

# Fiscal 2014 Supplementary Information

## May 11, 2015 DOWA HOLDINGS CO.,LTD.

<sup>\*</sup> Forward-looking statements made in this document, such as business forecasts, are based on the information available at this time and on certain premises that the Company assumes to be reasonable. Actual performance may differ materially from such forecasts due to a variety of factors.

#### Highlights of Income Statements

■ Consolidated Income Statements

Billion yen

	FY2	013 Res	sults	FY2	014 Res	sults			Change				
	H1	H2	Full Year	H1	H2	Full Year	Н	H1		H2		Full Year	
Net Sales	211.8	232.0	443.9	223.6	240.5	464.2	11.7	6%	8.4	4%	20.2	5%	
Operating Income	16.3	15.4	31.7	16.8	22.2	39.0	0.4	3%	6.8	44%	7.2	23%	
Non-operating Income/Expenses	1.4	1.7	3.2	1.6	1.2	2.9	0.1	-	(0.5)	-	(0.3)	-	
Ordinary Income	17.8	17.2	35.0	18.4	23.5	42.0	0.6	4%	6.3	37%	6.9	20%	
Extraordinary Income/Loss	(0.2)	(1.8)	(2.0)	(0.3)	0.0	(0.2)	0.0	-	1.8	-	1.8	-	
Net Income	11.7	11.5	23.3	12.1	14.3	26.5	0.4	4%	2.7	24%	3.2	14%	

- For the fiscal year ended March 31, 2015(FY2014), both sales and income surged year on year.

All the segments, excluding the Environmental Management & Recycling segment, achieved income growth. The positive effect of the weakening yen on earnings emerged mainly in the Nonferrous Metals segment. Global demand for automotive products and smartphone remained buoyant.

- The income figure was also higher than the forecast level announced on May 8, 2014.

	Forecasts	Results	Change
Net Sales	470.0	464.2	△ 5.8
Operating Income	36.5	39.0	2.5
Ordinary Income	38.0	42.0	4.0
Net Income	25.0	26.5	1.5

#### **Business Environment**

#### ■ Market situation

- ➤ Environmental Management & Recycling-related market: Industrial waste emissions remained flat in Japan while they grew overseas, mainly in Asia. Meanwhile, the circumstances surrounding collection competition are intensifying.
- Automotive-related market: Domestic production was down year on year due to the fall in demand that followed the last-minute surge before the consumption tax hike. While varying from region to region, overseas production was bullish, supported by strong sales in North America.
- ➤ Electronic Materials and Semiconductor-related market: While the computer market stayed weak, TV demand hit bottom. Demand for smartphone and demand in the new energy sector continue to grow.

#### ■ Metal prices and foreign exchange rates

- ➤ Metal prices: Following the strong dollar and concern about demand slowdown, prices of copper and precious metals dropped. Meanwhile, the price of zinc stayed strong.
- ➤ Foreign exchange rates: The yen continued its plunge to the 120 JPY/USD range in the second half amid financial relaxation and other measures.

	F	Y2013 Averag	je	FY2014 Average				
	H1	H2	Full Year	H1	H2	Full Year		
Exchange Rate: (¥/\$)	98.9	101.6	100.2	103.0	116.8	109.9		
Copper: (\$/t)	7,112	7,095	7,104	6,890	6,218	6,554		
Zinc: (\$/t)	1,850	1,969	1,910	2,192	2,158	2,175		
Indium: (\$/kg)	565	683	624	692	608	650		

## Trends in Major Products

Indexes (100 for Q1 of FY2012)

			FY2	013			FY2	014	
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
	Intermediate waste processing volume in Japan	100	96	104	91	101	86	101	97
Environmental Management & Recycling	Recycling materials collection volume (Kosaka)	100	102	108	109	118	106	101	76
Recycling	Waste processing amount in South East Asia	100	115	112	109	137	130	120	131
Nonferrous	Silver production (Kosaka)	100	96	113	103	94	93	109	104
Metals	Zinc production (Akita)	100	69	99	96	103	67	93	99
	Compound semiconductor materials sales volume	100	109	99	111	139	108	104	120
Electronic Materials	LED sales volume	100	88	78	90	113	93	103	110
	Silver power sales volume	100	89	119	117	121	110	96	101
Metal Processing	Copper alloy strip products sales volume	100	99	105	103	110	103	107	102
Heat Treatment	Heat treatment processing volume	100	101	101	104	105	109	110	109

## Year-on-Year Comparison by Segment

	FY2	2013 Resu	ults	FY2	014 Resu	lts		Change		,
	Net Sales	Operating Income	Ordinary Income	Net Sales	Operating Income	Ordinary Income	Net Sales	Operating Income	Ordinary Income	Details of Changes to Operating Income
Environmental Management & Recycling	101.4	9.4	9.8	103.8	7.3	8.2	2.4	(2.1)	(1.5)	<ul> <li>Income declined due to the decrease in the volume of low-contaminated PCB waste treated.</li> <li>Income declined following the end of a spot project in the preceding fiscal year.</li> </ul>
Nonferrous Metals	217.6	7.0	9.3	238.5	13.5	15.4	20.9	6.5	6.0	<ul> <li>Copper and zinc smelter operations remained steady.</li> <li>The treatment of PGM materials in stock sped up.</li> <li>Income grew with the yen depreciation and a turnaround in raw material conditions.</li> <li>Costs rose due to rising electricity charges.</li> </ul>
Electronic Materials	83.2	6.7	7.8	73.6	8.8	9.6	(9.5)	2.0	1.8	- Sales of LEDs, silver powder and others to growth markets expanded.
Metal Processing	82.2	5.3	5.6	87.6	5.8	6.1	5.4	0.4	0.5	<ul> <li>Demand for automotive terminals, connector materials and plating was firm.</li> <li>There was growth in metal-ceramic substrates for industrial machinery.</li> </ul>
Heat Treatment	24.6	2.2	2.1	27.3	2.3	2.2	2.7	0.0	0.1	<ul> <li>Overseas: There was an increase in heat treatment and industrial furnace sales following market expansion.</li> <li>Japan: Income slid after a decrease in automobile production and cost increases.</li> </ul>
Other/ Elimination	(65.1)	0.8	0.2	(66.8)	1.2	0.3	(1.7)	0.3	0.0	
Total	443.9	31.7	35.0	464.2	39.0	42.0	20.2	7.2	6.9	

## Factor Analysis of Ordinary Income

FY2013 - FY2014	Environmental Management & Recycling	Nonferrous Metals	Electronic Materials	Metal Processing	Heat Treatment	Other	Total
Effect of various measures, increase/ decrease in sales, etc.	(2.4)	2.2	2.0	0.3	0.2	0.4	2.7
Of the above, free metal income difference (volume difference)	_	1.4	_	_	_	_	1.4
Free metal income difference (price difference)	_	1.8	_	-	_	_	1.8
Conditions of raw material (changes in exchange rate and base conditions)	_	2.9	_	_	_	_	2.9
Difference between the market value and book value at sale, and between market value and valuation prices at end of period	_	(0.2)	_	_	_	_	(0.2)
Electricity charges, etc.	_	(1.1)	_	_	_	_	(1.1)
Depreciation	0.2	1.0	0.1	0.1	(0.1)	(0.0)	1.2
Increase/decrease in operating income	(2.1)	6.5	2.0	0.4	0.0	0.3	7.2
Effect of non-operating income/expenses							
- Equity method income or loss	0.1	(0.7)	0.0	(0.0)	_	(0.1)	(0.6)
- Other	0.4	0.2	(0.3)	0.1	0.0	(0.2)	0.3
Increase/decrease in ordinary income	(1.5)	6.0	1.8	0.5	0.1	0.0	6.9

## Financial Highlights (1)

#### **■** Consolidated Balance Sheets

	March 31, 2014	March 31, 2015	Change		March 31, 2014	March 31, 2015	Change
Current Assets	173.9	180.2	6.2	Current Liabilities	131.8	118.8	(12.9)
Current Assets	173.9	100.2	0.2	Noncurrent Liabilities	59.9	64.7	4.7
Noncurrent Assets	184.7	198.9	14.2	Equity	158.2	187.1	28.8
Noncurrent Assets	104.7	190.9	14.2	Minority Interests	8.7	8.5	(0.2)
Total Assets	358.7	379.1	20.4	Total Liabilities and Net Assets	358.7	379.1	20.4

- Total assets increased 20.4 billion yen with the establishment of overseas locations, investments in exploration and growth in investments following a market value hike.
- As part of the liabilities, interest-bearing debt contracted from 99.6 billion yen in the preceding fiscal year to 86.6 billion yen.
- After debt repayment and an increase in surplus, the equity ratio rose from 44.1% in the preceding fiscal year to 49.3%.

## Financial Highlights (2)

#### **■** Consolidated Statements of Cash Flows

	FY2013	FY2014	Change
Cash Flows from Operating Activities	30.1	38.3	8.1
Income before income taxes and minority interest	32.9	41.8	8.8
Depreciation	16.7	16.0	(0.6)
Income taxes paid	(9.1)	(13.8)	(4.7)
Other, net	(10.3)	(5.6)	4.6
Cash Flows from Investing Activities	(18.6)	(20.3)	(1.6)
Acquisition of property, plant and equipment	(16.3)	(16.8)	(0.5)
Other investments	(2.3)	(3.4)	(1.1)
Cash Flows from Financing Activities	(12.3)	(16.9)	(4.5)
Total	(0.8)	1.1	1.9

## (Ref.) Consolidated Income Statements

							1		Million yen
		FY2013	- "		FY2014	- "		Change	1 = "
Not Calac	H1	H2	Full Year	H1	H2	Full Year	H1	H2	Full Year
Net Sales	211,885	232,099	443,985	223,640	240,579	464,219		8,479	20,234
Cost of Sales	180,698	201,381	382,079	190,844	200,664	391,509			9,429
Gross Profit	31,187	30,718	61,905	32,795	39,914	72,710	-	9,196	-
Selling, General, and Administrative Expenses, R&D Expenses	14,831	15,280	30,111	15,983	17,632	33,616	· '	2,352	3,505
Operating Income	16,356	15,438	31,794	16,812	22,282	39,094	455	6,844	7,299
Other Income	2,922	3,814	6,736	3,050	3,082	6,133	128	△ 731	△ 603
Interest and dividend income	( 366)	( 332)	( 699)	( 419) (	396)	( 816)	( 52)	( 64)	( 117)
Equity in earnings of affiliates	( 930)	( 1,741)	( 2,672)	( 1,053)	919)	( 1,973)	( 123)	(△ 822)	(△ 698)
Other income	( 1,625)	( 1,739)	( 3,364)	( 1,577)	1,765)	( 3,343)	(△ 47)	( 25)	(△ 21)
Other Expenses	1,425	2,049	3,475	1,370	1,820	3,190	△ 55	△ 229	△ 285
Interest expenses	( 761)	( 755)	( 1,517)	( 588)	577)	( 1,165)	(△ 173)	(△ 178)	(△ 351)
Equity in losses of affiliates	( -)	( -)	( -)	( -)	( -)	( -)	( -)	( -)	( -)
Other expenses	( 663)	( 1,294)	( 1,957)	( 781) (	1,242)	2,024)	( 118)	(△ 51)	( 66)
Ordinary Income	17,853	17,202	35,055	18,492	23,544	42,037	639	6,342	6,981
Extraordinary income	195	294	490	125	4,224	4,349	△ 70	3,929	3,858
Gain on sales of noncurrent assets	( 29)	( 45)	( 74)	( 17)	4,098)	( 4,115)	(△ 12)	( 4,053)	( 4,041)
Gain on sale of investment securities	( 55)	( -)	( 55)	( 87) (	55)	( 142)	( 31)	( 55)	( 87)
Compensation income	( -)	( 104)	( 104)	(-)(	35)	( 35)	( -)	(△ 69)	(△ 69)
Other	( 110)	( 144)	( 255)	( 20) (	34)	( 55)	(△ 90)	(△ 110)	(△ 200)
Extraordinary loss	457	2,100	2,557	429	4,141	4,570	△ 27	2,041	2,013
Loss on valuation of investment securities	( -)	( -)	( -)	(-)(	1,853)	( 1,853)	( -)	( 1,853)	( 1,853)
Loss on disposal of noncurrent assets	( -)	( 1,457)	( 1,457)	(-)(	967)	( 967)	( -)	(△ 490)	(△ 490)
Impairment loss	( 48)	( 3)	( 52)	( 44) (	491)	( 536)	(△ 3)	( 487)	( 483)
Loss on disaster	( 246)	( -)	( 246)	( 226) (	411)	( 637)	(△ 20)	( 411)	( 390)
Loss on retirement of noncurrent assets	( 142)	( 255)	( 397)	( 130) (	287)	( 418)	(△ 11)	( 32)	( 20)
Other	( 19)	( 383)	( 402)	( 27) (	130)	( 157)	( 7)	(△ <b>252</b> )	(△ 244)
Income Before Income Taxes and Minority Interests	17,592	15,397	32,989	18,188	23,672	41,816	596	8,275	8,871
Income Taxes	5,688	3,855	9,544	5,999	9,114	15,113	310	5,258	5,568
Minority Interests in Income	169	△ 35	134	△ 10	168	158	△ 179	203	24
Net Income	11,733	11,576	23,310	12,199	14,344	26,543	465	2,768	3,233
Depreciation	7,684	8,521	16,205	7,275	8,296	15,572	△ 408	△ 224	△ 633

## (Ref.) Consolidated Balance Sheet

Assets Current Assets   5,857   8,517   2,659   1,288   5,857   8,517   2,659   1,288   7,3126   1,288   7,773   81,597   3,824   3,3824   1,3893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,888   1,893   1,893   1,888   1,893   1,893   1,888   1,893   1,893   1,893   1,888   1,893   1,993   1,	Accounts	March 31, 2014	March 31, 2015	Change	Accounts	March 31, 2014	March 31, 2015	Change
Cash and deposits	Assets				Liabilities			
Notes and accounts receivable-trade   71,838   73,126   1,288   Short-term loans payable   41,521   30,459   (11,061)	Current Assets	173,998	180,215	6,216	Current Liabilities	131,803	118,817	(12,985)
Different day assets   77,773	Cash and deposits	5,857	8,517	2,659	Notes and accounts payable-trade	34,502	31,041	(3,460)
Deferred tax assets	Notes and accounts receivable-trade	71,838	73,126	1,288	Short-term loans payable	41,521	30,459	(11,061)
Other Allowance for doubtful accounts (77) (163) (86) (86) Metal leasing liabilities (2,953 4,910 1,957 8,855 8,650 Noncurrent Assets (184,719 198,978 14,259 8 Noncurrent Liabilities (59,927 64,725 4,798 Noncurrent Liabilities (19,309 107,675 3,785 11,841 10,990 (851) 11,841 11,841 10,990 (851) 11,841 11,841 10,990 (851) 11,841 11,841 10,990 (851) 11,841 11,841 10,990 (851) 11,841 11,841 10,990 (851) 11,841 11,841 10,990 (851) 11,841 11,841 11,841 11,841 11,841 11,990 (851) 11,841	Inventories	77,773	81,597	3,824	Commercial papers	10,000	18,000	8,000
Allowance for doubtful accounts (77) (163) (86) Metal leasing liabilities 2,953 (4,910 1,957 Other 25,196 25,782 585 585 Noncurrent Liabilities 59,927 64,725 4,798 Noncurrent Liabilities 38,142 28,208 (9,933) 107,675 3,785 Long-term loans payable 38,142 28,208 (9,933) 107,675 Noncurrent securities 61,612 70,764 9,152 Deferred tax liabilities 2,940 4,420 1,479 Deferred tax assets 3,527 3,372 (154) Other 3,988 6,310 2,322 Total Liabilities 191,730 183,543 (8,187) Noncurrent Liabilities 191,730 183,543 (8,187) Noncur	Deferred tax assets	4,713	5,248	535	Current portion of bonds	10,000		(10,000)
Noncurrent Assets   184,719   198,978   14,259   144,259   198,978   14,259   10,000   10,0	Other	13,893	11,888	(2,004)	Income taxes payable	7,630	8,623	993
Noncurrent Assets   184,719   198,978   14,259   80nds payable   10,000   10,000   10,000	Allowance for doubtful accounts	(77)	(163)	(86)	Metal leasing liabilities	2,953	4,910	1,957
Noncurrent Assets   184,719   198,978   14,259   Bonds payable   38,142   28,208   (9,933)					Other	25,196	25,782	585
Property, plant and equipment   103,890   107,675   3,785   Long-term loans payable   38,142   28,208   (9,933)     Intangible assets   11,841   10,990   (851)   Provision for retirement benefits   12,230   14,508   2,277     Investment securities   61,612   70,764   9,152   Deferred tax assets   3,527   3,372   (154)   Other   6,614   7,588   974     Other   3,988   6,310   (134)   5   Net Assets   144,910   165,731   20,820     Allowance for doubtful accounts   (139)   (134)   5   Net Assets   Net Assets   144,910   165,731   20,820     Accumulated Other Comprehensive Income   Valuation difference on available-for-sale securities   Deferred gains or losses on hedges   315   (197)   (513)   Foreign currency translation adjustment   2,604   6,167   3,563     Retirement benefit adjustment   (523)   (381)   142     Minority Interests   358,717   379,193   20,475   Total Liabilities and Net Assets   358,717   379,193   20,475     Total Assets   166,987   195,649   28,662     Capital surplus   20,475   Total Liabilities and Net Assets   358,717   379,193   20,475     Actual balance   93,806   78,151   (15,654)     Actual balance   93,806   78,151   (15,654)     Actual balance   93,806   74,159   (15,654)     Actual balance   93,806   78,151   (15,654)     Actual balance   93,806   78,151   (15,654)     Actual balance   93,806   78,151   (15,654)     Actual balance   64,196   64,196   64,196   64,296     Actual balance   64,196   64,196   64,196   64,196   64,296     Actual balance   93,806   78,151   (15,654)     Actual balance   64,196   64,196   64,196   64,296     Actual balance   64,196   64,196   64,196     Actual balance   64,196   64,196   64,196   64,296     Actual balance   64,196   64,196   64,196   64,196     Actual balance   64,196   64,196   64,196   64,196   64,196     Actual balance					Noncurrent Liabilities	59,927	64,725	4,798
Intangible assets	Noncurrent Assets	184,719	198,978	14,259	Bonds payable		10,000	10,000
Investment securities	Property, plant and equipment	103,890	107,675	3,785	Long-term loans payable	38,142	28,208	(9,933)
Deferred tax assets   3,527   3,372   (154)   Other   6,614   7,588   974	Intangible assets	11,841	10,990	(851)	Provision for retirement benefits	12,230	14,508	2,277
Other Allowance for doubtful accounts         3,988 (139)         6,310 (134)         2,322 (134)         Total Liabilities         191,730         183,543 (8,187)           Allowance for doubtful accounts         (139)         (134)         5         Net Assets         144,910         165,731 (20,820)           Capital surplus         26,362 (26,362) <t< td=""><td>Investment securities</td><td>61,612</td><td>70,764</td><td>9,152</td><td>Deferred tax liabilities</td><td>2,940</td><td>4,420</td><td>1,479</td></t<>	Investment securities	61,612	70,764	9,152	Deferred tax liabilities	2,940	4,420	1,479
Other Allowance for doubtful accounts         3,988 (139)         6,310 (134)         2,322 (134)         Total Liabilities         191,730         183,543 (8,187)         (8,187)           Allowance for doubtful accounts         (139)         (134)         5         Net Assets         144,910         165,731 (20,820)         20,820         20,820         20,362 (26,362)         26,699 (3)         36,437 (26,999)         (3)         48,244 (26,942)         48,244 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,544 (26,942)         48,642 (26,942)         48,642 (26,942)         48,642 (26,942)         48,642 (26,942)         48,642 (26,942)	Deferred tax assets	3,527	3,372	(154)	Other	6,614	7,588	974
Net Assets   Shareholders' Equity   144,910   165,731   20,820	Other		-			_	-	(8,187)
Shareholders' Equity	Allowance for doubtful accounts		(134)	5	Net Assets			
Capital surplus   26,362   26,362   20,824     Retained earnings   87,806   108,630   20,824     Treasury stock   (5,695)   (5,699)   (3)     Accumulated Other Comprehensive Income   13,343   21,390   8,047     Valuation difference on available-for-sale securities   10,947   15,801   4,854     Deferred gains or losses on hedges   315   (197)   (513)     Foreign currency translation adjustment   2,604   6,167   3,563     Retirement benefit adjustment   (523)   (381)   142     Minority Interests   8,733   8,528   (205)     Total Net Assets   166,987   195,649   28,662     Total Assets   358,717   379,193   20,475   Total Liabilities and Net Assets   358,717   379,193   20,475     Interest-bearing debt   99,663   86,668   (12,995)     Cash and deposits   5,857   8,517   2,659     Actual balance   93,806   78,151   (15,654)     Equity ratio   44.1%   49.3%   5.2%     Total Assets   5,2%   10,000     Capital surplus   26,362   26,362     Capital surplus   26,362   26,362     Capital surplus   26,662   26,362     Capital surplus   26,662   26,362     Capital surplus   26,662   26,862     Capital surplus   26,662     Capital su					Shareholders' Equity	144,910	165,731	20,820
Capital surplus   26,362   26,362   20,824     Retained earnings   87,806   108,630   20,824     Treasury stock   (5,695)   (5,699)   (3)     Accumulated Other Comprehensive Income   13,343   21,390   8,047     Valuation difference on available-for-sale securities   10,947   15,801   4,854     Deferred gains or losses on hedges   315   (197)   (513)     Foreign currency translation adjustment   2,604   6,167   3,563     Retirement benefit adjustment   (523)   (381)   142     Minority Interests   8,733   8,528   (205)     Total Net Assets   166,987   195,649   28,662     Total Assets   358,717   379,193   20,475   Total Liabilities and Net Assets   358,717   379,193   20,475     Interest-bearing debt   99,663   86,668   (12,995)     Cash and deposits   5,857   8,517   2,659     Actual balance   93,806   78,151   (15,654)     Equity ratio   44.1%   49.3%   5.2%     Total Assets   5,2%   10,000     Capital surplus   26,362   26,362     Capital surplus   26,362   26,362     Capital surplus   26,662   26,362     Capital surplus   26,662   26,362     Capital surplus   26,662   26,862     Capital surplus   26,662     Capital su					Capital stock	36,437	36,437	
Treasury stock Accumulated Other Comprehensive Income Valuation difference on available-for-sale securities Deferred gains or losses on hedges Total Assets  358,717 379,193 20,475  Interest-bearing debt Cash and deposits Accumulated Other Comprehensive Income 13,343 21,390 8,047 15,801 4,854 10,947 15,801 4,854 10,947 15,801 4,854 10,947 315,801 4,854 10,947 315,801 4,854 10,947 315,801 4,854 10,947 315,801 4,854 10,947 315,801 4,854 10,947 315,801 4,854 10,947 315,801 4,854 10,947 315,801 4,854 10,947 315,801 4,854 10,947 315,801 4,854 11,947 315,801 4,854 11,947 315,864 11,947 315,864 11,947 315,864 11,947 315,864 11,948 315 315 11,947 315 11,947 315 11,948 315					Capital surplus	26,362	· ·	
Accumulated Other Comprehensive Income   13,343   21,390   8,047     Valuation difference on available-for-sale securities   10,947   15,801   4,854     Deferred gains or losses on hedges   315   (197)   (513)     Foreign currency translation adjustment   2,604   6,167   3,563     Retirement benefit adjustment   (523)   (381)   142     Minority Interests   8,733   8,528   (205)     Total Net Assets   166,987   195,649   28,662     Total Assets   358,717   379,193   20,475     Interest-bearing debt   99,663   86,668   (12,995)     Cash and deposits   5,857   8,517   2,659     Actual balance   93,806   78,151   (15,654)     Equity ratio   44.1%   49.3%   5.2%     Cash and deposits   44.1%   49.3%   6.2%     Cash and deposits   44.1					Retained earnings	87,806	108,630	20,824
Accumulated Other Comprehensive Income   13,343   21,390   8,047     Valuation difference on available-for-sale securities   10,947   15,801   4,854     Deferred gains or losses on hedges   315   (197)   (513)     Foreign currency translation adjustment   2,604   6,167   3,563     Retirement benefit adjustment   (523)   (381)   142     Minority Interests   8,733   8,528   (205)     Total Net Assets   166,987   195,649   28,662     Total Assets   358,717   379,193   20,475     Interest-bearing debt   99,663   86,668   (12,995)     Cash and deposits   5,857   8,517   2,659     Actual balance   93,806   78,151   (15,654)     Equity ratio   44.1%   49.3%   5.2%     Cash and deposits   44.1%   49.3%   6.2%     Cash and deposits   44.1					Treasury stock	(5,695)	(5,699)	(3)
Valuation difference on available-for-sale securities   10,947   15,801   4,854     Deferred gains or losses on hedges   315   (197)   (513)     Foreign currency translation adjustment   2,604   6,167   3,563     Retirement benefit adjustment   (523)   (381)   142     Minority Interests   8,733   8,528   (205)     Total Net Assets   166,987   195,649   28,662     Total Assets   358,717   379,193   20,475     Interest-bearing debt   99,663   86,668   (12,995)     Cash and deposits   5,857   8,517   2,659     Actual balance   93,806   78,151   (15,654)     Equity ratio   44.1%   49.3%   5.2%     Cash and deposits   5,857   4,151   (15,654)     Equity ratio   44.1%   49.3%   5.2%     Cash and deposits   6,418   6,418     Cash and deposits   7,418     Cash and deposits   7,41					Accumulated Other Comprehensive Income			
Foreign currency translation adjustment 2,604 6,167 3,563 Retirement benefit adjustment (523) (381) 142 Minority Interests 8,733 8,528 (205) Total Net Assets 166,987 195,649 28,662  Total Assets 358,717 379,193 20,475 Interest-bearing debt 99,663 86,668 (12,995) Cash and deposits 5,857 8,517 2,659 Actual balance 93,806 78,151 (15,654) Equity ratio 44.1% 49.3% 5.2%						10,947	15,801	
Retirement benefit adjustment   (523)   (381)   142					Deferred gains or losses on hedges	315	(197)	(513)
Minority Interests   8,733   8,528   (205)					Foreign currency translation adjustment	2,604	6,167	3,563
Total Net Assets         166,987         195,649         28,662           Total Assets         358,717         379,193         20,475         Total Liabilities and Net Assets         358,717         379,193         20,475           Interest-bearing debt         99,663         86,668         (12,995)           Cash and deposits         5,857         8,517         2,659           Actual balance         93,806         78,151         (15,654)           Equity ratio         44.1%         49.3%         5.2%					Retirement benefit adjustment	(523)	(381)	142
Total Assets         358,717         379,193         20,475         Total Liabilities and Net Assets         358,717         379,193         20,475           Interest-bearing debt         99,663         86,668         (12,995)           Cash and deposits         5,857         8,517         2,659           Actual balance         93,806         78,151         (15,654)           Equity ratio         44.1%         49.3%         5.2%					Minority Interests	8,733	8,528	(205)
Interest-bearing debt 99,663 86,668 (12,995)  Cash and deposits 5,857 8,517 2,659  Actual balance 93,806 78,151 (15,654)  Equity ratio 44.1% 49.3% 5.2%					Total Net Assets	166,987	195,649	28,662
Cash and deposits       5,857       8,517       2,659         Actual balance       93,806       78,151       (15,654)         Equity ratio       44.1%       49.3%       5.2%	Total Assets	358,717	379,193	20,475	Total Liabilities and Net Assets	358,717	379,193	20,475
Actual balance 93,806 78,151 (15,654) Equity ratio 44.1% 49.3% 5.2%					Interest-bearing debt	99,663	86,668	(12,995)
Equity ratio 44.1% 49.3% 5.2%					Cash and deposits	5,857	8,517	2,659
Equity ratio 44.1% 49.3% 5.2% ROA 9.9% 11.4% 1.5%					Actual balance	93,806	78,151	(15,654)
ROA 9.9% 11.4% 1.5%					Equity ratio	44.1%	49.3%	5.2%
					ROA	9.9%	11.4%	1.5%

## (Ref.) Consolidated Statements of Cash Flows

	yen

	FY2013	FY2014	Change
I. Cash Flows from Operating Activities			
Income before income taxes and minority interests	32,989	41,816	8,826
Adjustments (non-cash)			
Depreciation	16,725	16,075	(650)
Equity in (earnings) losses of affiliates	(2,672)	(1,973)	698
Change of business, impairment loss	52	536	483
(Gain) loss due to sale or disposal of securities, property, plant and equipment	1,728	(2,861)	(4,589)
Loss on valuation of investment securities		1,853	1,853
Increase in allowance for doubtful accounts	418	299	(118)
Interest income and expenses and dividends	3,265	1,517	(1,747)
Income taxes paid	(9,133)	(13,846)	(4,713)
Other, net	(87)	1,150	1,237
Total for profit/loss items	43,286	44,567	1,280
Increase/decrease in assets/liabilities			
Increase/decrease in trade receivable/payable	(7,796)	(4,542)	3,254
Increase/decrease in inventories	3,020	(3,338)	(6,358)
Other, net	(8,322)	1,658	9,981
Total for balance sheet items	(13,097)	(6,221)	6,876
Net cash provided by operating activities	30,189	38,345	8,156

13,858 21,507

7,649

Free cash flow

	FY2013	FY2014	Change
II. Cash Flows from Investing Activities			
Acquisition of property, plant and equipment	(16,330)	(16,838)	(507)
Sale and acquisition of securities	(2,271)	(6,022)	(3,750)
Change in loans	(651)	(448)	202
Proceeds from disposal and sale of noncurrent assets	95	4,861	4,765
Other, net	468	(1,873)	(2,341)
Net cash used in investing activities	(18,689)	(20,321)	(1,631)
III. Cash Flows from Financing Activities			
Change in borrowings and corporate bonds	(8,264)	(12,805)	(4,540)
Purchases of treasury stock and issuance of common stock	(6)	(3)	3
Cash dividends paid	(3,754)	(4,653)	(899)
Other, net	(315)	556	871
Net cash used in financing activities	(12,341)	(16,905)	(4,564)
Effect of Exchange Rate Changes on Cash and Cash Equivalents	433	855	421
Net Increase (Decrease) in Cash and Cash Equivalents	(408)	1,973	2,381
Cash and Cash Equivalents of Newly Consolidated Subsidiaries	102	247	145
Cash and Cash Equivalents at Beginning of Term	6,129	5,823	(306)
Cash and Cash Equivalents at End of Term	5,823	8,044	2,221

(For reference)

Balance of interest-bearing debt 99,663 86,668 (12,995)

## (Ref.) Quarterly Business Results by Segment

		FY2014 Results										
	1Q			2Q			3Q			4Q		
	Net Sales	Operating Income	Ordinary Income									
Environmental Management & Recycling	23.8	1.5	1.6	25.6	1.6	2.1	26.4	1.9	2.3	28.0	2.3	2.2
Nonferrous Metals	55.7	3.3	4.2	55.0	1.3	1.5	63.9	4.1	5.2	63.9	4.8	4.5
Electronic Materials	20.2	2.3	2.4	21.0	2.2	2.4	20.4	2.2	2.6	12.0	2.1	2.2
Metal Processing	21.1	1.4	1.5	21.5	1.5	1.6	22.8	1.7	1.7	22.2	1.2	1.3
Heat Treatment	6.3	0.4	0.4	7.1	0.7	0.7	6.7	0.5	0.5	7.2	0.7	0.6
Other/ Elimination	(17.6)	0.1	(0.1)	(16.2)	0.2	0.0	(18.3)	0.3	(0.1)	(14.7)	0.6	0.5
Total	109.6	9.3	10.1	114.0	7.5	8.3	122.0	10.6	12.2	118.6	11.6	11.4

## Forecasts for Fiscal 2015 (1)

Billion yen

	FY2014 Results	FY2015 Forecasts	Change
Net Sales	464.2	445.0	(19.2)
Operating Income	39.0	42.5	3.4
Ordinary Income	42.0	42.5	0.4
Net Income	26.5	27.0	0.4

<sup>\*</sup> The Electronic Materials segment, particularly silver powder, will be chiefly responsible for the sales decline. Sales volume is expected to rise, but transactions will be partly shifted to contracted processing not containing silver metal prices. The cost of sales will shrink by the same amount.

\* The impacts of the cost of and investment in exploration projects on income at different stages

	FY2014 Results	FY2015 Forecasts	Change
Operating Income	(0.8)	(0.5)	0.2
Ordinary Income	(0.8)	(2.2)	(1.4)
Net Income	(2.0)	(3.6)	(1.6)

## Forecasts for Fiscal 2015 (2)

#### ■ Market Outlook

#### > Environmental Management & Recycling-related market:

There will be no major changes in the domestic business environment. In overseas, the market is expected to grow in line with the economic growth and environmental regulations of each countries.

#### > Automotive-related market:

Domestic production will stay nearly unchanged from the level reached in the preceding fiscal year. Overseas production will surge in North America, India and elsewhere even though growth will slow.

#### > Electronic Materials and Semiconductor-related market:

While computer demand will continue to slide, demand for LCD TVs will rally and smartphone will expand. A continued demand hike is anticipated in the sector for new energy.

## Fiscal 2015 Assumptions and Sensitivities (full year)

#### Sensitivity (Operating Income/Year)

Million yen

	Assumptions	Fluctuation	Sensitivity
¥/\$	115.0 ¥/\$	±¥1 /\$	380
Copper	6,000 \$/t	±100 \$/t	40
Zinc	2,200 \$/t	±100 \$/t	500
Indium	500 \$/kg	±100 \$/kg	600

<sup>\*</sup>Sensitivity is based on assumptions that the Company assumes to be reasonable at the time of publication. Actual effects may differ materially due to a variety of factors.

#### Exchange rate and metal prices

	FY2014	Average	FY2015 As	sumptions	(Ref.) April 2015	
	H1	Full Year	H1	Full Year	(Kei.) April 2013	
Exchange rate: (¥/\$)	103.0	109.9	115.0	115.0	119.6	
Copper: (\$/t)	6,890	6,554	6,000	6,000	6,028	
Zinc: (\$/t)	2,192	2,175	2,200	2,200	2,207	
Indium: (\$/kg)	692	650	500	500	516	

### Year-on-Year Comparison by Segment

	FY2014 Results			FY2	FY2015 Forecasts			Change		
	Net Sales	Operating Income	Ordinary Income	Net Sales	Operating Income	Ordinary Income	Net Sales	Operating Income	Ordinary Income	
Environmental Management & Recycling	103.8	7.3	8.2	106.0	8.2	8.5	2.1	0.8	0.2	
Nonferrous Metals	238.5	13.5	15.4	240.0	13.6	13.5	1.4	0.0	(1.9)	
Electronic Materials	73.6	8.8	9.6	49.0	8.9	9.6	(24.6)	0.0	(0.0)	
Metal Processing	87.6	5.8	6.1	91.0	7.1	7.2	3.3	1.2	1.0	
Heat Treatment	27.3	2.3	2.2	28.5	3.1	3.0	1.1	0.7	0.7	
Other/ Elimination	(66.8)	1.2	0.3	(69.5)	1.6	0.7	(2.6)	0.3	0.3	
Total	464.2	39.0	42.0	445.0	42.5	42.5	(19.2)	3.4	0.4	

<sup>\*</sup> The decrease in net sales in Electronic Materials for fiscal 2015 was due partly to a partial shift of silver powder transactions to contracted processing not involving silver metal prices.

#### Investment

Billion yen

	FY2012 Results		FY:	FY2013 Results			FY2014 Results			FY2015 Forecasts		
	Capital and stock investment	R&D investment	Total	Capital and stock investment	R&D investment	Total	Capital and stock investment	R&D investment	Total	Capital and stock investment	R&D investment	Total
Environmental Management & Recycling	5.8	0.4	6.2	5.6	0.4	6.0	10.2	0.3	10.6	8.0	0.3	8.3
Nonferrous Metals	2.8	0.6	3.5	3.0	0.9	3.9	2.4	2.7	5.1	4.0	4.2	8.2
Electronic Materials	3.6	2.8	6.5	3.1	2.6	5.8	2.2	2.6	4.8	3.0	3.2	6.2
Metal Processing	1.9	0.4	2.3	2.8	0.4	3.3	2.1	0.5	2.7	6.0	0.6	6.6
Heat Treatment	4.0	0.3	4.3	2.1	0.3	2.4	4.3	0.3	4.6	4.0	0.3	4.3
Companywide, Other	1.7	0.0	1.6	2.0	0.0	1.9	0.4	(0.1)	0.3	2.0	0.0	2.0
Total	20.1	4.6	24.7	18.8	4.6	23.5	21.8	6.5	28.4	27.0	8.9	35.9

(Ref.) Depreciation Expenses

	FY2012 Results	FY2013 Results	FY2014 Results	FY2015 Forecasts
Environmental Management & Recycling	4.7	4.7	4.6	5.0
Nonferrous Metals	5.0	4.3	3.4	3.0
Electronic Materials	2.7	2.6	2.5	2.6
Metal Processing	2.2	2.2	2.2	2.3
Heat Treatment	1.7	1.7	1.8	1.9
Companywide, Other	0.4	0.4	0.9	1.0
Total	16.9	16.2	15.5	16.1

#### Major investments for fiscal 2014

- Environmental Management & Recycling: New construction of waste treatment facilities in Myanmar
- Nonferrous Metals: Mine development in Mexico
- Heat Treatment: Expansion of facilities in Indonesia and India