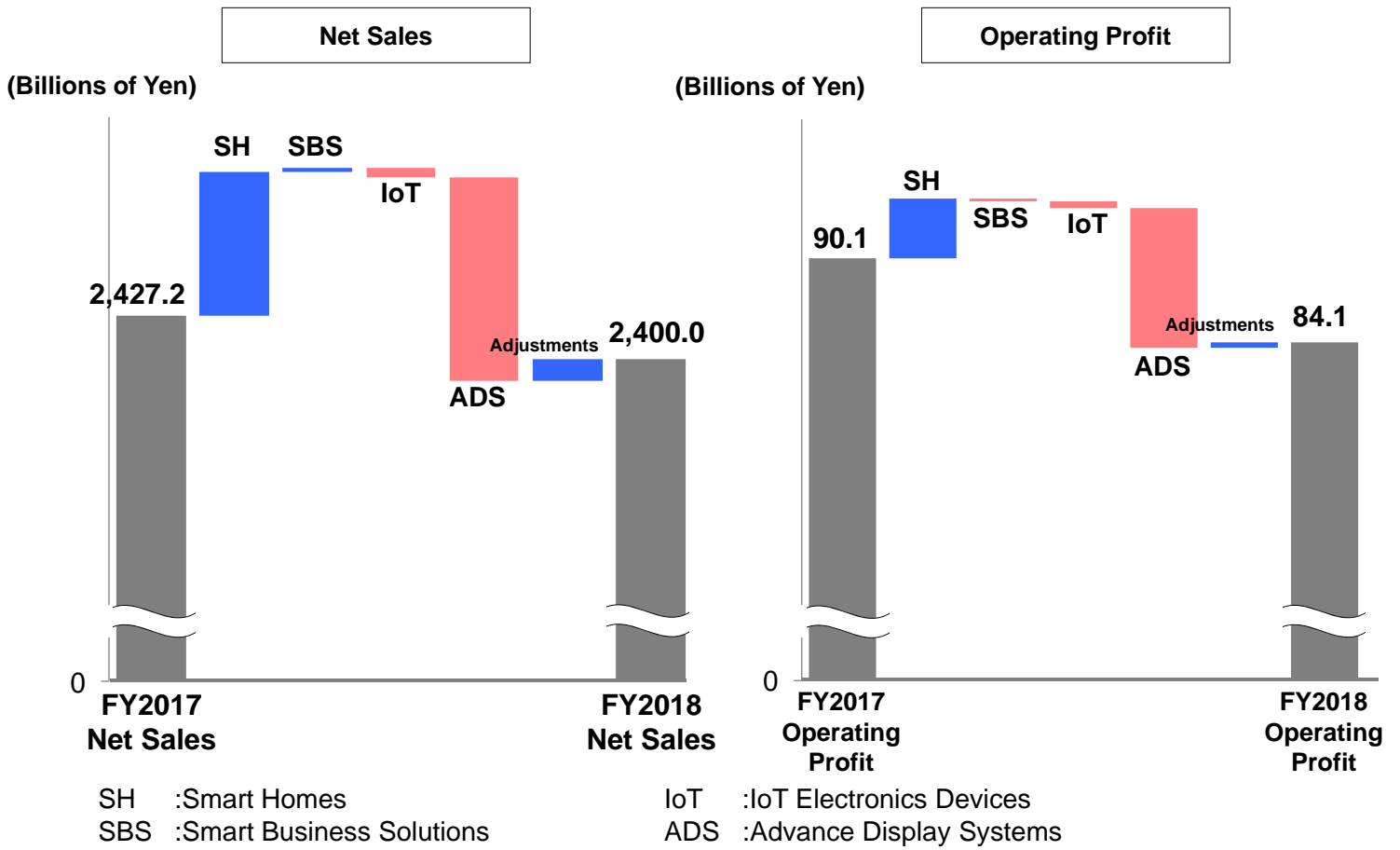
Profit Attributable to Owners of Parent



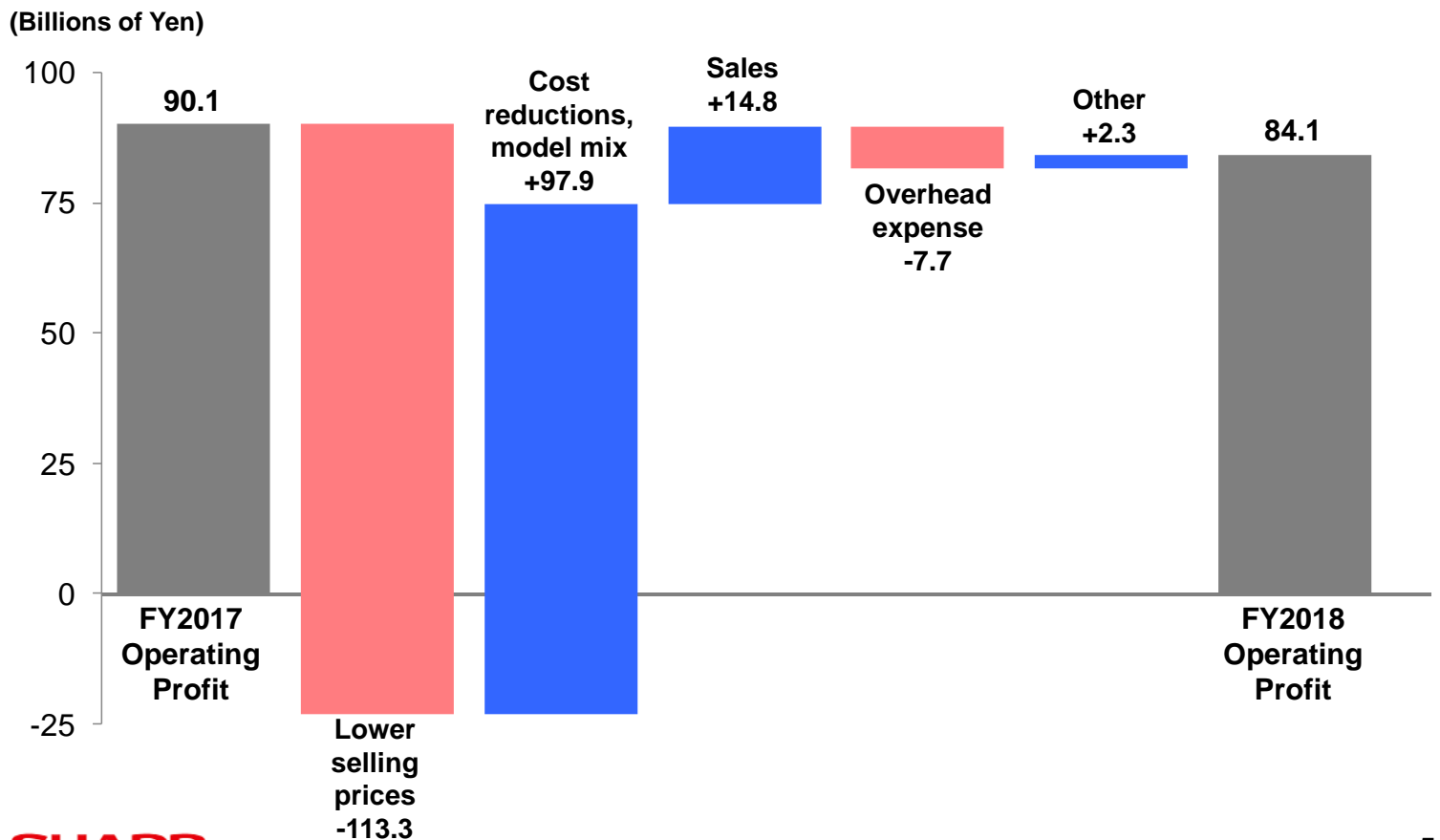
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3

# Sales and Operating Profit Analysis: Y on Y Change by Segment, Fiscal 2018



## Operating Profit Analysis: Y on Y Change Factors, Fiscal 2018

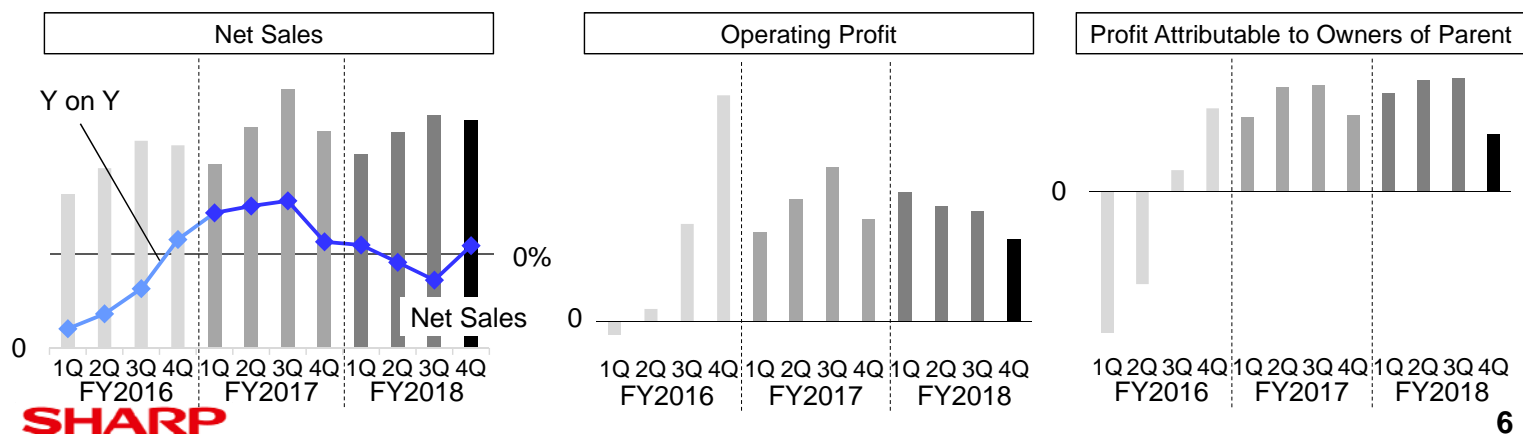


# Consolidated Financial Results for the Fourth Quarter, Fiscal 2018

- Our transition to quality above quantity and other factors have resulted in 10 consecutive quarters of net profits, despite a challenging market environment

(Billions of Yen)

	FY2017	FY2018					Y on Y
	4Q	1Q	2Q	3Q	4Q		
Net Sales	597.8	533.8	595.1	642.5	628.5	+5.1%	
Operating Profit	19.7	24.8	22.2	21.2	15.8	-19.7%	
Ordinary Profit	18.2	21.2	21.9	18.8	6.9	-61.6%	
Profit Attributable to Owners of Parent	14.8 (2.5%)	19.2 (3.6%)	21.7 (3.7%)	22.1 (3.4%)	11.1 (1.8%)	-24.9%	
Avg. Exchange Rate							
USD/JPY	107.30	108.07	110.46	111.90	109.21		
Euro/JPY	131.73	128.56	128.12	127.28	123.66		

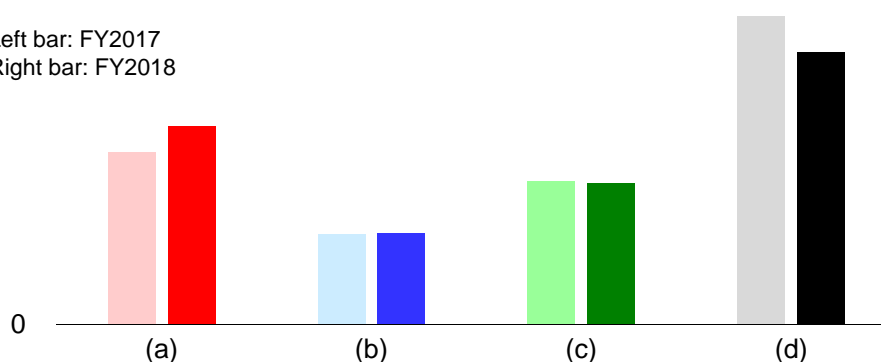


# Sales by Segment

(Billions of Yen)

	FY2017	FY2018					Fiscal Year	Y on Y
	Fiscal Year	First Half	3Q	4Q	Second Half			
(a) Smart Homes	607.9	300.6	178.6	217.7	396.3	696.9	+14.6%	
(b) Smart Business Solutions	318.0	158.4	79.2	82.6	161.9	320.4	+0.7%	
(c) IoT Electronics Devices	504.5	250.8	137.7	110.5	248.2	499.0	-1.1%	
(d) Advance Display Systems	1,086.5	458.2	267.2	234.1	501.4	959.6	-11.7%	
Subtotal	2,517.2	1,168.1	662.8	645.0	1,307.9	2,476.1	-1.6%	
Adjustments	-89.9	-39.1	-20.3	-16.5	-36.8	-76.0	-	
<b>Total</b>	<b>2,427.2</b>	<b>1,129.0</b>	<b>642.5</b>	<b>628.5</b>	<b>1,271.0</b>	<b>2,400.0</b>	<b>-1.1%</b>	

Left bar: FY2017  
Right bar: FY2018



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\*Sales include inter-segment sales and transfers.

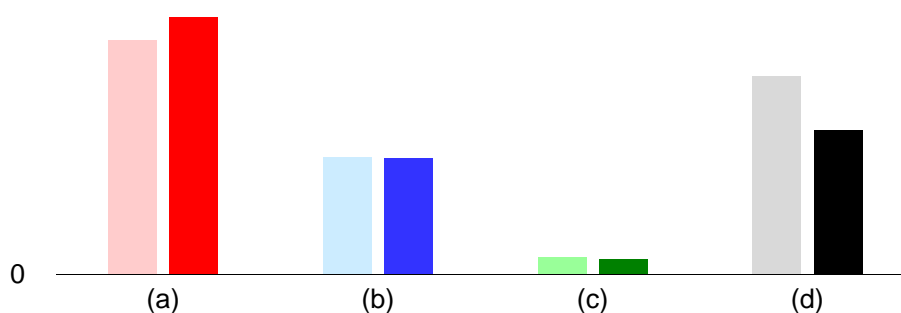
7

# Operating Profit by Segment

\*Figures within parentheses indicate operating margin. (Billions of Yen)

	FY2017	FY2018					Fiscal Year	Y on Y
	Fiscal Year	First Half	3Q	4Q	Second Half			
(a) Smart Homes	43.7 (7.2%)	23.3 (7.8%)	10.8 (6.1%)	13.8 (6.3%)	24.7 (6.2%)	48.0 (6.9%)	+9.8%	
(b) Smart Business Solutions	21.9 (6.9%)	9.0 (5.7%)	5.9 (7.5%)	6.7 (8.1%)	12.6 (7.8%)	21.6 (6.8%)	-1.2%	
(c) IoT Electronics Devices	3.3 (0.7%)	0.2 (0.1%)	2.5 (1.8%)	0.0 (0.1%)	2.6 (1.1%)	2.8 (0.6%)	-13.1%	
(d) Advance Display Systems	37.0 (3.4%)	19.0 (4.1%)	7.8 (2.9%)	0.1 (0.1%)	8.0 (1.6%)	27.0 (2.8%)	-26.9%	
Subtotal	106.0 (4.2%)	51.6 (4.4%)	27.2 (4.1%)	20.8 (3.2%)	48.0 (3.7%)	99.6 (4.0%)	-6.0%	
Adjustments	-15.9	-4.6	-5.9	-4.9	-10.9	-15.5	-	
<b>Total</b>	<b>90.1 (3.7%)</b>	<b>47.0 (4.2%)</b>	<b>21.2 (3.3%)</b>	<b>15.8 (2.5%)</b>	<b>37.1 (2.9%)</b>	<b>84.1 (3.5%)</b>	<b>-6.6%</b>	

Left bar: FY2017  
Right bar: FY2018



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8

# Non-Operating Income (Expenses) / Extraordinary Income (Losses)

(Billions of Yen)

	FY2017	FY2018					Fiscal Year	Difference (Y on Y)
	Fiscal Year	First Half	3Q	4Q	Second Half			
<b>Operating Profit</b>	<b>90.1</b>	<b>47.0</b>	<b>21.2</b>	<b>15.8</b>	<b>37.1</b>	<b>84.1</b>	-6.0	
<b>Non-operating Income (Expenses)</b>	<b>-0.8</b>	<b>-3.7</b>	<b>-2.4</b>	<b>-8.8</b>	<b>-11.3</b>	<b>-15.1</b>	-14.3	
Interest expense	-4.8	-2.1	-1.1	-1.0	-2.1	-4.3	+0.5	
Foreign exchange gain (loss)	+6.4	-3.6	-0.7	-1.3	-2.1	-5.7	-12.1	
Share of profit (loss) of entities accounted for using equity method	+0.1	-3.2	-1.9	-4.1	-6.1	-9.3	-9.4	
<b>Ordinary Profit</b>	<b>89.3</b>	<b>43.2</b>	<b>18.8</b>	<b>6.9</b>	<b>25.7</b>	<b>69.0</b>	-20.3	
<b>Extraordinary Income (Losses)</b>	<b>0.0</b>	<b>+1.3</b>	<b>+6.5</b>	<b>-1.3</b>	<b>+5.2</b>	<b>+6.5</b>	+6.5	
<b>Pretax Income</b>	<b>89.4</b>	<b>44.5</b>	<b>25.3</b>	<b>5.6</b>	<b>31.0</b>	<b>75.5</b>	-13.9	
<b>Income Taxes, etc.</b>	<b>-19.1</b>	<b>-3.6</b>	<b>-3.2</b>	<b>+5.4</b>	<b>+2.2</b>	<b>-1.3</b>	+17.8	
<b>Profit Attributable to Owners of Parent</b>	<b>70.2</b>	<b>40.9</b>	<b>22.1</b>	<b>11.1</b>	<b>33.2</b>	<b>74.2</b>	+4.0	

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9

## Consolidated Balance Sheets

- On January 30, we used 85.1 billion yen in cash on hand to acquire and then cancel a portion of Class A shares
- This transaction resulted in lower cash and deposits, net assets, and equity ratio for March year-end compared to the end of December
- Excluding the impact of this transaction, all balances above improved compared to December

	FY2018			FY2018			FY2018		
	End of Mar.	End of Dec.	End of Mar.	End of Mar.	End of Dec.	End of Mar.	End of Mar.	End of Dec.	End of Mar.
Cash and deposits	422.3	295.7	266.6	Notes and accounts payable - trade	429.4	467.4	410.3		
Notes and accounts receivable - trade	471.5	540.6	539.9	Short-term loans payable	81.2	68.3	81.4		
Inventories	219.7	278.3	243.8	Current portion of bonds payable	10.0	40.0	30.0		
Other current assets	103.6	105.2	90.9	Other current liabilities	312.7	269.1	291.3		
<b>Current Assets</b>	<b>1,217.1</b>	<b>1,220.0</b>	<b>1,141.3</b>	<b>Current Liabilities</b>	<b>833.4</b>	<b>844.9</b>	<b>813.1</b>		
Property, plant and equipment	428.5	419.9	405.0	Bonds payable	30.0	0.0	0.0		
Intangible assets	44.7	43.9	39.6	Long-term loans payable	507.0	528.6	538.2		
Investments and other assets	217.8	278.8	280.2	Other non-current liabilities	136.2	144.3	142.5		
<b>Non-current Assets</b>	<b>691.2</b>	<b>742.6</b>	<b>724.9</b>	<b>Non-current Liabilities</b>	<b>673.2</b>	<b>673.0</b>	<b>680.7</b>		
<b>Deferred Assets</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>Net Assets</b>	<b>401.7</b>	<b>444.6</b>	<b>372.4</b>		
<b>Total Assets</b>	<b>1,908.4</b>	<b>1,962.6</b>	<b>1,866.3</b>	<b>Total Liabilities and Net Assets</b>	<b>1,908.4</b>	<b>1,962.6</b>	<b>1,866.3</b>		
Exchange Rate, End of Period				Equity Ratio	19.8%	21.6%	18.8%		
USD/JPY	105.27	109.91	110.01	Equity	378.3	423.2	350.6		
Euro/JPY	129.08	125.38	123.06						

(vs. Dec. 2018)  
Acquisition of Class A shares -85.1  
Other +56.0

(vs. Dec. 2018)  
Acquisition of Class A shares -85.1  
Other +12.9

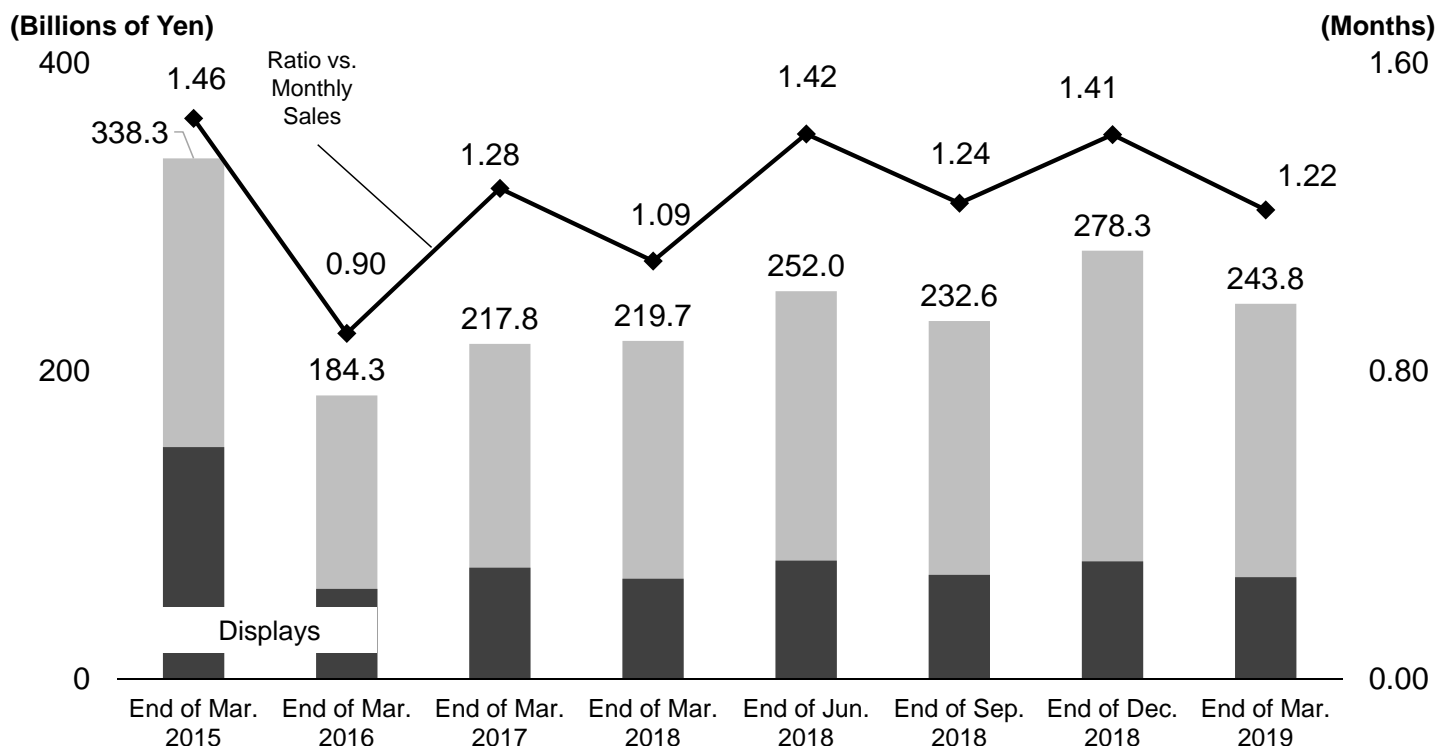
Excluding impact of acquisition of Class A shares 22.3%

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10

# Inventory Trends

- Inventory amounted to 243.8 billion yen, compared to a balance of 278.3 billion yen as of Dec. 31, 2018.
- We will continue to maintain appropriate levels of inventory in response to our sales plans

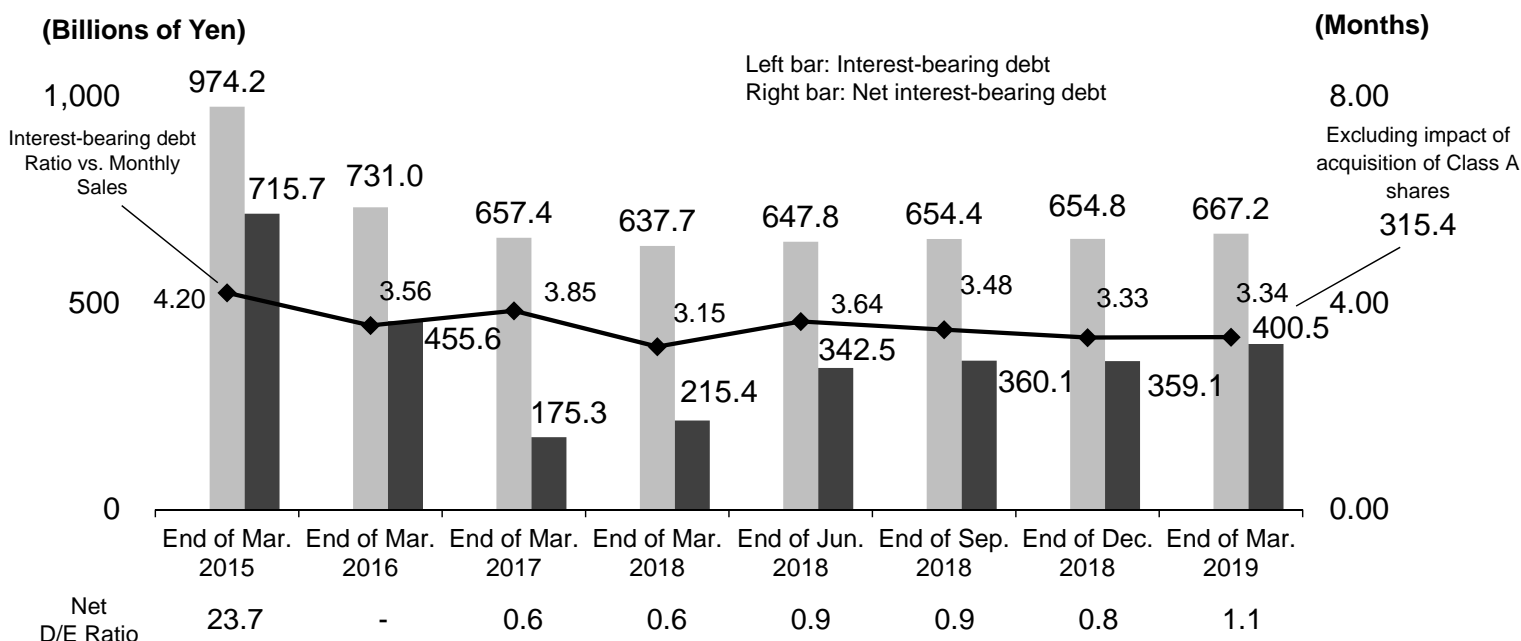


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11

# Interest-Bearing Debt Trends

- Interest-bearing debt was 667.2 billion yen, compared to a balance of 654.8 billion yen as of Dec. 31, 2018. Interest-bearing debt to monthly sales ratio was 3.34 months, nearly level with the balance as of Dec. 31, 2018.
- Net interest-bearing debt\* rose to 400.5 billion yen, compared to 359.1 billion yen as of Dec. 31, 2018. Net interest-bearing debt decreased when excluding the reduction in cash and deposits due to the purchase of a portion of Class A shares.



\*Net interest-bearing debt: interest-bearing debt – cash and deposits

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12



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## **II . Consolidated Financial Results Forecast for Fiscal 2019**

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## Consolidated Financial Results Forecast for Fiscal 2019 (1)

- While the business environment continues to be a challenge for the time being, we plan to create feature-rich products and services through cutting-edge 8K+5G Ecosystem and AIoT technologies to strengthen our global brand and deliver higher net sales and profits compared to FY2018
- We plan to strengthen our earnings capacity and grow our business through more cost-reduction initiatives and greater space to expand our business
- We expect our product segments to continue to grow at a satisfactory pace. Our devices business should also exhibit growth as we improve our capabilities through collaborations within the industry
- We will continue to improve equity qualitatively

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14

## Consolidated Financial Results Forecast for Fiscal 2019 (2)

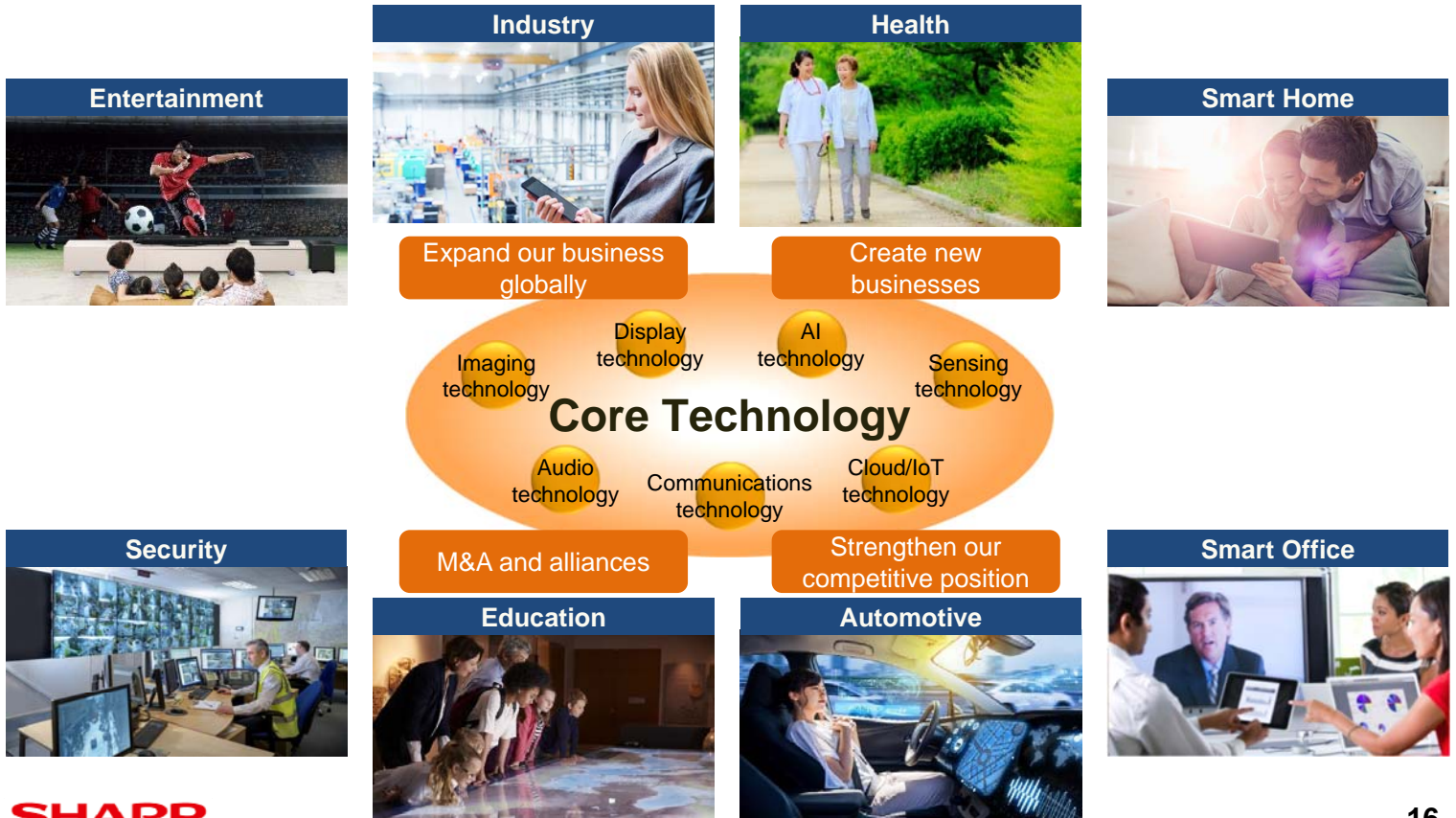
	(Billions of Yen)						
	FY2018			FY2019			
	First Half	Second Half	Fiscal Year	First-Half Forecast	Second-Half Forecast	Fiscal Year Forecast	Y on Y
<b>Net Sales</b>	<b>1,129.0</b>	<b>1,271.0</b>	<b>2,400.0</b>	<b>1,200.0</b>	<b>1,450.0</b>	<b>2,650.0</b>	+10.4%
<b>Operating Profit</b>	<b>47.0</b>	<b>37.1</b>	<b>84.1</b>	<b>44.0</b>	<b>56.0</b>	<b>100.0</b>	+18.8%
(margin)	(4.2%)	(2.9%)	(3.5%)	(3.7%)	(3.9%)	(3.8%)	
<b>Ordinary Profit</b>	<b>43.2</b>	<b>25.7</b>	<b>69.0</b>	<b>42.0</b>	<b>53.0</b>	<b>95.0</b>	+37.7%
(margin)	(3.8%)	(2.0%)	(2.9%)	(3.5%)	(3.7%)	(3.6%)	
<b>Profit Attributable to Owners of Parent</b>	<b>40.9</b>	<b>33.2</b>	<b>74.2</b>	<b>37.0</b>	<b>43.0</b>	<b>80.0</b>	+7.8%
(margin)	(3.6%)	(2.6%)	(3.1%)	(3.1%)	(3.0%)	(3.0%)	
Avg. Exchange Rate							
USD/JPY	<b>109.27</b>	<b>110.55</b>	<b>109.91</b>			<b>105.00</b>	
Euro/JPY	<b>128.34</b>	<b>125.47</b>	<b>126.90</b>			<b>125.00</b>	

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15

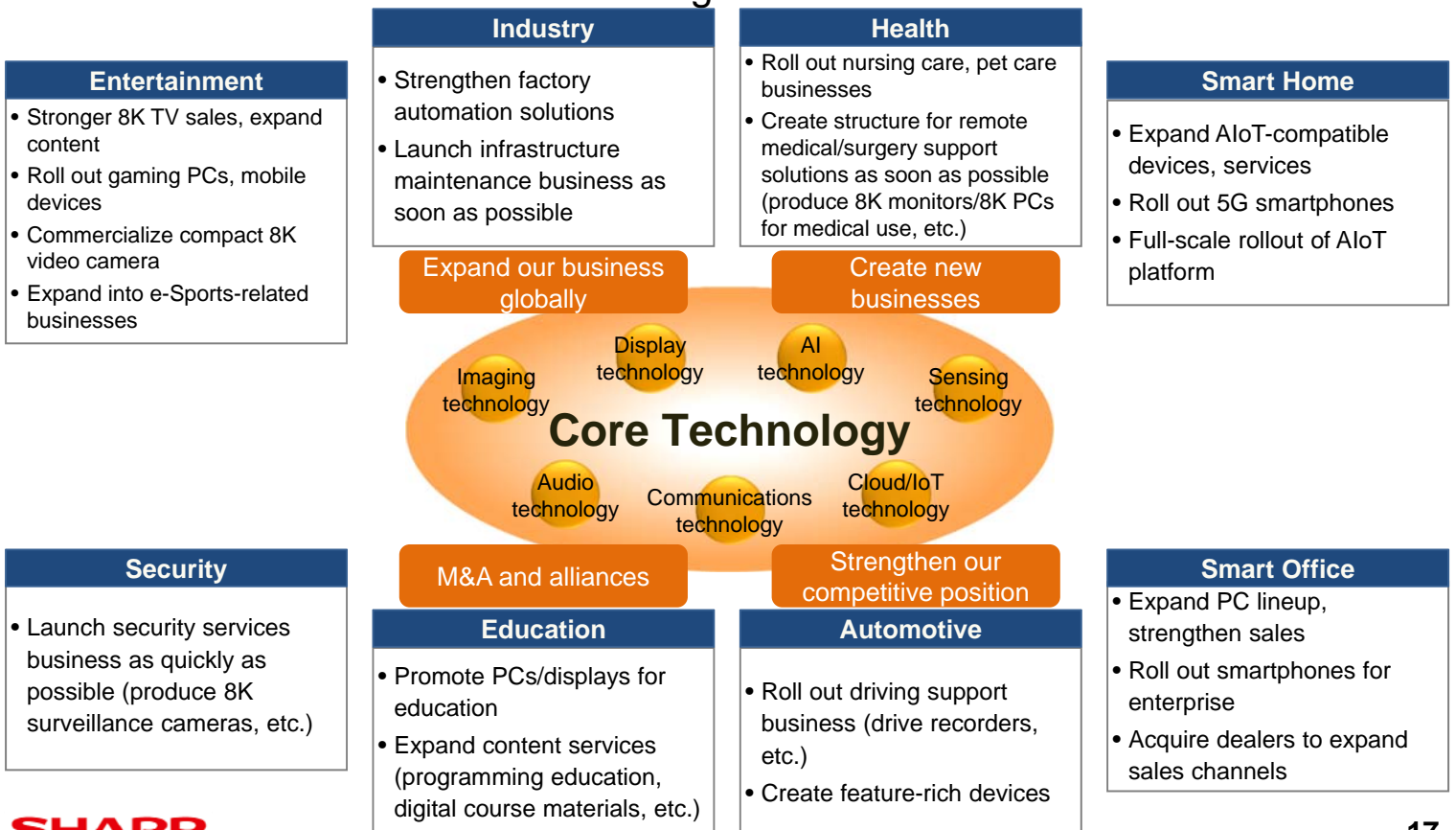
# The Future Direction of Sharp

Create new businesses based on proprietary, advanced technologies, delivering innovations across a wide range of business sectors



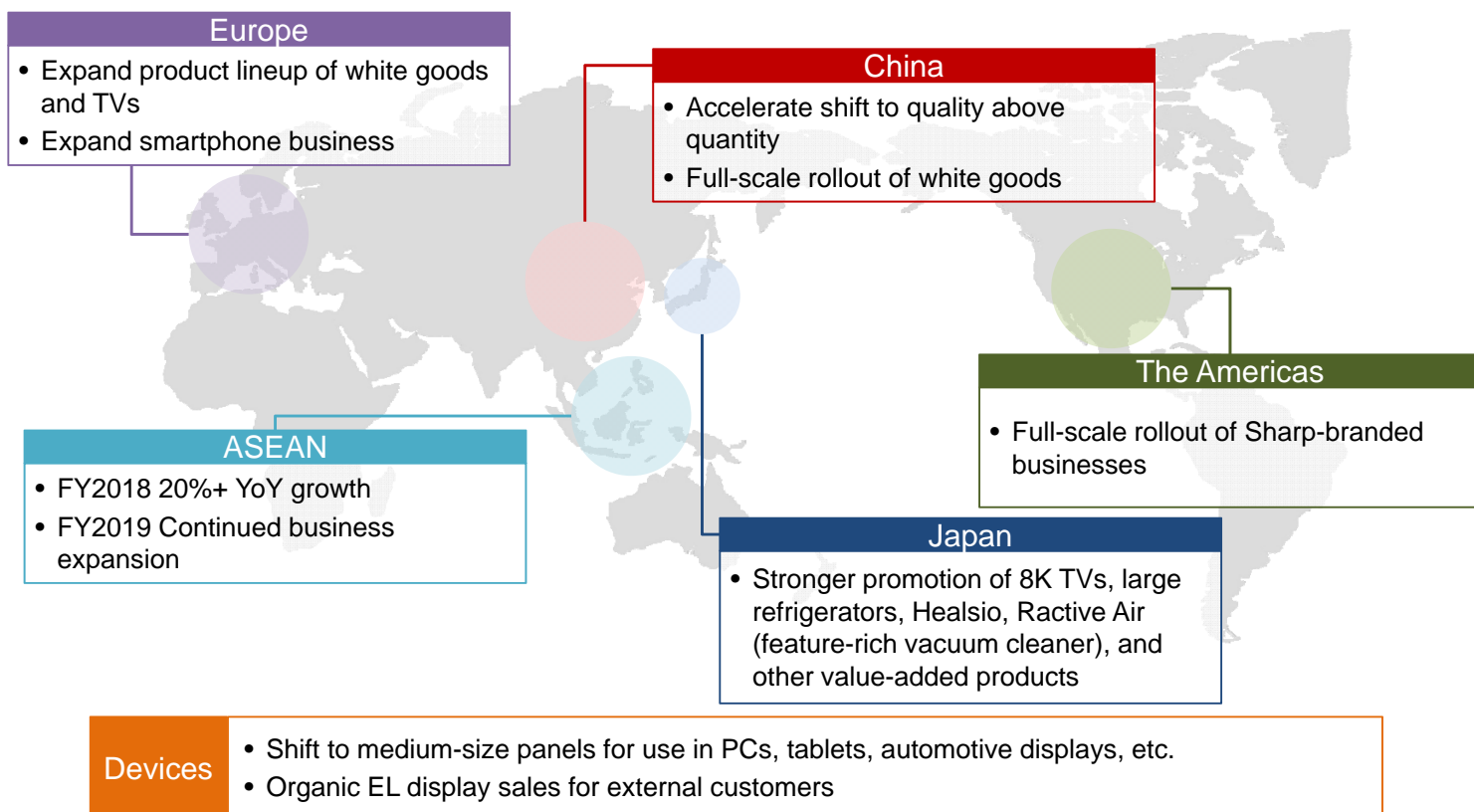
## FY2019 Major Initiatives (1)

Create numerous feature-rich products and services across a wide range of business sectors



# FY2019 Major Initiatives (2)

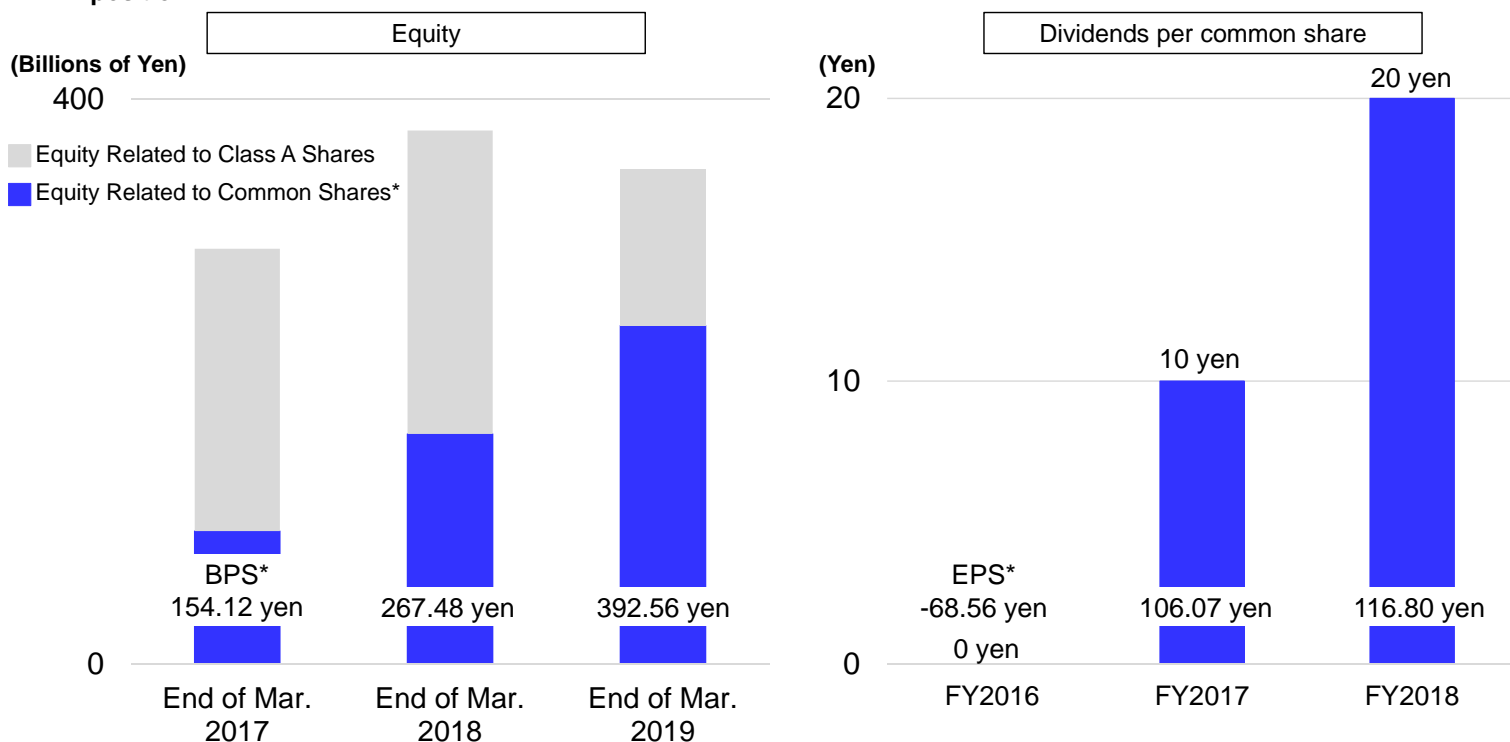
## Accelerate positioning of **Sharp** as a global brand



### Ⅲ. Capital Policy, Returning Profits to Shareholders

## Capital Policy, Returning Profits to Shareholders

- Continued profits have resulted in a steady increase in equity related to common shares\*.
- We purchased and cancelled a portion of Class A shares, which entail dilution risk, preferred dividends, and other considerations. This step has improved equity qualitatively.
- We are considering using cash on hand to purchase the remaining portion (under equivalent terms) at the end of June
- We have approved dividends at a higher level than prior fiscal year in consideration of our business and financial position



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## **IV. Supplementary Data**

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# Consolidated Financial Results

(Billions of Yen)

	FY2017			FY2018		
	First Half	Second Half	Fiscal Year	First Half	Second Half	Fiscal Year
<b>Net Sales</b>	<b>1,115.1</b>	<b>1,312.1</b>	<b>2,427.2</b>	<b>1,129.0</b>	<b>1,271.0</b>	<b>2,400.0</b>
<b>Operating Profit</b>	<b>40.5</b>	<b>49.5</b>	<b>90.1</b>	<b>47.0</b>	<b>37.1</b>	<b>84.1</b>
(margin)	(3.6%)	(3.8%)	(3.7%)	(4.2%)	(2.9%)	(3.5%)
<b>Ordinary Profit</b>	<b>41.1</b>	<b>48.1</b>	<b>89.3</b>	<b>43.2</b>	<b>25.7</b>	<b>69.0</b>
(margin)	(3.7%)	(3.7%)	(3.7%)	(3.8%)	(2.0%)	(2.9%)
<b>Profit Attributable to Owners of Parent</b>	<b>34.7</b>	<b>35.4</b>	<b>70.2</b>	<b>40.9</b>	<b>33.2</b>	<b>74.2</b>
(margin)	(3.1%)	(2.7%)	(2.9%)	(3.6%)	(2.6%)	(3.1%)

# Consolidated Quarterly Financial Results

(Billions of Yen)

	FY2017				FY2018			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
<b>Net Sales</b>	<b>506.4</b>	<b>608.7</b>	<b>714.2</b>	<b>597.8</b>	<b>533.8</b>	<b>595.1</b>	<b>642.5</b>	<b>628.5</b>
<b>Operating Profit</b>	<b>17.1</b>	<b>23.4</b>	<b>29.7</b>	<b>19.7</b>	<b>24.8</b>	<b>22.2</b>	<b>21.2</b>	<b>15.8</b>
(margin)	(3.4%)	(3.9%)	(4.2%)	(3.3%)	(4.6%)	(3.7%)	(3.3%)	(2.5%)
<b>Ordinary Profit</b>	<b>17.1</b>	<b>23.9</b>	<b>29.9</b>	<b>18.2</b>	<b>21.2</b>	<b>21.9</b>	<b>18.8</b>	<b>6.9</b>
(margin)	(3.4%)	(3.9%)	(4.2%)	(3.0%)	(4.0%)	(3.7%)	(2.9%)	(1.1%)
<b>Profit Attributable to Owners of Parent</b>	<b>14.4</b>	<b>20.2</b>	<b>20.6</b>	<b>14.8</b>	<b>19.2</b>	<b>21.7</b>	<b>22.1</b>	<b>11.1</b>
(margin)	(2.9%)	(3.3%)	(2.9%)	(2.5%)	(3.6%)	(3.7%)	(3.4%)	(1.8%)

# Sales by Segment

(Billions of Yen)

	FY2017			FY2018		
	First Half	Second Half	Fiscal Year	First Half	Second Half	Fiscal Year
Smart Homes	290.6	317.3	607.9	300.6	396.3	696.9
Smart Business Solutions	154.4	163.6	318.0	158.4	161.9	320.4
IoT Electronics Devices	200.4	304.0	504.5	250.8	248.2	499.0
Advance Display Systems	521.6	564.9	1,086.5	458.2	501.4	959.6
Subtotal	1,167.2	1,349.9	2,517.2	1,168.1	1,307.9	2,476.1
Adjustments	-52.0	-37.8	-89.9	-39.1	-36.8	-76.0
Total	1,115.1	1,312.1	2,427.2	1,129.0	1,271.0	2,400.0

\*Sales include inter-segment sales and transfers.

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24

# Operating Profit by Segment

(Billions of Yen)

	FY2017			FY2018		
	First Half	Second Half	Fiscal Year	First Half	Second Half	Fiscal Year
Smart Homes	20.4 (7.0%)	23.2 (7.3%)	43.7 (7.2%)	23.3 (7.8%)	24.7 (6.2%)	48.0 (6.9%)
Smart Business Solutions	9.7 (6.3%)	12.2 (7.5%)	21.9 (6.9%)	9.0 (5.7%)	12.6 (7.8%)	21.6 (6.8%)
IoT Electronics Devices	2.7 (1.4%)	0.5 (0.2%)	3.3 (0.7%)	0.2 (0.1%)	2.6 (1.1%)	2.8 (0.6%)
Advance Display Systems	16.3 (3.1%)	20.6 (3.7%)	37.0 (3.4%)	19.0 (4.1%)	8.0 (1.6%)	27.0 (2.8%)
Subtotal	49.3 (4.2%)	56.7 (4.2%)	106.0 (4.2%)	51.6 (4.4%)	48.0 (3.7%)	99.6 (4.0%)
Adjustments	-8.7	-7.1	-15.9	-4.6	-10.9	-15.5
Total	40.5 (3.6%)	49.5 (3.8%)	90.1 (3.7%)	47.0 (4.2%)	37.1 (2.9%)	84.1 (3.5%)

\*Figures within parentheses indicate operating margin.

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25



# Quarterly Sales by Segment

(Billions of Yen)

	FY2017				FY2018			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Smart Homes	130.2	160.4	148.9	168.3	150.5	150.0	178.6	217.7
Smart Business Solutions	70.3	84.0	77.3	86.2	76.5	81.9	79.2	82.6
IoT Electronics Devices	85.0	115.4	192.2	111.8	113.3	137.4	137.7	110.5
Advance Display Systems	249.6	271.9	314.6	250.2	211.1	247.1	267.2	234.1
Subtotal	535.3	631.9	733.2	616.7	551.5	616.6	662.8	645.0
Adjustments	-28.8	-23.1	-18.9	-18.9	-17.6	-21.4	-20.3	-16.5
Total	506.4	608.7	714.2	597.8	533.8	595.1	642.5	628.5

\*Sales include inter-segment sales and transfers.

# Quarterly Operating Profit by Segment

(Billions of Yen)

	FY2017				FY2018			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Smart Homes	9.9 (7.6%)	10.5 (6.6%)	10.6 (7.2%)	12.5 (7.5%)	11.8 (7.9%)	11.4 (7.6%)	10.8 (6.1%)	13.8 (6.3%)
Smart Business Solutions	3.8 (5.4%)	5.9 (7.0%)	4.1 (5.3%)	8.1 (9.4%)	3.9 (5.2%)	5.0 (6.1%)	5.9 (7.5%)	6.7 (8.1%)
IoT Electronics Devices	0.9 (1.1%)	1.8 (1.6%)	4.6 (2.4%)	-4.0 (-3.7%)	0.6 (0.6%)	-0.3 (-0.3%)	2.5 (1.8%)	0.0 (0.1%)
Advance Display Systems	6.7 (2.7%)	9.6 (3.5%)	13.1 (4.2%)	7.4 (3.0%)	10.5 (5.0%)	8.4 (3.4%)	7.8 (2.9%)	0.1 (0.1%)
Subtotal	21.4 (4.0%)	27.8 (4.4%)	32.6 (4.4%)	24.0 (3.9%)	27.0 (4.9%)	24.5 (4.0%)	27.2 (4.1%)	20.8 (3.2%)
Adjustments	-4.3	-4.4	-2.8	-4.3	-2.2	-2.3	-5.9	-4.9
Total	17.1 (3.4%)	23.4 (3.9%)	29.7 (4.2%)	19.7 (3.3%)	24.8 (4.6%)	22.2 (3.7%)	21.2 (3.3%)	15.8 (2.5%)

\*Figures within parentheses indicate operating margin.

# Capital Investment / Depreciation and Amortization

(Billions of Yen)

	FY2017			FY2018			FY2019
	First Half	Second Half	Fiscal Year	First Half	Second Half	Fiscal Year	Fiscal Year Forecast
<b>Capital Investment</b>	<b>73.2</b>	<b>46.1</b>	<b>119.3</b>	<b>27.8</b>	<b>28.1</b>	<b>55.9</b>	<b>76.0</b>
Displays	16.7	18.7	35.5	9.2	14.5	23.8	35.7
<b>Depreciation and Amortization</b>	<b>28.8</b>	<b>39.6</b>	<b>68.4</b>	<b>34.5</b>	<b>37.3</b>	<b>71.9</b>	<b>80.0</b>
<b>R&amp;D Expenditures</b>	<b>50.2</b>	<b>50.2</b>	<b>100.5</b>	<b>53.8</b>	<b>54.7</b>	<b>108.5</b>	<b>110.0</b>
							(Yen)
Avg. Exchange Rate	FY2017			FY2018			FY2019
	First Half	Second Half	Fiscal Year	First Half	Second Half	Fiscal Year	Fiscal Year Forecast
<b>US Dollar</b>	<b>110.07</b>	<b>109.64</b>	<b>109.86</b>	<b>109.27</b>	<b>110.55</b>	<b>109.91</b>	<b>105.00</b>
<b>Euro</b>	<b>124.79</b>	<b>131.62</b>	<b>128.20</b>	<b>128.34</b>	<b>125.47</b>	<b>126.90</b>	<b>125.00</b>

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28

# Quarterly Capital Investment and Depreciation, etc.

(Billions of Yen)

	FY2017				FY2018			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
<b>Capital Investment</b>	<b>18.8</b>	<b>54.4</b>	<b>33.7</b>	<b>12.3</b>	<b>11.3</b>	<b>16.4</b>	<b>14.7</b>	<b>13.4</b>
Displays	3.2	13.5	11.0	7.7	4.4	4.7	8.3	6.2
<b>Depreciation and Amortization</b>	<b>14.1</b>	<b>14.6</b>	<b>19.4</b>	<b>20.1</b>	<b>17.1</b>	<b>17.3</b>	<b>18.9</b>	<b>18.4</b>
<b>R&amp;D Expenditures</b>	<b>28.7</b>	<b>21.5</b>	<b>30.8</b>	<b>19.3</b>	<b>30.4</b>	<b>23.3</b>	<b>32.0</b>	<b>22.6</b>
								(Yen)
Avg. Exchange Rate	FY2017				FY2018			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
<b>US Dollar</b>	<b>110.10</b>	<b>110.04</b>	<b>111.98</b>	<b>107.30</b>	<b>108.07</b>	<b>110.46</b>	<b>111.90</b>	<b>109.21</b>
<b>Euro</b>	<b>120.69</b>	<b>128.88</b>	<b>131.51</b>	<b>131.73</b>	<b>128.56</b>	<b>128.12</b>	<b>127.28</b>	<b>123.66</b>

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29

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