## Supplementary Explanation for Financial Results for Fiscal 2009 2Q (1H)

- From April 1, 2009 to September 30, 2009 -


## October 30, 2009

Disclaimers concerning forward-looking statements are prepared on the last page of this material.

- Table of contents -

Fiscal 2009 2Q(1H) Actual >> Key Points ---------- 2
Fiscal 2009 2Q(1H) >> Changes in income before special items by segment ---------- 3
Fiscal 2009 Forecast >> Key Points ---------- 6
Fiscal $2009 \gg$ Changes in income before special items by segment ---------- 7
Fiscal 2009 >> Balance sheets / Financial indicators ---------- 10
Fiscal $2009 \gg$ Cash flows ---------- 11
Appendix(1) >> Sensitivity analysis (Fiscal 2009 2H) ---------- 12
Appendix(2) >> Detailed analysis charts --------- 13
Data ---------- 16

Nippon Mining Holdings, Inc.
Code
Tokyo 5016

## Fiscal 2009 2Q(1H) Actual >> Key Points

Key factors
Fiscal 2008 2Q(1H) $\rightarrow$ Fiscal 2009 2Q(1H)

- Exchange rate

$$
106 \rightarrow 95 \neq / \$
$$

- Crude Oil FOB (Dubai spot) $115.1 \rightarrow 63.5 \$ / \mathrm{bbl}$
- Copper price (LME) $366 \rightarrow 239$ థ/lb
Sales
$¥ 1,469.4$ bn ( $-38 \%$ YoY)
Income before special items
$\neq 32.7$ bn (-63\% YoY)
- Equity in income of affiliates $¥ 10.8$ bn (-75\% YoY)


## Net income

$\neq 18.8$ bn (- $59 \%$ YoY)

Sales, Income, etc. (Fiscal 2009 2Q(1H) Consolidated)

*Inventory valuation by periodic inventory system and the lower of cost or market method

Fiscal 2009 2Q(1H) >> Changes in income before special items by segment

## Fiscal 09 2Q(1H) Actual vs. Fiscal 08 2Q(1H) Actual (1)

| Total | Total (54.8) |  |  |
| :---: | :---: | :---: | :---: |
| 87.5 | Petroleum | (8.5) |  |
|  | Upstream (Exploration \& Development) | (4.1) |  |
|  | Midstream (Refining \& Marketing) | (17.1) |  |
| 26.4 | Downstream (Petrochemicals) | 17.8 |  |
|  | Inventory valuation * | (5.2) |  |
|  | Metals | (39.1) | 32.7 |
| 54.3 | Upstream (Resource Development) | (21.2) |  |
|  | Midstream (Smelting \& Refining) | (12.7) |  |
|  | Downstream (Electronic Materials and Recycling \& Environmental Services) | (6.6) |  |
|  |  | 1.4 | 17.9 |
|  | Other Operations | (7.1) | 15.2 |
| 6.8 | *Inventory valuation by periodic inventory system and the lower of cost or market method |  |  |



Fiscal 2009 2Q(1H) >> Changes in income before special items by segment

## Fiscal 09 2Q(1H) Actual vs. Fiscal 08 2Q(1H) Actual (2)



Fiscal 2009 2Q(1H) >> Changes in income before special items by segment

## Fiscal 09 2Q(1H) Actual vs. Fiscal 08 2Q(1H) Actual (3)



## Fiscal 2009 (Full Year) Forecast >> Key Points

## Key factors

Fiscal $2008 \rightarrow$ Fiscal 2009

- Exchange rate

$$
101 \rightarrow 93 ¥ / \$
$$

$<2 \mathrm{H}: 95 \rightarrow \underline{90} ¥ / \$>$Crude Oil FOB (Dubai spot) $81.8 \rightarrow 66.8 \$ / \mathrm{bbl}$ $<2 \mathrm{H}: 48.4 \rightarrow \underline{70.0 \$ / \mathrm{bbl}>}$

- Copper price (LME)
$266 \rightarrow 244$ ¢/lb
$<2 \mathrm{H}: 166 \rightarrow \underline{250 \text { ¢ / } / \mathrm{b}}>$


## Sales

$¥ 3,120.0$ bn (- $23 \%$ Yoy)Income before special items
$¥ 75.0$ bn ( $+¥ 142.4$ bn YoY)

- Equity in income of affiliates
$¥ 29.5$ bn (- $40 \%$ YoY)
Net income
$¥ 40.0$ bn ( $+¥ 80.8$ bn YoY)

Sales, Income, etc. (Fiscal 2009 Consolidated)

(below;¥bn)


Fiscal 2009 >> Changes in income before special items by segment
Fiscal 09 Forecast vs. Fiscal 08 Actual (1)


Fiscal 2009 >> Changes in income before special items by segment
Fiscal 09 Forecast vs. Fiscal 08 Actual (2)


Fiscal 2009 >> Changes in income before special items by segment
Fiscal 09 Forecast vs. Fiscal 08 Actual (3)


## Balance sheets / Financial indicators



## Fiscal 2009 2Q(1H) Actual

Cash inflow


Cash outflow


Cash dividends paid to minority shareholders etc.

## Fiscal 2009 Forecast

## Cash inflow




Financing
Increase in interest-bearing debt 54.5

Decrease in cash 55.0 Proceeds from third-party allotment of shares Proceeds from third-party allotment of
of consolidated subsidiary etc. 6.0

## Appendix(1) >> Sensitivity analysis

## Sensitivity analysis (Fiscal 2009 2H structural basis)

$\square$ Key factors (Fiscal 2009 2H)

| Foreign exchange | Crude oil FOB(Dubai spot) | Copper price (LME) |
| :---: | :---: | :---: |
| $90 ¥ / \$$ | $70.0 \$ / \mathrm{bbl}$ | $250 \$ / \mathrm{lb}$ |

$\square$ Sensitivity analysis (Fiscal 2009 2H)

|  | Appreciation | Segment | Impact on income before special items |
| :---: | :---: | :---: | :---: |
| Impact on income before special items by changes in key factors |  |  | (¥bn) |
| Foreign exchange | $5 \neq / \$$(yen depreciation) | Petroleum (energy costs increase, margin improvement, upstream profits) <br> Metals (margin improvement, foreign currency translation) | $\begin{aligned} & 1.5 \\ & 2.0 \\ & \hline \end{aligned}$ |
|  |  | Total | 3.5 |
| Crude oil FOB (Dubai spot) | 5 \$/bbl | Petroleum (energy costs increase, upstream profits) | (2.0) |
| Copper price (LME) | $5 \mathrm{c} / \mathrm{lb}$ | Metals (margin improvement) | 0.5 |
| Impact on income before special items by inventory valuation |  |  | (¥bn) |
| Foreign exchange | $5 \geq$ \% (yen depreciation) | Petroleum (inventory gain/loss) | 6.0 |
| Crude oil FOB (Dubai spot) | 5 \$/bbl | Petroleum (inventory gainloss) | 8.0 |

Appendix(2) | Fiscal 2009 2Q(1H) >> Changes in income before special items by segment
Detailed analysis charts

| ( $\ddagger$ bn) | Fiscal 2009 2Q(1H) Actual (A) |  |  |  | Fiscal 2008 2Q(1H) Actual (A) |  |  |  | Difference (A) - (B) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  | Equity in income of affiliates | Total | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  | Equity in income of affiliates | Total | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  | Equity in income of affiliates | Total |
|  | Excluding inventory valuation | $\underset{\text { Inventory }}{\text { * }}$ valuation |  |  | Excluding inventory valuation | Inventory valuation |  |  | Excluding inventory valuation | $\begin{aligned} & \text { Inventory } \\ & \text { valuation } \end{aligned}$ |  |  |
| Petroleum | (16.7) | 32.4 | 2.3 | 17.9 | (14.8) | 37.5 | 3.6 | 26.4 | (2.0) | (5.2) | (1.4) | (8.5) |
| Upstream <br> (Exploration \& Development) | 0.9 |  | 2.3 | 3.1 | 3.6 |  | 3.6 | 7.2 | (2.7) | - | (1.4) | (4.1) |
| Midstream (Refining \& Marketing) | (22.5) | 32.4 |  | 9.8 | (5.5) | 37.5 |  | 32.0 | (17.1) | (5.2) | - | (22.2) |
| $\begin{aligned} & \text { Downstream } \\ & \text { (Petrochemicals) } \\ & \hline \end{aligned}$ | 4.9 |  |  | 4.9 | (12.9) | 0.0 |  | (12.8) | 17.8 | (0.0) | - | 17.7 |
| Metals | 4.8 | 1.9 | 8.4 | 15.2 | 14.5 | 0.6 | 39.2 | 54.3 | (9.7) | 1.4 | (30.8) | (39.1) |
| Upstream (Resource Development) | (0.4) |  | 8.7 | 8.3 | (4.6) |  | 34.1 | 29.6 | 4.2 |  | (25.4) | (21.2) |
| Midstream (Smelting \& Refining) | (0.4) | 0.0 | (0.3) | (0.7) | 6.9 | 0.0 | 5.0 | 12.0 | (7.3) | 0.0 | (5.4) | (12.7) |
| Downstream | 5.6 | 1.9 | 0.0 | 7.5 | 12.2 | 0.5 | 0.0 | 12.8 | (6.6) | 1.3 | 0.0 | (5.2) |
| Recycling \& Environmental Services | 2.3 | (0.9) |  | 1.5 | 5.2 |  |  | 5.2 | (2.9) | (0.9) |  | (3.7) |
| Electronic Materials | 1.6 | 2.8 | 0.0 | 4.3 | 6.9 | 0.6 | 0.0 | 7.5 | (5.3) | 2.2 | (0.0) | (3.1) |
| Eliminations in Metals segment | 1.7 |  | 0.0 | 1.7 | 0.1 | (0.0) | 0.0 | 0.1 | 1.6 | 0.0 | 0.0 | 1.6 |
| Other Operations | 0.2 | (0.7) | 0.2 | (0.3) | 6.4 | (0.0) | 0.5 | 6.8 | (6.2) | (0.6) | (0.3) | (7.1) |
| Total | (11.7) | 33.6 | 10.8 | 32.7 | 6.2 | 38.0 | 43.3 | 87.5 | (17.9) | (4.4) | (32.5) | (54.8) |
| Upstream | 0.5 |  | 11.0 | 11.5 | (1.0) |  | 37.8 | 36.8 | 1.5 |  | (26.8) | (25.3) |
| Midstream | (23.0) | 32.4 | (0.3) | 9.1 | 1.4 | 37.5 | 5.0 | 44.0 | (24.4) | (5.1) | (5.4) | (34.9) |
| Downstream | 10.5 | 1.9 | 0.0 | 12.4 | (0.6) | 0.6 | 0.0 | (0.1) | 11.2 | 1.3 | 0.0 | 12.5 |
| Other Operations | 0.2 | (0.7) | 0.2 | (0.3) | 6.4 | (0.0) | 0.5 | 6.8 | (6.2) | (0.6) | (0.3) | (7.1) |
| Income before special items excluding inventory valuation |  |  |  | (0.9) |  |  |  | 49.5 |  |  |  | (50.4) |

* Inventory valuation by periodic inventory system and the lower of cost or market method included in inventory valuation.


## Detailed analysis charts

| ( $\ddagger$ bn) | Fiscal 2009 Forecast (A) |  |  |  | Fiscal 2008 Actual (B) |  |  |  | Difference (A) - (B) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  | Equity in income of affiliates | Total | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  | Equity in income of affiliates | Total | Nippon Mining Holdings, Inc. \& consolidated subsidiaries |  | Equity in income of affiliates | Total |
|  | Excluding inventory valuation | $\begin{aligned} & \text { Inventory } \\ & \text { valuation } \end{aligned}$ |  |  | Excluding inventory valuation | Inventorỳ valuation |  |  | Excluding inventory valuation | $\begin{aligned} & \text { Inventory* } \\ & \text { valuation } \end{aligned}$ |  |  |
| Petroleum | (4.0) | 40.5 | 4.0 | 40.5 | 30.7 | (140.5) | 4.7 | (105.2) | (34.7) | 181.0 | (0.7) | 145.7 |
| Upstream <br> (Exploration \& Development) | 1.0 |  | 4.0 | 5.0 | 4.6 |  | 4.7 | 9.3 | (3.6) | - | (0.7) | (4.3) |
| Midstream (Refining \& Marketing) | (11.0) | 40.5 |  | 29.5 | 38.5 | (140.5) |  | (102.0) | (49.5) | 181.0 | - | 131.5 |
| Downstream (Petrochemicals) | 6.0 |  |  | 6.0 | (12.4) | - |  | (12.4) | 18.4 | - | - | 18.4 |
| Metals | 8.0 | 2.0 | 25.0 | 35.0 | 3.3 | (18.5) | 43.7 | 28.5 | 4.7 | 20.5 | (18.7) | 6.5 |
| Upstream (Resource Development) | (1.7) |  | 22.0 | 20.3 | (7.2) |  | 33.7 | 26.5 | 5.5 | - | (11.7) | (6.2) |
|  | (2.8) |  | 3.0 | 0.2 | 4.6 | (0.3) | 10.0 | 14.2 | (7.4) | 0.3 | (7.0) | (14.0) |
| Downstream | 12.5 | 2.0 |  | 14.5 | 6.0 | (18.1) | (0.0) | (12.2) | 6.5 | 20.1 | 0.0 | 26.7 |
| Recycling \& Environmental Services | 3.8 | (0.8) |  | 3.0 | 7.7 | (0.6) |  | 7.2 | (4.0) | (0.2) | - | (4.2) |
| Electronic Materials | 6.8 | 2.8 |  | 9.5 | 0.5 | (17.5) | (0.0) | (17.1) | 6.3 | 20.3 | 0.0 | 26.6 |
| Eliminations in Metals segment | 2.0 |  |  | 2.0 | (2.2) |  | (0.0) | (2.3) | 4.2 | - | 0.0 | 4.3 |
| Other Operations | (0.5) | (0.5) | 0.5 | (0.5) | 9.3 | (0.6) | 0.5 | 9.2 | (9.8) | 0.1 | (0.0) | (9.7) |
| Total | 3.5 | 42.0 | 29.5 | 75.0 | 43.2 | (159.6) | 48.9 | (67.4) | (39.7) | 201.6 | (19.4) | 142.4 |
| Upstream | (0.7) | - | 26.0 | 25.3 | (2.6) | - | 38.4 | 35.8 | 1.9 | - | (12.4) | (10.5) |
| Midstream | (13.8) | 40.5 | 3.0 | 29.7 | 43.0 | (140.9) | 10.0 | (87.8) | (56.8) | 181.4 | (7.0) | 117.5 |
| Downstream | 18.5 | 2.0 | - | 20.5 | (6.4) | (18.1) | (0.0) | (24.6) | 24.9 | 20.1 | 0.0 | 45.1 |
| Other Operations | (0.5) | (0.5) | 0.5 | (0.5) | 9.3 | (0.6) | 0.5 | 9.2 | (9.8) | 0.1 | (0.0) | (9.7) |
| Income before special items excluding inventory valuation |  |  |  | 33.0 |  |  |  | 92.1 |  |  |  | (59.1) |

* Inventory valuation by periodic inventory system and the lower of cost or market method included in inventory valuation.


## Detailed analysis charts (Quarterly basis)

(¥bn)

| Fiscal 2008 Actual |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 Q | 2 Q | $1 \mathrm{H}(2 \mathrm{Q})$ | 3 Q | 4 Q | 2 H |  |  |
| 3 months | 3 months | 6 months | 3 months | 3 months | 6 months | Total |  |


| Fiscal 2009 Actual / Forecast |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 1 Q | 2 Q | $1 \mathrm{H}(2 \mathrm{Q})$ | 2 H |  |
| 3 months | 3 months | 6 months | 6 months | Total |

Income before special items excluding inventory valuation *


| $(12.7)$ | 1.5 | $(11.1)$ | 39.0 | 7.4 | 46.5 | 35.4 |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 0.3 | 6.9 | 7.2 | 3.4 | $(1.3)$ | 2.1 | 9.3 |
| $(9.8)$ | 4.4 | $(5.5)$ | 39.1 | 4.8 | 43.9 | 38.5 |
| $(3.1)$ | $(9.7)$ | $(12.9)$ | $(3.5)$ | 3.9 | 0.4 | $(12.4)$ |
| 19.6 | 34.2 | 53.7 | 7.7 | $(14.5)$ | $(6.7)$ | 47.0 |
| 13.2 | 16.4 | 29.6 | 6.2 | $(9.3)$ | $(3.1)$ | 26.5 |
| 1.8 | 10.1 | 12.0 | $(1.4)$ | 4.1 | 2.6 | 14.6 |
| 4.6 | 7.6 | 12.2 | 3.0 | $(9.2)$ | $(6.3)$ | 5.9 |
| 2.2 | 2.9 | 5.2 | 1.0 | 1.5 | 2.6 | 7.7 |
| 3.0 | 4.0 | 6.9 | 1.7 | $(8.2)$ | $(6.5)$ | 0.5 |
| $(0.6)$ | 0.7 | 0.1 | 0.2 | $(2.6)$ | $(2.4)$ | $(2.3)$ |
| 2.8 | 4.1 | 6.9 | 2.1 | 0.8 | 2.9 | 9.8 |
| 9.7 | 39.8 | 49.5 | 48.9 | $(6.3)$ | 42.6 | 92.1 |
| 13.5 | 23.3 | 36.8 | 9.6 | $(10.6)$ | $(1.0)$ | 35.8 |
| $(8.0)$ | 14.5 | 6.5 | 37.7 | 8.9 | 46.6 | 53.1 |
| 1.5 | $(2.1)$ | $(0.6)$ | $(0.5)$ | $(5.3)$ | $(5.8)$ | $(6.5)$ |
| 2.8 | 4.1 | 6.9 | 2.1 | 0.8 | 2.9 | 9.8 |


| $(2.2)$ | $(12.3)$ | $(14.5)$ | 14.5 | - |
| ---: | ---: | ---: | ---: | ---: |
| 2.3 | 0.8 | 3.1 | 1.9 | 5.0 |
| $(9.3)$ | $(13.3)$ | $(22.5)$ | 11.5 | $(11.0)$ |
| 4.8 | 0.1 | 4.9 | 1.1 | 6.0 |
| 5.3 | 7.9 | 13.2 | 19.8 | 33.0 |
| 2.3 | 6.0 | 8.3 | 12.0 | 20.3 |
| 0.1 | $(0.8)$ | $(0.7)$ | 0.9 | 0.2 |
| 2.9 | 2.7 | 5.6 | 6.9 | 12.5 |
| 0.5 | 1.8 | 2.3 | 1.4 | 3.8 |
| 1.1 | 0.5 | 1.6 | 5.2 | 6.8 |
| 1.3 | 0.5 | 1.7 | 0.3 | 2.0 |
| 0.4 | 0.0 | 0.4 | $(0.4)$ | - |
| 3.5 | $(4.4)$ | $(0.9)$ | 33.9 | 33.0 |
| 4.7 | 6.8 | 11.5 | 13.8 | 25.3 |
| $(9.2)$ | $(14.1)$ | $(23.3)$ | 12.5 | $(10.8)$ |
| 7.7 | 2.8 | 10.5 | 8.0 | 18.5 |
| 0.4 | 0.0 | 0.4 | $(0.4)$ | - |


| Inventory valuation |
| :--- | :--- |
| Petroleum |
| Metals |
| Other Operations |


| 37.7 | 0.4 | 38.0 | $(172.6)$ | $(25.0)$ | $(197.6)$ | $(159.6)$ |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 33.3 | 4.2 | 37.5 | $(161.4)$ | $(16.6)$ | $(178.0)$ | $(140.5)$ |
| 4.4 | $(3.9)$ | 0.6 | $(11.1)$ | $(8.0)$ | $(19.0)$ | $(18.5)$ |
| $(0.1)$ | 0.0 | $(0.0)$ | $(0.1)$ | $(0.4)$ | $(0.5)$ | $(0.6)$ |


| 20.7 | 12.9 | 33.6 | 8.4 | 42.0 |
| ---: | ---: | ---: | ---: | ---: |
| 21.9 | 10.5 | 32.4 | 8.1 | 40.5 |
| $(0.7)$ | 2.7 | 1.9 | 0.1 | 2.0 |
| $(0.4)$ | $(0.2)$ | $(0.7)$ | 0.2 | $(0.5)$ |

Total

| Income before special items total | 47.3 | 40.2 | 87.5 | (123.7) | (31.3) | (155.0) | (67.4) |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |


| 24.3 | 8.5 | 32.7 | 42.3 | 75.0 |
| :--- | :--- | :--- | :--- | :--- |

[^0]
## Data

| Fiscal 2009 2Q(1H) Results and Fiscal 2009 Annual Forecast (consolidated)

1. Operating Results for Fiscal 2009 2Q(1H) (consolidated)
<1>Comparison with Fiscal 2008 2Q(1H) . . . 17
<2>Comparison with the Previous Forecast announced on July 30, 2009 . . . 19
2. Annual Forecast for Fiscal 2009 (consolidated)
$<1>$ Comparison with Fiscal 2008 . . . 21
<2>Comparison with the Previous Forecast announced on April 30, 2009 . . . 23
II Segment Information - Fiscal 2009 2Q(1H) Results and Fiscal 2009 Forecast -
<1>Petroleum (Japan Energy Group) . . . 25
<2>Metals (Nippon Mining \& Metals Group) . . . 26
III Consolidated Balance Sheets, Cash Flows, etc.
3. Consolidated Balance Sheets . . 27
4. Consolidated Cash Flows . . 28
5. Capital Expenditure and Depreciation \& Amortization (consolidated) . . 29
6. Interest-bearing Debt . . 30
7. Dividend • . 30
8. Number of Employees . . 30

## I Fiscal 2009 2Quarter (1H) Results and Fiscal 2009 Annual Forecast (Consolidated)

## 1. Operating Results for Fiscal 2009 2Q (1H) Results (Consolidated)

<1>Comparison with Fiscal 2008 2Q (1H)
(1)Outline of Consolidated Statements of Income

|  | Fiscal 2009 | Fiscal 2008 | Difference |
| :---: | :---: | :---: | :---: |
| (Billions of yen) | $\begin{gathered} \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $\begin{gathered} \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | 2Q (1H) |
| Net sales | 1,469.4 | 2,378.5 | (909.1) |
| Operating income | 24.8 | 50.9 | (26.1) |
| Other income and expenses, net | 7.9 | 36.6 | (28.7) |
| Equity in income of non-consolidated subsidiaries and affiliates Other, net | $\begin{aligned} & \hline 10.8 \\ & (2.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline 43.3 \\ & (6.7) \end{aligned}$ | $\begin{array}{r}\text { (32.5) } \\ 3.7 \\ \hline\end{array}$ |
| Income before special items | 32.7 | 87.5 | (54.8) |
| Special profit and loss, net | (1.8) | (4.0) | 2.2 |
| Income taxes | 9.1 | 25.4 | (16.3) |
| Minority interests in earnings of consolidated subsidiaries | 3.1 | 12.4 | (9.3) |
| Net income | 18.8 | 45.8 | (27.0) |
| Earnings per share (yen) | 20.26 | 49.39 | (29.13) |
| Number of shares (1,000 shares) | 926,364 | 926,829 |  |

Inventory valuation by periodic inventory system and the lower of cost or market method

| Profit or loss in inventory valuation | 33.6 | 38.0 | (4.4) |
| :--- | ---: | ---: | ---: |

(2)Scope of Consolidation (as of September 30, 2009)
(1)Consolidated subsidiaries

110 ( 2 addition, 1 reduction )
13 ( - addition, - reduction)
(3)Breakdown of Other Income and Expenses, net and Special Profit and Loss, net

| (1)Breakdown of other income and expenses, net (Billions of yen) | $\begin{gathered} \text { Fiscal } 2009 \\ 2 \mathrm{Q}(1 \mathrm{H}) \\ \hline \end{gathered}$ |
| :---: | :---: |
| Interest and dividend income | 1.9 |
| Equity in income of non-consolidated subsidiaries and affiliates | 10.8 |
| Interest expenses | (4.6) |
| Exchange gain | 0.4 |
| Other | (0.6) |
| Total | 7.9 |

(2) Breakdown of special profit and loss, net

| (Billions of yen) |
| :--- |


| Gain on sales of property, plant and equipment | 2009 |
| :--- | ---: |
| Gain on change in equity | 1.3 |
| Loss on disposal of property, plant and equipment | $(2.5)$ |
| Impairment losses | $(0.7)$ |
| Loss on write-down of investments in securities | $(0.3)$ |
| Loss on change in calculation method of projected benefit obligation | $(0.4)$ |
| Other | $(0.0)$ |
| Total | $(1.8)$ |


|  |  | Fiscal 2009 | Fiscal 2008 | Difference |
| :---: | :---: | :---: | :---: | :---: |
| (Billions of y |  | 2Q (1H) | 2Q (1H) | 2Q (1H) |
| Petroleum | Net sales | 1,101.2 | 1,797.8 | (696.6) |
|  | Operating income | 18.0 | 24.5 | (6.5) |
|  | Income before special items | 17.9 | 26.4 | (8.5) |
| Metals | Net sales | 353.8 | 557.4 | (203.6) |
|  | Operating income | 7.0 | 20.3 | (13.3) |
|  | Income before special items | 15.2 | 54.3 | (39.1) |
| Other | Net sales | 29.7 | 39.4 | (9.7) |
| Operations | Operating income | (0.1) | 6.1 | (6.2) |
|  | Income before special items | (0.3) | 6.8 | (7.1) |
| Eliminations | Net sales | (15.3) | (16.1) | 0.9 |
| Total | Net sales | 1,469.4 | 2,378.5 | (909.1) |
|  | Operating income | 24.8 | 50.9 | (26.1) |
|  | Income before special items | 32.7 | 87.5 | (54.8) |

Inventory valuation by periodic inventory system and the lower of cost or market method

| Petroleum | 32.4 | 37.5 | $(5.2)$ |
| :--- | ---: | ---: | ---: |
| Metals | 1.9 | 0.6 | 1.4 |
| Other Operations | $(0.7)$ | $(0.0)$ | $(0.6)$ |
| Total | 33.6 | 38.0 | $(4.4)$ |

(5)Key Factors

|  |  |  | Fiscal 2009 | Fiscal 2008 | Difference |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} \hline \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $\begin{gathered} \hline \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | 2Q (1H) |
| All Segments | Exchange rate | Yen/\$ | 95 | 106 | (11) |
| Petroleum | Dubai spot price | \$/bbl | 63.5 | 115.1 | (51.6) |
|  | Market price of paraxylene (ACP) | \$/t | 985 | 1,339 | (354) |
| Metals | Market price of copper | ¢/lb | 239 | 366 | (127) |
|  | Refined copper sales | Kt/period | 301 | 308 | (8) |
|  | Gold recovery volume * | t/period | 2.8 | 3.7 | (0.9) |
|  | Treated rolled copper foil sales | Mm/month | 2.6 | 3.4 | (0.7) |
|  | Precision rolled products sales | Kt/month | 3.1 | 3.6 | (0.6) |

* Gold recovery volume in the Recycling and Environmental Services business
<2>Comparison with the Previous Forecast announced on July 30, 2009
(1)Key Factors

|  |  |  | Fiscal 2009 2Q (1H) |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Actual | Forecast <br> (July 30, 2009) | Difference |
| All Segments | Exchange rate | Yen/\$ | 95 | 96 | (1) |
| Petroleum | Dubai spot price | \$/bbl | 63.5 | 62.1 | 1.4 |
|  | Market price of paraxylene (ACP) | \$/t | 985 | 978 | 7 |
| Metals | Market price of copper | ¢/lb | 239 | 216 | 23 |
|  | Refined copper sales | Kt/period | 301 | 307 | (6) |
|  | Gold recovery volume * | t/period | 2.8 | 3.2 | (0.4) |
|  | Treated rolled copper foil sales | Mm/month | 2.6 | 2.6 | 0.0 |
|  | Precision rolled products sales | Kt/month | 3.1 | 3.0 | 0.1 |


| (Billions of yen) | Fiscal 2009 2Q (1H) |  |  |
| :---: | :---: | :---: | :---: |
|  | Actual | Forecast <br> (July 30, 2009) | Difference |
| Net sales | 1,469.4 | 1,460.0 | 9.4 |
| Operating income | 24.8 | 40.0 | (15.2) |
| Other income and expenses, net | 7.9 | 6.0 | 1.9 |
| Equity in income of non-consolidated subsidiaries and affiliates Other, net | $\begin{array}{r} 10.8 \\ (2.9) \\ \hline \end{array}$ | $\begin{array}{r} 11.0 \\ (5.0) \\ \hline \end{array}$ | $\begin{array}{r}(0.2) \\ 2.1 \\ \hline\end{array}$ |
| Income before special items | 32.7 | 46.0 | (13.3) |
| Special profit and loss, net | (1.8) | (3.0) | 1.2 |
| Income taxes | 9.1 | 18.0 | (8.9) |
| Minority interests in earnings of consolidated subsidiaries | 3.1 | 2.0 | 1.1 |
| Net income | 18.8 | 23.0 | (4.2) |
| Earnings per share (yen) | 20.26 | 24.83 | (4.57) |
| Number of shares (1,000 shares) | 926,364 | 926,371 |  |

Inventory valuation by periodic inventory system and the lower of cost or market method Profit or loss in inventory valuation ] 33.6 36.0 (2.4)
(3)Segment Information

| (Billions of yen) |  | Fiscal 2009 2Q (1H) |  |  | Note |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual | Forecast | Difference |  |
| Petroleum | Net sales | 1,101.2 | 1,120.0 | (18.8) | Margin deterioration of petroleum products |
|  | Operating income | 18.0 | 37.0 | (19.0) |  |
|  | Income before special items | 17.9 | 36.0 | (18.1) |  |
| Metals | Net sales | 353.8 | 325.0 | 28.8 | Metals - Higher copper prices etc. Electronic Materials - Sales improvement, inventory gain etc. <br> - Margin deterioration |
|  | Operating income | 7.0 | 4.5 | 2.5 |  |
|  | Income before special items | 15.2 | 11.5 | 3.7 |  |
| Other Operations | Net sales | 29.7 | 31.0 | (1.3) | Increase in income of independent companies etc. |
|  | Operating income | (0.1) | (1.5) | 1.4 |  |
|  | Income before special items | (0.3) | (1.5) | 1.2 |  |
| Eliminations | Net sales | (15.3) | (16.0) | 0.7 |  |
| Total | Net sales | 1,469.4 | 1,460.0 | 9.4 |  |
|  | Operating income | 24.8 | 40.0 | (15.2) |  |
|  | Income before special items | 32.7 | 46.0 | (13.3) |  |

Inventory valuation by periodic inventory system and the lower of cost or market method

| Petroleum | 32.4 | 36.0 | $(3.6)$ |
| :--- | ---: | ---: | ---: |
| Metals | 1.9 | 0.5 | 1.4 |
| Other Operations | $(0.7)$ | $(0.5)$ | $(0.2)$ |
| Total | 33.6 | 36.0 | $(2.4)$ |

## 2. Annual Forecast for Fiscal 2009 (Consolidated)

<1>Comparison with Fiscal 2008
(1)Key Factors

|  |  |  | Fiscal 2009 |  |  | Fiscal 2008 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} \hline \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $2 \mathrm{H}$ <br> Forecast | Total Forecast | $\begin{gathered} \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $\begin{gathered} 2 \mathrm{H} \\ \text { Actual } \end{gathered}$ | Total Actual | 2Q (1H) | 2 H | Total |
| All Segments | Exchange rate | Yen/\$ | 95 | 90 | 93 | 106 | 95 | 101 | (11) | (5) | (8) |
| Petroleum | Dubai spot price | \$/bbl | 63.5 | 70.0 | 66.8 | 115.1 | 48.4 | 81.8 | (51.6) | 21.6 | (15.0) |
|  | Market price of paraxylene (ACP) | \$/t | 985 | 1,030 | 1,008 | 1,339 | 700 | 1,020 | (354) | 330 | (13) |
| Metals | Market price of copper | \$/lb | 239 | 250 | 244 | 366 | 166 | 266 | (127) | 84 | (22) |
|  | Refined copper sales | Kt/period | 301 | 298 | 599 | 308 | 311 | 619 | (8) | (13) | (21) |
|  | Gold recovery volume * | t/period | 2.8 | 3.3 | 6.2 | 3.7 | 3.4 | 7.0 | (0.8) | (0.0) | (0.9) |
|  | Treated rolled copper foil sales | Mm/month | 2.6 | 2.9 | 2.8 | 3.4 | 1.7 | 2.6 | (0.7) | 1.2 | 0.2 |
|  | Precision rolled products sales | Kt/month | 3.1 | 3.8 | 3.4 | 3.6 | 1.8 | 2.7 | (0.6) | 2.0 | 0.7 |

* Gold recovery volume in the Recycling and Environmental Services business
(2)Outline of Consolidated Statements of Income

| (Billions of yen) | Fiscal 2009 |  |  | Fiscal 2008 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $2 \mathrm{H}$ <br> Forecast | Total Forecast | $\begin{gathered} \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $\begin{gathered} 2 \mathrm{H} \\ \text { Actual } \end{gathered}$ | Total Actual | 2Q (1H) | 2H | Total |
| Net sales | 1,469.4 | 1,650.6 | 3,120.0 | 2,378.5 | 1,686.6 | 4,065.1 | (909.1) | (36.0) | (945.1) |
| Operating income | 24.8 | 30.2 | 55.0 | 50.9 | (152.6) | (101.7) | (26.1) | 182.7 | 156.7 |
| Other income and expenses, net | 7.9 | 12.1 | 20.0 | 36.6 | (2.4) | 34.2 | (28.7) | 14.5 | (14.2) |
| Equity in income of non-consolidated subsidiaries and affiliates Other, net | $\begin{aligned} & 10.8 \\ & (2.9) \\ & \hline \end{aligned}$ | $\begin{aligned} & 18.7 \\ & (6.6) \end{aligned}$ | $\begin{array}{r} 29.5 \\ (9.5) \\ \hline \end{array}$ | $\begin{aligned} & \hline 43.3 \\ & (6.7) \\ & \hline \end{aligned}$ | $\begin{array}{r} 5.6 \\ (8.0) \end{array}$ | $\begin{array}{r} 48.9 \\ (14.7) \\ \hline \end{array}$ | $\begin{array}{r} (32.5) \\ 3.7 \end{array}$ | $\begin{array}{r} 13.1 \\ 1.4 \\ \hline \end{array}$ | $\begin{array}{r} (19.4) \\ 5.2 \end{array}$ |
| Income before special items | 32.7 | 42.3 | 75.0 | 87.5 | (155.0) | (67.4) | (54.8) | 197.2 | 142.4 |
| Special profit and loss, net | (1.8) | (3.2) | (5.0) | (4.0) | (14.4) | (18.4) | 2.2 | 11.2 | 13.4 |
| Income taxes | 9.1 | 12.9 | 22.0 | 25.4 | (83.0) | (57.6) | (16.3) | 95.9 | 79.6 |
| Minority interests in earnings of consolidated subsidiaries | 3.1 | 4.9 | 8.0 | 12.4 | 0.2 | 12.6 | (9.3) | 4.7 | (4.6) |
| Net income | 18.8 | 21.2 | 40.0 | 45.8 | (86.6) | (40.8) | (27.0) | 107.8 | 80.8 |
| Earnings per share (yen) | 20.26 |  | 43.18 | 49.39 |  | (44.02) | (29.13) |  | 87.20 |
| Number of shares (1,000 shares) | 926,364 |  | 926,360 | 926,829 |  | 926,698 |  |  |  |

*Earnings per share of annual forecast for Fiscal 2009 is calculated on the basis of the number of shares outstanding at the end of September, 2009
Inventory valuation by periodic inventory system and the lower of cost or market methoc

| Profit or loss in inventory valuation | 33.6 | 8.4 | 42.0 | 38.0 | (197.6) | (159.6) | (4.4) | 206.0 | 201 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |

## (3)Segment Information

| (Billions of yen) |  | Fiscal 2009 |  |  | Fiscal 2008 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2Q (1H) | $\begin{array}{c\|} \hline 2 \mathrm{H} \\ \text { Forecast } \\ \hline \end{array}$ | $\begin{gathered} \hline \text { Total } \\ \text { Forecast } \end{gathered}$ | $\begin{gathered} \hline 2 \mathrm{Q}(1 \mathrm{H}) \\ \text { Actual } \end{gathered}$ | $\begin{array}{c\|} \hline 2 \mathrm{H} \\ \text { Actual } \end{array}$ | Total Actual | 2Q (1H) | 2 H | Total |
|  |  | Actual |  |  |  |  |  |  |  |  |
| Petroleum | Net sales | 1,101.2 | 1,268.8 | 2,370.0 | 1,797.8 | 1,318.3 | 3,116.1 | (696.6) | (49.5) | (746.1) |
|  | Operating income | 18.0 | 25.0 | 43.0 | 24.5 | (129.5) | (105.0) | (6.5) | 154.5 | 148.0 |
|  | Income before special Items | 17.9 | 22.6 | 40.5 | 26.4 | (131.6) | (105.2) | (8.5) | 154.2 | 145.7 |
| Metals | Net sales | 353.8 | 363.2 | 717.0 | 557.4 | 344.7 | 902.1 | (203.6) | 18.5 | (185.1) |
|  | Operating income | 7.0 | 5.5 | 12.5 | 20.3 | (25.7) | (5.4) | (13.3) | 31.2 | 17.9 |
|  | Income before special items | 15.2 | 19.8 | 35.0 | 54.3 | (25.8) | 28.5 | (39.1) | 45.6 | 6.5 |
| Other Operations * | Net sales | 29.7 | 35.3 | 65.0 | 39.4 | 45.3 | 84.7 | (9.7) | (10.0) | (19.7) |
|  | Operating income | (0.1) | (0.4) | (0.5) | 6.1 | 2.6 | 8.7 | (6.2) | (3.0) | (9.2) |
|  | Income before special items | (0.3) | (0.2) | (0.5) | 6.8 | 2.4 | 9.2 | (7.1) | (2.6) | (9.7) |
| Eliminations | Net sales | (15.3) | (16.7) | (32.0) | (16.1) | (21.8) | (37.9) | 0.9 | 5.0 | 5.9 |
| Total | Net sales | 1,469.4 | 1,650.6 | 3,120.0 | 2,378.5 | 1,686.6 | 4,065.1 | (909.1) | (36.0) | (945.1) |
|  | Operating income | 24.8 | 30.2 | 55.0 | 50.9 | (152.6) | (101.7) | (26.1) | 182.7 | 156.7 |
|  | Income before special items | 32.7 | 42.3 | 75.0 | 87.5 | (155.0) | (67.4) | (54.8) | 197.2 | 142.4 |

Inventory valuation by periodic inventory system and the lower of cost or market methoc

| Petroleum | 32.4 | 8.1 | 40.5 | 37.5 | $(178.0)$ | $(140.5)$ | $(5.2)$ | 186.2 | 181.0 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Metals | 1.9 | 0.1 | 2.0 | 0.6 | $(19.0)$ | $(18.5)$ | 1.4 | 19.1 | 20.5 |
| Other Operations | $(0.7)$ | 0.2 | $(0.5)$ | $(0.0)$ | $(0.5)$ | $(0.6)$ | $(0.6)$ | 0.7 | 0.1 |
| Total | 33.6 | 8.4 | 42.0 | 38.0 | $(197.6)$ | $(159.6)$ | $(4.4)$ | 206.0 | 201.6 |

<2>Comparison with the Previous Forecast announced on April 30, 2009
(1)Key Factors

|  |  |  | Fiscal 2009 (Revised Forecast) |  |  | Fiscal 2009 (Previous Forecast) |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $\begin{gathered} \text { 2Q (1H) } \\ \text { Actual } \\ \hline \end{gathered}$ | $2 \mathrm{H}$ <br> Forecast | Total Forecast | $\begin{aligned} & \hline 2 \mathrm{Q}(1 \mathrm{H}) \\ & \text { Forecast } \end{aligned}$ | $\begin{gathered} 2 \mathrm{H} \\ \text { Forecast } \end{gathered}$ | Total Forecast | 2Q (1H) | 2H | Total |
| All Segments | Exchange rate | Yen/\$ | 95 | 90 | 93 | 100 | 100 | 100 | (5) | (10) | (7) |
| Petroleum | Dubai spot price | \$/bbl | 63.5 | 70.0 | 66.8 | 50.0 | 60.0 | 55.0 | 13.5 | 10.0 | 11.8 |
|  | Market price of paraxylene (ACP) | \$/t | 985 | 1,030 | 1,008 | 920 | 1,020 | 970 | 65 | 10 | 38 |
| Metals | Market price of copper | \$ /lb | 239 | 250 | 244 | 190 | 210 | 200 | 49 | 40 | 44 |
|  | Refined copper sales | Kt/period | 301 | 298 | 599 | 297 | 304 | 601 | 4 | (6) | (2) |
|  | Gold recovery volume * | t/period | 2.8 | 3.3 | 6.2 | 4.0 | 3.9 | 7.9 | (1.1) | (0.6) | (1.7) |
|  | Treated rolled copper foil sales | Mm/month | 2.6 | 2.9 | 2.8 | 2.1 | 2.2 | 2.1 | 0.6 | 0.7 | 0.7 |
|  | Precision rolled products sales | Kt/month | 3.1 | 3.8 | 3.4 | 2.4 | 2.7 | 2.5 | 0.7 | 1.1 | 0.9 |

* Gold recovery volume in the Recycling and Environmental Services business
(2)Outline of Consolidated Statements of Income

| (Billions of yen) | Fiscal 2009 (Revised Forecast) |  |  | Fiscal 2009 (Previous Forecast) |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | 2 H <br> Forecast | Total Forecast | $\begin{aligned} & \hline 2 \mathrm{Q}(1 \mathrm{H}) \\ & \text { Forecast } \\ & \hline \end{aligned}$ | 2 H <br> Forecast | Total Forecast | 2Q (1H) | 2H | Total |
| Net sales | 1,469.4 | 1,650.6 | 3,120.0 | 1,410.0 | 1,640.0 | 3,050.0 | 59.4 | 10.6 | 70.0 |
| Operating income | 24.8 | 30.2 | 55.0 | 44.0 | 59.0 | 103.0 | (19.2) | (28.8) | (48.0) |
| Other income and expenses, net | 7.9 | 12.1 | 20.0 | 6.0 | 6.0 | 12.0 | 1.9 | 6.1 | 8.0 |
| Equity in income of non-consolidated subsidiaries and affiliates Other, net | $\begin{aligned} & 10.8 \\ & (2.9) \end{aligned}$ | $\begin{aligned} & 18.7 \\ & (6.6) \end{aligned}$ | $\begin{array}{r} 29.5 \\ (9.5) \\ \hline \end{array}$ | $\begin{aligned} & 10.5 \\ & (4.5) \end{aligned}$ | $\begin{aligned} & 12.5 \\ & (6.5) \\ & \hline \end{aligned}$ | $\begin{array}{r} 23.0 \\ (11.0) \end{array}$ | 0.3 1.6 | $\begin{array}{r} 6.2 \\ (0.1) \\ \hline \end{array}$ | 6.5 <br> 1.5 |
| Income before special items | 32.7 | 42.3 | 75.0 | 50.0 | 65.0 | 115.0 | (17.3) | (22.7) | (40.0) |
| Special profit and loss, net | (1.8) | (3.2) | (5.0) | (3.0) | (2.0) | (5.0) | 1.2 | (1.2) |  |
| Income taxes | 9.1 | 12.9 | 22.0 | 20.0 | 24.0 | 44.0 | (10.9) | (11.1) | (22.0) |
| Minority interests in earnings of consolidated subsidiaries | 3.1 | 4.9 | 8.0 | 2.0 | 4.0 | 6.0 | 1.1 | 0.9 | 2.0 |
| Net income | 18.8 | 21.2 | 40.0 | 25.0 | 35.0 | 60.0 | (6.2) | (13.8) | (20.0) |
| Earnings per share* (yen) | 20.26 |  | 43.18 | 26.99 |  | 64.77 | (6.73) |  | (21.59) |
| Number of shares (1,000 shares) | 926,364 |  | 926,360 | 926,371 |  | 926,371 |  |  |  |

*Earnings per share of the revised annual forecast for Fiscal 2009 is calculated on the basis of the number of shares outstanding at the end of September, 2009.

## Inventory valuation by periodic inventory system and the lower of cost or market methoc

| Profit or loss in inventory valuation | 33.6 | 8.4 | 42.0 | 23.0 | 17.0 | 40.0 | 10.6 | (8.6) | 2.0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |



Inventory valuation by periodic inventory system and the lower of cost or market methoc

| Petroleum | 40.5 | 40.0 | 0.5 |
| :--- | ---: | ---: | ---: |
| Metals | 2.0 | - | 2.0 |
| Other Operations | $(0.5)$ | - | $(0.5)$ |
| Total | 42.0 | 40.0 | 2.0 |

## II Segment Information -Fiscal 2009 2Q(1H) Results and Fiscal 2009 Annual Forecast

<1>Petroleum (Japan Energy Group)
(1)Sales Volume and Growth Rate

|  | Sales Volume (Thousands of KL) |  |  |  |  |  |  |  |  | Growth Rate YoY |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Fiscal 2009 |  |  | Fiscal 2008 |  |  | Difference |  |  |  |  |  |
|  | $\begin{gathered} \hline 2 \mathrm{Q}(1 \mathrm{H}) \\ \text { Actual } \\ \hline \end{gathered}$ | 2 H Forecast | Total Forecast | $\begin{array}{c\|} \hline 2 \mathrm{Q}(1 \mathrm{H}) \\ \text { Actual } \\ \hline \end{array}$ | 2 H Actual | Total Actual | 2Q (1H) | 2 H | Total | $\begin{gathered} \hline \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $2 \mathrm{H}$ <br> Forecast | Total Forecast |
| Gasoline | 2,901 | 2,760 | 5,661 | 2,947 | 2,790 | 5,737 | (46) | (30) | (76) | 98.4\% | 98.9\% | 98.7\% |
| Naphtha | 2,143 | 2,170 | 4,313 | 2,090 | 2,249 | 4,339 | 53 | (79) | (26) | 102.5\% | 96.5\% | 99.4\% |
| Jet Fuel | 146 | 145 | 291 | 296 | 285 | 581 | (150) | (140) | (290) | 49.3\% | 50.9\% | 50.1\% |
| Kerosene | 529 | 1,570 | 2,099 | 573 | 1,590 | 2,163 | (44) | (20) | (64) | 92.3\% | 98.7\% | 97.0\% |
| Gas Oil | 1,910 | 1,880 | 3,790 | 2,083 | 1,951 | 4,034 | (173) | (71) | (244) | 91.7\% | 96.3\% | 93.9\% |
| A Heavy Fuel | 820 | 1,000 | 1,820 | 917 | 1,056 | 1,973 | (97) | (56) | (153) | 89.4\% | 94.7\% | 92.3\% |
| C Heavy Fuel | 580 | 620 | 1,200 | 1,139 | 855 | 1,994 | (559) | (235) | (794) | 50.9\% | 72.5\% | 60.2\% |
| Total (domestic sales) | 9,029 | 10,145 | 19,174 | 10,045 | 10,776 | 20,821 | $(1,016)$ | (631) | $(1,647)$ | 89.9\% | 94.1\% | 92.1\% |
| Total (export sales) | 1,819 | 1,745 | 3,564 | 1,936 | 2,220 | 4,156 | (117) | (475) | (592) | 94.0\% | 78.6\% | 85.7\% |
| Total (domestic + export) | 10,848 | 11,890 | 22,738 | 11,981 | 12,996 | 24,977 | $(1,133)$ | $(1,106)$ | $(2,239)$ | 90.5\% | 91.5\% | 91.0\% |
| Gasoline \& middle distillation (Domestic sales) | 6,160 | 7,210 | 13,370 | 6,521 | 7,387 | 13,907 | (361) | (177) | (537) | 94.5\% | 97.6\% | 96.1\% |

Source : Specified Statistics No. 51
(2)Refining Volume of Crude Oil and Capacity Utilization Rate of Crude Oil Distillation Units

|  |  | Fiscal 2009 |  |  | Fiscal 2008 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Apr.-Jun. Actual | Jul.-Sep. Actual | $\begin{gathered} \hline 2 \mathrm{Q}(1 \mathrm{H}) \\ \text { Actual } \end{gathered}$ | Apr.-Jun. Actual | Jul.-Sep. Actual | $\begin{gathered} \hline \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | Oct.-Dec. Actual | \|Jan.-Mar.| <br> Actual | Total |
| Group Total | Refining volume (ten thousand of KL) | 509 | 543 | 1,053 | 562 | 583 | 1,145 | 619 | 523 | 2,287 |
|  | Utilization rate(\%) | 74\% | 75\% | 75\% | 82\% | 84\% | 83\% | 89\% | 77\% | 83\% |
|  | YoY(\%) | 91\% | 93\% | 92\% | 120\% | 104\% | 111\% | 102\% | 84\% | 101\% |
| Mizushima | Refining volume (ten thousand of KL) | 205 | 269 | 474 | 288 | 285 | 573 | 293 | 216 | 1,082 |
|  | Utilization rate(\%) | 69\% | 82\% | 76\% | 97\% | 95\% | 96\% | 98\% | 74\% | 91\% |
|  | YoY(\%) | 71\% | 94\% | 83\% | 148\% | 99\% | 119\% | 99\% | 76\% | 102\% |
| Kashima | Refining volume (ten thousand of KL) | 304 | 274 | 579 | 274 | 298 | 572 | 326 | 307 | 1,205 |
|  | Utilization rate(\%) | 78\% | 69\% | 74\% | 70\% | 75\% | 73\% | 82\% | 79\% | 77\% |
|  | YoY(\%) | 111\% | 92\% | 101\% | 101\% | 108\% | 105\% | 105\% | 91\% | 101\% |

Refining capacity of Japan Energy Group's refineries

> Mizushima Refinery, Japan Energy 205,200 barrels/day (~August 9, 2009), 240,200 barrels/day (after August 10, 2009) Kashima Refinery, Kashima Oil $\quad 270,000$ barrels/day (including 60,000 barrels/day of Kashima Aromatics)
(3)Number of JOMO Service Stations

|  | Mar-03 | Mar-04 | Mar-05 | Mar-06 | Mar-07 | Mar-08 | Sep-08 | Mar-09 | Sep-09 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Owned by Japan Energy | 1,229 | 1,207 | 1,172 | 1,154 | 1,143 | 1,106 | 1,093 | 1,059 | 1,035 |
| <Self-SS> | 227 | 264 | 297 | 347 | 384 | 410 | 439 | 446 | 463 |
| Owned by wholesalers and others | 3,067 | 2,943 | 2,851 | 2,679 | 2,565 | 2,449 | 2,348 | 2,285 | 2,234 |
| <Self-SS> | 95 | 121 | 143 | 187 | 222 | 257 | 264 | 283 | 295 |
| Total | 4,296 | 4,150 | 4,023 | 3,833 | 3,708 | 3,555 | 3,441 | 3,344 | 3,269 |
| <Self-SS> | 322 | 385 | 440 | 534 | 606 | 667 | 703 | 729 | 758 |

## <2>Metals (Nippon Mining \& Metals Group)

(1)Metals - Price and Sales Volume

|  |  |  | Fiscal 2009 |  |  | Fiscal 2008 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $2 \mathrm{Q}(1 \mathrm{H})$ <br> Actual | 2 H Forecast | Total Forecast | $\begin{gathered} \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $\begin{gathered} 2 \mathrm{H} \\ \text { Actual } \end{gathered}$ | Total Actual | 2Q (1H) | 2 H | Total |
| Price | Copper | \$/lb | 239 | 250 | 244 | 366 | 166 | 266 | (127) | 84 | (22) |
|  | Gold | \$/toz | 941 | 900 | 921 | 883 | 852 | 867 | 58 | 48 | 54 |
|  | Platinum | \$/toz | 1,201 | 1,050 | 1,126 | 1,783 | 943 | 1,363 | (582) | 107 | (237) |
|  | Palladium | \$/toz | 253 | 220 | 237 | 387 | 195 | 291 | (134) | 25 | (55) |
| Sales volume | Refined copper | Kt/period | 301 | 298 | 599 | 308 | 311 | 619 | (8) | (13) | (21) |
| Gold recovery volume * |  | t/period | 2.8 | 3.3 | 6.2 | 3.7 | 3.4 | 7.0 | (0.8) | (0.0) | (0.9) |

* Gold recovery volume in the Recycling and Environmental Services business
(2)Electronic Materials - Breakdown of Income before Special Items by Product

| (Billions of yen) | Fiscal 2009 |  |  | Fiscal 2008 |  |  | Difference |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \hline \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $2 \mathrm{H}$ <br> Forecast | Total Forecast | $\begin{gathered} \text { 2Q (1H) } \\ \text { Actual } \end{gathered}$ | $\begin{gathered} 2 \mathrm{H} \\ \text { Actual } \end{gathered}$ | Total Actual | 2Q (1H) | 2 H | Total |
| Copper foil | (0.0) | 0.7 | 0.7 | 0.1 | (2.9) | (2.8) | (0.1) | 3.6 | 3.5 |
| Thin film materials | 2.3 | 3.0 | 5.3 | 4.0 | 0.3 | 4.4 | (1.7) | 2.7 | 0.9 |
| Metal manufacturing | (0.5) | 1.3 | 0.9 | 2.5 | (4.2) | (1.7) | (2.9) | 5.5 | 2.6 |
| Inter-segment adjustment | (0.3) | 0.2 | (0.0) | 0.3 | 0.3 | 0.6 | (0.6) | (0.1) | (0.7) |
| Inventory valuation * | 2.8 | - | 2.8 | 0.6 | (18.1) | (17.5) | 2.2 | 18.1 | 20.3 |
| Total | 4.3 | 5.2 | 9.5 | 7.5 | (24.5) | (17.1) | (3.1) | 29.7 | 26.6 |

* Inventory valuation by periodic inventory system and the lower of cost or market methoc

* Excluding inventory valuation by periodic inventory system and the lower of cost or market methoc


## III Consolidated Balance Sheets, Cash Flows, etc.

## 1.Consolidated Balance Sheets

|  | Sep. 30, 2009(A) Actual | Mar. 31, 2009(B) <br> Actual | Difference(A)-(B) | (Billions of yen) |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $\begin{aligned} & \text { Mar. 31, } \\ & \text { 2010(C) } \\ & \text { Forecast } \end{aligned}$ | Difference (C)-(B) |
| Total assets | 1,987.7 | 1,886.1 | 101.7 | 1,994.0 | 107.9 |
| Current assets Fixed assets | $\begin{array}{r} 854.1 \\ 1,133.6 \end{array}$ | $\begin{array}{r} 792.1 \\ 1,094.0 \end{array}$ | $\begin{aligned} & 62.0 \\ & 39.6 \end{aligned}$ |  |  |
| Total liabilities | 1,282.6 | 1,226.1 | 56.5 | 1,267.0 | 40.9 |
| Current liabilities Long-term liabilities | $\begin{aligned} & 814.7 \\ & 468.0 \end{aligned}$ | $\begin{aligned} & \hline 758.5 \\ & 467.7 \end{aligned}$ | $\begin{array}{r}56.2 \\ 0.3 \\ \hline\end{array}$ |  |  |
| Net assets | 705.1 | 659.9 | 45.2 | 727.0 | 67.1 |
| Shareholders' equity and valuation and translation adjustment Minority interests etc. | 597.6 107.6 | 567.3 92.6 | 30.2 15.0 | 612.0 115.0 | 44.7 22.4 |
| Shareholders' equity ratio *1 | 30.1\% | 30.1\% |  | 30.7\% | 0.6\% |
| BPS (yen/share) *1 *2 | 645 | 612 | 33 | 661 | 48 |
| Interest-bearing debt | 771.7 | 705.0 | 66.6 | 765.5 | 60.5 |
| Debt to equity ratio | 1.29 | 1.24 | 0.05 | 1.25 | 0.01 |

*1 In calculation of shareholders' equity ratio and BPS, "Shareholders' equity and valuation and translation adjustment" is used as shareholders' equity
*2 BPS of the forecast for March 31, 2010 is calculated on the basis of the number of shares outstanding at the end
*2 BPS of the forecast for March 31, 2010 is calculated on the basis of the number of shares outstanding at the end of September, 2009 ( 926,360 thousand shares on a consolidated basis).
(1)Factors in Change from March 31, 2009 to September 30, 2009 (Actual)

| Assets | 101.7 | Cash and cash equivalents, (51.8)(including effect of subsidiaries newly included consolidation at begining of fiscal year, 2.8), Trade <br> receivables and inventories, 150.2, Capital expenditures, 51.2, Lease assets, 0.2, Acquisition of investments in securities and lending of <br> loans, 13.0, Depreciation and amortization (including amortization of goodwill), (38.8), Difference between equity in income of affiliates <br> accounted for by equity method and dividends received from such companies, 10.7, Unrealized gain on marketable securities, 7.1, <br> Deferred tax assets etc., (40.1) |
| :--- | :--- | :--- |
| Liabilities | 56.5 | Interest-bearing debt, 66.6 (Changes in amounts differ from the increase in interest-bearing debt shown in the summary of cash flows <br> due to the effect of subsidiaries newly included consolidation, translation adjustment, etc.), Trade payables, 23.1, Other, (33.2) |
| Net assets | 45.2 | Net income, 18.8, Cash dividends paid, (5.6), Valuation and translation adjustment, 16.1, Minority interests in consolidated subsidiaries <br> etc., 15.9 (effect of subsidiaries newly included consolidation etc.) |

(2)Factors in Change from March 31, 2009 to March 31, 2010 (Forecast)

| Assets | 107.9 | Cash and cash equivalents, (51.5) (including effect of subsidiaries newly included consolidation at begining of fiscal year, 2.8), Trade <br> receivables and inventories, 136.5, Capital expenditures, 95.0, Depreciation and amortization (including amortization of goodwill), (79.0), <br> Acquisition of investments in securities and lending of loans, 26.5, Difference between equity in income of affiliates accounted for by <br> equity method and dividends received from such companies, 26.5, Unrealized gain on marketable securities, 7.0 , Deferred tax assets <br> etc., (53.1) |
| :--- | :--- | :--- |
| Liabilities | 40.9 | Interest-bearing debt, 60.5 (Changes in amounts differ from the increase in interesting-bearing debt shown in the summary of cash flows <br> due to the effect of subsidiaries newly included consolidation, translation adjustment, etc.), Trade payables, 6.0, Other, (25.6) |
| Net assets | 67.1 | Net income, 40.0, Cash dividends paid, (12.5), Valuation and translation adjustment, 16.0, Minority interests in consolidated subsidiaries <br> etc., 23.6(effect of subsidiaries newly included consolidation etc.) |

## 2.Consolidated Cash Flows

|  | Fiscal 2009 |  |  |
| :--- | ---: | ---: | ---: |
|  | 2Q (1H) <br>  <br> Actual | 2 H <br> Forecast | Total <br> Forecast |
| Cash flows from operating activities | $(59.9)$ | 67.4 | 7.5 |
| Cash flows from investing activities | $(54.3)$ | $(55.2)$ | $(109.5)$ |
| Cash flows from financing activities | 58.8 | $(11.8)$ | 47.0 |
| Exchange rate changes *1 | 0.8 | $(0.8)$ | - |
| Cash *2 | $(54.7)$ | $(0.3)$ | $(55.0)$ |
| (Ref.) Free cash flow | $(120.6)$ | 5.1 | $(115.5)$ |


|  | Billions of yen) |  |  |
| ---: | :---: | :---: | :---: |
| Fiscal 2008 |  |  |  |
| 2Q (1H) <br> Actual | 2 H <br> Actual | Total <br> Actual |  |
| $(36.1)$ | 311.1 | 275.1 |  |
| $(46.5)$ | $(47.2)$ | $(93.8)$ |  |
| 81.8 | $(206.1)$ | $(124.3)$ |  |
| $(1.3)$ | $(2.7)$ | $(4.0)$ |  |
| $(2.0)$ | 55.1 | 53.1 |  |
| $(100.0)$ | 254.5 | 154.5 |  |

*1 Effect of exchange rate changes or cash and cash equivalents
*2 Net increase or decrease in cash and cash equivalents
(1)Factors in Change from March 31, 2009 to September 30, 2009

| Operating activities (59.9) | Income before special items, 32.7, Depreciation and amortization (including amortization of goodwill), 38.8, Trade receivables, <br> inventories and trade payables, (129.0), Equity in income of non-consolidated subsidiaries and affiliates, (10.8), Other, 8.4 |
| :--- | :--- | :--- | :--- |
| Investing activities (54.3) | Capital expenditures, (51.2), Acquisition of investments in securities and lending of loans, (13.0), Collection of loan and investments, 7.0, <br> Proceeds from sales of property, plant and equipment etc., 2.9 |
| Financing activities 58.8 | Interest-bearing debt, 62.1, Cash dividends paid, (5.6), Proceeds from third-party allotment of shares of consolidated subsidiary, 3.1, <br> Cash dividends paid to minority shareholders etc., (0.8) |

(2)Factors in Change from March 31, 2009 to March 31, 2010 (Forecast)

| Operating activities 7.5 | Income before special items, 75.0 , Depreciation and amortization (including amortization of goodwill), 79.0 , Trade receivables, <br> inventories and trade payables, (132.5), Equity in income of non-consolidated subsidiaries and affiliates, (29.5), Dividend received from <br> affiliates accounted for by equity method, 3.0, Other, 12.5 |
| :--- | :--- | :--- |
| Investing activities (109.5) | Capital expenditures, (95.0), Acquisition of investments in securities and lending of loans, (26.5), Collection of loan and investments etc., <br> 12.0 |
| Financing activities 47.0 | Interest-bearing debt, 54.5, Cash dividends paid, (12.5), Proceeds from third-party allotment of shares of consolidated subsidiary etc., <br> 6.0, Cash dividends paid to minority shareholders etc., (1.0) |

3.Capital Expenditure and Depreciation and Amortization (Consolidated)

| Billions of yen) | Fiscal 2009 |  |  |
| :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { 2Q (1H) } \\ & \text { Actual } \end{aligned}$ | $\begin{gathered} 2 \mathrm{H} \\ \text { Forecast } \end{gathered}$ | Total Forecast |
| Capital expenditure(including lease assets) | 51.4 | 43.6 | 95.0 |
| Depreciation(including amortization of goodvill) | 38.8 | 40.2 | 79.0 |
| Difference | 12.7 | 3.3 | 16.0 |
| Investments and long-term loans | 13.0 | 13.5 | 26.5 |


| Fiscal 2008 |  |  |
| ---: | ---: | ---: |
| $2 \mathrm{Q}(1 \mathrm{H})$ <br> Actual | 2 H <br> Actual | Total <br> Actual |
| 44.2 | 53.2 | 97.5 |
| 40.0 | 40.6 | 80.6 |
| 4.3 | 12.6 | 16.9 |
|  |  |  |
| 3.1 | 3.1 | 6.2 |

(1)Capital Expenditure by Segment

(2)Depreciation and Amortization by Segment (including amortization of goodwill)

| Billions of yen)2Q (1H) <br> Actual | 2H <br> Forecast | Total <br> Forecast |  |  |  |
| :--- | ---: | ---: | ---: | :---: | :---: |
| Petroleum | 23.4 | 23.6 | 47.0 |  |  |
| Metals | 12.5 | 13.5 | 26.0 |  |  |
| Other Operations * | 2.9 | 3.1 | 6.0 |  |  |
| Total | 38.8 | 40.2 | 79.0 |  |  |
| * Including eliminations or corporate |  |  |  |  |  |


| Fiscal 2008 |  |  |
| ---: | ---: | ---: |
| $2 \mathrm{Q}(1 \mathrm{H})$ <br> Actual | 2 H <br> Actual | Total <br> Actual |
| 22.3 | 23.0 | 45.3 |
| 14.8 | 14.7 | 29.6 |
| 2.8 | 2.9 | 5.7 |
| 40.0 | 40.6 | 80.6 |

## 4.Interest-bearing Debt

|  | Billions of yen) |  |  |
| :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Sep. 30, } \\ 2009 \end{gathered}$ | $\begin{gathered} \hline \text { Mar. 31, } \\ 2009 \end{gathered}$ | Difference |
| Petroleum | 543.4 | 465.5 | 77.9 |
| Metals | 197.8 | 168.8 | 29.0 |
| Other Operations * | 30.5 | 70.7 | (40.2) |
| Total | 771.7 | 705.0 | 66.6 |

## 5.Dividend

 *Payment Amount of Fiscal 2009 is calculated on the basis of the number of shares outstanding at the end September, 2009, which is 927,014 thousand shares (non-consolidated)

## 6.Number of Employees

|  | $\begin{gathered} \hline \text { Mar. 31, } \\ 2006 \\ \text { Actual } \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Mar. 31, } \\ 2007 \\ \text { Actual } \\ \hline \end{gathered}$ | $\begin{gathered} \hline \text { Mar. 31, } \\ 2008 \\ \text { Actual } \end{gathered}$ | $\begin{gathered} \hline \text { Mar. 31, } \\ 2009 \\ \text { Actual } \\ \hline \end{gathered}$ | $\begin{gathered} \text { Sep. 30, } \\ 2009 \\ \text { Actual } \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Petroleum | 3,920 | 3,999 | 4,196 | 4,277 | 4,380 |
| Metals | 4,348 | 4,704 | 4,851 | 4,975 | 5,058 |
| Others* | 1,311 | 1,266 | 1,269 | 1,477 | 1,498 |
| Total | 9,579 | 9,969 | 10,316 | 10,729 | 10,936 |

## Forward-looking statements

- This material includes Nippon Mining Holdings' future plans, strategies, earnings forecast and outlook.
- Information in this material includes not only facts that have occurred, but also includes forecasts, assumptions and opinions based on available information as of October 30, 2009.
- This material includes unlimited risks and uncertainties related to economic conditions, competition in the industry, market demand, foreign exchange rates, the tax system and other regulations.
- Hence, please note that actual results may differ from forecasts described in this material.


[^0]:    * Inventory valuation by periodic inventory system and the lower of cost or market method included in inventory valuation.

