

**DENSO CORPORATION** 

#### Overview of FY2023 3rd Quarter Financial Results

- Revenue in the third quarter increased compared to the previous year due to sales recovery, sales expansion and foreign exchange gains.
  Operating profit increased compared to the previous year due to sales recovery, exchange gains and profit improvements.
- 2. We have revised our revenue and operating profit forecasts for the year based on changing foreign exchange preconditions and current vehicle production losses, adjusting our revenue projection to 6,200.0 billion yen and our operating profit projection to 420.0 billion yen.



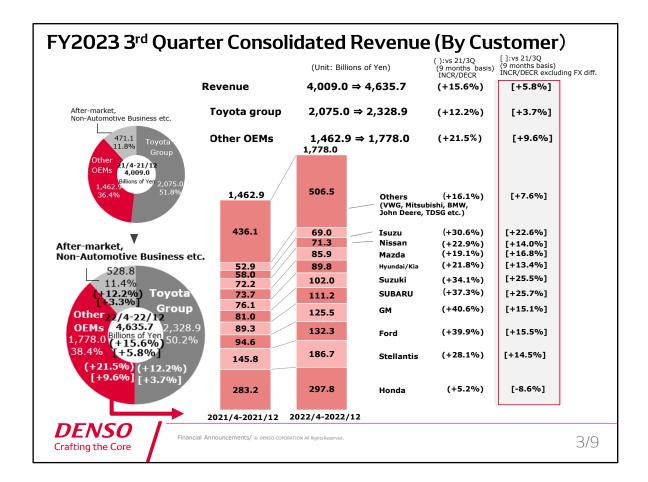
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|              |  | (Ratio to | Revenue)     |        | [         | Unit: Billions of Yen, %] |             |  |
|--------------|--|-----------|--------------|--------|-----------|---------------------------|-------------|--|
|              |  | 2021/     | 4-2021/12    | 2022/4 | 4-2022/12 | Cha                       | nge         |  |
| R            | evenue   |           | 4,009.0      |        | 4,635.7   | +626.6                    | +15.6%      |  |
| o            | perating Profit  | (6.4%)    | 256.3        | (5.8%) | 267.9     | +11.7                     | +4.6%       |  |
|              | ofit before Income                                       | (7.4%)    | 296.5        | (6.4%) | 298.2     | +1.6                      | +0.5%       |  |
| Pı           | rofit (*)  | (4.8%)    | 193.4        | (4.3%) | 197.8     | +4.4                      | +2.3%       |  |
|              | * Profit attributable to owners                          | of the pa | rent company |        |           | [Unit:Millio              | ns of Units |  |
|              | Foreign Exchange Rate                                    | JPY       | 111.1/USD    | JPY    | 136.5/USD | +25.4 JPY                 |             |  |
| Pre          |  | JPY       | 130.6/EUR    | JPY    | 140.6/EUR | +10.0 JPY                 |             |  |
| Precondition |  | JPY       | 17.2/CNY     | JPY    | 19.9/CNY  | +2.7 JPY                  |             |  |
| tion         | Domestic Vehicle Production                              |           | 5.43         |        | 5.72      | +0.29                     | +5.3%       |  |
|              | Overseas Vehicle Production of<br>Japanese Manufacturers |           | 12.74        |        | 12.83     | +0.09                     | +0.7%       |  |

#### [Overview of the Consolidated Financial Results]

- 1. Consolidated revenue totaled 4,635.7 billion yen, increased by 626.6 billion yen (+15.6%) from the previous year.
- 2. Consolidated operating profit totaled 267.9 billion yen, increased by 11.7 billion yen (+4.6%) from the previous year.
- 3. Consolidated profit attributable to owners of the parent company totaled 197.8 billion yen, increased by 4.4 billion yen (+2.3%) from the previous year.



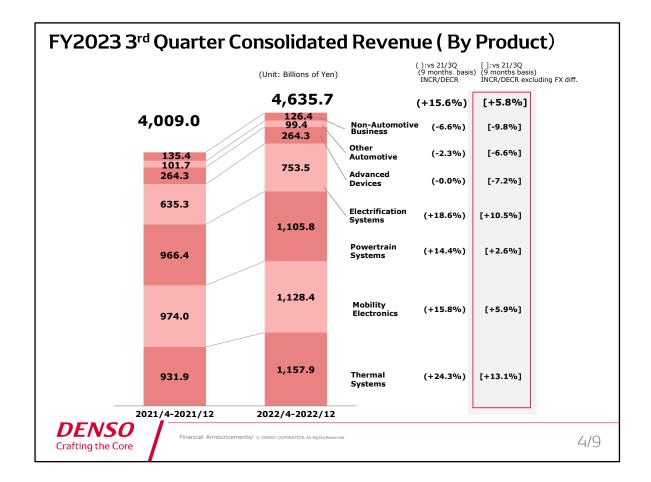
#### [Revenue by Customer(Quantity Base)]

#### Toyota Group

The revenue from the Toyota Group was significantly influenced by the vehicle production losses in Japan. However, it increased by 3.7% compared to the previous year due to the increase in revenue from electrification products in China as well as from ADAS products, including stereo cameras.

#### Non-Toyota Group

Increased by 9.6% compared to the previous year as vehicle production started to recover.



#### <Revenue by Product (Quantity base)>

In addition to the conventional sales expansion effect, due to measures to encourage the spread of low-emission vehicles in Europe and China, electrification business expanded.

#### Electrification system

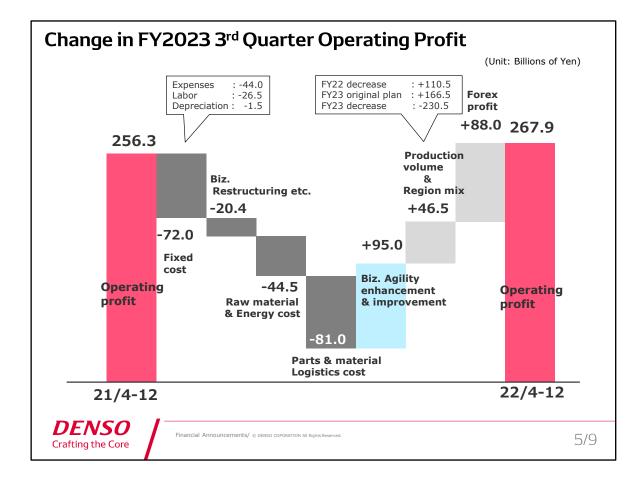
· Revenue of inverters in North America, Japan and China, and battery packs increased in Asia, etc.

#### Thermal system

• Revenue expansion of electric compressors continued in Europe and elsewhere.

### **Mobility Electronics**

· Revenue of ADAS products and display improved.



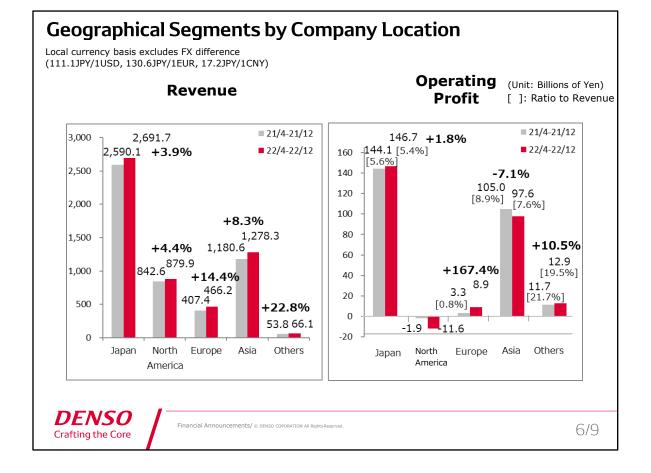
# [Factor that Contributed to increases or Decreases in Operating Profit]

#### **Positive Factors**

- · Business Agility enhancement & improvement 95.0 billion yen.
- · Production volume & region mix 46.5 billion yen.
- · Forex profit 88.0 billion yen.

#### Negative Factors

- · Fixed cost -72.0 billion yen
- · Business restructuring etc. -20.4 billion yen
- Raw material and energy cost -44.5 billion yen
- · Parts and material, logistics cost -81.0 billion yen



#### [Revenue and Operating Profit by Each Region\*]

\*Excluding the effect of foreign exchange

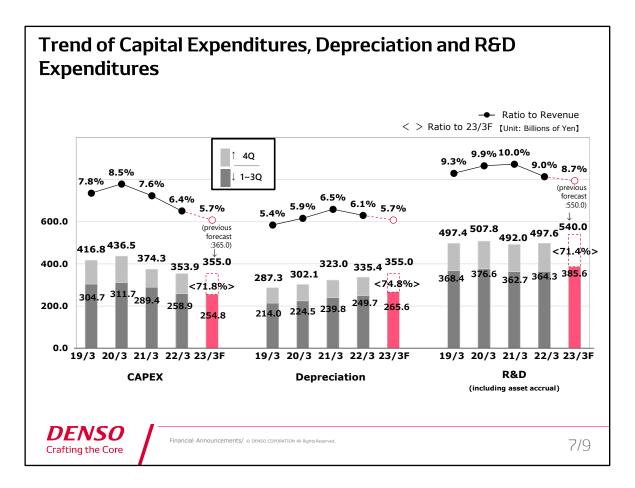
#### Revenue

The revenue increased in all regions compared to the previous year due to the recovery in vehicle production and sales expansion

#### **Operating Profit**

Global efforts were made to improve profitability despite the deterioration in the external environment.

Increased in respective regions compared to the previous year, except for North America, which has been hit hard by surging logistics costs and parts and materials costs, and Asia, which has been affected by the surge of Covid-19 cases in China and business restructuring costs.



### [Capital Expenditures, Depreciation and R&D Expenditures]

#### **Capital Expenditure**

Actual results: 254.8 billion yen. Annual forecast 355.0 billion yen.

(- 10.0 billion yen from the previous announcement)

Capital expenditures promoted electrification by strengthening the production system in China and Europe, following Japan and North America, in addition to enhancing the competitiveness of power semiconductors. Given the current risk of vehicle production losses, we will scrutinize projects and apply greater financial discipline in business operations.

#### **R&D** expenditures

Actual results: 385.6 billion yen.

Annual forecast 540.0 billion yen (-10.0 billion yen from the previous announcement).

R&D expenditures have increased development efficiency thanks to a fundamental review of business practices in response to the surging development needs mainly in the CASE domain. We will continue to ensure efficiency.

#### FY2023 Financial Forecast P/L (IFRS) (Ratio to Revenue) [Unit: Billions of Yen, %] Forecast as of Change from Change from Mar. 2022 2023/3 Forecast 2022/3 Actual Sep. 2022 previous forecast 6,200.0 Revenue 6,310.0 -110.0 -1.7% 5,515.5 +684.5 +12.4% **Operating Profit** 480.0 (6.8%) 420.0 -60.0 -12.5% 341.2 +78.8 +23.1% 523.0 (7.3%) 455.0 384.8 Profit before Income Taxes (8.3%) -68.0 -13.0% (7.0%) +70.2 +18.2% 378.0 (5.2%) 322.0 -56.0 -14.8% +58.1 +22.0% Profit (\*1) 263.9 \*1 Profit attributable to owners of the parent company [Unit:Millions of Units] 134.5/USD JPY Foreign Exchange Rate JPY 133.6/USD 112.4/USD +21.2 JPY -0.9 JPY 136.9/EUR JPY 139.2/EUR +2.3 JPY JPY 130.6/EUR +8.6 JPY Precondition 19.9/CNY JPY 19.7/CNY -0.2 JPY 1PY 17.5/CNY +2.2 JPY 7.51 Domestic Vehicle Production 8.08 -0.57 -7.1% 7.33 +0.18 +2.5% 17.95 -0.54 -3.0% 17.21 +0.20 +1.1% of Japanese Manufacturers \*2 Foreign Exchange Rete of Forecast for the 4th quarter : JPY 125.0/USD, 135.0/EUR, 19.0/CNY

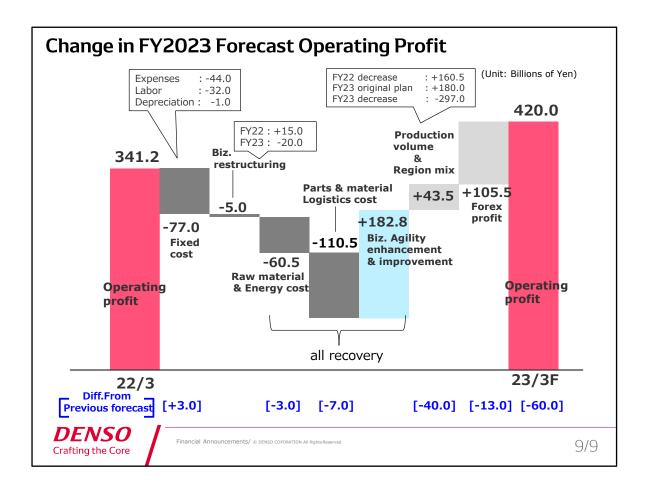


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#### [Full year Financial Forecast]

- . We have revised the full-year forecast downward due to the foreign exchange situation and the current risk of vehicle production losses.
- We expect revenue of 6,200.0 billion yen. (-110.0 billion yen from the previous announcement.)
- We expect revenue of 420.0 billion yen. (-60.0 billion yen from the previous announcement.)
- We used 133.6 yen to the U.S. dollar and 139.2 yen to the Euro, 19.7 yen to the CNY.



#### <variance from previous estimation>

#### Positive factors from the previous announcement

- · Business Agility enhancement & improvement 182.8 billion yen.
- · Production volume & region mix 43.5 billion yen.
- Forex exchange profit 105.5 billion yen.

#### Negative factors from the previous announcement

- · Fixed cost -77.0 billion yen.
- · Business restructuring -5.0 billion yen.
- · Raw material and energy cost -60.5 billion yen.
- · Parts & material , logistics cost -110.5 billion yen.

We will address the surging costs of raw materials, energy, parts and materials, and logistics by streamlining operations and enhancing our business agility.



# **Appendix**

- Pre-Conditions (Foreign Exchange Rate/Vehicle Production)
- · Consolidated Revenue by Customer
- · Consolidated Revenue by Product
- Geographical Segments by Company Location
- · Capital Expenditures, Depreciation and R&D Expenditures



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# Pre-Conditions (Foreign Exchange Rate/Vehicle Production)

|                                      |          |            |        |        |             |        |         |            |                       |        |            |                      |                       |                           |            | FY2023               |                       |        |
|--------------------------------------|----------|------------|--------|--------|-------------|--------|---------|------------|-----------------------|--------|------------|----------------------|-----------------------|---------------------------|------------|----------------------|-----------------------|--------|
|                                      |          | 22/4-22/9  |        |        | 22/10-23/3F |        |         |            |                       |        | 22/4-23/3F |                      |                       |                           |            |                      |                       |        |
|                                      |          |            |        |        | 3Q          |        | 4Q      |            |                       |        |            |                      |                       |                           |            |                      |                       |        |
|                                      |          | Prior Year | Actual | Change | Prior Year  | Actual | Change  | Prior Year | Revised<br>Estimation | Change | Prior Year | Forecast<br>as of 2Q | Revised<br>Estimation | Change<br>from prior year | Prior Year | Forecast<br>as of 2Q | Forecast<br>(Revised) | Change |
| Foreign Exchange                     | USD      | 109.8      | 134.0  | + 24.2 | 113.7       | 141.6  | + 27.9  | 116.2      | 125.0                 | 8.8    | 115.0      | 135.0                | 133.3                 | + 18.3                    | 112.4      | 134.5                | 133.6                 | +21.2  |
| Rate (Yen)                           | EUR      | 130.9      | 138.7  | + 7.8  | 130.1       | 144.4  | + 14.3  | 130.4      | 135.0                 | 4.6    | 130.2      | 135.0                | 139.7                 | + 9.5                     | 130.6      | 136.9                | 139.2                 | +8.6   |
|                                      | CNY      | 17.0       | 19.9   | + 2.9  | 17.8        | 19.9   | + 2.1   | 18.3       | 19.0                  | 0.7    | 18.0       | 20.0                 | 19.4                  | + 1.4                     | 17.5       | 19.9                 | 19.7                  | +2.2   |
| Forex Impact on<br>Operating Income  | USD      |            |        |        |             |        |         |            |                       |        |            |                      | 3.3                   | 3.3                       | 3.3        | -0.0                 |                       |        |
| per Yen<br>(Billions of Yen)         | EUR      |            |        |        |             |        |         |            |                       |        |            |                      |                       |                           | 1.1        | 0.9                  | 0.9                   | - 0.2  |
|                                      | CNY      |            |        |        |             |        |         |            |                       |        |            |                      |                       | 19.0                      | 22.6       | 22.6                 | +3.5                  |        |
| Vehicle Production of Japanese       | Domestic | 3.53       | 3.58   | + 1.6% | 1.90        | 2.13   | + 12.0% | 1.90       | 1.79                  | - 5.4% | 3.80       | 4.50                 | 3.93                  | + 3.3%                    | 7.33       | 8.08                 | 7.51                  | + 2.5% |
| Manufacturers<br>(Millions of Units) | Overseas | 8.36       | 8.43   | + 0.7% | 4.38        | 4.40   | + 0.6%  | 4.47       | 4.58                  | + 2.4% | 8.85       | 9.52                 | 8.98                  | + 1.5%                    | 17.21      | 17.95                | 17.41                 | + 1.1% |



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# **Consolidated Revenue (By Customer)**

(Unit: Billions of Yen)

|                               | 21/4-2  | 21/12      | 22/4-2  | 22/12      | Char   | ige   | Change<br>excludes<br>FX<br>difference,<br>etc. |
|-------------------------------|---------|------------|---------|------------|--------|-------|---|
|                               | Amount  | % to Total | Amount  | % to Total | Amount | %     | %   |
| Toyota                        | 1,935.1 | 48.3       | 2,161.2 | 46.6       | +226.1 | +11.7 | +2.9  |
| Daihatsu                      | 98.0    | 2.4        | 128.1   | 2.8        | +30.0  | +30.6 | +23.7   |
| Hino                          | 41.9    | 1.0        | 39.6    | 0.9        | -2.3   | -5.4  | -7.1  |
| Toyota Group                  | 2,075.0 | 51.8       | 2,328.9 | 50.2       | +253.9 |       | +3.7  |
| Honda                         | 283.2   | 7.2        | 297.8   | 6.4        | +14.6  | +5.2  | -8.6  |
| Stellantis                    | 145.8   | 3.6        | 186.7   | 4.0        | +41.0  | +28.1 | +14.5   |
| (FCA)                         | 116.6   | 2.9        | 152.5   | 3.3        | +35.9  | +30.8 | +15.8   |
| (PSA)                         | 29.2    | 0.7        | 34.2    | 0.7        | +5.0   | +17.3 | +9.4  |
| Ford                          | 94.6    | 2.4        | 132.3   | 2.9        | +37.8  | +39.9 | +15.5   |
| GM                            | 89.3    | 2.2        | 125.5   | 2.7        | +36.2  | +40.6 | +15.1   |
| SUBARU                        | 81.0    | 2.0        | 111.2   | 2.4        | +30.2  | +37.3 | +25.7   |
| Suzuki                        | 76.1    | 1.9        | 102.0   | 2.2        | +26.0  | +34.1 | +25.5   |
| Hyundai/Kia                   | 73.7    | 1.8        | 89.8    | 1.9        | +16.1  | +21.8 | +13.4   |
| Mazuda                        | 72.2    | 1.8        | 85.9    | 1.9        | +13.8  | +19.1 | +16.8   |
| Nissan                        | 58.0    | 1.4        | 71.3    | 1.5        | +13.3  | +22.9 | +14.0   |
| ISUZU                         | 52.9    | 1.3        | 69.0    | 1.5        | +16.2  | +30.6 | +22.6   |
| VW•AUDI                       | 37.8    | 0.9        | 48.4    | 1.0        | +10.6  | +27.9 | +15.5   |
| Mitsubishi                    | 34.9    | 0.9        | 41.1    | 0.9        | +6.1   | +17.5 | +7.8  |
| BMW                           | 36.3    | 0.9        | 33.8    | 0.7        | -2.6   | -7.1  | -14.8   |
| Benz                          | 18.1    | 0.5        | 26.0    | 0.6        | +7.9   | +43.8 | +33.3   |
| Volvo                         | 20.7    | 0.5        | 22.4    | 0.5        | +1.8   | +8.6  | -1.1  |
| OE Sales for others           | 288.5   | 7.2        | 334.8   | 7.2        | +46.2  | +16.0 | +8.4  |
| OEM Total                     | 3,538.0 | 88.2       | 4,106.9 | 88.6       | +568.9 | +16.1 | +6.1  |
| Non-Automotive<br>Business(*) | 471.1   | 11.8       | 528.8   | 11.4       | +57.7  | +12.2 | +3.3  |
| Total                         | 4,009.0 | 100.0      | 4,635.7 | 100.0      | +626.6 | +15.6 | +5.8  |

<sup>\*</sup> Including revenue of industrial systems and consumer products, revenue for After Market, and revenue of property/equipment etc.



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# **Consolidated Revenue (By Product)**

(Unit: Billions of Yen)

|                                  | 21/4-2  |            | 22/4-2  |            | Char   | Change<br>excludes<br>FX<br>difference |       |
|----------------------------------|---------|------------|---------|------------|--------|--|-------|
|                                  | Amount  | % to Total | Amount  | % to Total | Amount | %                                      | %     |
| Thermal Systems                  | 931.9   | 23.2       | 1,157.9 | 25.0       | +226.0 | +24.3                                  | +13.1 |
| Mobility Electronics             | 974.0   | 24.3       | 1,128.4 | 24.3       | +154.4 | +15.8                                  | +5.9  |
| Powertrain Systems               | 966.4   | 24.1       | 1,105.8 | 23.9       | +139.4 | +14.4                                  | +2.6  |
| Electrification Systems          | 635.3   | 15.8       | 753.5   | 16.3       | +118.2 | +18.6                                  | +10.5 |
| Advanced Devices                 | 264.3   | 6.6        | 264.3   | 5.7        | -0.0   | - 0.0                                  | -7.2  |
| Others(*)                        | 101.7   | 2.5        | 99.4    | 2.1        | -2.3   | - 2.3                                  | -6.6  |
| Automotive Total                 | 3,873.6 | 96.6       | 4,509.3 | 97.3       | +635.6 | +16.4                                  | +6.3  |
| Non-Automotive<br>Business Total | 135.4   | 3.4        | 126.4   | 2.7        | -8.9   | - 6.6                                  | -9.8  |
| Total                            | 4,009.0 | 100.0      | 4,635.7 | 100.0      | +626.6 | +15.6                                  | +5.8  |

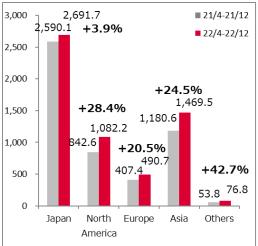
<sup>\*</sup> Including revenue of equipment and repair parts etc.



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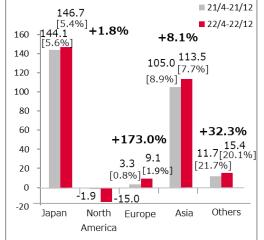
# **Geographical Segments by Company Location**

#### Revenue



#### Operating Profit

JPY basis (Unit: Billions of Yen) [ ]: Ratio to Revenue





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# Capital Expenditures, Depreciation and R&D Expenditures

(including asset accrual)

(Unit: Billions of Yen)

|                                       | 21/12           | 22/3            | 22/12           | 23/3F           | Change | Progress<br>to 23/3<br>Forecast |
|---------------------------------------|-----------------|-----------------|-----------------|-----------------|--------|---------------------------------|
| Japan                                 | 163.2           | 219.2           | 148.0           | 231.0           | - 9.3% | 64.1%                           |
| North America                         | 30.3            | 40.6            | 37.3            | 40.0            | +23.1% | 93.3%                           |
| Europe                                | 13.1            | 19.3            | 16.2            | 21.0            | +23.7% | 77.1%                           |
| Asia                                  | 50.2            | 71.6            | 50.0            | 79.0            | - 0.4% | 63.3%                           |
| Others                                | 2.1             | 3.2             | 3.3             | 4.0             | +57.1% | 82.5%                           |
| Suppression **                        | -               | -               | -               | -20.0           | -      | -                               |
| Capital Expenditure                   | 258.9           | 353.9           | 254.8           | 355.0           | - 1.6% | 71.8%                           |
| Japan                                 | 157.3           | 211.6           | 159.3           | 219.0           | +1.3%  | 72.7%                           |
| North America                         | 30.5            | 40.8            | 36.7            | 43.0            | +20.3% | 85.3%                           |
| Europe                                | 19.1            | 25.2            | 18.2            | 26.0            | - 4.7% | 70.0%                           |
| Asia                                  | 41.6            | 56.2            | 49.6            | 64.0            | +19.2% | 77.5%                           |
| Others                                | 1.2             | 1.6             | 1.8             | 3.0             | +50.0% | 60.0%                           |
| Depreciation                          | 249.7           | 335.4           | 265.6           | 355.0           | +6.4%  | 74.8%                           |
| R&D Expenditure<br>(Ratio to Revenue) | 364.3<br>(9.1%) | 497.6<br>(9.0%) | 385.6<br>(8.3%) | 540.0<br>(8.7%) | +5.8%  | 71.4%                           |



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