METI Ministry of Economy, Trade and Industry

# Trends in Overseas Subsidiaries

## (Quarterly Survey of Overseas Subsidiaries)

### Survey from July to September 2009

### (Surveyed in November 2009)

December 24, 2009

Enterprise Statistics Office
Research and Statistics Department
Ministry of Economy, Trade and Industry

# Contents

**I. Quarterly Survey of Overseas Subsidiaries**

# 1. Outline of the survey

(1) Purpose of the survey

The purpose of this survey is to identify overseas economic trends in advance by surveying the results and prospects for the overseas business activities of Japanese companies, as well as to understand trends in overseas activities and the degree of globalization of Japanese enterprises. A further purpose is to contribute to the development of flexible industrial and trade policies.

(2) Legal basis of the survey

These are officially authorized statistics compiled in accordance with Article 4 of the Statistical Reports Coordination Law.

(3) Date of the survey

The survey was based on the period ending on the last day of September 2009. (The deadline for submitting survey responses for this quarter was November 16, 2009.)

(4) Survey targets

The survey covers Japanese companies that met all the following criteria as of the end of March 2008: ① All industries except finance, insurance, and real estate ② Companies with 100 million yen or more in capital ③ Companies with 50 or more employees ④ Companies with overseas subsidiaries

This survey also targets overseas subsidiaries of the above Japanese parent companies (including overseas subsidiaries that were established during the term of the survey) that meet all of the following criteria as of the end of the surveyed quarter:

① Manufacturing companies

② Companies with 50 or more employees

③ Companies with 50% or more of their capital coming from parent companies, including both direct and indirect funds (such as funds provided via local subsidiaries).

(5) Survey method

The survey was conducted via mail, using self-declarations submitted by parent companies.

(6) Survey content

The survey covers actual figures and DI (business confidence) in the three areas of: sales, the acquisition price of tangible fixed assets, and the number of employees. Starting with the April – June 2004 survey, the DI survey period was changed to three months (please see Page 29-31 for details).

(7) Response rate

The responses to the survey for this quarter are summarized below:

| Number of companies covered by the survey (overseas subsidiaries) | Number of companies that responded | Response rate |
|---|---|---|
| **4,588** | **3,690** | **80.4%** |

## 2. Usage notes

(1) Regarding listed currencies

Amounts listed in local currencies are analyzed by converting them into US dollars at the average exchange rate for the quarter announced by the IMF. (For exchange rates of major currencies relative to the US dollar, please see Page 28.)

(2) Adjustments to deal with gaps in reported values

Previously omitted parts were added, starting with the April – June quarter every year, resulting in a gap between results for current quarters and those for previous quarters. Therefore, comparisons between the current quarter and the corresponding quarter of the previous year are calculated and estimated by totaling the figures only for overseas subsidiaries (newly established companies included) continuously subject to the survey since the corresponding quarter of the previous year. As a result, the figures calculated with the new method are different to the figures calculated with the previous method.

(3) Method for determining numerical values

①Quarterly numerical values

Numerical values for the current quarter are preliminary estimated values. They are finalized in the succeeding quarter.

②Numerical values for the previous year (quarterly values, fiscal year totals)

Previous-year figures are finalized in the quarter immediately following the first quarter of the fiscal year (the April – June quarter) (compensation between fiscal years).

(4) Annotations in the statistical tables

**－:** Indicates values that were impossible to calculation.

**p:** Indicates preliminary estimated values. Numerical values for this quarter are preliminary estimates, and may be revised in the succeeding quarter.

**x:** Indicates that data is not being disclosed because there are only one or two overseas subsidiaries involved. Data may also be undisclosed when there are three or more companies, in order to avoid the risk of enabling the calculation of “x” from the data provided.

**r:** Indicates changes from released figures (other than preliminary estimates) for the previous quarter. However, this mark is not attached when a change occurs due to compensation between fiscal years.

(5) Tabulation method

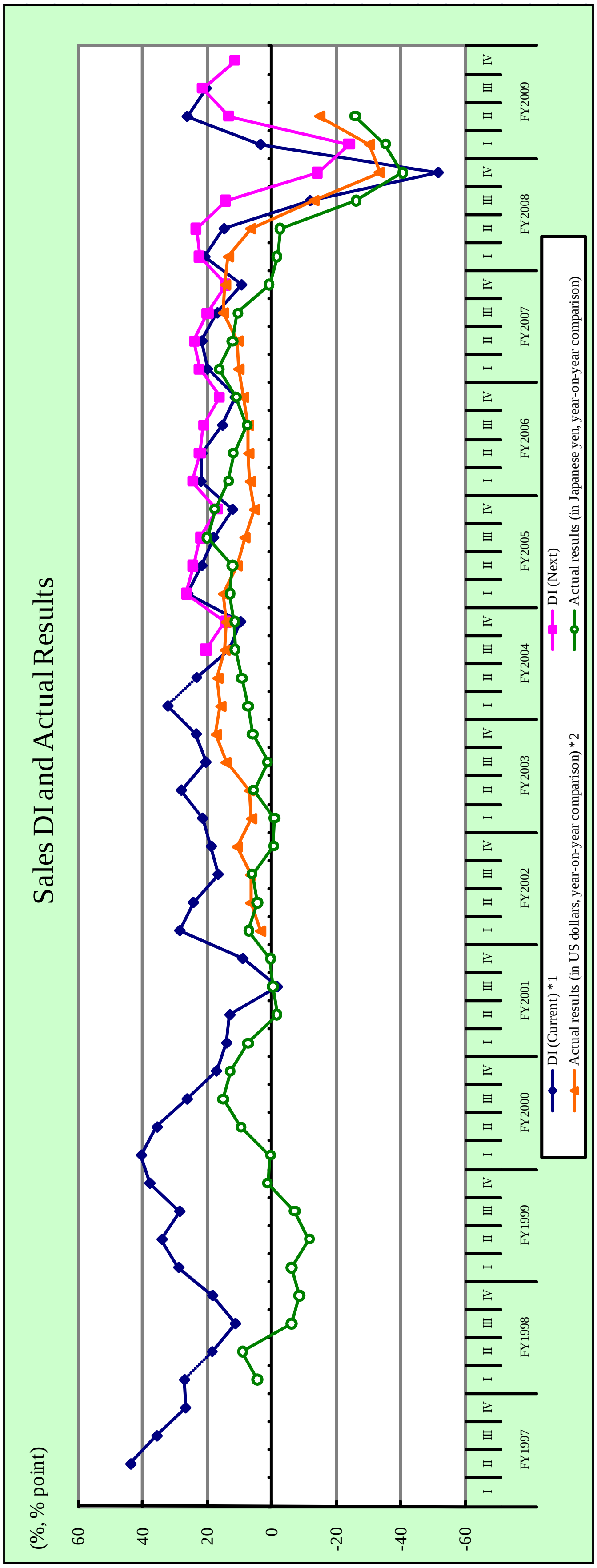
Data for all companies covered by the survey is tabulated after estimating the results for companies that did not submit responses, based on the following formula in each region and sector (the number of employees given in the previous quarter is used in the case of employees). All items are estimated except the “amount of acquired tangible fixed assets.”

$$\text{Estimated values for this quarter for companies not submitting data} = \text{Value for the corresponding quarter in the previous year for relevant companies} \times \frac{\text{Total values for this quarter for companies that submitted data both this quarter and in the same quarter of the previous year}}{\text{Total values for the same quarter of the previous year for companies that submitted data both this quarter and in the same quarter of the previous year}}$$

(6) Revisions to the industrial classification

The industrial classification of this survey is based on the Japan Standard Industrial Classification. Starting from the April-June survey of 2009, the survey uses a new industrial classification which has been revised in accordance with the 12th revision (November 2007) made to the Japan Standard Industrial Classification. (For revision to industrial classification, please see Page 36)

## II. Survey Results




*1: DI survey period for FY1997 was a quarter including the time of survey. DI surveys from FY1998 to FY2003 were conducted on a half year basis (the quarter including the time of survey and the next quarter).
Starting from the FY2004 survey, the half-year survey period that had been used up to the previous year was divided into the current survey period (the quarter including the time of survey) and the next survey period (the next quarter).

*2: Actual results in US dollars are available starting from FY2001 data.

## 1. Forecasts
### (1) Trends in Sales

○ The Sales DI remained positive for the third straight quarter.
The Current DI and the Next DI recorded positive figures at 20.3 and 11.2, up 32.3 points and 25.5 points from the same quarter of the previous year, respectively, showing improvements from the previous survey. All regions recorded positive figures for their Current DIs and Next DIs.

**Chart 1-1 Sales DI**

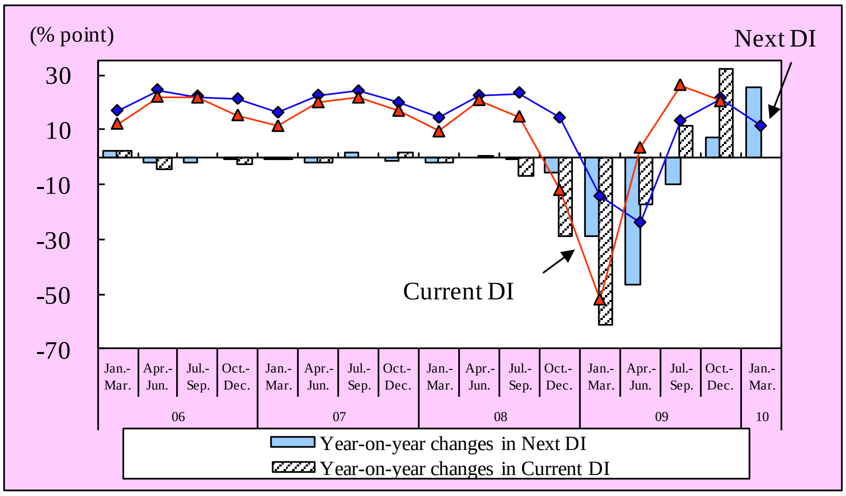



**Chart 1-2 Next DI for Sales (by industry)**

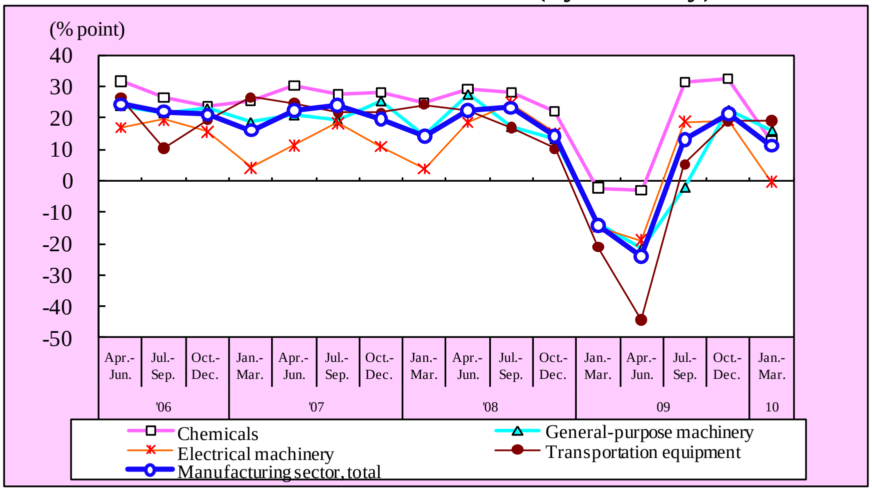
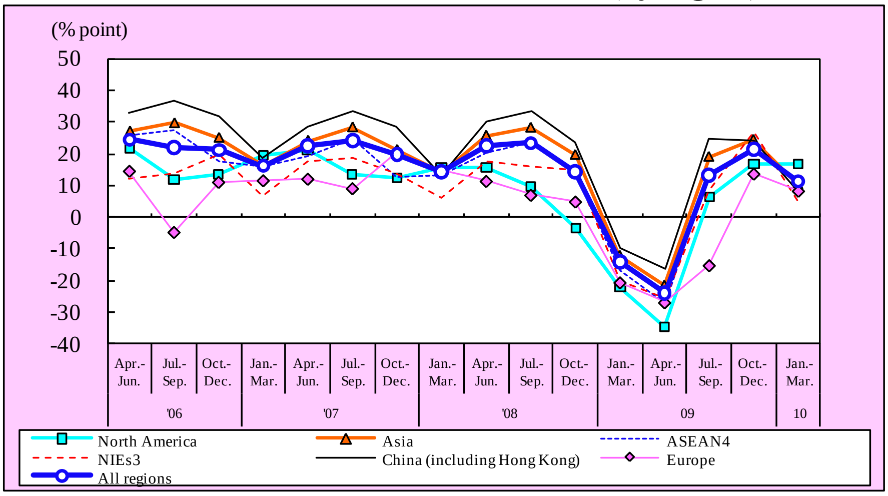



**Chart 1-3 Next DI for Sales (by region)**



The Current DI (*1) for sales (October–December 2009) posted 20.3, marking its third straight quarter of positive figures. This was a year-on-year (*2) increase of 32.3 points, showing improvements from the previous survey.

By industry, all industries in the manufacturing sector except textiles reported positive figures, while all except food and tobacco recorded improvements in year-on-year changes compared with the previous survey.

By region, all regions reported positive figures, with all showing improvements in year-on-year changes.

The Next DI (January–March 2010) posted 11.2, marking its third straight quarter of positive figures. This was a year-on-year increase of 25.5 points, showing improvements from the previous survey.

By industry, all industries in the manufacturing sector except electrical machinery reported positive figures. All including the four major industry groups (*3) showed improvements from the previous survey.

By region, all regions recorded improvements in year-on-year changes compared with the previous survey.

## Table 1 Sales DI (by region/industry)

(Unit: % point)

| By industry | Oct.–Dec. 2008 survey | | Jan.–Mar. 2009 survey | | Apr.–Jun. 2009 survey | | | | Jul.–Sep. 2009 survey | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current | Next | Current | Next | Current | | Next | | Current | | Next | |
| | Jan.-Mar. '09 | Apr.-Jun. '09 | Apr.-Jun. '09 | Jul.-Sep. '09 | Jul.-Sep. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| **Manufacturing sector, total** | -51.8 | -24.1 | 3.4 | 13.1 | 26.2 | 11.5 | 21.4 | 7.2 | 20.3 | 32.3 | 11.2 | 25.5 |
| Chemicals | -32.1 | -3.0 | 32.1 | 31.5 | 38.0 | 21.3 | 32.6 | 10.4 | 19.1 | 22.3 | 12.7 | 14.9 |
| General-purpose machinery | -38.1 | -21.5 | -8.7 | -2.0 | 15.8 | -2.1 | 22.7 | 9.2 | 19.6 | 30.3 | 16.2 | 29.6 |
| Electrical machinery | -58.3 | -18.9 | 13.5 | 18.9 | 27.6 | 7.8 | 19.1 | 3.9 | 19.1 | 22.7 | -0.3 | 14.3 |
| Transportation equipment | -65.3 | -44.3 | -7.6 | 5.3 | 25.6 | 23.5 | 19.2 | 9.0 | 27.0 | 53.5 | 19.1 | 40.2 |

(Unit: % point)

| By region | Oct.–Dec. 2008 survey | | Jan.–Mar. 2009 survey | | Apr.–Jun. 2009 survey | | | | Jul.–Sep. 2009 survey | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current | Next | Current | Next | Current | | Next | | Current | | Next | |
| | Jan.-Mar. '09 | Apr.-Jun. '09 | Apr.-Jun. '09 | Jul.-Sep. '09 | Jul.-Sep. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| **All regions, total** | -51.8 | -24.1 | 3.4 | 13.1 | 26.2 | 11.5 | 21.4 | 7.2 | 20.3 | 32.3 | 11.2 | 25.5 |
| ・North America | -57.1 | -34.7 | -6.4 | 6.3 | 17.1 | 23.2 | 16.9 | 20.4 | 15.1 | 46.6 | 16.6 | 38.6 |
| ・Asia | -52.1 | -21.6 | 8.7 | 18.9 | 31.4 | 9.7 | 24.4 | 4.8 | 23.4 | 30.9 | 10.3 | 22.5 |
| ASEAN4 | -59.6 | -27.1 | -0.7 | 13.9 | 32.3 | 10.0 | 21.6 | 7.9 | 25.8 | 42.9 | 10.9 | 27.7 |
| NIEs3 | -51.0 | -25.9 | 1.3 | 8.5 | 24.9 | 17.9 | 26.7 | 11.7 | 17.8 | 33.7 | 4.6 | 24.9 |
| China (including Hong Kong) | -48.8 | -16.4 | 16.9 | 24.3 | 31.6 | 8.7 | 24.3 | 1.0 | 21.5 | 22.3 | 7.8 | 17.9 |
| ・Europe | -41.4 | -27.0 | -16.8 | -15.3 | 2.5 | 10.7 | 13.6 | 8.8 | 11.6 | 29.3 | 8.2 | 28.9 |

## Table 2 Sales DI (for major industry groups by region)

(Unit: % point)

North America

| Sales | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -31.5 | -22.0 | 15.1 | 46.6 | 16.6 | 38.6 |
| Chemicals | 4.5 | 4.5 | 10.2 | 5.7 | 29.2 | 24.7 |
| General-purpose machinery | -27.0 | -3.2 | 10.6 | 37.6 | 16.4 | 19.6 |
| Electrical machinery | -6.9 | -11.8 | 13.8 | 20.7 | 3.9 | 15.7 |
| Transportation equipment | -51.0 | -36.9 | 21.5 | 72.5 | 19.4 | 56.3 |

Asia

| Sales | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -7.5 | -12.2 | 23.4 | 30.9 | 10.3 | 22.5 |
| Chemicals | -3.6 | -7.3 | 20.1 | 23.7 | 7.8 | 15.1 |
| General-purpose machinery | -1.8 | -12.6 | 23.8 | 25.6 | 18.2 | 30.8 |
| Electrical machinery | -6.2 | -14.5 | 19.0 | 25.2 | -0.7 | 13.8 |
| Transportation equipment | -13.2 | -11.2 | 36.1 | 49.3 | 22.0 | 33.2 |

ASEAN4

| Sales | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -17.1 | -16.8 | 25.8 | 42.9 | 10.9 | 27.7 |
| Chemicals | -10.3 | -11.5 | 9.0 | 19.3 | 3.8 | 15.3 |
| General-purpose machinery | -11.6 | -24.6 | 29.0 | 40.6 | 24.7 | 49.3 |
| Electrical machinery | -19.1 | -18.7 | 15.5 | 34.6 | -2.7 | 16.0 |
| Transportation equipment | -24.1 | -19.0 | 38.1 | 62.2 | 14.2 | 33.2 |

NIEs3

| Sales | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -15.9 | -20.3 | 17.8 | 33.7 | 4.6 | 24.9 |
| Chemicals | -17.7 | -8.8 | 2.2 | 19.9 | 2.3 | 11.1 |
| General-purpose machinery | 0.0 | -20.0 | 22.6 | 22.6 | 12.9 | 32.9 |
| Electrical machinery | -9.6 | -20.8 | 11.0 | 20.6 | -4.7 | 16.1 |
| Transportation equipment | -38.7 | -27.6 | 24.2 | 62.9 | 17.8 | 45.4 |

China (including Hong Kong)

| Sales | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -0.9 | -10.1 | 21.5 | 22.4 | 7.8 | 17.9 |
| Chemicals | 8.0 | -3.5 | 35.6 | 27.6 | 13.1 | 16.6 |
| General-purpose machinery | 0.0 | -7.9 | 22.2 | 22.2 | 15.4 | 23.3 |
| Electrical machinery | 2.2 | -11.6 | 21.0 | 18.8 | -1.3 | 10.3 |
| Transportation equipment | -3.2 | -6.7 | 34.8 | 38.0 | 26.5 | 33.2 |

Europe

| Sales | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -17.7 | -20.7 | 11.6 | 29.3 | 8.2 | 28.9 |
| Chemicals | -7.9 | 16.2 | 20.0 | 27.9 | 20.0 | 3.8 |
| General-purpose machinery | -37.9 | -36.2 | 12.7 | 50.6 | 11.1 | 47.3 |
| Electrical machinery | 14.3 | -17.9 | 18.0 | 3.7 | 0.0 | 17.9 |
| Transportation equipment | -39.2 | -37.3 | 8.0 | 47.2 | 4.8 | 42.1 |

Notes:

(*1) Diffusion Index (DI) = [Proportion of companies that responded that they expect an increase] – [Proportion of companies that responded that they expect a fall]

(*2) Quarterly year-on-year changes in Current DI = [Current DI for the current quarter] – [Current DI for the same quarter of the previous year]

Quarterly year-on-year changes in Next DI = [Next DI for the current quarter] – [Next DI for the same quarter of the previous year]

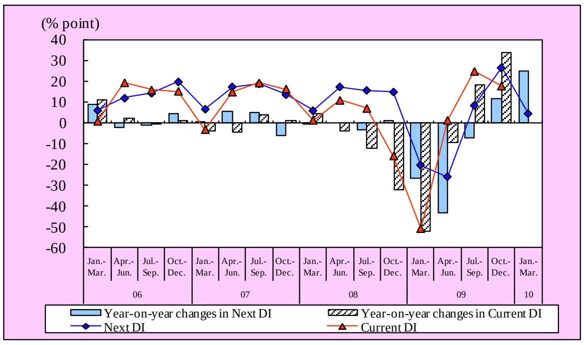
(*3) Four major industry groups: Chemicals, general-purpose machinery (general-purpose, production and business oriented machinery), electrical machinery, and transportation equipment.

## ●North America

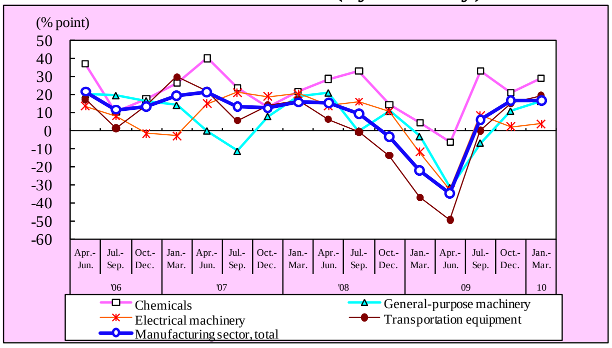
The Current DI stood at 15.1, marking its second straight quarter of double-digit positive figures. This was a year-on-year increase of 46.6 points, showing improvements from a 23.2-point increase in the previous survey.

The Next DI posted its third straight quarter of positive figures at 16.6. This was a year-on-year increase of 38.6, marking improvements from a 20.4-point increase in the previous survey. All four major industry groups showed improvements from the previous survey, with transportation equipment (19.4) [*4] posting a year-on-year increase of 56.3 points, chemicals (29.2) 24.7 points, general-purpose machinery (16.4) 19.6 points, and electrical machinery (3.9) 15.7 points.

**Sales DI**




**Next DI for Sales (by industry)**

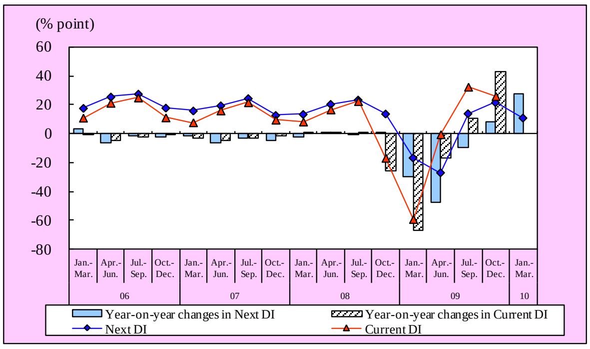



## ●ASEAN4 [*5]

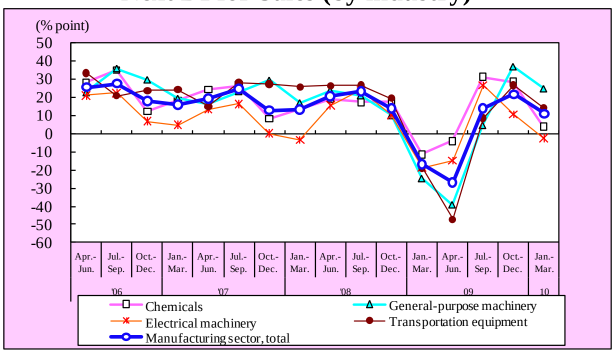
The Current DI stood at 25.8, marking its second straight quarter of double-digit positive figures. This was a year-on-year increase of 42.9 points, showing improvements from a 10.0-point increase in the previous survey.

The Next DI posted its third straight quarter of double-digit positive figures at 10.9. This was a year-on-year increase of 27.7, marking improvements from a 7.9-point increase in the previous survey. All four major industry groups showed improvements from the previous survey, with general-purpose machinery (24.7) posting a year-on-year increase of 49.3 points, transportation equipment (14.2) 33.2 points, electrical machinery (minus 2.7) 16.0 points, and chemicals (3.8) 15.3 points.

**Sales DI**




**Next DI for Sales (by industry)**

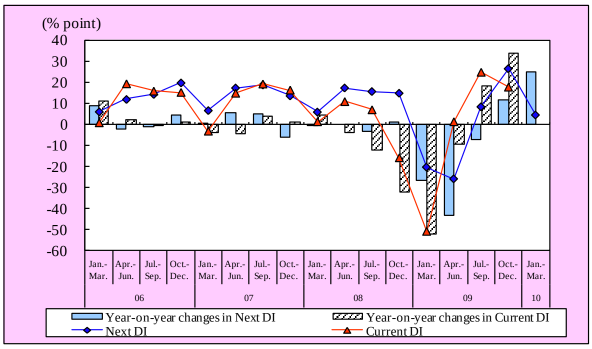



## ●NIEs3 [*6]

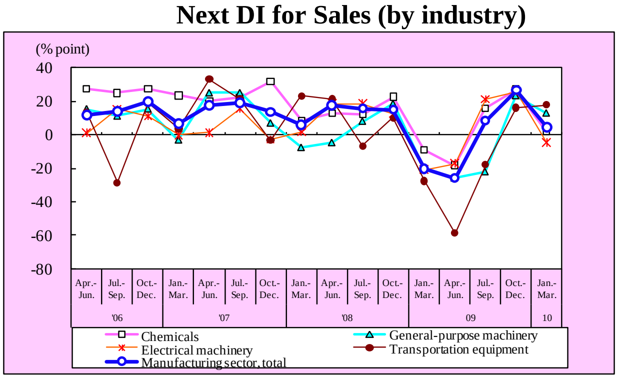
The Current DI stood at 17.8, marking its third straight quarter of positive figures. This was a year-on-year increase of 33.7 points, showing improvements from a 17.9-point increase in the previous survey.

The Next DI posted its third straight quarter of positive figures at 4.6. This was a year-on-year increase of 24.9, marking improvements from an 11.7-point increase in the previous survey. All four major industry groups showed improvements from the previous survey, with transportation equipment (17.8) posting a year-on-year increase of 45.4 points, general-purpose machinery (12.9) 32.9 points, electrical machinery (minus 4.7) 16.1 points, and chemicals (2.3) 11.1 points.

**Sales DI**




**Next DI for Sales (by industry)**

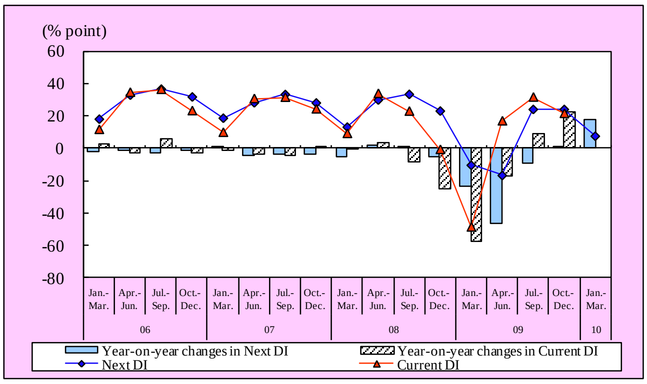


## ●China (including Hong Kong)

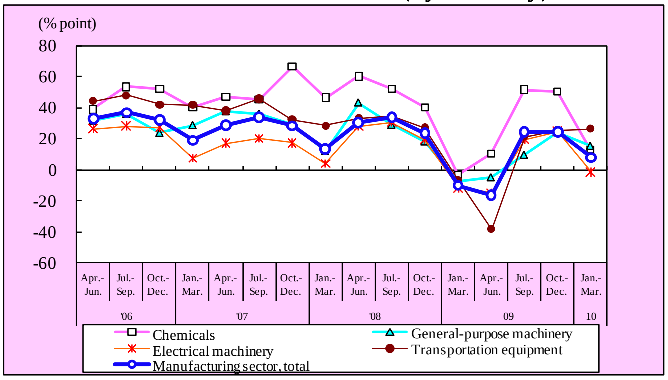
The Current DI stood at 21.5, marking its third straight quarter of double-digit positive figures. This was a year-on-year increase of 22.4 points, showing improvements from an 8.7-point increase in the previous survey.

The Next DI posted its third straight quarter of positive figures at 7.8. This was a year-on-year increase of 17.9, marking improvements from a 1.0-point increase in the previous survey. All four major industry groups showed improvements from the previous survey, with transportation equipment (26.5) posting a year-on-year increase of 33.2 points, general-purpose machinery (15.4) 23.3 points, chemicals (13.1) 16.6 points, and electrical machinery (minus 1.3) 10.3 points.

**Sales DI**




**Next DI for Sales (by industry)**

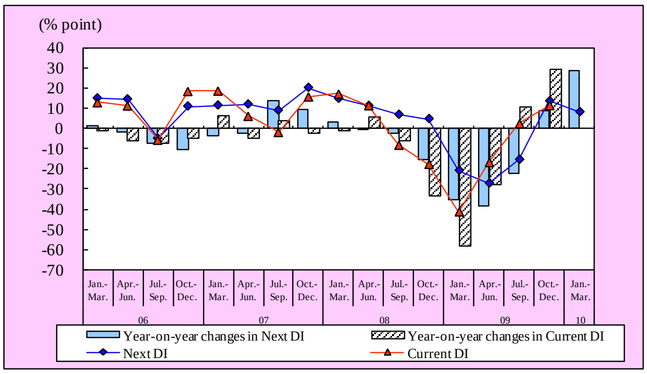



## ●Europe

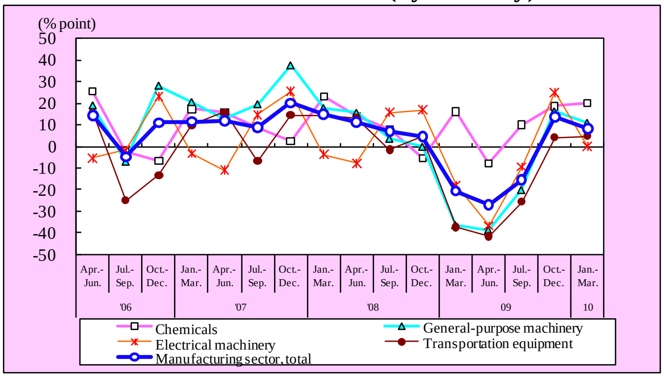
The Current DI stood at 11.6, marking its second straight quarter of positive figures. This was a year-on-year increase of 29.3 points, showing improvements from a 10.7-point increase in the previous survey.

The Next DI posted its second straight quarter of positive figures at 8.2. This was a year-on-year increase of 28.9, marking improvements from an 8.8-point increase in the previous survey. All four major industry groups recorded year-on-year increases, with general-purpose machinery (11.1) posting 47.3 points, transportation equipment (4.8) 42.1 points, electrical machinery (0.0) 17.9 points, and chemicals (20.0) 3.8 points. All except chemicals showed improvements from the previous survey.

**Sales DI**




**Next DI for Sales (by industry)**

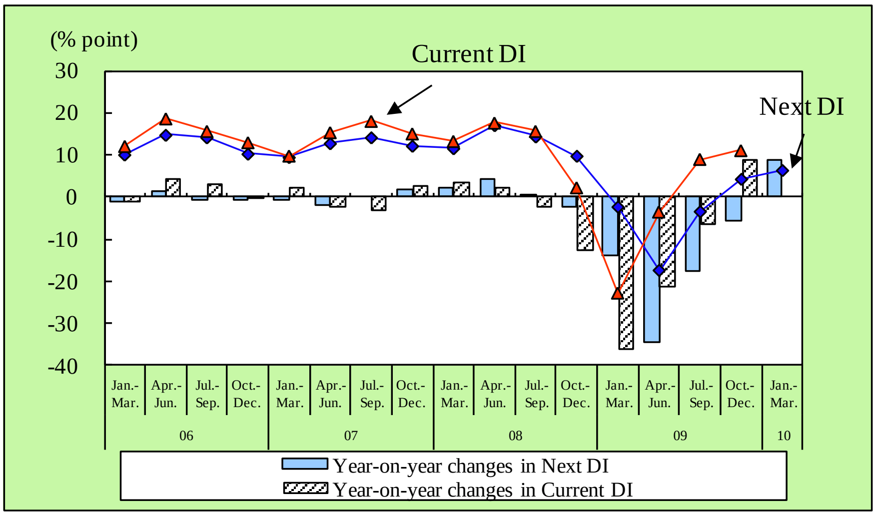



Notes:
(*4) Figures in parentheses represent levels.
(*5) ASEAN4: Indonesia, Thailand, the Philippines, and Malaysia.
(*6) NIEs3: Singapore, Taiwan, and the Republic of Korea.

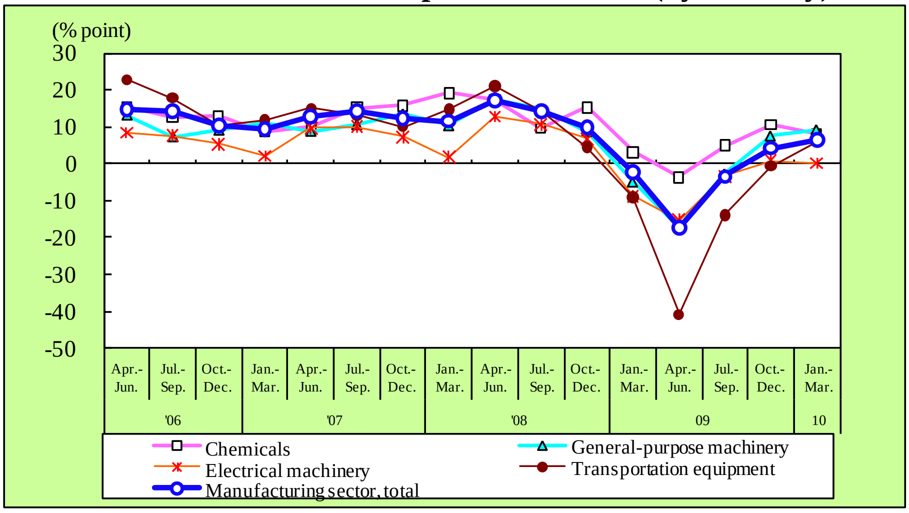
## (2) Trends in Capital Investment

○ The Capital Investment DI posted positive figures for the second straight quarter.
The Current DI and the Next DI recorded positive figures at 11.1 and 6.4, up 8.9 points and 8.7 points from the same quarter of the previous year, respectively, showing improvements from the previous survey. All regions except North America recorded positive figures for their Next DIs.

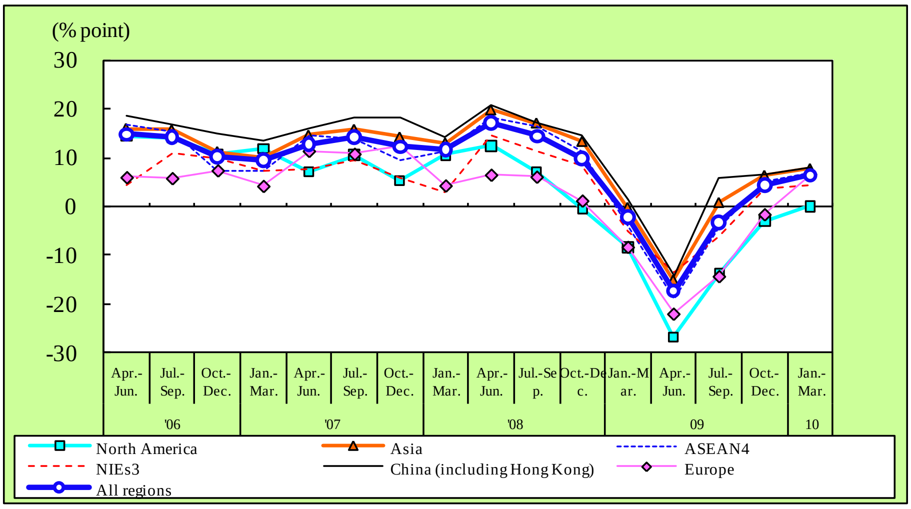
### Chart 1-4 Capital Investment DI




### Chart 1-5 Next DI for Capital Investment (by industry)




### Chart 1-6 Next DI for Capital Investment (by region)



The Current DI for capital investment (October–December 2009) posted 11.1, marking its second straight quarter of positive figures. This was a year-on-year increase of 8.9 points, showing improvements from a 6.7-point fall in the previous survey.

By industry, all industries in the manufacturing sector except iron and steel reported positive figures. All four major industry groups recorded improvements in year-on-year changes compared with the previous survey.

By region, all regions reported positive figures. All except other Asian countries saw increases in year-on-year changes, showing improvements from the previous survey.

The Next DI (January–March 2010) posted 6.4, marking its second straight quarter of positive figures. This was a year-on-year increase of 8.7 points, showing improvements from a 5.5-point fall in the previous survey.

By industry, all four major industry groups reported positive figures, with all recording improvements in year-on-year changes compared with the previous survey.

By region, all regions except North America reported positive figures. All except other Asian countries saw increases in year-on-year changes, showing improvements from the previous survey.

## Table 3 Capital Investment DI (by region/industry)

(Unit: % point)

| By industry | Oct.–Dec. 2008 survey | | Jan.–Mar. 2009 survey | | Apr.–Jun. 2009 survey | | | | Jul.–Sep. 2009 survey | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current | Next | Current | Next | Current | | Next | | Current | | Next | |
| | Jan.-Mar. '09 | Apr.-Jun. '09 | Apr.-Jun. '09 | Jul.-Sep. '09 | Jul.-Sep. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| **Manufacturing sector, total** | -23.0 | -17.4 | -3.6 | -3.5 | 9.0 | -6.7 | 4.3 | -5.5 | 11.1 | 8.9 | 6.4 | 8.7 |
| **Chemicals** | -10.6 | -3.7 | 5.4 | 5.0 | 9.8 | -8.1 | 10.5 | -4.8 | 13.1 | 6.6 | 8.1 | 5.0 |
| **General-purpose machinery** | -19.7 | -17.0 | -10.9 | -2.7 | 5.2 | -5.8 | 7.6 | -1.2 | 12.0 | 15.3 | 9.3 | 14.2 |
| **Electrical machinery** | -28.6 | -15.3 | -3.9 | -3.4 | 10.1 | -11.0 | 0.9 | -6.0 | 11.9 | 17.0 | 0.1 | 8.9 |
| **Transportation equipment** | -38.3 | -40.8 | -13.8 | -13.9 | 8.8 | -6.7 | -0.7 | -5.3 | 10.5 | 10.5 | 6.1 | 15.1 |

(Unit: % point)

| By region | Oct.–Dec. 2008 survey | | Jan.–Mar. 2009 survey | | Apr.–Jun. 2009 survey | | | | Jul.–Sep. 2009 survey | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current | Next DI | Current | Next | Current | | Next | | Current | | Next | |
| | Jan.-Mar. '09 | Apr.-Jun. '09 | Apr.-Jun. '09 | Jul.-Sep. '09 | Jul.-Sep. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| **All regions, total** | -23.0 | -17.4 | -3.6 | -3.5 | 9.0 | -6.7 | 4.3 | -5.5 | 11.1 | 8.9 | 6.4 | 8.7 |
| **・North America** | -34.0 | -26.9 | -13.0 | -13.8 | 4.3 | 2.8 | -3.0 | -2.3 | 4.4 | 14.5 | 0.0 | 8.4 |
| **・Asia** | -19.4 | -15.3 | -1.1 | 0.7 | 10.6 | -8.9 | 6.3 | -7.0 | 13.1 | 7.4 | 7.7 | 8.0 |
| **ASEAN4** | -22.2 | -19.0 | -7.8 | -4.3 | 9.7 | -5.8 | 5.2 | -6.0 | 15.2 | 12.3 | 7.0 | 11.0 |
| **NIEs3** | -26.6 | -13.7 | -7.4 | -6.4 | 7.0 | -3.4 | 3.5 | -4.9 | 13.4 | 18.4 | 4.2 | 9.2 |
| **China (including Hong Kong)** | -17.8 | -14.1 | 5.3 | 5.6 | 10.6 | -13.0 | 6.5 | -8.1 | 11.9 | 3.9 | 7.9 | 6.5 |
| **・Europe** | -30.5 | -22.0 | -8.7 | -14.3 | 1.9 | -6.9 | -1.6 | -2.8 | 7.0 | 11.4 | 6.7 | 15.0 |

## Table 4 Capital Investment DI (for major industry groups by region)

(Unit: % point)

North America

| Capital investment | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -10.1 | -8.4 | 4.4 | 14.5 | 0.0 | 8.4 |
| Chemicals | 8.6 | 0.0 | 13.2 | 4.6 | 2.6 | 2.6 |
| General-purpose machinery | -17.9 | -10.6 | 3.3 | 21.2 | 3.2 | 13.8 |
| Electrical machinery | -14.0 | -9.3 | 3.1 | 17.1 | 0.0 | 9.3 |
| Transportation equipment | -15.9 | -14.9 | 1.2 | 17.1 | -3.2 | 11.7 |

Asia

| Capital investment | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | 5.7 | -0.3 | 13.1 | 7.4 | 7.7 | 8.0 |
| Chemicals | 7.0 | 3.2 | 12.3 | 5.3 | 9.4 | 6.2 |
| General-purpose machinery | 4.3 | -2.1 | 14.9 | 10.6 | 12.1 | 14.2 |
| Electrical machinery | -3.7 | -8.1 | 13.2 | 16.9 | -1.2 | 6.9 |
| Transportation equipment | 10.3 | -4.1 | 16.3 | 6.0 | 10.6 | 14.7 |

ASEAN4

| Capital investment | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | 2.9 | -4.0 | 15.2 | 12.3 | 7.0 | 11.0 |
| Chemicals | 1.5 | -9.7 | 17.8 | 16.3 | 11.3 | 21.0 |
| General-purpose machinery | -1.8 | -1.8 | 16.2 | 18.0 | 4.8 | 6.6 |
| Electrical machinery | -9.3 | -11.1 | 17.6 | 26.9 | -0.7 | 10.4 |
| Transportation equipment | 12.0 | -9.3 | 17.1 | 5.1 | 5.9 | 15.2 |

NIEs3

| Capital investment | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -5.0 | -5.0 | 13.4 | 18.4 | 4.2 | 9.2 |
| Chemicals | -2.6 | 5.4 | 8.4 | 11.0 | 0.0 | -5.4 |
| General-purpose machinery | 0.0 | -17.4 | 20.0 | 20.0 | 8.7 | 26.1 |
| Electrical machinery | -14.3 | -11.0 | 12.9 | 27.2 | 1.8 | 12.8 |
| Transportation equipment | -22.2 | -20.0 | 25.9 | 48.1 | 11.5 | 31.5 |

China (including Hong Kong)

| Capital investment | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | 8.0 | 1.4 | 11.9 | 3.9 | 7.9 | 6.5 |
| Chemicals | 12.1 | 9.4 | 11.1 | -1.0 | 12.4 | 3.0 |
| General-purpose machinery | 6.0 | -1.0 | 13.6 | 7.6 | 15.3 | 16.3 |
| Electrical machinery | 2.6 | -6.8 | 11.3 | 8.7 | -3.2 | 3.6 |
| Transportation equipment | 6.5 | 0.8 | 16.9 | 10.4 | 18.0 | 17.2 |

Europe

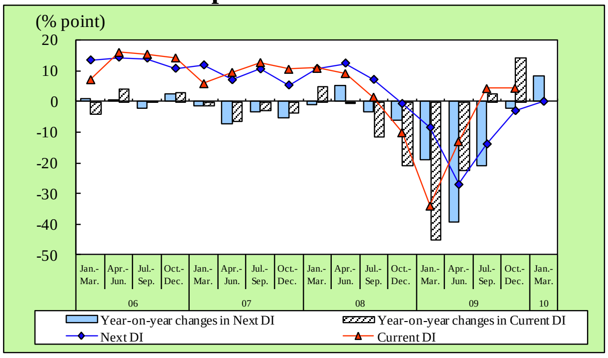
| Capital investment | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -4.4 | -8.3 | 7.0 | 11.4 | 6.7 | 15.0 |
| Chemicals | 3.1 | 3.3 | 18.1 | 15.0 | 12.2 | 8.9 |
| General-purpose machinery | -11.1 | -7.3 | 6.9 | 18.0 | 3.5 | 10.8 |
| Electrical machinery | -2.2 | -10.9 | 2.7 | 4.9 | 13.9 | 24.8 |
| Transportation equipment | -17.0 | -28.4 | -1.4 | 15.6 | -1.5 | 26.9 |

## ●North America

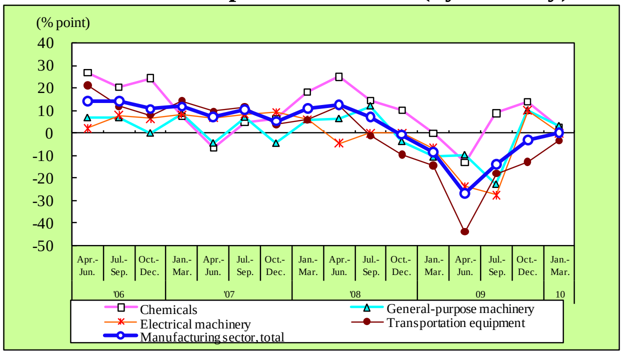
The Current DI stood at 4.4, marking its second straight quarter of positive figures. This was a year-on-year increase of 14.5 points, showing improvements from a 2.8-point increase in the previous survey. All four major industry groups recorded positive figures.

The Next DI stood at 0.0. This was a year-on-year increase of 8.4, marking improvements from a 2.3-point fall in the previous survey. All four major industry groups recorded year-on-year increases, with general-purpose machinery (3.2) posting 13.8 points, transportation equipment (minus 3.2) 11.7 points, electrical machinery (0.0) 9.3 points, and chemicals (2.6) 2.6 points. General-purpose machinery and transportation equipment showed improvements from the previous survey.

**Capital Investment DI**




**Next DI for Capital Investment (by industry)**

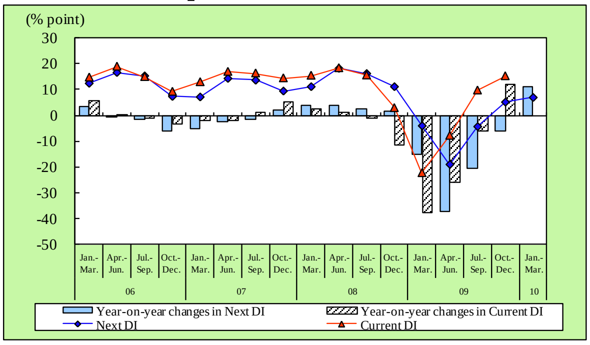



## ●ASEAN4

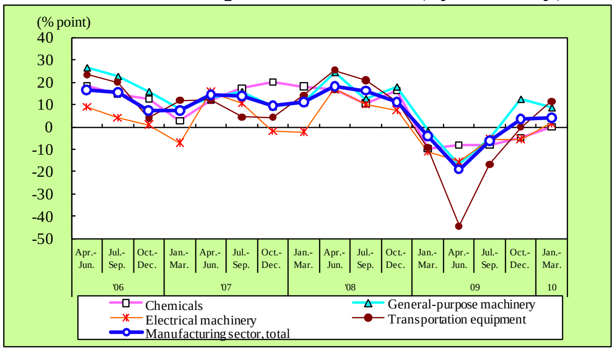
The Current DI stood at 15.2, marking its second straight quarter of positive figures. This was a year-on-year increase of 12.3 points, showing improvements from a 5.8-point increase in the previous survey. All industries in the manufacturing sector, including the four major industry groups, recorded positive figures.

The Next DI posted its second straight quarter of positive figures at 7.0. This was a year-on-year increase of 11.0, marking improvements from a 6.0-point fall in the previous survey. All four major industry groups showed improvements from the previous survey, with chemicals (11.3) posting a year-on-year increase of 21.0 points, transportation equipment (5.9) 15.2 points, electrical machinery (minus 0.7) 10.4 points, and general-purpose machinery (4.8) 6.6 points.

**Capital Investment DI**




**Next DI for Capital Investment (by industry)**



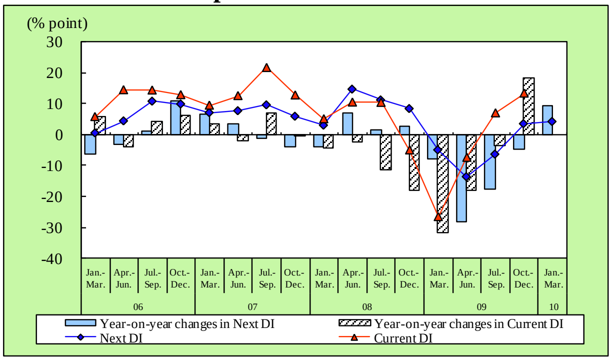

## ●NIEs3

The Current DI stood at 13.4, marking its second straight quarter of positive figures. This was a year-on-year increase of 18.4 points, showing improvements from a 3.4-point fall in the previous survey.

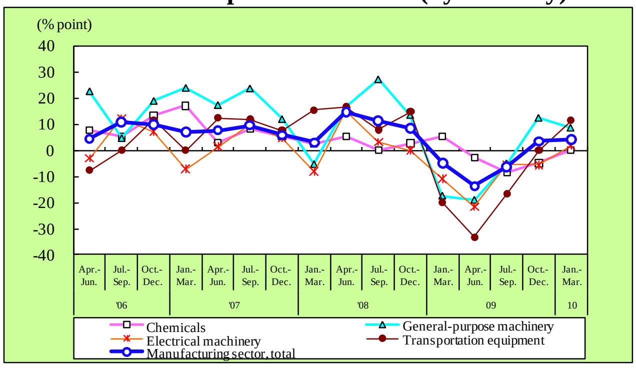
The Next DI posted its second straight quarter of positive figures at 4.2. This was a year-on-year increase of 9.2, marking improvements from a 4.9-point fall in the previous survey.

Compared with the same quarter of the previous year, transportation equipment (11.5) was up 31.5 points, general-purpose machinery (8.7) up 26.1 points, chemicals (0.0) down 5.4 points, and electrical machinery (1.8) up 12.8 points. All four major industry groups showed improvements from the previous survey.

**Capital Investment DI**




**Next DI for Capital Investment (by industry)**

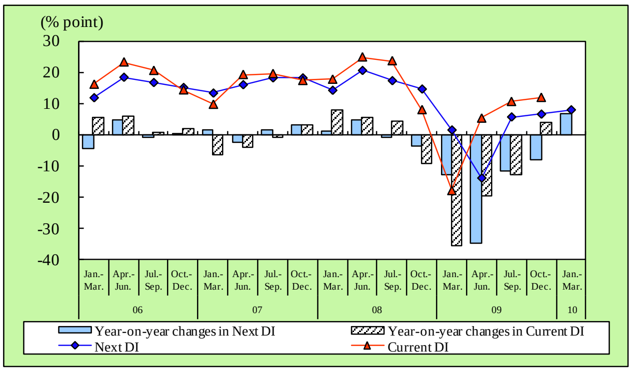


## ●China (including Hong Kong)

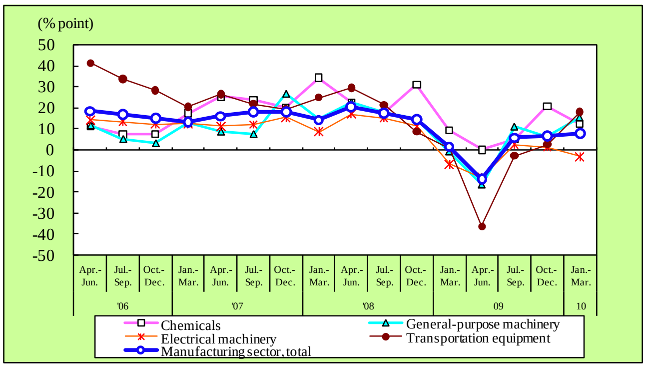
The Current DI stood at 11.9, marking its third straight quarter of positive figures. This was a year-on-year increase of 3.9 points, showing improvements from a 13.0-point fall in the previous survey. All four major industry groups except chemicals saw increases in year-on-year changes.

The Next DI posted its third straight quarter of positive figures at 7.9. This was a year-on-year increase of 6.5, marking improvements from an 8.1-point fall in the previous survey. All four major industry groups showed improvements from the previous survey, with transportation equipment (18.0) posting a year-on-year increase of 17.2 points, general-purpose machinery (15.3) 16.3 points, electrical machinery (minus 3.2) 3.6 points, and chemicals (12.4) 3.0 points.

**Capital Investment DI**




**Next DI for Capital Investment (by industry)**

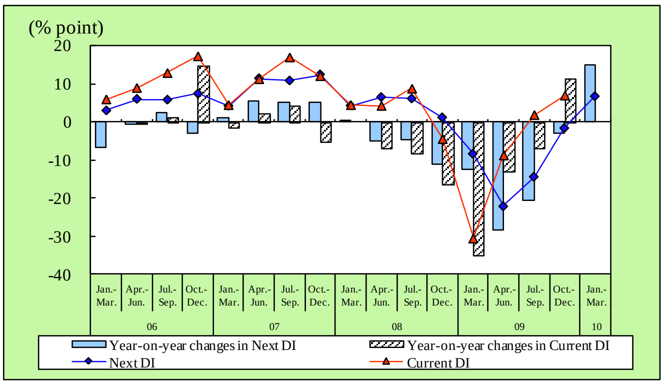



## ●Europe

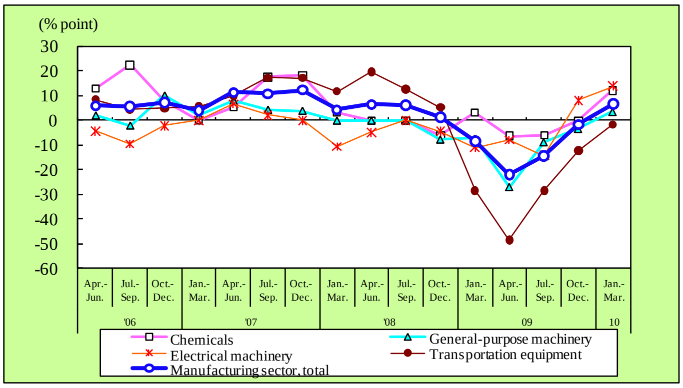
The Current DI stood at 7.0, marking its second straight quarter of positive figures. This was a year-on-year increase of 11.4 points, showing improvements from a 6.9-point fall in the previous survey.

The Next DI posted a positive figure of 6.7. This was a year-on-year increase of 15.0, marking improvements from a 2.8-point fall in the previous survey. All four major industry groups showed improvements from the previous survey, with transportation equipment (minus 1.5) posting a year-on-year increase of 26.9 points, electrical machinery (13.9) 24.8 points, general-purpose machinery (3.5) 10.8 points, and chemicals (12.2) 8.9 points.

**Capital Investment DI**



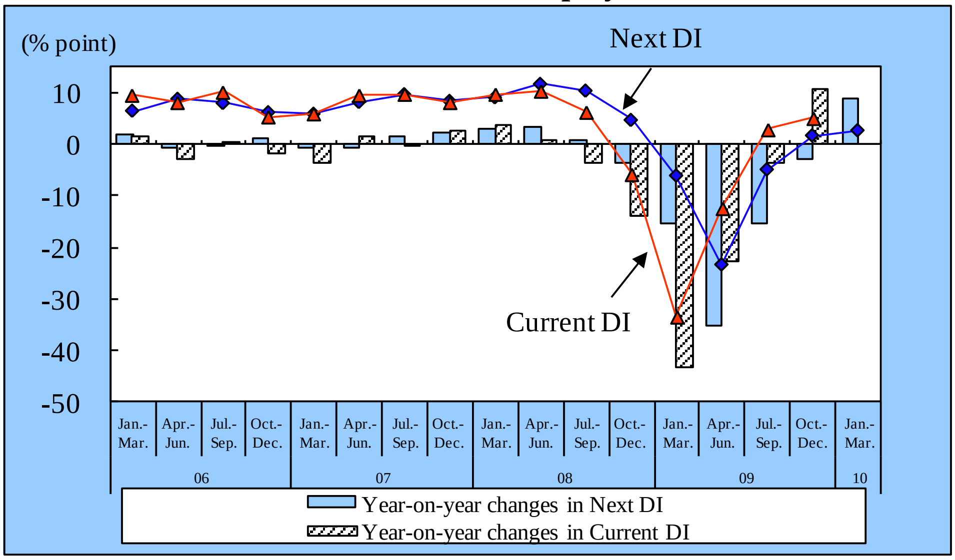

**Next DI for Capital Investment (by industry)**



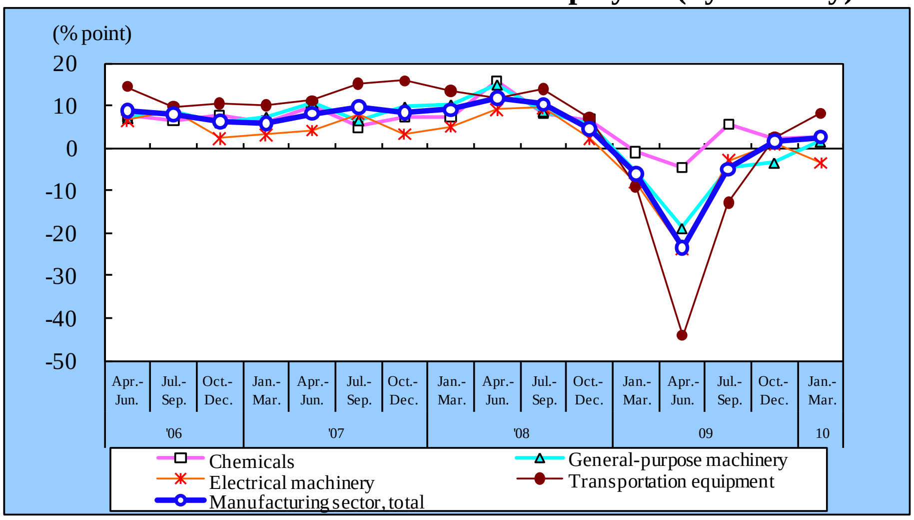
## (3) Trends in Number of Employees

○ The Number of Employees DI posted a positive figure for the second straight quarter, with its year-on-year change showing improvements from the previous survey.

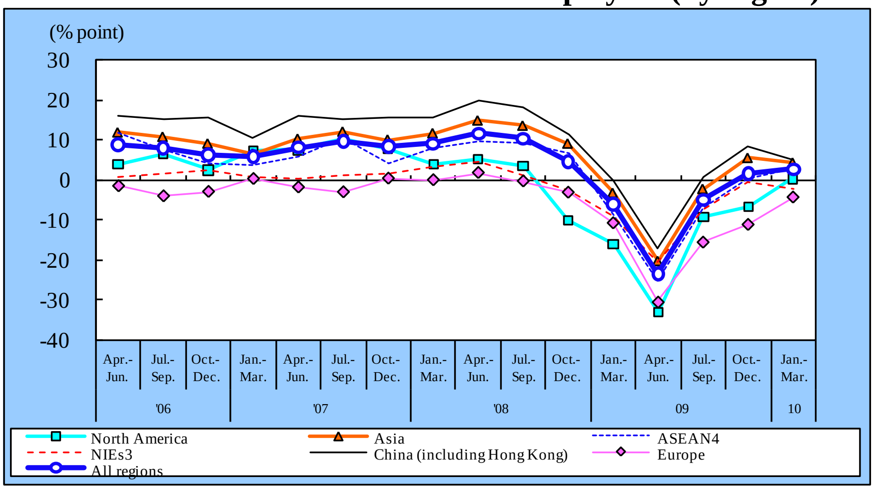
### Chart 1-7 Number of Employees DI




### Chart 1-8 Next DI for Number of Employees (by industry)




### Chart 1-9 Next DI for Number of Employees (by region)



The Current DI for the number of employees (October–December quarter 2009) posted 5.1, marking its second straight quarter of positive figures. This was a year-on-year increase of 10.9 points, showing improvements from a 3.4-point fall in the previous survey.

By industry, all industries in the manufacturing sector except textiles reported positive figures. All, except textiles, and food and tobacco, saw increases in year-on-year changes, with all four major industry groups showing improvements from the previous survey.

By region, all regions, except North America and Europe, reported positive figures. All regions recorded improvements in year-on-year changes compared with the previous survey.

The Next DI (January–March 2010) posted 2.7, marking its second straight quarter of positive figures. This was a year-on-year increase of 8.8 points, showing improvements from a 3.0-point fall in the previous survey.

By industry, all industries in the manufacturing sector, except electrical machinery, and food and tobacco, reported positive figures. All except food and tobacco saw increases in year-on-year changes, showing improvements from the previous survey.

By region, all regions, except Europe, NIEs3, and other regions, reported positive figures. All except other Asian countries saw increases in year-on-year changes, showing improvements from the previous survey.

## Table 5 Number of Employees DI (by region/industry)

(Unit: % point)

| By industry | Oct.–Dec. 2008 survey | | Jan.–Mar. 2009 survey | | Apr.–Jun. 2009 survey | | | | Jul.–Sep. 2009 survey | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current | Next | Current | Next | Current | | Next | | Current | | Next | |
| | Jan.-Mar. '09 | Apr.-Jun. '09 | Apr.-Jun. '09 | Jul.-Sep. '09 | Jul.-Sep. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| **Manufacturing sector, total** | -33.6 | -23.4 | -12.4 | -4.9 | 2.9 | -3.4 | 1.7 | -3.0 | 5.1 | 10.9 | 2.7 | 8.8 |
| **Chemicals** | -5.6 | -4.4 | 4.7 | 5.6 | 5.5 | 0.6 | 2.3 | -4.4 | 3.4 | 2.8 | 2.8 | 3.7 |
| **General-purpose machinery** | -25.7 | -18.7 | -13.6 | -4.6 | -5.9 | -19.4 | -3.3 | -9.0 | 0.0 | 2.5 | 1.7 | 7.0 |
| **Electrical machinery** | -41.0 | -23.8 | -10.9 | -2.9 | 3.9 | -1.8 | 1.1 | -1.3 | 4.9 | 14.4 | -3.4 | 4.7 |
| **Transportation equipment** | -55.4 | -44.1 | -23.9 | -12.8 | 1.4 | -3.2 | 2.7 | -4.5 | 10.4 | 21.6 | 8.3 | 17.3 |

(Unit: % point)

| By region | Oct.–Dec. 2008 survey | | Jan.–Mar. 2009 survey | | Apr.–Jun. 2009 survey | | | | Jul.–Sep. 2009 survey | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Current | Next | Current | Next | Current | | Next | | Current | | Next | |
| | Jan.-Mar. '09 | Apr.-Jun. '09 | Apr.-Jun. '09 | Jul.-Sep. '09 | Jul.-Sep. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| **All regions, total** | -33.6 | -23.4 | -12.4 | -4.9 | 2.9 | -3.4 | 1.7 | -3.0 | 5.1 | 10.9 | 2.7 | 8.8 |
| **• North America** | -44.4 | -33.2 | -18.1 | -9.2 | -7.0 | 1.2 | -6.8 | 3.2 | 0.0 | 17.4 | 0.4 | 16.3 |
| **• Asia** | -31.1 | -20.4 | -9.0 | -2.3 | 7.5 | -3.0 | 5.5 | -3.6 | 8.1 | 10.3 | 4.3 | 7.6 |
| **ASEAN4** | -37.2 | -25.4 | -15.4 | -6.7 | 2.8 | -3.9 | 0.4 | -6.2 | 5.9 | 11.4 | 2.7 | 11.5 |
| **NIEs3** | -25.5 | -20.7 | -11.9 | -7.2 | -1.5 | -1.1 | -0.4 | 2.1 | 3.3 | 11.1 | -2.1 | 7.0 |
| **China (including Hong Kong)** | -28.5 | -17.1 | -4.1 | 0.9 | 11.2 | -3.2 | 8.3 | -3.2 | 9.4 | 9.9 | 5.2 | 5.4 |
| **• Europe** | -32.7 | -30.4 | -23.1 | -15.5 | -11.2 | -9.5 | -11.1 | -8.0 | -7.0 | 5.4 | -4.3 | 6.4 |

## Table 6 Number of Employees DI (for major industry groups by region)

(Unit: % point)

North America

| Number of employees | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -17.4 | -15.9 | 0.0 | 17.4 | 0.4 | 16.3 |
| Chemicals | 2.4 | -4.7 | 6.3 | 3.9 | -4.2 | 0.5 |
| General-purpose machinery | -11.5 | -6.4 | -1.5 | 10.0 | -4.7 | 1.7 |
| Electrical machinery | 3.3 | 10.0 | -5.7 | -9.0 | -1.8 | -11.8 |
| Transportation equipment | -30.9 | -30.0 | 2.7 | 33.6 | 3.9 | 33.9 |

Asia

| Number of employees | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -2.2 | -3.3 | 8.1 | 10.3 | 4.3 | 7.6 |
| Chemicals | -0.5 | 0.5 | 6.1 | 6.6 | 6.5 | 6.0 |
| General-purpose machinery | 0.4 | -3.1 | 1.2 | 0.8 | 4.6 | 7.7 |
| Electrical machinery | -11.1 | -9.8 | 6.7 | 17.8 | -2.8 | 7.0 |
| Transportation equipment | 1.0 | 2.3 | 17.6 | 16.6 | 12.3 | 10.0 |

ASEAN4

| Number of employees | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -5.5 | -8.8 | 5.9 | 11.4 | 2.7 | 11.5 |
| Chemicals | 2.5 | -2.5 | 5.0 | 2.5 | 5.0 | 7.5 |
| General-purpose machinery | -12.8 | -11.5 | -4.1 | 8.7 | 2.6 | 14.1 |
| Electrical machinery | -15.4 | -18.0 | 1.6 | 17.0 | -2.7 | 15.3 |
| Transportation equipment | -3.2 | -3.9 | 14.5 | 17.7 | 7.7 | 11.6 |

NIEs3

| Number of employees | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -7.8 | -9.1 | 3.3 | 11.1 | -2.1 | 7.0 |
| Chemicals | 2.3 | 2.2 | 4.6 | 2.3 | 2.2 | 0.0 |
| General-purpose machinery | -3.5 | -10.3 | 3.0 | 6.5 | 6.3 | 16.6 |
| Electrical machinery | -16.6 | -15.2 | 1.6 | 18.2 | -6.2 | 9.0 |
| Transportation equipment | -16.1 | -20.7 | 10.4 | 26.5 | -3.6 | 17.1 |

China (including Hong Kong)

| Number of employees | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -0.5 | -0.2 | 9.4 | 9.9 | 5.2 | 5.4 |
| Chemicals | -6.0 | 0.0 | 7.3 | 13.3 | 10.5 | 10.5 |
| General-purpose machinery | 5.2 | 1.7 | 4.4 | -0.8 | 5.1 | 3.4 |
| Electrical machinery | -7.3 | -2.9 | 9.8 | 17.1 | -2.7 | 0.2 |
| Transportation equipment | 4.6 | 9.6 | 21.7 | 17.1 | 17.1 | 7.5 |

Europe

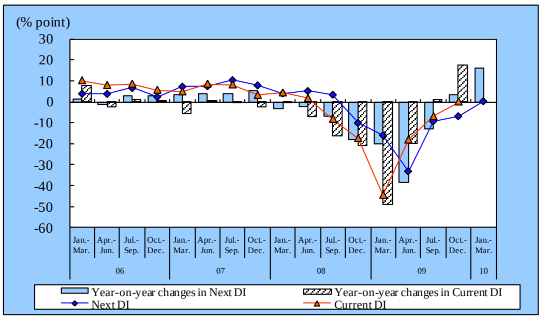
| Number of employees | Survey of previous year (Jul.-Sep. 2008) | | Survey of present term (Jul.-Sep. 2009) | | | |
|---|---|---|---|---|---|---|
| | Current | Next | Current | | Next | |
| | Oct.-Dec. '08 | Jan.-Mar. '09 | Oct.-Dec. '09 | Year-on-year changes | Jan.-Mar. '10 | Year-on-year changes |
| Manufacturing sector, total | -12.4 | -10.7 | -7.0 | 5.4 | -4.3 | 6.4 |
| Chemicals | 2.5 | -5.3 | -12.8 | -15.3 | -10.3 | -5.0 |
| General-purpose machinery | -6.9 | -13.8 | -1.6 | 5.3 | -3.3 | 10.5 |
| Electrical machinery | -11.1 | -12.9 | -5.9 | 5.2 | -5.9 | 7.0 |
| Transportation equipment | -26.2 | -18.4 | -4.7 | 21.5 | -1.3 | 17.1 |

## ●North America

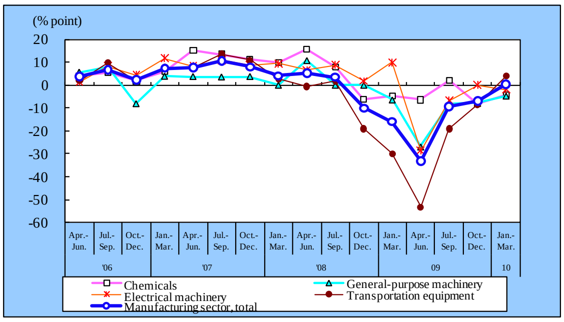
The Current DI stood at 0.0. This was a year-on-year increase of 17.4 points, showing improvements from a 1.2-point increase in the previous survey.

The Next DI posted a positive figure of 0.4. This was a year-on-year increase of 16.3, marking improvements from a 3.2-point increase in the previous survey. All four major industry groups except electrical machinery showed improvements from the previous survey. Transportation equipment (3.9) posted a year-on-year increase of 33.9 points, general-purpose machinery (minus 4.7) 1.7 points, and chemicals (minus 4.2) 0.5 points, while electrical machinery (minus 1.8) suffered a year-on-year fall of 11.8 points.

**Number of Employees DI**




**Next DI for Number of Employees (by industry)**

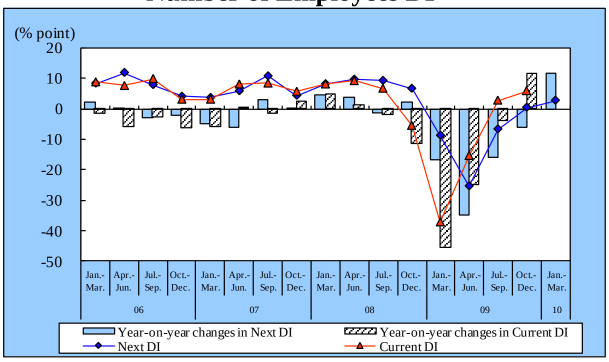



## ●ASEAN4

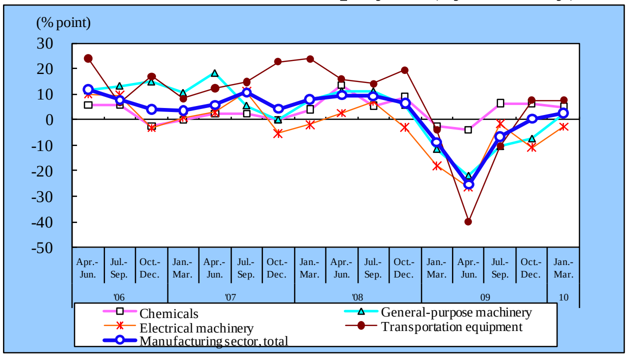
The Current DI stood at 5.9, marking its second straight quarter of positive figures. This was a year-on-year increase of 11.4 points, showing improvements from a 3.9-point fall in the previous survey.

The Next DI posted its second straight quarter of positive figures at 2.7. This was a year-on-year increase of 11.5, marking improvements from a 6.2-point fall in the previous survey. All four major industry groups showed improvements from the previous survey, with electrical machinery (minus 2.7) posting a year-on-year increase of 15.3 points, general-purpose machinery (2.6) 14.1 points, transportation equipment (7.7) 11.6 points, and chemicals (5.0) 7.5 points.

**Number of Employees DI**




**Next DI for Number of Employees (by industry)**

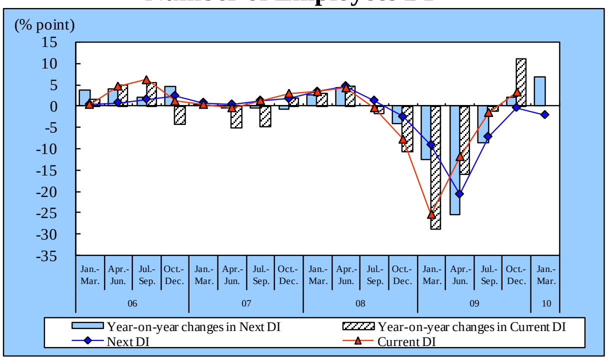



## ●NIEs3

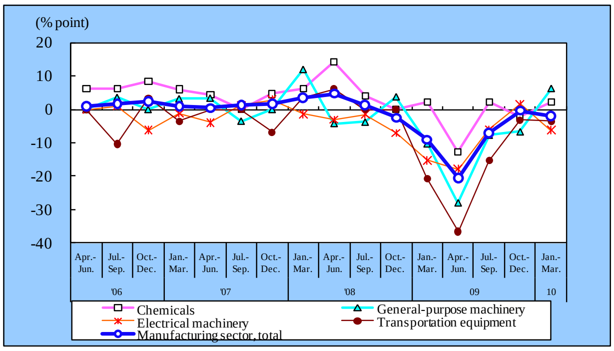
The Current DI posted a positive figure of 3.3. This was a year-on-year increase of 11.1 points, showing improvements from a 1.1-point fall in the previous survey.

The Next DI posted a negative figure of minus 2.1. This was a year-on-year increase of 7.0 points, marking improvements from a 2.1-point increase in the previous survey. Compared with the same quarter of the previous year, transportation equipment (minus 3.6) was up 17.1 points, general-purpose machinery (6.3) up 16.6 points, electrical machinery (minus 6.2) up 9.0 points, and chemicals (2.2) remained unchanged at 0.0 point. All four major industry groups showed improvements from the previous survey.

**Number of Employees DI**




**Next DI for Number of Employees (by industry)**

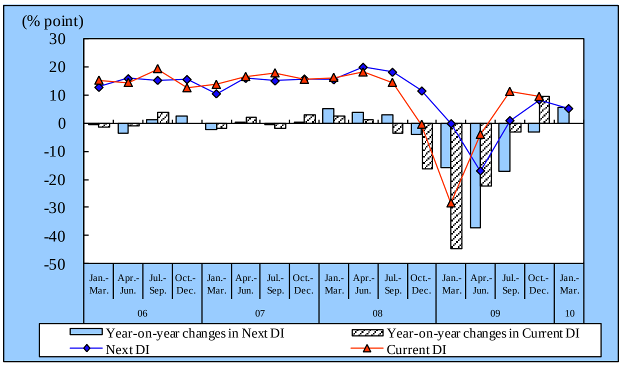


## ●China (including Hong Kong)

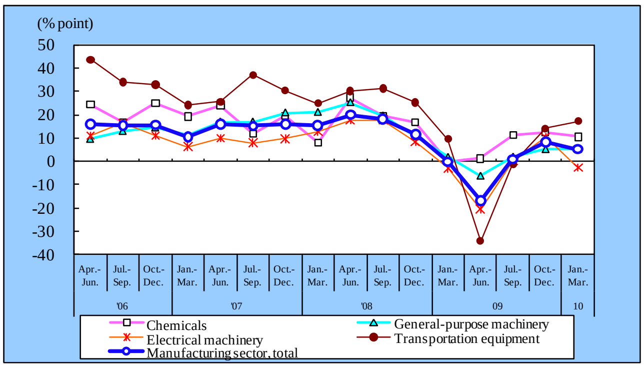
The Current DI posted a positive figure of 9.4. This was a year-on-year increase of 9.9 points, showing improvements from a 3.2-point fall in the previous survey.

The Next DI posted a positive figure of 5.2. This was a year-on-year increase of 5.4 points, marking improvements from a 3.2-point fall increase in the previous survey. All four major industry groups recorded year-on-year increases, with transportation equipment (17.1) posting 7.5 points, general-purpose machinery (5.1) 3.4 points, chemicals (10.5) 10.5 points, and electrical machinery (minus 2.7) 0.2 points. All except electrical machinery showed improvements from the previous survey.

**Number of Employees DI**




**Next DI for Number of Employees (by industry)**

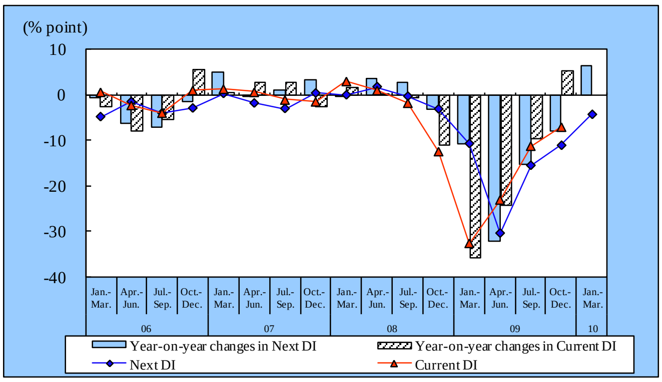



## ●Europe

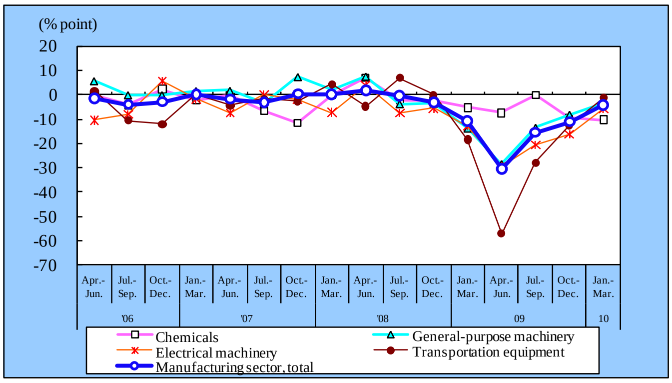
The Current DI remained at a negative figure of minus 7.0. This was a year-on-year increase of 5.4 points, showing improvements from a 9.5-point fall in the previous survey.

The Next DI remained at a negative figure of minus 4.3. This was a year-on-year increase of 6.4 points, marking improvements from an 8.0-point fall increase in the previous survey. All four major industry groups showed improvements from the previous survey, with transportation equipment (minus 1.3) posting a year-on-year increase of 17.1 points, general-purpose machinery (minus 3.3) 10.5 points, and electrical machinery (minus 5.9) 7.0 points, while chemicals (minus 10.3) posting a year-on-year fall of 5.0 points.

**Number of Employees DI**




**Next DI for Number of Employees (by industry)**



## 2. Actual Results
### (1) Trends in Sales

○ Sales (in U.S. dollars) fell 15.0% from the same quarter of the previous year, slowing the pace of contraction after hitting bottom in the January–March quarter 2009. Europe (down 23.1% year-on-year), North America (down 18.9% year-on-year), and Asia (down 9.7% year-on-year) saw a slowdown in the pace of contraction.

**Chart 2-1 Sales (by industry, in U.S. dollars, year-on-year comparison)**

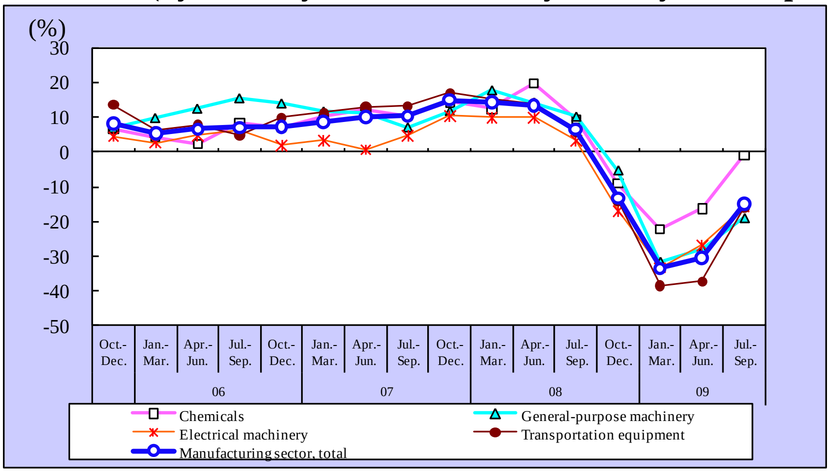



**Chart 2-2 Sales (by region, in U.S. dollars, year-on-year comparison)**

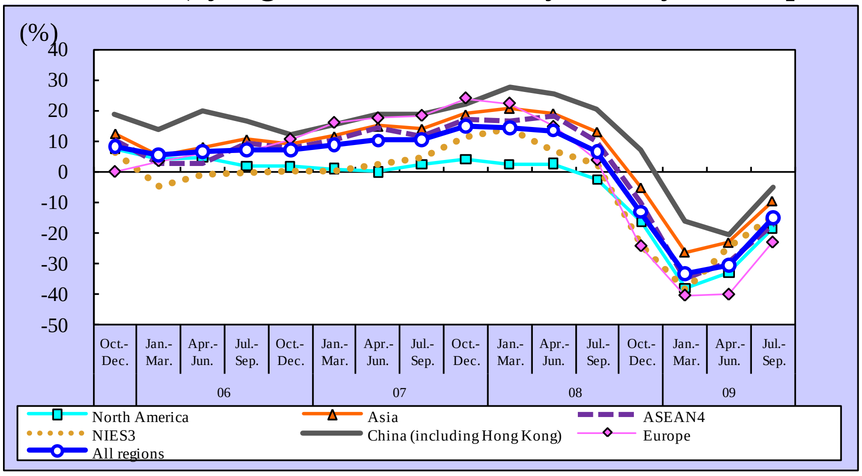
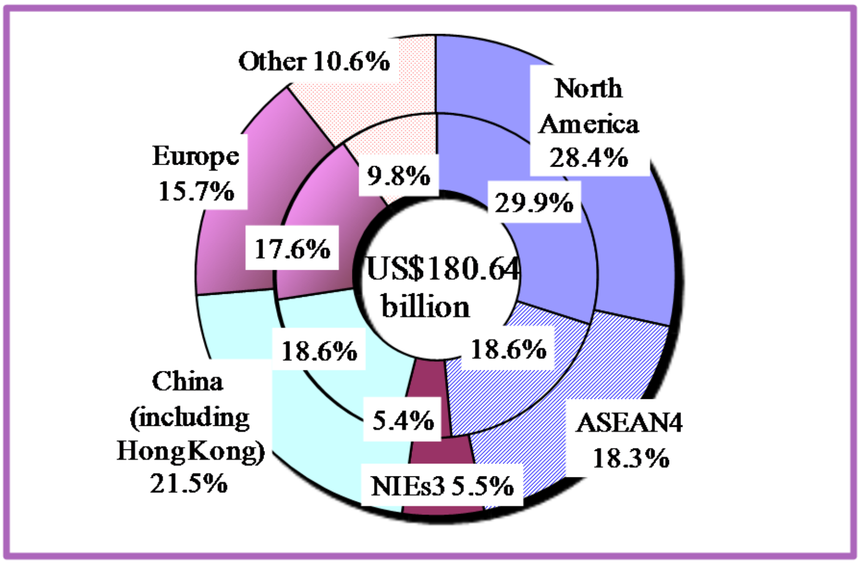



**Chart 2-3 Sales (by region, in U.S. dollars, composition ratio)**




*** The outer parts of the pie chart represent data for April–June 2009. The inner parts represent data for April–June 2008. The center represents the actual results for April–June 2009.**
*** Total may not match due to rounding off.**

Sales amounted to US$180.64766 billion, down 15.0% from the same quarter of the previous year. This was the fourth straight quarter of double-digit falls, but the pace of contraction is easing after hitting bottom in the January–March quarter 2009.

By industry, all four major industry groups reported falls for the fourth straight quarter running, but saw a slowdown in the pace of contraction.

By region, all regions except other Asian countries recorded falls, but saw a slowdown in the pace of contraction.

## Table 7 Sales (by region/industry)

| By industry | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 6.5 | -13.2 | -33.5 | -30.5 | -15.0 |
| Chemicals | 9.5 | -8.9 | -22.3 | -16.3 | -0.9 |
| General-purpose machinery | 10.2 | -5.3 | -31.7 | -28.1 | -19.1 |
| Electrical machinery | 3.3 | -17.0 | -33.4 | -26.9 | -15.8 |
| Transportation equipment | 5.7 | -14.2 | -38.6 | -37.2 | -16.0 |

| By region | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| All regions, total | 6.5 | -13.2 | -33.5 | -30.5 | -15.0 |
| ・North America | -2.6 | -16.4 | -38.3 | -33.0 | -18.9 |
| ・Asia | 13.1 | -5.3 | -26.6 | -23.4 | -9.7 |
| ASEAN4 | 10.0 | -10.2 | -35.1 | -29.3 | -17.1 |
| NIEs3 | 2.2 | -24.2 | -38.6 | -24.6 | -14.6 |
| China (including Hong Kong) | 20.5 | 6.8 | -16.1 | -20.5 | -5.0 |
| ・Europe | 3.7 | -24.3 | -40.4 | -40.1 | -23.1 |

## Table 8 Sales (for major industry groups by region)

North America

| Sales | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | -2.6 | -16.4 | -38.3 | -33.0 | -18.9 |
| Chemicals | 9.8 | 4.1 | -16.3 | -8.9 | 8.5 |
| General-purpose machinery | 6.9 | 4.6 | -28.6 | -25.8 | -26.6 |
| Electrical machinery | -5.6 | -14.7 | -22.8 | -26.7 | -16.0 |
| Transportation equipment | -7.5 | -25.5 | -51.9 | -41.8 | -22.1 |

Asia

| Sales | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 13.1 | -5.3 | -26.6 | -23.4 | -9.7 |
| Chemicals | 12.5 | -20.3 | -31.7 | -18.2 | -4.2 |
| General-purpose machinery | 15.6 | -1.0 | -26.8 | -22.8 | -10.7 |
| Electrical machinery | 5.6 | -13.7 | -36.6 | -24.0 | -12.5 |
| Transportation equipment | 19.8 | 4.8 | -18.7 | -24.6 | -6.2 |

ASEAN4

| Sales | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 10.0 | -10.2 | -35.1 | -29.3 | -17.1 |
| Chemicals | 13.3 | -23.0 | -35.4 | -26.1 | -14.6 |
| General-purpose machinery | 18.4 | 0.7 | -38.2 | -26.2 | -14.1 |
| Electrical machinery | 2.1 | -18.9 | -39.5 | -23.9 | -12.3 |
| Transportation equipment | 14.6 | -3.8 | -33.9 | -34.9 | -20.4 |

NIEs3

| Sales | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 2.2 | -24.2 | -38.6 | -24.6 | -14.6 |
| Chemicals | 13.7 | -31.1 | -37.9 | -25.8 | -11.5 |
| General-purpose machinery | 14.3 | -7.7 | -32.0 | -20.2 | -24.1 |
| Electrical machinery | -1.8 | -27.2 | -47.2 | -22.8 | -17.1 |
| Transportation equipment | -30.6 | -33.0 | -42.0 | -25.7 | 12.9 |

China (including Hong Kong)

| Sales | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 20.5 | 6.8 | -16.1 | -20.5 | -5.0 |
| Chemicals | 13.6 | 13.5 | -13.0 | -17.1 | 1.7 |
| General-purpose machinery | 14.8 | -1.7 | -21.5 | -23.4 | -8.9 |
| Electrical machinery | 10.1 | -5.9 | -31.2 | -24.7 | -11.4 |
| Transportation equipment | 39.4 | 29.0 | 0.9 | -15.8 | 4.4 |

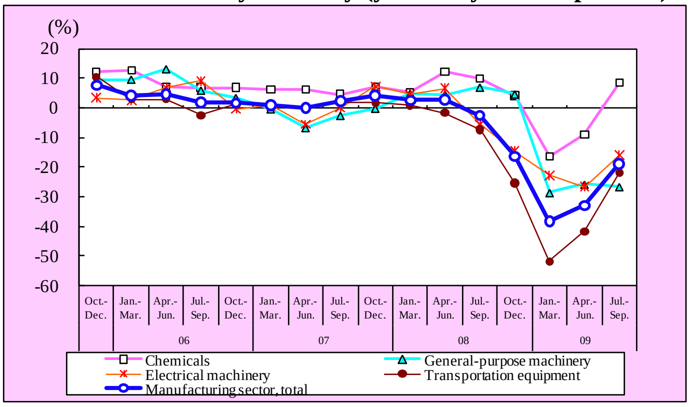
Europe

| Sales | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 3.7 | -24.3 | -40.4 | -40.1 | -23.1 |
| Chemicals | 4.6 | -3.1 | -13.1 | -20.2 | -5.0 |
| General-purpose machinery | 1.3 | -24.1 | -43.2 | -40.0 | -29.2 |
| Electrical machinery | 5.8 | -25.4 | -35.1 | -35.6 | -30.9 |
| Transportation equipment | 0.8 | -31.0 | -53.3 | -51.7 | -25.5 |

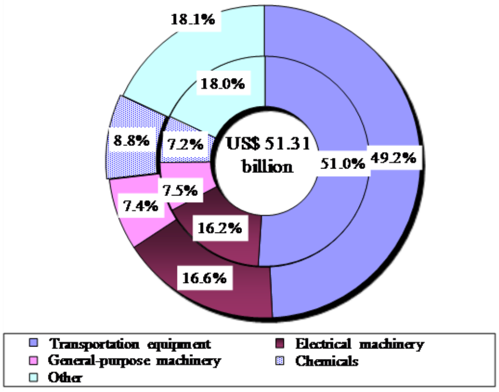
## ●North America

Sales fell 18.9% year-on-year to US$51.31332 billion (28.4% of total sales in all regions), down for the fifth straight quarter, but easing the pace of contraction. All four major industry groups except chemicals (up 8.5% year-on-year) posted double-digit falls. General-purpose machinery (down 26.6% year-on-year) fell for the third straight quarter, as did transportation equipment (down 22.1% year-on-year) and electrical machinery (down 16.0% year-on-year) for the sixth straight quarter and the fifth straight quarter, respectively.

**Actual Results by Industry (year-on-year comparison)**



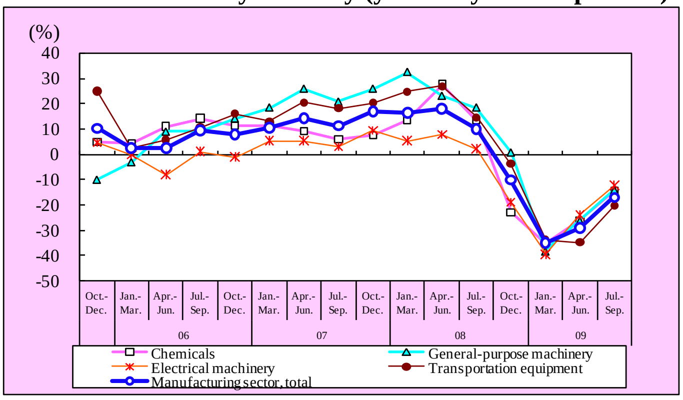

**Composition Ratio by Industry**



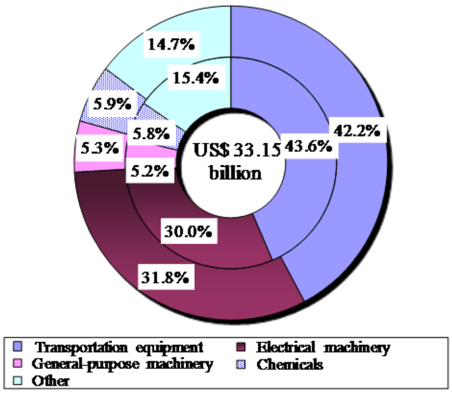

## ●ASEAN4

Sales fell 17.1% year on-year to US$33.14628 billion (18.3% of total sales in all regions), recording its fourth straight quarter of double-digit falls. All industries in the manufacturing sector reported falls, with particularly significant double-digit falls suffered by the four major industry groups. Transportation equipment (down 20.4% year-on-year), chemicals (down 14.6% year-on-year), and electrical machinery (down 12.3% year-on-year) reported their fourth straight quarter of falls, while general-purpose machinery (down 14.1% year-on-year) fell for the third quarter running.

**Actual Results by Industry (year-on-year comparison)**



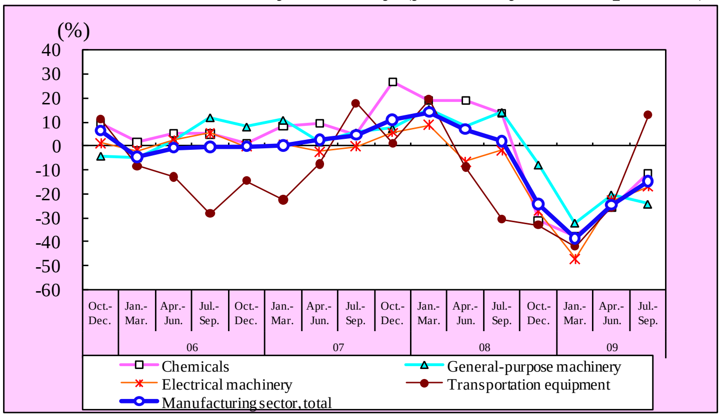

**Composition Ratio by Industry**



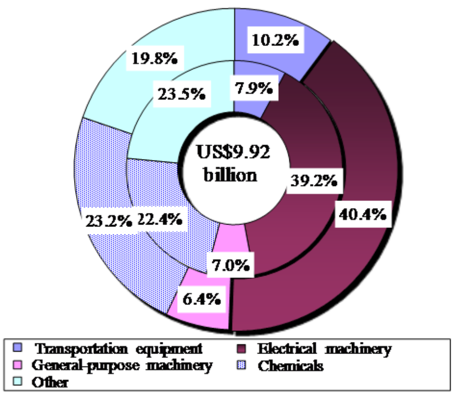

## ●NIEs3

Sales fell 14.6% year on-year to US$9.91818 billion (5.5% of total sales in all regions), recording its fourth straight quarter of double-digit falls. All four major industry groups except transportation equipment (up 12.9% year-on-year) reported double-digit falls. Electrical machinery (down 17.1% year-on-year) fell for the sixth straight quarter, while general-purpose machinery (down 24.1% year-on-year) and chemicals (down 11.5% year-on-year) reported their fourth straight quarter of falls.

**Actual Results by Industry (year-on-year comparison)**



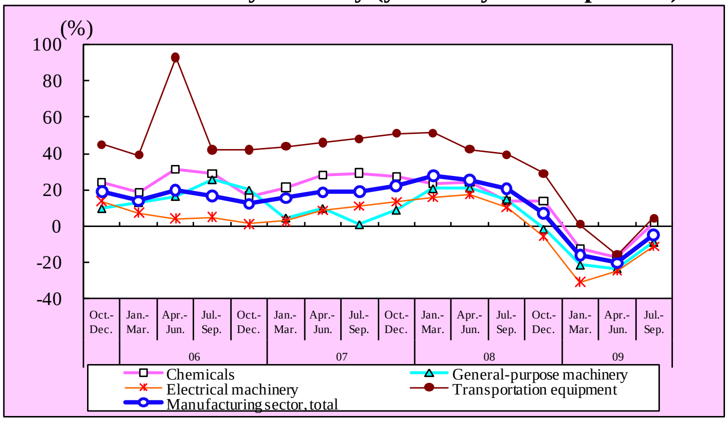

**Composition Ratio by Industry**



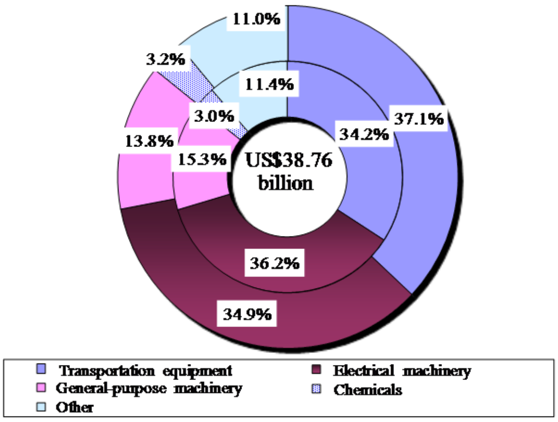
## ●China (including Hong Kong)

Sales fell 5.0% year-on-year to US$38.75523 billion (21.5% of total sales in all regions), down for the third straight quarter, but easing the pace of contraction. Among the four major industry groups, transportation (up 4.4% year-on-year), which in the previous quarter registered its first fall since the survey began, showed a rebound, and chemicals (up 1.7% year-on-year) posted its first growth in three quarters. Conversely, electrical machinery (down 11.4% year-on-year) and general-purpose machinery (down 8.9% year-on-year) reported their fourth straight quarter of falls.

**Actual Results by Industry (year-on-year comparison)**



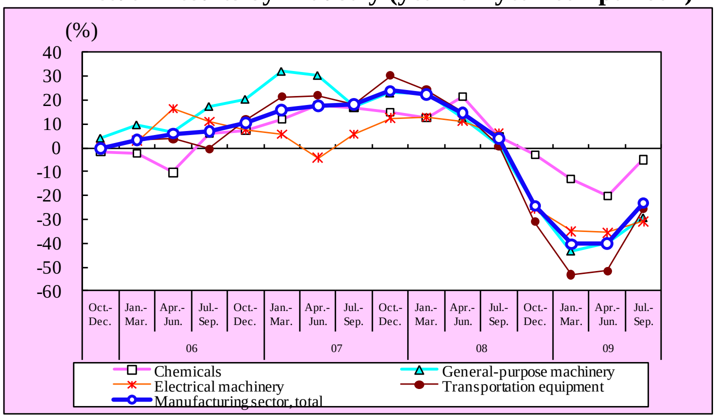

**Composition Ratio by Industry**



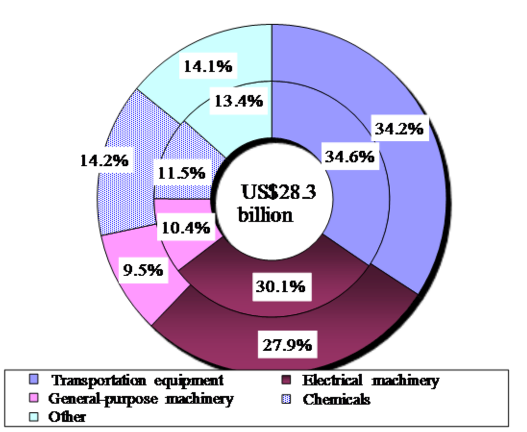

## ●Europe

Sales amounted to US$28.3398 billion (15.7% of total sales in all regions), down 23.1% from the same quarter of the previous year. This was the biggest fall among all regions, but the pace of contraction eased. All industries in the manufacturing sector reported falls. The four major industry groups—electrical machinery (down 30.9% year-on-year), general-purpose machinery (down 29.2% year-on-year), transportation equipment (down 25.5% year-on-year), and chemicals (down 5.0% year-on-year)—reported their fourth straight quarter of falls.

**Actual Results by Industry (year-on-year comparison)**




**Composition Ratio by Industry**

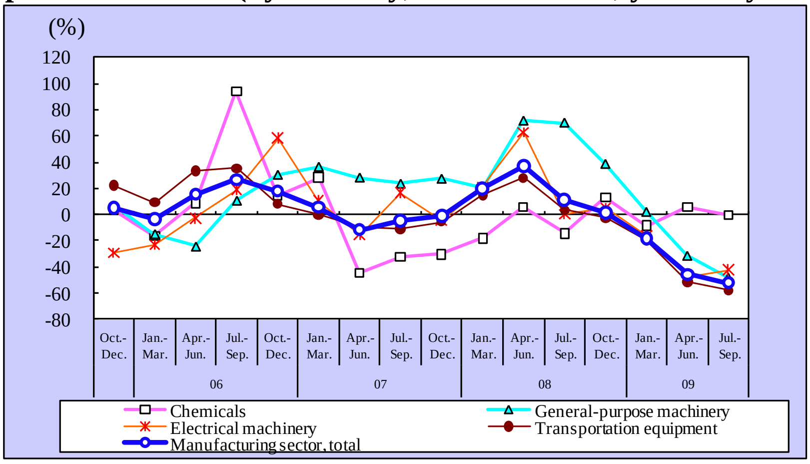


## (2) Trends in Capital Investment

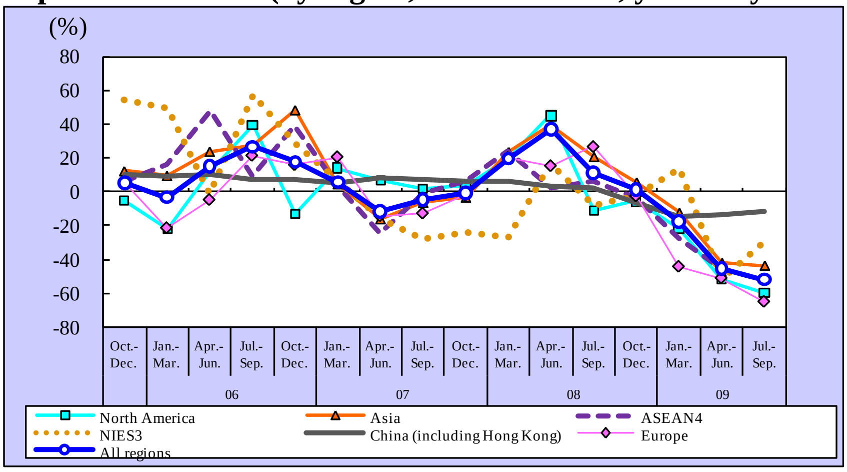
○ Capital investment (in U.S. dollars) fell 52.0% from the same quarter of the previous year, marking the biggest fall on record.(*7) Europe (down 64.8% year-on-year), North America (down 59.6% year-on-year), Asia (down 43.8% year-on-year) recorded falls.

Note:
(*7) Since the U.S. dollar-based quarterly year-on-year changes were first published, starting with the April–June quarter of 2002.

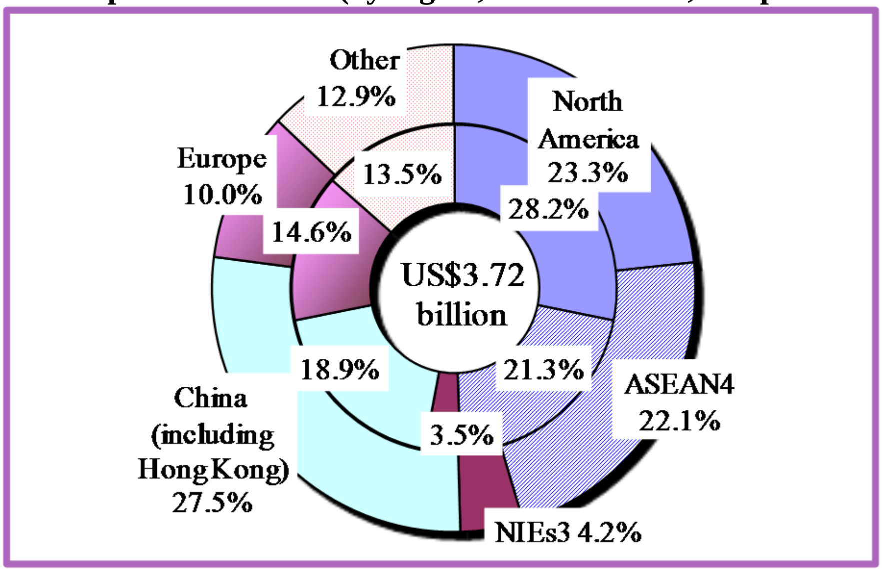
### Chart 2-4 Capital Investment (by industry, in U.S. dollars, year-on-year comparison)




### Chart 2-5 Capital Investment (by region, in U.S. dollars, year-on-year comparison)




### Chart 2-6 Capital Investment (by region, in U.S. dollars, composition ratio)




*** The outer parts of the pie chart represent data for April–June 2009. The inner parts represent data for April–June 2008. The center represents the actual results for April–June 2009.**
*** Total may not match due to rounding off.**

Capital investment (the acquisition price of tangible fixed assets excluding land) amounted to US$3.72292 billion, marking a record fall of 52.0% from the same quarter of the previous year.

By industry, all industries in the manufacturing sector except chemicals (down 0.5% year-on-year) reported sharp falls of more than 30%. Among the four major industry groups, transportation equipment (down 57.8% year-on-year) reported a fall for the fourth straight quarter, as did electrical machinery (down 42.3% year-on-year) and general-purpose machinery (down 47.8% year-on-year) for the third straight quarter and for the second straight quarter, respectively. Chemicals (down 0.5% year-on-year) fell for the first time in two quarters.

By region, all regions, except China (down 33.6% year-on-year) and NIEs (down 30.2% year-on-year), reported sharp falls of more than 50%. Europe (down 64.8% year-on-year) suffered the steepest fall of all regions.

## Table 9 Capital Investment (by region/industry)

| By industry | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 10.9 | 1.4 | -17.9 | -45.6 | -52.0 |
| Chemicals | -14.5 | 12.9 | -8.4 | 5.9 | -0.5 |
| General-purpose machinery | 70.0 | 38.6 | 2.1 | -31.3 | -47.8 |
| Electrical machinery | 0.4 | 5.3 | -16.1 | -47.1 | -42.3 |
| Transportation equipment | 3.4 | -2.6 | -19.6 | -51.4 | -57.8 |

| By region | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| All regions, total | 10.9 | 1.4 | -17.9 | -45.6 | -52.0 |
| ・North America | -11.2 | -5.6 | -21.8 | -51.8 | -59.6 |
| ・Asia | 20.9 | 5.7 | -12.4 | -42.2 | -43.8 |
| ASEAN4 | 5.9 | -4.1 | -27.1 | -45.9 | -52.0 |
| NIEs3 | -8.4 | -2.2 | 13.2 | -52.2 | -30.2 |
| China (including Hong Kong) | 32.1 | 12.0 | 1.2 | -28.4 | -33.6 |
| ・Europe | 26.6 | -2.5 | -44.1 | -50.9 | -64.8 |

## Table 10 Capital Investment (for major industry groups by region)

North America

| Capital investment | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | -11.2 | -5.6 | -21.8 | -51.8 | -59.6 |
| Chemicals | 36.5 | 82.9 | 4.3 | 30.7 | -31.9 |
| General-purpose machinery | 46.9 | 0.7 | -0.9 | -0.7 | -20.6 |
| Electrical machinery | 8.5 | 3.9 | 13.1 | -69.9 | -73.4 |
| Transportation equipment | -16.8 | -8.5 | -22.4 | -55.4 | -64.6 |

Asia

| Capital investment | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 20.9 | 5.7 | -12.4 | -42.2 | -43.8 |
| Chemicals | -48.2 | -27.9 | -23.4 | -10.5 | 17.4 |
| General-purpose machinery | 115.6 | 68.5 | 14.6 | -32.5 | -54.0 |
| Electrical machinery | -0.6 | 1.7 | -17.4 | -45.3 | -38.3 |
| Transportation equipment | 20.3 | 5.2 | -14.8 | -50.7 | -46.7 |

ASEAN4

| Capital investment | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 5.9 | -4.1 | -27.1 | -45.9 | -52.0 |
| Chemicals | -35.3 | -28.5 | -52.1 | 73.8 | 20.9 |
| General-purpose machinery | 96.2 | 25.0 | 19.6 | -53.6 | -52.5 |
| Electrical machinery | -25.2 | -18.0 | -18.7 | -57.0 | -53.1 |
| Transportation equipment | -0.6 | 2.6 | -41.8 | -44.0 | -55.9 |

NIEs3

| Capital investment | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | -8.4 | -2.2 | 13.2 | -52.2 | -30.2 |
| Chemicals | -68.4 | -12.1 | 62.7 | -67.8 | 3.8 |
| General-purpose machinery | 193.4 | 25.6 | 64.9 | 113.7 | -34.0 |
| Electrical machinery | -21.0 | -25.1 | -59.9 | -75.0 | -53.2 |
| Transportation equipment | 0.3 | -20.8 | 38.1 | -51.9 | -28.2 |

China (including Hong Kong)

| Capital investment | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 32.1 | 12.0 | 1.2 | -28.4 | -33.6 |
| Chemicals | -38.3 | -43.1 | -26.3 | -53.1 | -30.7 |
| General-purpose machinery | 139.2 | 124.0 | -3.3 | -17.2 | -56.5 |
| Electrical machinery | 40.1 | 25.8 | -6.3 | -32.6 | -25.0 |
| Transportation equipment | 27.7 | -0.3 | 55.5 | -27.4 | -23.6 |

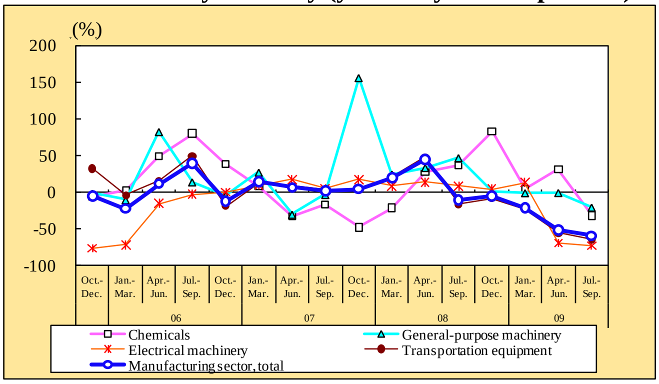
Europe

| Capital investment | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 26.6 | -2.5 | -44.1 | -50.9 | -64.8 |
| Chemicals | 17.5 | 32.9 | 2.2 | 6.5 | 32.4 |
| General-purpose machinery | 8.5 | -3.3 | -41.8 | -42.8 | -47.4 |
| Electrical machinery | -0.3 | 35.1 | -35.7 | -55.7 | -69.7 |
| Transportation equipment | 32.3 | -12.7 | -49.8 | -52.8 | -71.7 |

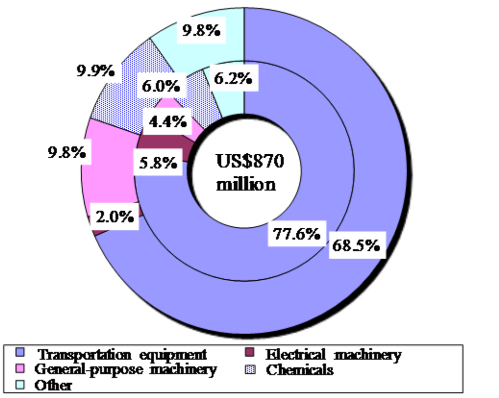
## ●North America

Capital investment fell 59.6% year-on-year to US$867.14 million (23.3% of capital investment in all regions), down for the fifth straight quarter. All four major industry groups reported sharp falls. Electrical machinery (down 73.4% year-on-year) recorded its second straight quarter of falls. Transportation equipment (down 64.6% year-on-year), which accounts for about 70% of the total capital investment, fell for the fifth straight quarter, while general-purpose machinery (down 20.6% year-on-year) fell for the third straight quarter. Chemicals (down 31.9% year-on-year) took a downward turn for the first time in six quarters after showing continuous growth.

**Actual Results by Industry (year-on-year comparison)**



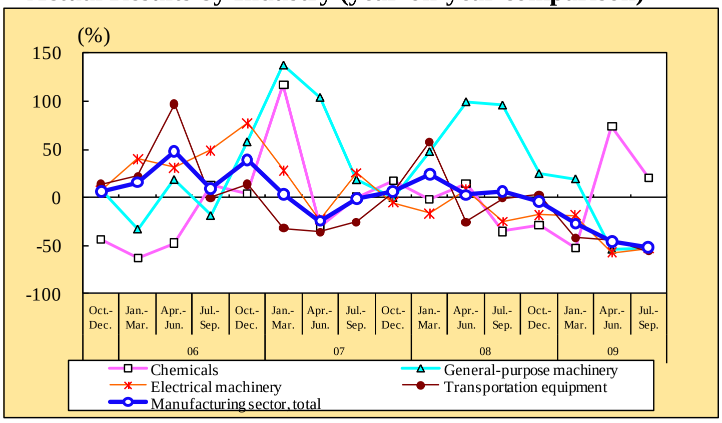

**Composition Ratio by Industry**



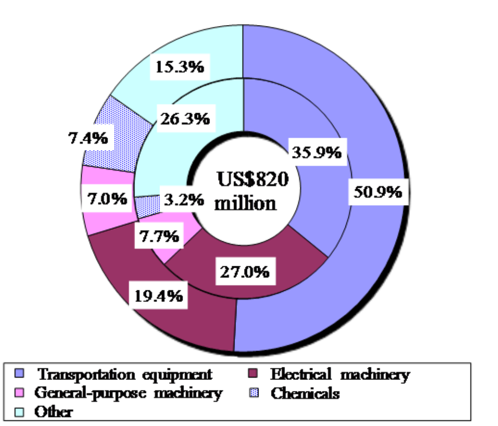

## ●ASEAN4

Capital investment fell 52.0% year-on-year to US$821.88 million (22.1% of capital investment in all regions), down for the fourth straight quarter. All four major industry groups except chemicals (up 20.9% year-on-year) reported sharp falls of more than 50%. Transportation equipment (down 55.9% year-on-year), which account for half the total capital investment, posted its third straight quarter of falls. Electrical machinery (down 53.1% year-on-year) fell for the fifth straight quarter, as did general-purpose machinery (down 52.5% year-on-year) for the second straight quarter.

**Actual Results by Industry (year-on-year comparison)**



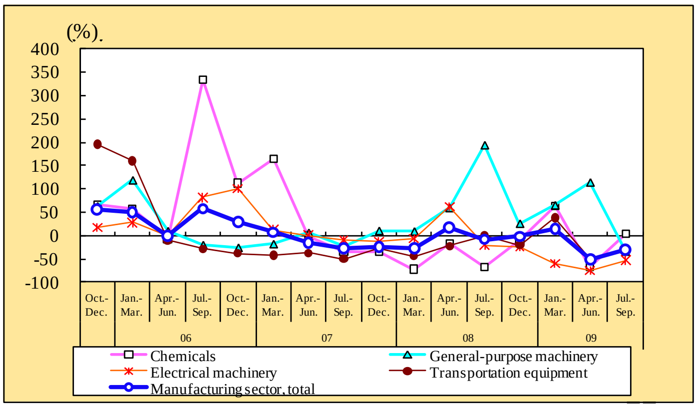

**Composition Ratio by Industry**



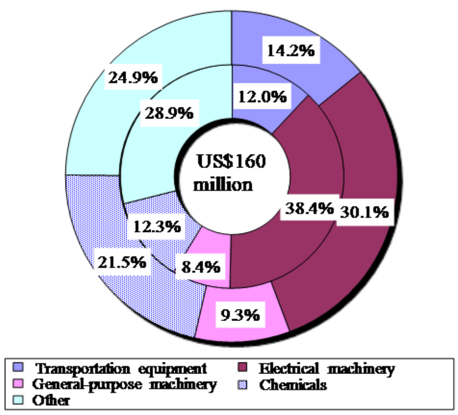

## ●NIEs3

Capital investment fell 30.2% year-on-year to US$156.07 million (4.2% of capital investment in all regions), down for the second straight quarter. All four major industry groups except chemicals (up 3.8% year-on-year) suffered double-digit falls. Electrical machinery (down 53.2% year-on-year) fell for the fifth straight quarter, as did transportation equipment (down 28.2% year-on-year) for the second straight quarter. Meanwhile, general-purpose machinery (down 34.0% year-on-year) took a downward turn for the first time in eight quarters.

**Actual Results by Industry (year-on-year comparison)**



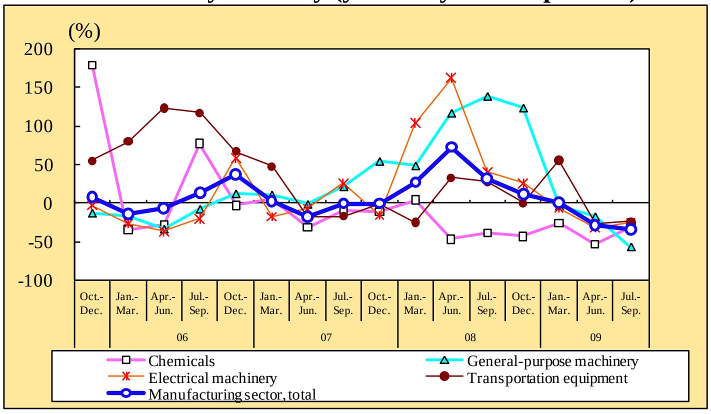

**Composition Ratio by Industry**



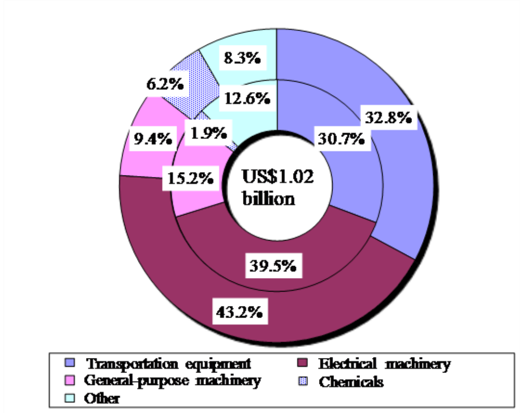
## ●China (including Hong Kong)

Capital investment fell 33.6% year-on-year to US$1.02421 billion (27.5% of capital investment in all regions), down for the second straight quarter. All four major industry groups suffered falls of more than 20%. General-purpose machinery (down 56.5% year-on-year) and electrical machinery (down 25.0% year-on-year) reported their third straight quarter of falls. Chemicals (down 30.7% year-on-year) fell for the sixth straight quarter, as did transportation equipment (down 23.6% year-on-year) for the second straight quarter.

**Actual Results by Industry (year-on-year comparison)**



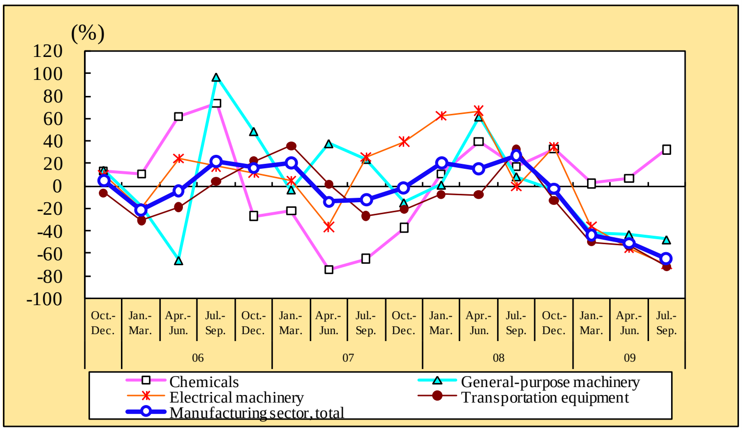

**Composition Ratio by Industry**



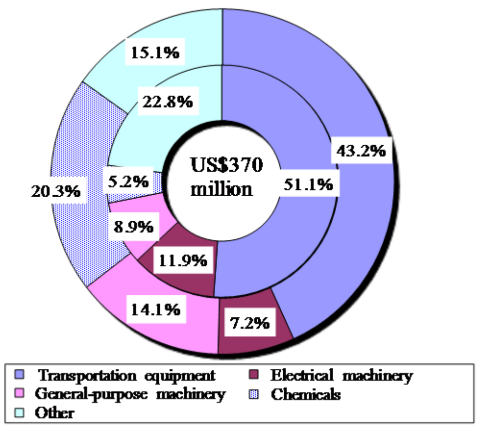

## ●Europe

Capital investment fell 64.8% year-on-year to US$373.17 million (10.0% of capital investment in all regions), marking its sharpest fall on record. All four major industry groups except chemicals (up 32.4% year-on-year), which posted its seventh straight quarter of growth, reported falls. Electrical machinery (down 69.7% year-on-year) fell for the third quarter running, while transportation equipment (down 71.7% year-on-year) and general-purpose machinery (down 47.4% year-on-year) reported their fourth straight quarter of sharp falls.

**Actual Results by Industry (year-on-year comparison)**




**Composition Ratio by Industry**



## (3) Trends in Number of Employees

○ The number of employees fell 10.0% from the same quarter of the previous year, representing its fourth straight quarter of falls. North America (down 12.5% year-on-year), Europe (down 10.0% year-on-year) and Asia (down 9.5% year-on-year) recorded falls.

**Chart 2-7 Number of Employees (by industry, year-on-year comparison)**

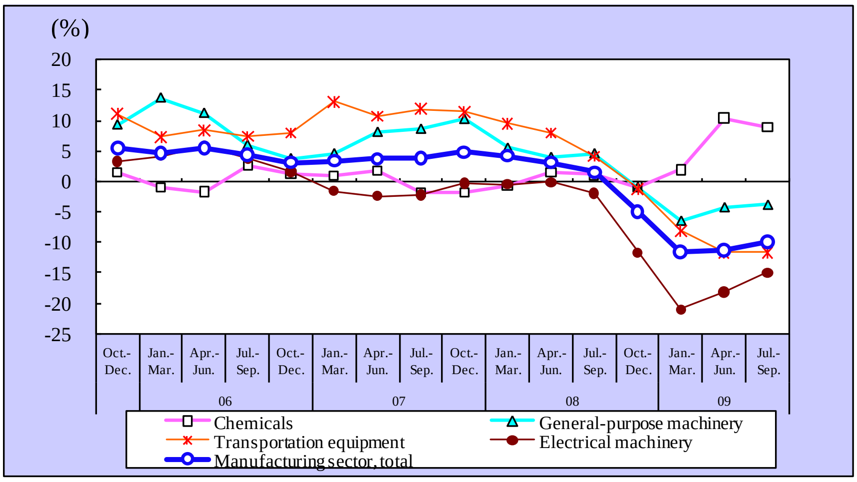



**Chart 2-8 Number of Employees (by region, year-on-year comparison)**

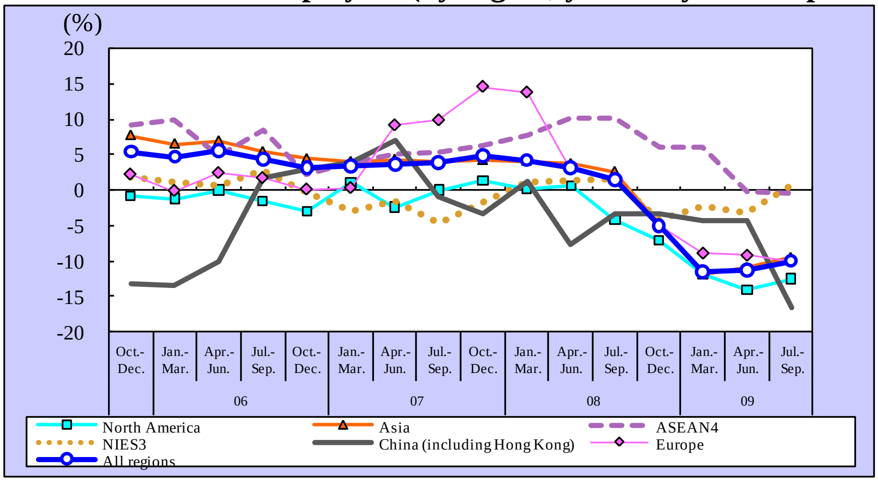
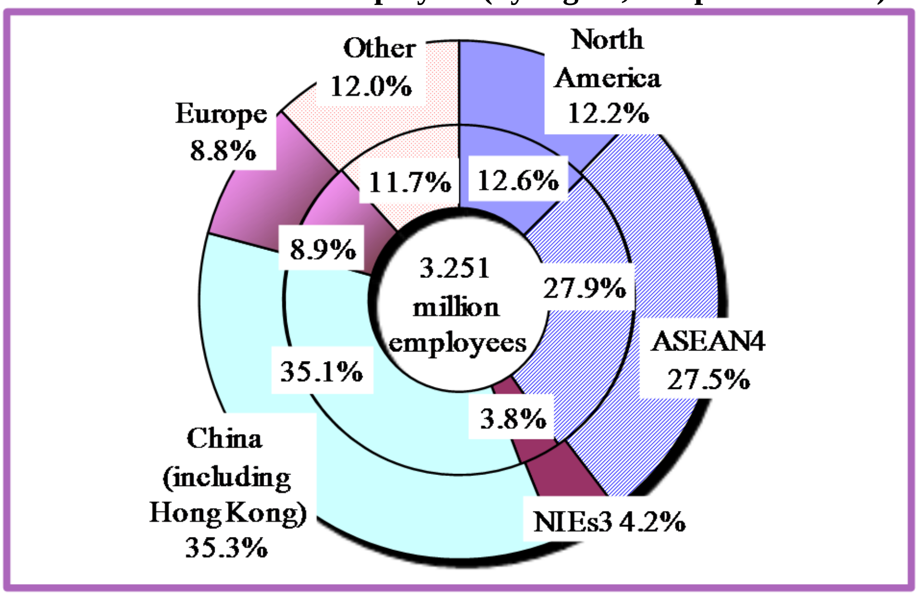



**Chart 2-9 Number of Employees (by region, composition ratio)**




*** The outer parts of the pie chart represent data for April–June 2009. The inner parts represent data for April–June 2008. The center represents the actual results for April–June 2009.**
*** Total may not match due to rounding off.**

The number of employees came to 3,251,000, down 10.0% from the same quarter of the previous year, slowing the pace of contraction slightly.

By industry, all industries in the manufacturing sector, except chemicals, and lumber, pulp, paper and paper products, reported falls. Among the four major industry groups, chemicals (143,000 employees) marked year-on-year growth of 8.9%, up for the third quarter running. Electrical machinery (1,135,000 employees), which accounts for the largest share of employment, reported a year-on-year fall of 15.0%, down for the eleventh straight quarter. Transportation equipment (960,000 employees) and general-purpose machinery (331,000 employees) recorded year-on-year falls of 11.7% and 3.8%, respectively, both showing falls for the fourth straight quarter.

By region, all regions except NIEs3 (up 0.7% year-on-year) reported falls. North America (down 12.5% year-on-year) fell for the fifth straight quarter, so did China (down 11.6% year-on-year) for the fourth straight quarter.

## Table 11 Number of Employees (by region/industry)

| By industry | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 1.5 | -5.0 | -11.5 | -11.3 | -10.0 |
| Chemicals | 1.1 | -0.9 | 1.9 | 10.4 | 8.9 |
| General-purpose machinery | 4.6 | -0.9 | -6.4 | -4.2 | -3.8 |
| Electrical machinery | -2.0 | -11.7 | -21.0 | -18.2 | -15.0 |
| Transportation equipment | 4.1 | -1.2 | -8.1 | -11.7 | -11.7 |

| By region | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| All regions, total | 1.5 | -5.0 | -11.5 | -11.3 | -10.0 |
| ・North America | -4.2 | -7.0 | -11.8 | -14.0 | -12.5 |
| ・Asia | 2.6 | -4.6 | -11.9 | -10.9 | -9.5 |
| ASEAN4 | 0.6 | -5.0 | -12.7 | -11.5 | -10.2 |
| NIEs3 | 1.5 | -4.3 | -2.3 | -3.3 | 0.7 |
| China (including Hong Kong) | 2.1 | -6.6 | -14.5 | -13.6 | -11.6 |
| ・Europe | 1.6 | -5.0 | -8.9 | -9.2 | -10.0 |

## Table 12 Number of Employees (for major industry groups by region)

North America

| Number of employees | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | -4.2 | -7.0 | -11.8 | -14.0 | -12.5 |
| Chemicals | 7.3 | 4.0 | -0.7 | 0.0 | -1.2 |
| General-purpose machinery | -0.1 | -1.2 | -6.0 | -8.6 | -9.1 |
| Electrical machinery | -10.6 | -13.6 | -9.5 | -9.9 | -8.9 |
| Transportation equipment | -8.0 | -10.8 | -18.8 | -22.4 | -20.5 |

Asia

| Number of employees | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 2.6 | -4.6 | -11.9 | -10.9 | -9.5 |
| Chemicals | 0.5 | -1.2 | 5.0 | 18.0 | 16.2 |
| General-purpose machinery | 5.8 | -0.5 | -6.1 | -3.2 | -2.4 |
| Electrical machinery | -1.3 | -11.7 | -22.1 | -19.0 | -15.5 |
| Transportation equipment | 9.7 | 4.8 | -2.2 | -5.9 | -7.4 |

ASEAN4

| Number of employees | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 0.6 | -5.0 | -12.7 | -11.5 | -10.2 |
| Chemicals | -0.9 | -0.9 | 9.8 | 1.1 | -2.7 |
| General-purpose machinery | -1.9 | -9.8 | -14.9 | -4.5 | -1.7 |
| Electrical machinery | -3.4 | -11.2 | -20.6 | -16.8 | -14.9 |
| Transportation equipment | 8.4 | 2.5 | -6.9 | -8.8 | -8.6 |

NIEs3

| Number of employees | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 1.5 | -4.3 | -2.3 | -3.3 | 0.7 |
| Chemicals | 0.1 | 1.4 | 2.0 | 2.0 | 0.1 |
| General-purpose machinery | 4.1 | 2.6 | 3.5 | 5.9 | 6.9 |
| Electrical machinery | 3.0 | -8.4 | -16.7 | -17.3 | -9.1 |
| Transportation equipment | -3.5 | -3.6 | -5.5 | -9.4 | -8.0 |

China (including Hong Kong)

| Number of employees | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 2.1 | -6.6 | -14.5 | -13.6 | -11.6 |
| Chemicals | 0.4 | -2.2 | 1.3 | 1.0 | 2.1 |
| General-purpose machinery | 3.4 | -1.6 | -8.5 | -8.1 | -4.6 |
| Electrical machinery | -1.8 | -13.6 | -24.1 | -21.3 | -16.5 |
| Transportation equipment | 12.8 | 8.7 | 1.7 | -2.0 | -6.2 |

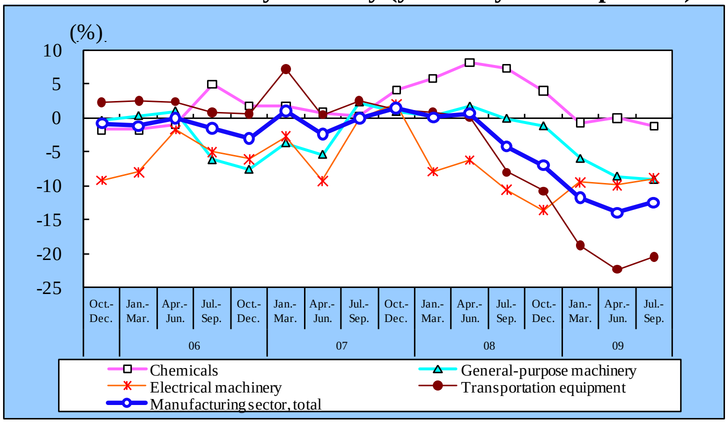
Europe

| Number of employees | Actual results (year-on-year comparison: %) | | | | |
|---|---|---|---|---|---|
| | 08 | | 09 | | |
| | Jul.-Sep. | Oct.-Dec. | Jan.-Mar. | Apr.-Jun. | Jul.-Sep. |
| Manufacturing sector, total | 1.6 | -5.0 | -8.9 | -9.2 | -10.0 |
| Chemicals | -1.3 | -3.1 | -3.3 | -0.6 | -1.9 |
| General-purpose machinery | -1.4 | -4.0 | -10.2 | -6.8 | -9.6 |
| Electrical machinery | -2.8 | -7.9 | -11.0 | -7.0 | -5.1 |
| Transportation equipment | 3.8 | -7.5 | -12.8 | -14.0 | -15.0 |

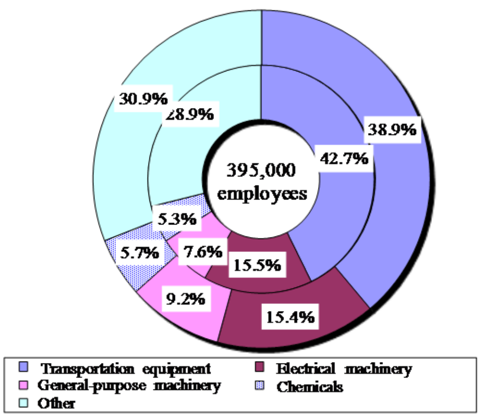
## ●North America

The number of employees fell 12.5% year-on-year to 395,000 (12.2% of total employment in all regions), down for the fifth straight quarter. All four major industry groups reported falls. Transportation equipment (154,000 employees, down 20.5% year-on-year) fell for the fifth straight quarter, as did electrical machinery (61,000 employees, down 8.9% year-on-year) and general-purpose machinery (36,000 employees, down 9.1% year-on-year) for the seventh straight quarter and for the fifth straight quarter, respectively. Meanwhile, chemicals (22,000 employees, down 1.2% year-on-year), which remained unchanged in the previous quarter, recorded a slight fall.

**Actual Results by Industry (year-on-year comparison)**



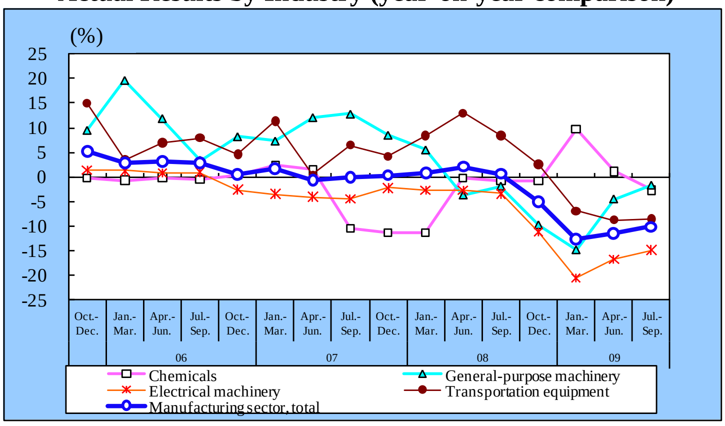

**Composition Ratio by Industry**



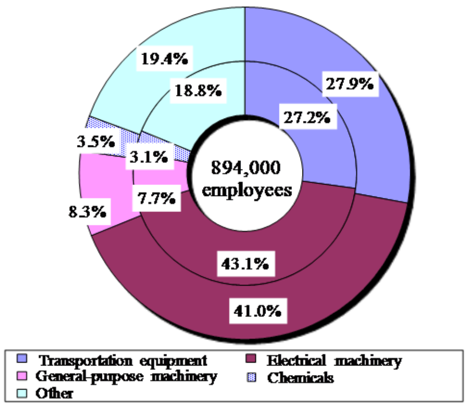

## ●ASEAN4

The number of employees fell 10.2% year-on-year to 894,000 (27.5% of total employment in all regions), down for the fourth straight quarter. Among the four major industry groups, electrical machinery (367,000 employees, down 14.9% year-on-year), which accounts for a large share of employment, reported its 12th straight quarter of falls. Transportation equipment (249,000 employees, down 8.6% year-on-year) and general-purpose machinery (74,000 employees, down 1.7% year-on-year) fell for the third straight quarter and sixth straight quarter, respectively. Chemicals (31,000 employees, down 2.7% year-on-year) posted its first fall in three quarters.

**Actual Results by Industry (year-on-year comparison)**



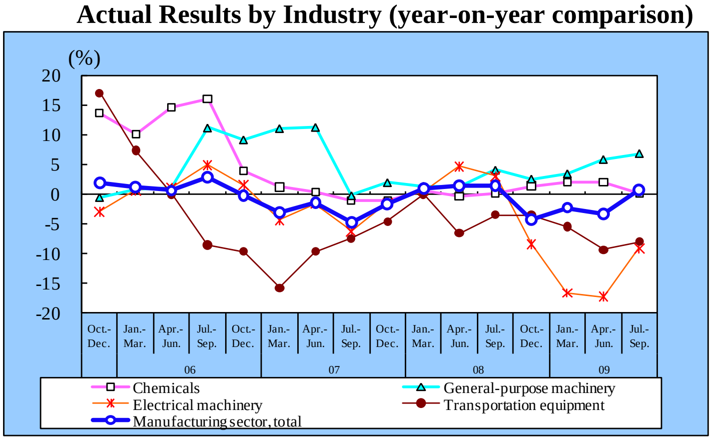

**Composition Ratio by Industry**



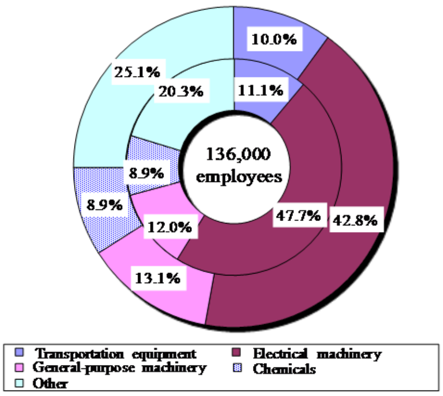

## ●NIEs3

The number of employees increased 0.7% year-on-year to 136,000 (4.2% of total employment in all regions), marking its first growth in four quarters. Among the four major industry groups, electrical machinery (58,000 employees, down 9.1% year-on-year), which accounts for a large share of employment, reported its fourth straight quarter of falls. Transportation equipment (14,000 employees, down 8.0% year-on-year) fell for the sixth quarter running. Conversely, general-purpose machinery (18,000 employees, up 6.9% year-on-year) reported growth for the eighth straight quarter and chemicals (12,000 employees, up 0.1% year-on-year) recorded its fifth straight quarter of growth, however slight.

**Actual Results by Industry (year-on-year comparison)**



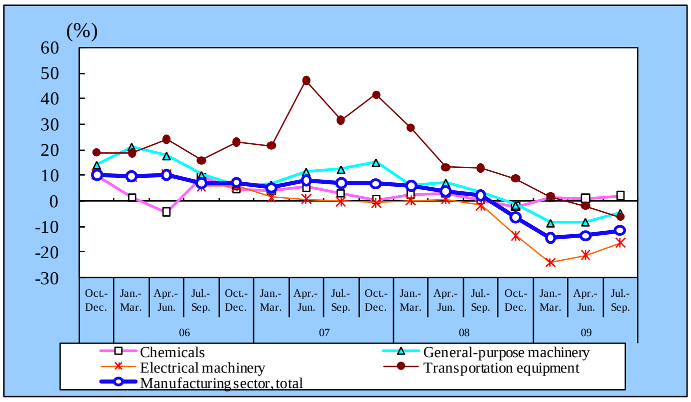

**Composition Ratio by Industry**



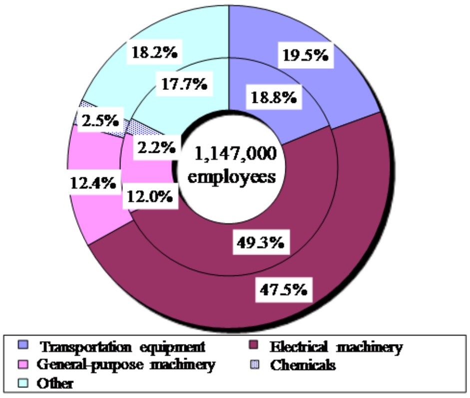
## ●China (including Hong Kong)

The number of employees fell 11.6% year-on-year to 1,147,000 (35.3% of total employment in all regions), down for the fourth straight quarter. All four major industry groups except chemicals (29,000 employees, up 2.1% year-on-year) reported falls. Electrical machinery (544,000 employees, down 16.5% year-on-year), which accounts for roughly half the total employment, recorded its fourth straight quarter of double-digit falls. Transportation equipment (223,000 employees, down 6.2% year-on-year), which used to be a major driver of growth, fell for the second straight quarter, while general-purpose machinery (142,000 employees, down 4.6% year-on-year) fell for the fourth straight quarter.

**Actual Results by Industry (year-on-year comparison)**



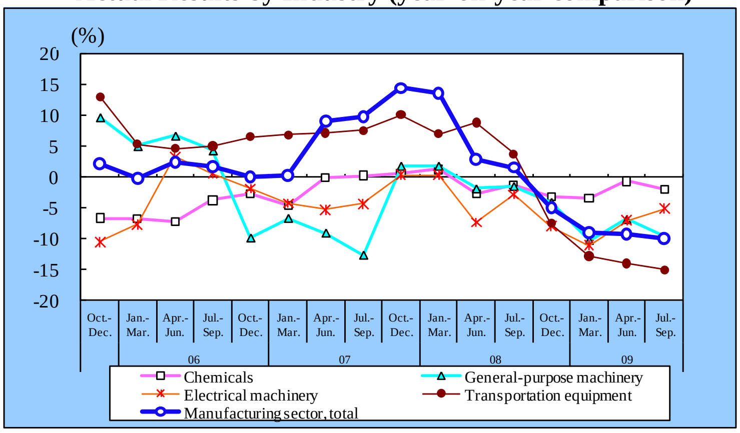

**Composition Ratio by Industry**



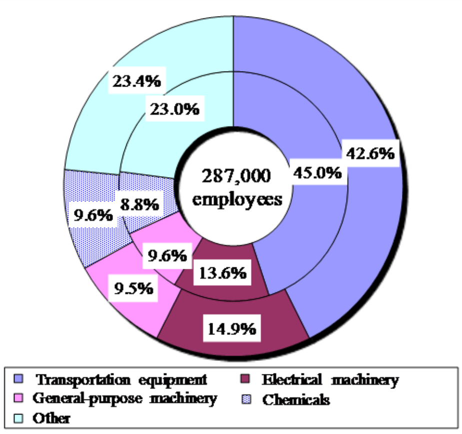

## ●Europe

The number of employees fell 10.0% year-on-year to 287,000 (8.8% of total employment in all regions), down for the fourth straight quarter, accelerating the pace of contraction. Among the four major industry groups, transportation equipment (122,000 employees, down 15.0% year-on-year), which accounts for a large share of employment, accelerated the pace of contraction for the fourth quarter running. General-purpose machinery (27,000 employees, down 9.6% year-on-year), electrical machinery (43,000 employees, down 5.1% year-on-year), and chemicals (27,000 employees, down 1.9% year-on-year) reported their sixth straight quarter of falls.

**Actual Results by Industry (year-on-year comparison)**




**Composition Ratio by Industry**



## <Reference>

1. Classification of countries and regions

The countries (regions) in which overseas subsidiaries are located are classified as follows:

- **North America: United States and Canada**

- **Asia**

  **ASEAN4:** **Indonesia, Thailand, the Philippines, and Malaysia**

  **NIEs3:** **Singapore, Taiwan, and Korea**

  **China (including Hong Kong):** **People's Republic of China (including Hong Kong Special Administrative District)**

  **Other Asian countries:** **( India, Vietnam, Sri Lanka, Pakistan, Bangladesh, Myanmar, and Laos)**

- **Europe: Ireland, United Kingdom, Italy, Ukraine, Austria, the Netherlands, Greece, Sweden, Spain, Slovakia, Serbia and Montenegro, the Czech Republic, Denmark, Germany, Turkey, Hungary, Finland, France, Bulgaria, Belgium, Poland, Portugal, Luxembourg, Romania, and Russia**

- **Other: United Arab Emirates, Argentina, Israel, Uruguay, Venezuela, Egypt, El Salvador, Australia, Costa Rica, Columbia, Samoa, Swaziland, Tanzania, Chile, New Zealand, Brazil, Peru, Mexico, South Africa, and Morocco**

**2**. Changes in the exchange rates of major currencies against the US dollar (Average term rates published by IMF "IFS")

| | 2008 | | 2009 | | |
|---|---|---|---|---|---|
| | Jul.–Sep. | Oct.–Dec. | Jan.–Mar. | Apr.–Jun. | Jul.–Sep. |
| Yen | 107.61 | 96.11 | 93.72 | 97.28 | 93.61 |
| Indonesia (Rupiah) | 9211.7 | 11059.9 | 11637.0 | 10426.0 | 9993.7 |
| Malaysia (Ringgit) | 3.3396 | 3.5652 | 3.6259 | 3.5502 | 3.5207 |
| Philippines (Peso) | 45.508 | 48.435 | 47.750 | 47.882 | 48.149 |
| Thailand (Baht) | 33.851 | 34.833 | 35.291 | 34.678 | 33.915 |
| Republic of Korea (Won) | 1063.69 | 1367.17 | 1412.50 | 1284.05 | 1240.30 |
| Singapore (Dollar) | 1.3968 | 1.4872 | 1.5120 | 1.4728 | 1.4388 |
| Taiwan (Dollar) | 31.1850 | 32.9837 | 33.9823 | 33.1313 | 32.7970 |
| People's Public of China (Yuan) | 6.8399 | 6.8343 | 6.8374 | 6.8297 | 6.8310 |
| Hong Kong (Dollar) | 7.799 | 7.754 | 7.755 | 7.751 | 7.751 |
| United Kingdom (Pound)* | 1.892 | 1.572 | 1.431 | 1.549 | 1.641 |
| Euro Area (Euro) | 0.6661 | 0.7571 | 0.7682 | 0.7352 | 0.6992 |

*US dollars per UK pound

**Source:** INTERNATIONAL FINANCIAL STATISTICS (IMF)

### 3. Record of changes in the content of the survey

●The October-December quarter of 1996, and January-March quarter of 1997

・A test survey was conducted.

●The April-June quarter of 1997

・“Company Trends Survey”started.

・Parent companies and overseas subsidiaries were surveyed. Findings including results of the test survey were published. (Amounts of actual results were calculated on a yen basis.)

・The survey covered companies that met all of the following criteria: number of employees at 50 people or more: Japanese companies with overseas subsidiaries out of manufacturing companies with 40 million yen or more in capital.

・The survey covered overseas subsidiaries owned by covered parent companies that met all of the following criteria: number of employees at 50 people or more: manufacturing companies with a total of 50% or more of their capital coming directly or indirectly from parent companies.

・Survey items

Parent companies (sales, amount of purchase, acquisition price of tangible fixed assets, number of employees, and forecasts for each items for three months later (DI))

Overseas subsidiaries (sales, acquisition price of tangible fixed assets, number of employees, and forecasts for each items for three months later (DI))

・The results of the survey were classified into seven regions for publication. (North America, Asia, ASEAN4, NIEs3, China, other Asia, Europe and others)

●The April-June quarter of 1998

・Survey periods for "amount of acquired tangible fixed assets excluding land" were changed to an every-other quarterly survey; conducted only for the July-September quarter, and the January-March quarter. Amounts of money and forecasts were semi-annually instead of quarterly. (Up to the January-March quarter of 2001).

・The definition of tangible fixed assets was changed from "tangible fixed assets except land completed or acquired “during the relevant term to:

“tangible fixed assets (including construction in progress ) except land that were acquired during the relevant term.

·Quarterly prospects (DI) were also changed to semi-annual survey. (Up to the January-March quarter of 2004).

●The April-June quarter of 1999

・A coefficient of connection was created and publicized for data in and before FY 1997 to maintain consistency with past data, because dropped companies were added to the survey from the April-June quarter of 1998.

· The method to estimate figures for companies that have not submitted data was changed, and results were decided not by the rate of increase compared with the same period of the previous year.

●The April-June quarter of 2001

・·Restructuring and combining of surveys were conducted. The“Company Trends Survey”was renewed by combining the “Industry Economic Trends Survey”with the“Company Trends Survey,” both of which had been under the control of the Ministry of Economy, Trade and Industry.

・ Criteria for covered parent companies were changed to“Companies with 100 million yen or more in capital other than banking and insurance businesses and real estate agents.”

・ The survey items were altered. As for parent companies, only the forecasts were researched. As for overseas subsidiaries the following survey items were added:“Export value for third countries excluding Japan” in the section of the amount of sales and“Export value for parents companies”(and “Import value from parent companies”in the section of the intra company trade.

・Survey periods for "acquisition price of tangible fixed assets except land" were changed back to every quarter from every-other quarter in the July-September quarter to the January-March quarter.

・The“Overseas Affiliated Company Edition”was published separately from the“Parent Company Edition.”

●The April-June quarter of 2002

・A coefficient of connection was created and figures for and before FY 2000 were recalculated and publicized so as to eliminate gaps with past data caused by the changes in the survey items since the April-June quarter of 2001.

・Region/country classifications were revised to separate "China (including Hong Kong)" from "China and other Asian countries". (Survey results for China have been published in time-series tables since FY 1996.)

●The April – June quarter of 2003

・The “Parent Company Survey” in the former “Company Trend Survey” was discontinued. The survey was conducted as the “Quarterly Survey of Overseas Subsidiaries” which focused on overseas subsidiaries conducting manufacturing abroad.

・Criteria for covered overseas subsidiaries were changed from “Companies with a total of “over 50%” of their capital coming directly or indirectly from parent companies” to “Companies with a total of “50” or more of their capital coming directly or indirectly from parent companies. Dropped companies were also added.

・Actual results such as sales started to be published on a dollar basis.

（Amounts are calculated on a dollar basis for and after the April-June quarter of FY 2001 are published in time-series tables.）

●The April – June quarter of 2004

・The period of the forecasts (DI) survey was changed to three months. The former six-month survey period was divided into a period for “current assessment” (forecasts for three months after the survey period) and a period for “prospects” (forecasts for three months after the current assessment). Changes from the previous quarter were published.

Changes from the previous quarter in the Current Assessment DI =
the “Current Assessment”“during the current survey period －the “Current Assessment” during the previous survey period

Changes from the previous quarter in the Prospects DI=
the “Prospects “during the current survey period －the “Prospects” during the previous survey period

・Survey items in the section of the intra company trade (“Export value for parent companies” and “Import value from parent companies”) were deleted.

・Region/country classifications were revised to separate "China" from "China and other Asian countries," and results of eight regions were published.

・Dropped companies are added to the survey for every April-June quarter since the current quarter. Changes from the same quarter of the previous year are calculated not from the actual values but from the total amounts for overseas subsidiaries (including newly established companies), which were surveyed continuously from the previous year.

・The coefficient of connection, which connects results for and before FY 2002 with those for FY 2003, was calculated and published

●The April – June quarter of 2006

・The coefficient of connection, which connects results for before FY 2004 with those for FY 2005, was calculated and published

●The April – June quarter of 2007

・The coefficient of connection, which connects results for and before FY 2005 with those for FY 2006, was calculated and published

●The April – June quarter of 2008

・Changes from the previous quarter in DIs were changed to those from the same quarter of the previous year. Comparisons came to be made between figures for the current quarter and figures for the same quarter of the previous year, regarding Current Assessment DIs and Prospects DIs, respectively. Time-series tables in different sheets show the changes from the previous quarter and from the same quarter of the previous year calculated as before.
・The coefficient of connection, which connects results for and before FY 2006 with those for FY 2007, was calculated and published

## <Appendix table 1> Sales Results (Electrical machinery/Transportation equipment)

(Unit: Values in 10,000 US dollars, year-on-year comparisons = %)

| All regions | Actual results | | | | | | | Year-on-year comparison | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2008 | | 2009 | | | | | 2008 | | 2009 | | |
| | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. |
| Total value of electrical machinery | 19,433,927 | 18,616,829 | 5,226,942 | 4,784,387 | 3,441,927 | P 3,918,512 | P 4,550,287 | 6.6 | -10.3 | 3.3 | -17.0 | -33.4 | P -26.9 | P ▲ 15.8 |
| Electrical machines and apparatuses | 4,330,528 | 3,444,107 | 955,069 | 809,470 | 707,601 | P 792,099 | P 898,100 | 12.9 | -5.2 | 8.0 | -11.8 | -28.1 | P -22.6 | P ▲ 12.2 |
| Information and communications machines and equipment | 8,632,501 | 7,934,794 | 2,166,314 | 2,102,251 | 1,442,615 | P 1,653,822 | P 1,866,982 | 2.7 | -13.1 | ▲ 2.1 | -19.0 | -32.9 | P -28.0 | P ▲ 16.3 |
| Electronic parts and devices | 6,470,898 | 7,237,929 | 2,105,558 | 1,872,666 | 1,291,710 | P 1,472,590 | P 1,785,205 | 8.1 | -9.4 | 7.7 | -16.9 | -36.9 | P -27.7 | P ▲ 17.4 |
| Total value of transportation equipment | 35,732,297 | 33,501,986 | 9,070,197 | 8,222,477 | 6,161,957 | P 6,474,459 | P 7,826,421 | 14.5 | -10.3 | 5.7 | -14.2 | -38.6 | P -37.2 | P ▲ 16.0 |
| Transportation machines and equipment | 25,274,187 | 23,610,316 | 6,345,359 | 5,815,040 | 4,322,923 | P 4,479,505 | P 5,347,538 | 13.4 | -10.8 | 6.2 | -15.2 | -39.1 | P -37.9 | P ▲ 16.6 |
| Parts and accessories for transportation machinery | 10,458,110 | 9,891,670 | 2,724,838 | 2,407,437 | 1,839,034 | P 1,994,955 | P 2,478,882 | 17.5 | -9.1 | 4.3 | -12.2 | -37.3 | P -35.6 | P ▲ 14.5 |

| North America | Actual results | | | | | | | Year-on-year comparison | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2008 | | 2009 | | | | | 2008 | | 2009 | | |
| | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. |
| Total value of electrical machinery | 4,098,599 | 3,833,829 | 1,009,376 | 1,022,663 | 768,845 | P 755,568 | P 851,151 | 1.7 | -10.1 | -5.6 | -14.7 | -22.8 | P -26.7 | P ▲ 16.0 |
| Electrical machines and apparatuses | 774,633 | 483,484 | 133,271 | 113,681 | 104,188 | P 94,954 | P 115,364 | 6.7 | -4.9 | 7.0 | -10.6 | -22.4 | P -28.3 | P ▲ 15.5 |
| Information and communications machines and equipment | 2,654,466 | 2,569,064 | 669,377 | 709,015 | 507,306 | P 497,597 | P 569,492 | -1.0 | -10.8 | -8.0 | -16.3 | -21.5 | P -27.2 | P ▲ 13.9 |
| Electronic parts and devices | 669,500 | 781,281 | 206,728 | 199,967 | 157,352 | P 163,018 | P 166,295 | 7.7 | -11.1 | -5.4 | -10.9 | -26.6 | P -24.1 | P ▲ 20.4 |
| Total value of transportation equipment | 14,306,168 | 11,581,396 | 3,171,300 | 2,857,678 | 1,820,018 | P 2,217,527 | P 2,523,282 | 1.1 | -23.0 | -7.5 | -25.5 | -51.9 | P -41.8 | P ▲ 22.1 |
| Transportation machines and equipment | 10,237,528 | 8,328,493 | 2,260,957 | 2,081,417 | 1,291,578 | P 1,583,685 | P 1,764,315 | -0.2 | -23.8 | -6.8 | -26.4 | -52.5 | P -41.3 | P ▲ 22.1 |
| Parts and accessories for transportation machinery | 4,068,640 | 3,252,903 | 910,343 | 776,261 | 528,440 | P 633,841 | P 758,967 | 4.5 | -21.3 | -9.1 | -23.9 | -50.6 | P -43.0 | P ▲ 22.0 |

| Asia | Actual results | | | | | | | Year-on-year comparison | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2008 | | 2009 | | | | | 2008 | | 2009 | | |
| | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. |
| Total value of electrical machinery | 10,372,355 | 10,402,379 | 3,049,522 | 2,572,873 | 1,844,786 | P 2,359,611 | P 2,851,295 | 8.1 | -8.8 | 5.6 | -13.7 | -36.6 | P -24.0 | P ▲ 12.5 |
| Electrical machines and apparatuses | 3,083,325 | 2,494,534 | 694,346 | 581,740 | 511,008 | P 596,233 | P 673,037 | 14.9 | -4.2 | 7.7 | -10.3 | -27.1 | P -20.4 | P ▲ 9.4 |
| Information and communications machines and equipment | 3,295,102 | 3,045,977 | 891,074 | 780,621 | 460,395 | P 736,706 | P 869,708 | 3.3 | -12.5 | -0.2 | -13.6 | -41.1 | P -24.5 | P ▲ 8.8 |
| Electronic parts and devices | 3,993,928 | 4,861,868 | 1,464,102 | 1,210,512 | 873,382 | P 1,026,672 | P 1,308,550 | 7.4 | -8.8 | 9.0 | -15.8 | -39.5 | P -25.7 | P ▲ 16.0 |
| Total value of transportation equipment | 11,262,348 | 12,864,565 | 3,426,920 | 3,312,927 | 2,745,675 | P 2,632,215 | P 3,333,373 | 30.2 | 6.6 | 19.8 | 4.8 | -18.7 | P -24.6 | P ▲ 6.2 |
| Transportation machines and equipment | 7,058,034 | 8,168,754 | 2,170,036 | 2,093,169 | 1,773,451 | P 1,657,577 | P 2,062,917 | 31.4 | 7.0 | 20.9 | 2.8 | -17.0 | P -24.1 | P ▲ 7.3 |
| Parts and accessories for transportation machinery | 4,204,314 | 4,695,811 | 1,256,884 | 1,219,758 | 972,225 | P 974,638 | P 1,270,456 | 28.3 | 6.0 | 17.7 | 7.8 | -21.6 | P -25.4 | P ▲ 4.4 |

| ASEAN4 | Actual results | | | | | | | Year-on-year comparison | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2008 | | | | 2009 | | | 2008 | | 2009 | | |
| | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. |
| Total value of electrical machinery | 3,852,411 | 3,991,665 | 1,161,216 | 982,191 | 714,967 | P 880,548 | P 1,055,707 | 5.8 | -12.2 | 2.1 | -18.9 | -39.5 | P -23.9 | P ▲ 12.3 |
| Electrical machines and apparatuses | 1,181,726 | 967,449 | 267,757 | 218,741 | 190,783 | P 238,833 | P 259,800 | 16.3 | -4.8 | 8.1 | -11.9 | -30.3 | P -23.3 | P ▲ 12.1 |
| Information and communications machines and equipment | 1,293,407 | 1,119,859 | 350,056 | 285,610 | 164,300 | P 243,110 | P 304,692 | -3.2 | -19.2 | -6.6 | -24.5 | -47.2 | P -23.1 | P ▲ 14.7 |
| Electronic parts and devices | 1,377,277 | 1,904,356 | 543,404 | 477,840 | 359,884 | P 398,605 | P 491,216 | 6.8 | -10.6 | 7.1 | -17.6 | -39.6 | P -24.6 | P ▲ 11.2 |
| Total value of transportation equipment | 5,377,150 | 6,056,832 | 1,686,145 | 1,528,585 | 1,129,668 | P 1,157,754 | P 1,399,478 | 21.0 | -0.9 | 14.6 | -3.8 | -33.9 | P -34.9 | P ▲ 20.4 |
| Transportation machines and equipment | 3,674,160 | 4,241,262 | 1,161,138 | 1,083,207 | 816,378 | P 820,616 | P 977,008 | 21.5 | 0.0 | 15.6 | -3.0 | -31.8 | P -33.3 | P ▲ 19.6 |
| Parts and accessories for transportation machinery | 1,702,990 | 1,815,570 | 525,007 | 445,378 | 313,291 | P 337,138 | P 422,470 | 19.9 | -3.1 | 12.2 | -5.5 | -38.7 | P -38.5 | P ▲ 22.2 |

| NIEs3 | Actual results | | | | | | | Year-on-year comparison | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2008 | | 2009 | | | | | 2008 | | 2009 | | |
| | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. |
| Total value of electrical machinery | 1,710,946 | 1,351,590 | 441,612 | 335,223 | 231,025 | P 299,570 | P 400,375 | 2.8 | -20.7 | -1.8 | -27.2 | -47.2 | P -22.8 | P ▲ 17.1 |
| Electrical machines and apparatuses | 208,887 | 170,061 | 51,992 | 42,967 | 32,951 | P 43,221 | P 52,315 | -3.9 | -24.4 | -11.5 | -20.6 | -38.6 | P 2.3 | P 0.5 |
| Information and communications machines and equipment | 449,624 | 343,652 | 98,177 | 93,178 | 53,003 | P 103,902 | P 120,827 | -8.6 | -22.9 | -12.2 | -22.9 | -48.2 | P -31.4 | P ▲ 17.4 |
| Electronic parts and devices | 1,052,435 | 837,877 | 291,443 | 199,078 | 145,071 | P 152,448 | P 227,232 | 11.7 | -18.7 | 6.2 | -31.1 | -48.6 | P -23.8 | P ▲ 21.0 |
| Total value of transportation equipment | 522,843 | 367,953 | 88,510 | 81,425 | 79,412 | P 90,136 | P 101,266 | 6.8 | -28.8 | -30.6 | -33.0 | -42.0 | P -25.7 | P 12.9 |
| Transportation machines and equipment | 263,955 | 177,281 | 37,759 | 38,501 | 43,621 | P 48,384 | P 51,864 | 12.5 | -28.3 | -36.7 | -27.8 | -39.1 | P -19.2 | P 31.5 |
| Parts and accessories for transportation machinery | 258,888 | 190,672 | 50,752 | 42,925 | 35,791 | P 41,752 | P 49,402 | 1.5 | -29.3 | -24.4 | -37.1 | -45.3 | P -31.9 | P ▲ 1.2 |

| China (including Hong Kong) | Actual results | | | | | | | Year-on-year comparison | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2008 | | 2009 | | | | | 2008 | | 2009 | | |
| | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. |
| Total value of electrical machinery | 4,675,566 | 4,907,092 | 1,401,482 | 1,217,388 | 870,415 | P 1,143,747 | P 1,353,219 | 12.2 | -2.8 | 10.1 | -5.9 | -31.2 | P -24.7 | P ▲ 11.4 |
| Electrical machines and apparatuses | 1,665,026 | 1,328,451 | 367,382 | 313,765 | 280,482 | P 306,173 | P 352,531 | 16.6 | -1.1 | 10.2 | -7.7 | -23.6 | P -21.0 | P ▲ 9.1 |
| Information and communications machines and equipment | 1,474,273 | 1,483,717 | 413,026 | 375,855 | 225,860 | P 368,118 | P 418,403 | 14.5 | -3.3 | 8.5 | 0.7 | -33.2 | P -24.4 | P ▲ 3.3 |
| Electronic parts and devices | 1,536,266 | 2,094,924 | 621,074 | 527,768 | 364,073 | P 469,456 | P 582,285 | 5.3 | -3.7 | 11.1 | -8.8 | -35.6 | P -27.4 | P ▲ 18.0 |
| Total value of transportation equipment | 4,047,104 | 5,158,581 | 1,322,696 | 1,415,399 | 1,217,016 | P 1,048,175 | P 1,436,153 | 49.3 | 25.3 | 39.4 | 29.0 | 0.9 | P -15.8 | P 4.4 |
| Transportation machines and equipment | 2,061,852 | 2,734,965 | 713,972 | 745,735 | 655,166 | P 517,235 | P 716,841 | 60.1 | 32.6 | 50.2 | 31.9 | 7.5 | P -16.6 | P 0.4 |
| Parts and accessories for transportation machinery | 1,985,252 | 2,423,616 | 608,724 | 669,664 | 561,849 | P 530,941 | P 719,311 | 39.3 | 18.5 | 28.0 | 26.7 | -5.9 | P -14.9 | P 9.1 |

| Other Asian countries | Actual results | | | | | | | Year-on-year comparison | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2008 | | 2009 | | | | | 2008 | | 2009 | | |
| | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. |
| Total value of electrical machinery | 133,432 | 152,033 | 45,211 | 38,070 | 28,378 | P 35,746 | P 41,994 | 15.5 | 7.3 | 28.7 | 1.9 | -29.1 | P -14.2 | P ▲ 10.4 |
| Electrical machines and apparatuses | 27,686 | 28,573 | 7,215 | 6,266 | 6,792 | P 8,006 | P 8,390 | 24.1 | 3.2 | 10.5 | -6.0 | -12.1 | P -7.1 | P 9.3 |
| Information and communications machines and equipment | 77,798 | 98,750 | 29,816 | 25,979 | 17,232 | P 21,577 | P 25,786 | 12.3 | 9.2 | 32.6 | 8.7 | -34.9 | P -16.1 | P ▲ 13.5 |
| Electronic parts and devices | 27,949 | 24,710 | 8,180 | 5,826 | 4,354 | P 6,164 | P 7,818 | 16.9 | 5.6 | 35.1 | -13.1 | -29.0 | P -15.4 | P ▲ 16.2 |
| Total value of transportation equipment | 1,315,251 | 1,281,199 | 329,569 | 287,517 | 319,580 | P 336,150 | P 396,477 | 33.5 | -2.8 | 2.8 | -13.8 | -12.0 | P -3.8 | P 18.5 |
| Transportation machines and equipment | 1,058,067 | 1,015,245 | 257,168 | 225,727 | 258,285 | P 271,343 | P 317,205 | 29.5 | -4.0 | -0.7 | -15.4 | -10.6 | P -2.3 | P 21.5 |
| Parts and accessories for transportation machinery | 257,183 | 265,953 | 72,401 | 61,791 | 61,294 | P 64,808 | P 79,272 | 56.4 | 2.5 | 18.2 | -7.2 | -17.2 | P -9.2 | P 7.8 |

| Europe | Actual results | | | | | | | Year-on-year comparison | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2008 | | 2009 | | | | | 2008 | | 2009 | | |
| | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. |
| Total value of electrical machinery | 4,657,264 | 4,130,496 | 1,098,774 | 1,114,788 | 786,997 | P 741,337 | P 790,554 | 7.0 | -13.9 | 5.8 | -25.4 | -35.1 | P -35.6 | P ▲ 30.9 |
| Electrical machines and apparatuses | 426,266 | 425,933 | 116,312 | 102,751 | 83,805 | P 94,177 | P 100,889 | 10.3 | -13.5 | 8.2 | -24.5 | -40.7 | P -28.9 | P ▲ 23.4 |
| Information and communications machines and equipment | 2,548,566 | 2,223,814 | 578,569 | 586,930 | 458,457 | P 392,206 | P 404,910 | 5.1 | -16.3 | 2.1 | -29.2 | -33.7 | P -35.6 | P ▲ 32.2 |
| Electronic parts and devices | 1,682,432 | 1,480,749 | 403,894 | 425,108 | 244,735 | P 254,955 | P 284,756 | 9.2 | -10.2 | 11.0 | -21.1 | -35.7 | P -37.4 | P ▲ 35.8 |
| Total value of transportation equipment | 5,556,499 | 4,663,138 | 1,262,333 | 1,014,315 | 757,590 | P 811,118 | P 967,644 | 23.5 | -20.4 | 0.8 | -31.0 | -53.3 | P -51.7 | P ▲ 25.5 |
| Transportation machines and equipment | 3,967,714 | 3,270,380 | 870,171 | 722,793 | 519,948 | P 527,155 | P 647,448 | 22.1 | -21.7 | 0.2 | -29.9 | -55.1 | P -54.5 | P ▲ 25.6 |
| Parts and accessories for transportation machinery | 1,588,785 | 1,392,758 | 392,162 | 291,522 | 237,642 | P 283,964 | P 320,196 | 27.1 | -17.3 | 2.4 | -33.6 | -48.4 | P -45.0 | P ▲ 25.3 |

| Other | Actual results | | | | | | | Year-on-year comparison | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2008 | | 2009 | | | | | 2008 | | 2009 | | |
| | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. | 2007 | 2008 | Jul. - Sept. | Oct. - Dec. | Jan. - Mar. | Apr. - Jun. | Jul. - Sep. |
| Total value of electrical machinery | 305,709 | 250,125 | 69,269 | 74,063 | 41,299 | P 61,994 | P 57,286 | 17.9 | -7.4 | 10.6 | -20.9 | -28.6 | P -5.3 | P ▲ 19.4 |
| Electrical machines and apparatuses | 46,304 | 40,156 | 11,140 | 11,299 | 8,600 | P 6,736 | P 8,810 | 17.9 | 19.3 | 61.2 | -3.2 | 7.1 | P -26.1 | P ▲ 22.0 |
| Information and communications machines and equipment | 134,367 | 95,938 | 27,294 | 25,685 | 16,458 | P 27,313 | P 22,872 | 21.4 | -12.7 | -1.5 | -25.5 | -33.6 | P 3.1 | P ▲ 16.1 |
| Electronic parts and devices | 125,038 | 114,031 | 30,834 | 37,079 | 16,241 | P 27,945 | P 25,604 | 14.2 | -8.8 | 12.0 | -21.3 | -33.6 | P -6.5 | P ▲ 43.0 |
| Total value of transportation equipment | 4,607,282 | 4,392,887 | 1,209,643 | 1,037,558 | 838,674 | P 813,599 | P 1,002,122 | 20.3 | -3.0 | 17.4 | -12.7 | -31.5 | P -38.6 | P ▲ 17.5 |
| Transportation machines and equipment | 4,010,911 | 3,842,689 | 1,044,195 | 917,661 | 737,946 | P 711,088 | P 872,857 | 18.6 | -2.0 | 18.3 | -11.2 | -30.6 | P -38.5 | P ▲ 16.4 |
| Parts and accessories for transportation machinery | 596,371 | 550,198 | 165,448 | 119,897 | 100,728 | P 102,511 | P 129,264 | 34.1 | -9.0 | 11.6 | -21.2 | -37.6 | P -39.3 | P ▲ 24.6 |

Note: Due to an annual revision made during the April-June quarter, there is a gap between actual results for the current quarter and those for the previous year and before.
Therefore, comparisons between the current quarter and the corresponding quarter of the previous year are calculated by totaling the figures only for overseas subsidiaries (newly established companies are included) continuously subject to the survey since the previous year.
No adjustments have been made to the actual results for each quarter.

**<Appendix table 2] Sales Forecasts (DI) (Electrical machinery/Transportation equip** **(Unit: % point)**

| All regions | DI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jul. - Sept. 2008 survey | | Oct. - Dec. 2008 survey | | Jan. - Mar. 2009 survey | | Apr. - Jun.. 2009 survey | | Jul. - Sept.. 2009 survey | | | |
| | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | | Prospects | |
| | Oct. - Dec. 2008 | Jan. - Mar. 2009 | Jan. - Mar. 2009 | Apr. - Jun. 2009 | Apr. - Jun. 2009 | Jul. - Sept. 2009 | Jul. - Sept. 2009 | Oct. - Dec. 2009 | Oct. - Dec. 2009 | Year-on-year changes | Jan. - Mar. 2010 | Year-on-year changes |
| Total value of electrical machinery | -3.6 | -14.6 | -58.3 | -18.9 | 13.5 | 18.9 | 27.6 | 19.1 | P 19.1 | P 22.7 | P -0.3 | P 14.3 |
| Electrical machines and apparatuses | 3.3 | 2.4 | -33.3 | -7.2 | 5.7 | 11.0 | 13.6 | 24.2 | P 21.1 | P 17.8 | P 10.2 | P 7.8 |
| Information and communications machines and equipment | 8.3 | -16.7 | -56.9 | -21.3 | 12.2 | 11.0 | 13.3 | 3.7 | P 17.7 | P 9.4 | P -10.4 | P 6.3 |
| Electronic parts and devices | -15.6 | -25.4 | -76.6 | -25.9 | 19.8 | 29.3 | 46.7 | 23.7 | P 18.4 | P 34.0 | P -2.7 | P 22.7 |
| Total value of transportation equipment | -26.5 | -21.1 | -65.3 | -44.3 | -7.6 | 5.3 | 25.6 | 19.2 | P 27.0 | P 53.5 | P 19.1 | P 40.2 |
| Transportation machines and equipment | -1.0 | -2.7 | -41.9 | -21.8 | 5.4 | 16.7 | 35.2 | 11.5 | P 19.5 | P 20.5 | P 22.1 | P 24.8 |
| Parts and accessories for transportation machinery | -30.1 | -23.2 | -68.5 | -46.2 | -9.4 | 3.9 | 24.3 | 20.1 | P 28.1 | P 58.2 | P 18.7 | P 41.9 |

| North America | DI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jul. - Sept. 2008 survey | | Oct. - Dec. 2008 survey | | Jan. - Mar. 2009 survey | | Apr. - Jun.. 2009 survey | | Jul. - Sept.. 2009 survey | | | |
| | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | | Prospects | |
| | Oct. - Dec. 2008 | Jan. - Mar. 2009 | Jan. - Mar. 2009 | Apr. - Jun. 2009 | Apr. - Jun. 2009 | Jul. - Sept. 2009 | Jul. - Sept. 2009 | Oct. - Dec. 2009 | Oct. - Dec. 2009 | Year-on-year changes | Jan. - Mar. 2010 | Year-on-year changes |
| Total value of electrical machinery | -6.9 | -11.8 | -54.5 | -32.7 | -5.2 | 8.6 | 10.7 | 2.2 | P 13.8 | P 20.7 | P 3.9 | P 15.7 |
| Electrical machines and apparatuses | 0.0 | 5.6 | -26.3 | -36.8 | -26.3 | -26.3 | -5.2 | 10.5 | P 10.6 | P 10.6 | P 26.3 | P 20.7 |
| Information and communications machines and equipment | 4.7 | -19.0 | -55.5 | -33.3 | 4.8 | 14.3 | 18.8 | -12.5 | P 11.8 | P 7.1 | P -11.8 | P 7.2 |
| Electronic parts and devices | -25.0 | -20.0 | -83.3 | -27.8 | 5.6 | 38.8 | 25.0 | 8.4 | P 20.0 | P 45.0 | P -6.7 | P 13.3 |
| Total value of transportation equipment | -51.0 | -36.9 | -72.4 | -49.5 | -5.2 | 0.0 | 12.0 | 15.3 | P 21.5 | P 72.5 | P 19.4 | P 56.3 |
| Transportation machines and equipment | -22.2 | -7.7 | -63.1 | -25.0 | 16.7 | 7.2 | 16.6 | -7.2 | P -5.5 | P 16.7 | P 35.7 | P 43.4 |
| Parts and accessories for transportation machinery | -54.0 | -39.1 | -73.4 | -51.2 | -7.5 | -0.6 | 11.6 | 17.0 | P 24.3 | P 78.3 | P 18.1 | P 57.2 |

| Asia | DI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jul. - Sept. 2008 survey | | Oct. - Dec. 2008 survey | | Jan. - Mar. 2009 survey | | Apr. - Jun.. 2009 survey | | Jul. - Sept.. 2009 survey | | | |
| | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | | Prospects | |
| | Oct. - Dec. 2008 | Jan. - Mar. 2009 | Jan. - Mar. 2009 | Apr. - Jun. 2009 | Apr. - Jun. 2009 | Jul. - Sept. 2009 | Jul. - Sept. 2009 | Oct. - Dec. 2009 | Oct. - Dec. 2009 | Year-on-year changes | Jan. - Mar. 2010 | Year-on-year changes |
| Total value of electrical machinery | -6.2 | -14.5 | -60.4 | -16.8 | 17.6 | 22.3 | 30.5 | 20.1 | P 19.0 | P 25.2 | P -0.7 | P 13.8 |
| Electrical machines and apparatuses | 2.4 | 3.1 | -33.7 | -2.4 | 13.0 | 14.3 | 15.9 | 23.6 | P 20.5 | P 18.1 | P 6.8 | P 3.7 |
| Information and communications machines and equipment | 5.5 | -11.9 | -62.4 | -18.4 | 13.3 | 13.3 | 12.3 | 5.9 | P 15.9 | P 10.4 | P -7.6 | P 4.3 |
| Electronic parts and devices | -17.1 | -26.5 | -75.8 | -25.0 | 22.7 | 31.6 | 48.7 | 24.0 | P 19.4 | P 36.5 | P -2.6 | P 23.9 |
| Total value of transportation equipment | -13.2 | -11.2 | -61.7 | -43.2 | -3.8 | 13.7 | 38.4 | 26.7 | P 36.1 | P 49.3 | P 22.0 | P 33.2 |
| Transportation machines and equipment | 1.8 | 2.1 | -32.1 | -26.5 | -1.7 | 21.2 | 42.1 | 20.0 | P 32.8 | P 31.0 | P 20.3 | P 18.2 |
| Parts and accessories for transportation machinery | -15.5 | -13.0 | -66.1 | -44.7 | -4.2 | 12.6 | 37.8 | 27.8 | P 36.7 | P 52.2 | P 22.2 | P 35.2 |

| ASEAN4 | DI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jul. - Sept. 2008 survey | | Oct. - Dec. 2008 survey | | Jan. - Mar. 2009 survey | | Apr. - Jun.. 2009 survey | | Jul. - Sept.. 2009 survey | | | |
| | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | | Prospects | |
| | Oct. - Dec. 2008 | Jan. - Mar. 2009 | Jan. - Mar. 2009 | Apr. - Jun. 2009 | Apr. - Jun. 2009 | Jul. - Sept. 2009 | Jul. - Sept. 2009 | Oct. - Dec. 2009 | Oct. - Dec. 2009 | Year-on-year changes | Jan. - Mar. 2010 | Year-on-year changes |
| Total value of electrical machinery | -19.1 | -18.7 | -64.4 | -14.9 | 20.9 | 26.6 | 31.7 | 10.5 | P 15.5 | P 34.6 | P -2.7 | P 16.0 |
| Electrical machines and apparatuses | -9.1 | 2.3 | -34.1 | -7.3 | 21.4 | 28.6 | 30.4 | 15.3 | P 10.9 | P 20.0 | P 2.2 | P -0.1 |
| Information and communications machines and equipment | -7.0 | -18.6 | -63.5 | -17.1 | 5.1 | 5.0 | 8.1 | 5.6 | P 13.5 | P 20.5 | P -5.4 | P 13.2 |
| Electronic parts and devices | -28.1 | -27.1 | -76.5 | -16.9 | 26.4 | 34.0 | 41.0 | 10.1 | P 18.3 | P 46.4 | P -3.9 | P 23.2 |
| Total value of transportation equipment | -24.1 | -19.0 | -71.3 | -47.3 | -11.2 | 8.6 | 39.8 | 26.5 | P 38.1 | P 62.2 | P 14.2 | P 33.2 |
| Transportation machines and equipment | -20.0 | -3.7 | -43.4 | -14.3 | -12.5 | 6.6 | 37.2 | 18.7 | P 38.3 | P 58.3 | P 19.4 | P 23.1 |
| Parts and accessories for transportation machinery | -24.8 | -21.7 | -76.4 | -51.6 | -10.9 | 9.1 | 40.3 | 27.8 | P 38.1 | P 62.9 | P 13.1 | P 34.8 |

| NIEs3 | DI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jul. - Sept. 2008 survey | | Oct. - Dec. 2008 survey | | Jan. - Mar. 2009 survey | | Apr. - Jun.. 2009 survey | | Jul. - Sept.. 2009 survey | | | |
| | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | | Prospects | |
| | Oct. - Dec. 2008 | Jan. - Mar. 2009 | Jan. - Mar. 2009 | Apr. - Jun. 2009 | Apr. - Jun. 2009 | Jul. - Sept. 2009 | Jul. - Sept. 2009 | Oct. - Dec. 2009 | Oct. - Dec. 2009 | Year-on-year changes | Jan. - Mar. 2010 | Year-on-year changes |
| Total value of electrical machinery | -9.6 | -20.8 | -51.5 | -17.2 | 6.0 | 21.2 | 30.2 | 25.8 | P 11.0 | P 20.6 | P -4.7 | P 16.1 |
| Electrical machines and apparatuses | 0.0 | 0.0 | -35.3 | -5.9 | -6.7 | 20.0 | 0.0 | 53.3 | P 11.8 | P 11.8 | P -17.7 | P -17.7 |
| Information and communications machines and equipment | -7.7 | 7.7 | -15.4 | -7.7 | 0.0 | 21.4 | 0.0 | 0.0 | P 16.7 | P 24.4 | P 0.0 | P -7.7 |
| Electronic parts and devices | -14.0 | -38.1 | -70.0 | -25.0 | 13.5 | 21.6 | 54.2 | 22.8 | P 8.6 | P 22.6 | P 0.0 | P 38.1 |
| Total value of transportation equipment | -38.7 | -27.6 | -58.0 | -58.7 | -13.8 | -17.8 | 0.0 | 16.1 | P 24.2 | P 62.9 | P 17.8 | P 45.4 |
| Transportation machines and equipment | -100.0 | 0.0 | -100.0 | 0.0 | 100.0 | 0.0 | 50.0 | 0.0 | P 0.0 | P 100.0 | P 0.0 | P 0.0 |
| Parts and accessories for transportation machinery | -36.7 | -27.6 | -56.7 | -58.7 | -17.9 | -17.8 | -3.3 | 16.7 | P 25.9 | P 62.6 | P 18.5 | P 46.1 |

| China (including Hong Kong) | DI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jul. - Sept. 2008 survey | | Oct. - Dec. 2008 survey | | Jan. - Mar. 2009 survey | | Apr. - Jun.. 2009 survey | | Jul. - Sept.. 2009 survey | | | |
| | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | | Prospects | |
| | Oct. - Dec. 2008 | Jan. - Mar. 2009 | Jan. - Mar. 2009 | Apr. - Jun. 2009 | Apr. - Jun. 2009 | Jul. - Sept. 2009 | Jul. - Sept. 2009 | Oct. - Dec. 2009 | Oct. - Dec. 2009 | Year-on-year changes | Jan. - Mar. 2010 | Year-on-year changes |
| Total value of electrical machinery | 2.2 | -11.6 | -59.5 | -15.0 | 19.0 | 19.5 | 29.0 | 24.8 | P 21.0 | P 18.8 | P -1.3 | P 10.3 |
| Electrical machines and apparatuses | 7.8 | 3.0 | -34.3 | 0.0 | 13.8 | 7.9 | 12.9 | 25.0 | P 25.0 | P 17.2 | P 9.9 | P 6.9 |
| Information and communications machines and equipment | 13.1 | -15.0 | -70.5 | -13.1 | 22.8 | 16.0 | 15.6 | 6.4 | P 17.7 | P 4.6 | P -9.9 | P 5.1 |
| Electronic parts and devices | -9.1 | -23.1 | -76.6 | -30.0 | 21.9 | 32.4 | 51.2 | 34.1 | P 19.2 | P 28.3 | P -7.3 | P 15.8 |
| Total value of transportation equipment | -3.2 | -6.7 | -57.0 | -38.3 | 1.8 | 21.2 | 41.9 | 25.6 | P 34.8 | P 38.0 | P 26.5 | P 33.2 |
| Transportation machines and equipment | 26.7 | -9.1 | -40.0 | -62.5 | 6.7 | 50.0 | 55.6 | 14.3 | P 23.5 | P -3.2 | P 7.2 | P 16.3 |
| Parts and accessories for transportation machinery | -6.4 | -6.4 | -58.6 | -36.9 | 1.4 | 18.9 | 40.4 | 26.5 | P 36.1 | P 42.5 | P 28.1 | P 34.5 |

| Other Asian countries | DI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jul. - Sept. 2008 survey | | Oct. - Dec. 2008 survey | | Jan. - Mar. 2009 survey | | Apr. - Jun.. 2009 survey | | Jul. - Sept.. 2009 survey | | | |
| | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | | Prospects | |
| | Oct. - Dec. 2008 | Jan. - Mar. 2009 | Jan. - Mar. 2009 | Apr. - Jun. 2009 | Apr. - Jun. 2009 | Jul. - Sept. 2009 | Jul. - Sept. 2009 | Oct. - Dec. 2009 | Oct. - Dec. 2009 | Year-on-year changes | Jan. - Mar. 2010 | Year-on-year changes |
| Total value of electrical machinery | 14.3 | 9.6 | -66.7 | -57.1 | 9.5 | 23.8 | 41.0 | 18.2 | P 45.5 | P 31.2 | P 36.4 | P 26.8 |
| Electrical machines and apparatuses | 0.0 | 33.3 | 0.0 | 0.0 | -33.3 | 0.0 | 0.0 | -20.0 | P 40.0 | P 40.0 | P 60.0 | P 26.7 |
| Information and communications machines and equipment | 30.0 | 10.0 | -70.0 | -70.0 | 10.0 | 20.0 | 25.0 | 12.5 | P 12.5 | P -17.5 | P -12.5 | P -22.5 |
| Electronic parts and devices | 0.0 | 0.0 | -87.5 | -62.5 | 25.0 | 37.5 | 77.8 | 44.5 | P 77.8 | P 77.8 | P 66.7 | P 66.7 |
| Total value of transportation equipment | 21.1 | 22.2 | -37.5 | -30.3 | 15.4 | 29.7 | 44.7 | 40.0 | P 39.6 | P 18.5 | P 41.4 | P 19.2 |
| Transportation machines and equipment | 36.4 | 30.0 | 20.0 | -20.0 | 9.1 | 30.0 | 35.8 | 30.8 | P 35.8 | P -0.6 | P 38.5 | P 8.5 |
| Parts and accessories for transportation machinery | 14.8 | 19.2 | -56.7 | -32.1 | 17.8 | 29.6 | 48.5 | 43.7 | P 41.2 | P 26.4 | P 42.5 | P 23.3 |

| Europe | DI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jul. - Sept. 2008 survey | | Oct. - Dec. 2008 survey | | Jan. - Mar. 2009 survey | | Apr. - Jun.. 2009 survey | | Jul. - Sep.. 2009 survey | | | |
| | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | | Prospects | |
| | Oct. - Dec. 2008 | Jan. - Mar. 2009 | Jan. - Mar. 2009 | Apr. - Jun. 2009 | Apr. - Jun. 2009 | Jul. - Sept. 2009 | Jul. - Sept. 2009 | Oct. - Dec. 2009 | Oct. - Dec. 2009 | Year-on-year changes | Jan. - Mar. 2010 | Year-on-year changes |
| Total value of electrical machinery | 14.3 | -17.9 | -38.8 | -36.7 | -15.1 | -9.4 | 8.1 | 25.0 | P 18.0 | P 3.7 | P 0.0 | P 17.9 |
| Electrical machines and apparatuses | 0.0 | -10.0 | -29.4 | -35.3 | -30.0 | 5.0 | 4.8 | 42.9 | P 33.3 | P 33.3 | P 19.0 | P 29.0 |
| Information and communications machines and equipment | 16.0 | -32.0 | -26.1 | -30.4 | 4.4 | -13.1 | 10.0 | 5.3 | P 19.1 | P 3.1 | P -14.3 | P 17.7 |
| Electronic parts and devices | 36.4 | 0.0 | -88.9 | -55.6 | -30.0 | -30.0 | 12.5 | 25.0 | P -25.0 | P -61.4 | P -12.5 | P -12.5 |
| Total value of transportation equipment | -39.2 | -37.3 | -64.4 | -41.7 | -37.5 | -25.7 | -3.0 | 4.1 | P 8.0 | P 47.2 | P 4.8 | P 42.1 |
| Transportation machines and equipment | 0.0 | 0.0 | -37.5 | -25.0 | -12.5 | -16.6 | -12.5 | 16.7 | P -12.5 | P -12.5 | P 16.7 | P 16.7 |
| Parts and accessories for transportation machinery | -43.6 | -40.6 | -67.1 | -42.5 | -40.3 | -26.4 | -2.1 | 3.3 | P 10.0 | P 53.6 | P 3.8 | P 44.4 |

| Other | DI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Jul. - Sept. 2008 survey | | Oct. - Dec. 2008 survey | | Jan. - Mar. 2009 survey | | Apr. - Jun.. 2009 survey | | Jul. - Sept.. 2009 survey | | | |
| | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | Prospects | Current assessment | | Prospects | |
| | Oct. - Dec. 2008 | Jan. - Mar. 2009 | Jan. - Mar. 2009 | Apr. - Jun. 2009 | Apr. - Jun. 2009 | Jul. - Sept. 2009 | Jul. - Sept. 2009 | Oct. - Dec. 2009 | Oct. - Dec. 2009 | Year-on-year changes | Jan. - Mar. 2010 | Year-on-year changes |
| Total value of electrical machinery | 30.0 | -20.0 | -57.9 | 5.3 | 30.0 | 30.0 | 33.4 | 13.3 | P 43.7 | P 13.7 | P 0.0 | P 20.0 |
| Electrical machines and apparatuses | 33.3 | 11.1 | -50.0 | 25.0 | 22.2 | 44.4 | 33.3 | 16.6 | P 28.6 | P -4.7 | P 28.6 | P 17.5 |
| Information and communications machines and equipment | 37.5 | -37.5 | -62.5 | -12.5 | 37.5 | 37.5 | 28.5 | 0.0 | P 57.1 | P 19.6 | P -42.9 | P -5.4 |
| Electronic parts and devices | 0.0 | -66.7 | -66.7 | 0.0 | 33.3 | -33.3 | 50.0 | 50.0 | P 50.0 | P 50.0 | P 50.0 | P 116.7 |
| Total value of transportation equipment | -20.0 | -15.2 | -69.4 | -39.3 | 0.0 | 4.3 | 18.5 | -1.7 | P 0.0 | P 20.0 | P 16.0 | P 31.2 |
| Transportation machines and equipment | 20.0 | -28.6 | -60.0 | 20.0 | 44.5 | 33.3 | 60.0 | -28.6 | P 0.0 | P -20.0 | P 14.3 | P 42.9 |
| Parts and accessories for transportation machinery | -30.0 | -12.9 | -71.2 | -45.1 | -9.8 | 0.0 | 11.0 | 1.8 | P 0.0 | P 30.0 | P 16.3 | P 29.2 |

## INDUSTRIAL CLASSIFICATION

| (Old) A type of industry classification | (New) A type of industry classification | Japan Standard Industrial Classification(Code) |
|---|---|---|
| FOOD AND TABACCO | FOOD AND TABACCO | Manufacture of food (09), manufacture of beverages, tabacco and feed (10) |
| TEXTILES | TEXTILES | Manufacture of textile mill products (11) |
| WOOD, PULP, PAPER AND PAPER PRODUCTS | *LUMBER*, PULP, PAPER AND PAPER PRODUCTS | Manufacture of lumber and wood products, except furniture (12), Manufacture of pulp, paper and paper products (14) |
| CHEMICALS | CHEMICALS | Manufacture of Chemical and allied products (16) |
| CERAMICS, STONE AND CLAY | CERAMIC, STONE AND CLAY *PRODUCTS* | Manufacture of ceramic, stone and clay products (21) |
| IRON AND STEEL | IRON AND STEEL | Manufacture of iron and steel (22) |
| NON-FERROUS METALS | NON-FERROUS METALS | Manufacture of non-ferrous metals and products (23) |
| METALS | *FABRICATED METAL PRODUCTS* | Manufacture of fabricated metal products (24) |
| INDUSTRIAL MACHINERY | *GENERAL-PURPOSE, PRODUCTION AND BUSINESS ORIENTED MACHINERY* | Manufacture of general-purpose machinery (25), Manufacture of production machinery (26), Manufacture of business oriented machinery (27) |
| ELECTRICAL MACHINERY | ELECTRICAL MACHINERY | Electronic parts, devices and electronic circuits (28), Manufacture of electrical machinery, equipment and supplies (29), Manufacture of information and communication electronics equipment (30) |
| TRANSPORTATION EQUIPMENT | TRANSPORTATION EQUIPMENT | Manufacture of transportation equipment (31) |
| PRECISION INSTRUMENTS | *MISCELLANEOUS MANUFACTURING INDUSTRIES* | Manufacture of furniture and fixtures (13), Printing and allied industries (15), Manufacture of petroleum and coal products (17), Manufacture of plastic products, except otherwise classified (18), Manufacture of rubber products (19), Manufacture of tanning, leather products and fur skins (20), Miscellaneous manufacturing industries (32) |
| OTHER | | |

Carbon fiber

Watches and ophthalmic goods

## Inquiries

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(Please E-mail inquiries if at all possible.)


URL
http://www.meti.go.jp/statistics/index.html

* Time series tables for past data are available on the website at the above address.