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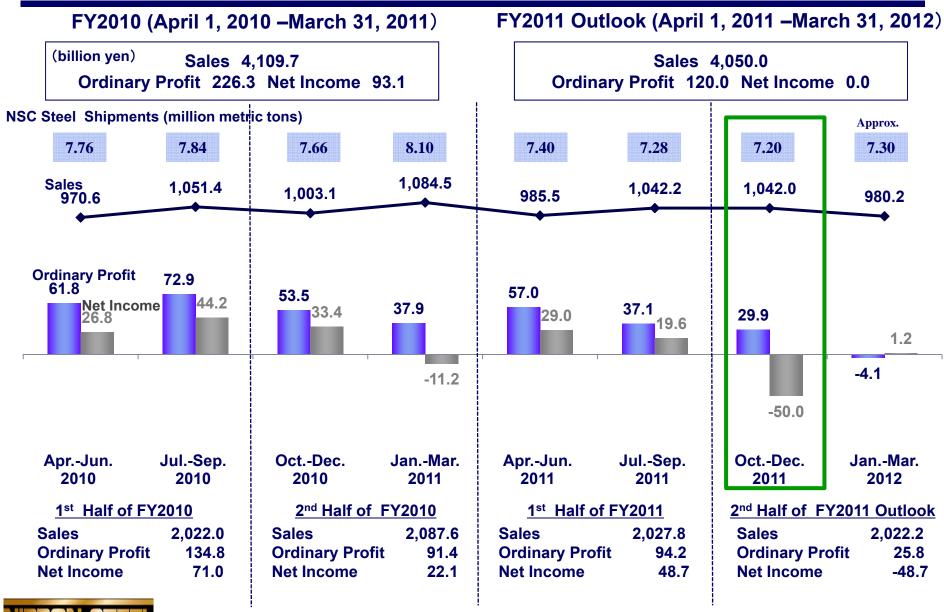
Managing Director







Consolidated Financial Highlights



Consolidated Financial Forecast of FY2011

			1 st			2 nd	FY2011 Outlook	Former Outlook as of		
(billion yen)	1Q	2Q	Half	3Q	4Q (E)	Half (E)		Oct.26		
Net Sales	985.5	1,042.2	2,027.8	1,042.0	980.2	2,022.2	4,050.0	4,200.0		
Operating Profit	38.5	25.8	64.4	17.7	-12.1	5.6	70.0	130.0		
Ordinary Profit	57.0	37.1	94.2	29.9	-4.1	25.8	120.0	180.0		
N S C	33.8	9.0	42.9	-4.3	-28.6	-32.9	10.0	60.0		
Others	23.1	28.0	51.2	34.3	24.5	58.8	110.0	120.0		
Special Profit/ Loss	-7.4	_	-7.4	-89.0	0	-89.0	-96.4	-7.4		
Loss on Valuation of Investment Sec		_	_	-89.0	_	-89.0	-89.0	_		
Loss on Securities Sold	-7.4	_	-7.4	_	_	_	-7.4	-7.4		
Net Income/Loss	29.0	19.6	48.7	-50.0	1.2	-48.7	0	85.0		
< E P S (y e n) >	< 4.6 >	< 3.1 >	< 7.8 >	< -7.9 >	< 0.2 >	< -7.8 >	< 0.0 >			
Interest-bearing Debt	1,357.6		1,365.4	1,387.6						
Debt-to-equity ratio	0.73		0.75	0.79	-					



Financial Highlights - Difference

	Difference							
(billion yen)	3Q←2Q	4Q outlook ←3Q	2 nd Half(E), FY'11	FY'11 outlook ←FY'10	FY'11 outlook ← Former			
< For details to page No.>	< P7 >	< p8 >	←1 st Half, FY'11 < P9 >	< P10 >	<i>outlook</i> < P11 >			
Net Sales	-0.2	-61.8	-5.6	-59.7	-150.0			
Operating Profit	-8.1	-29.8	-58.8	-95.6	-60.0			
Ordinary Profit	-7.2	-34.0	-68.4	-106.3	-60.0			
N S C	-13.3	-24.3	-75.8	-70.1	-50.0			
O thers	+6.1	-9.7	+7.4	-36.2	-10.0			
Special Profit/Loss	-89.0	+89.0	-81.6	-55.5	-89.0			
Net Income/Loss	-69.6	+51.2	-97.4	-93.1	-85.0			
< E P S (y e n) >	< -11.1 >	<+8.1>	< -15.6 >	< -14.8 >	< -13.5 >			

Interest-bearing Debt

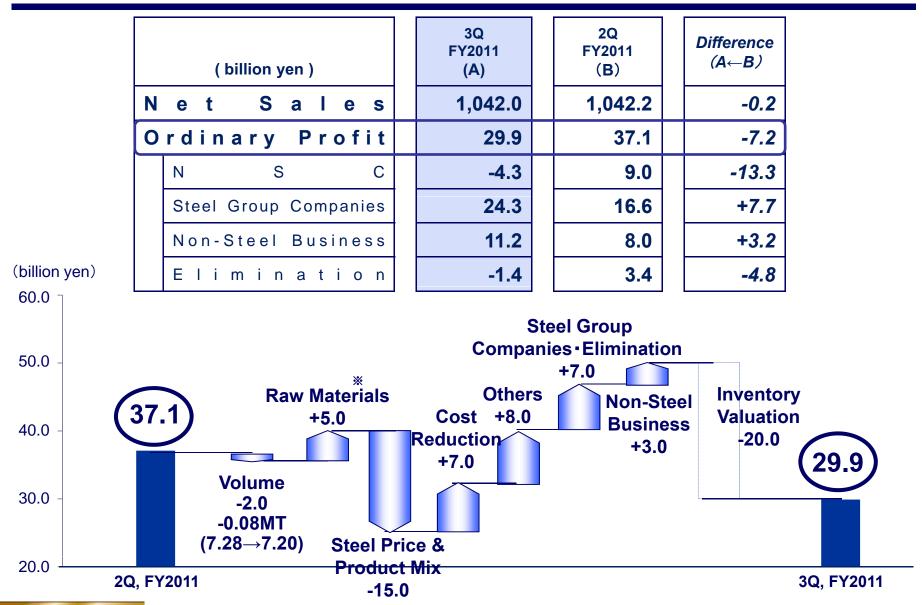
+22.2

Debt-to-equity ratio

+0.04

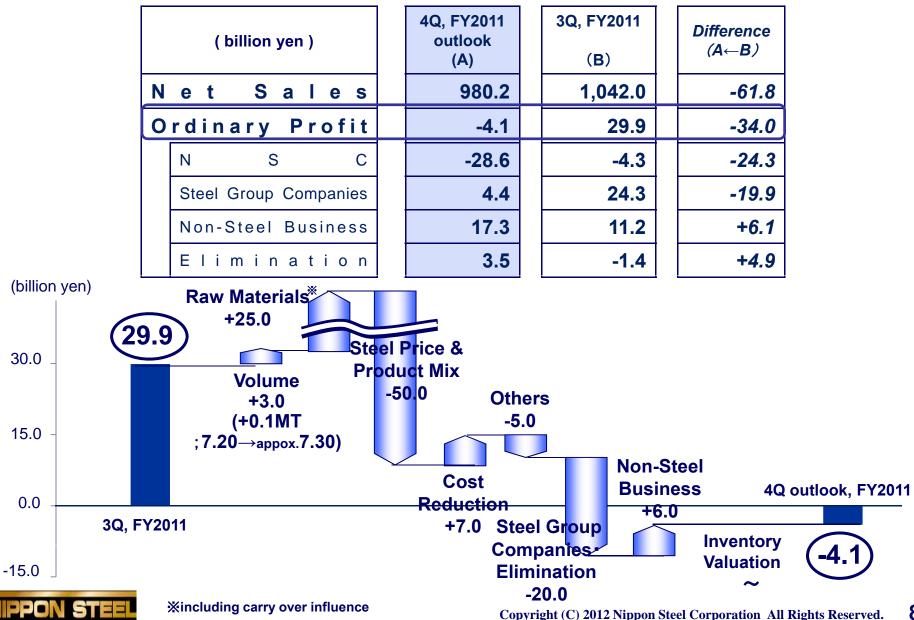


Financial Highlights for 2Q & 3Q of FY2011

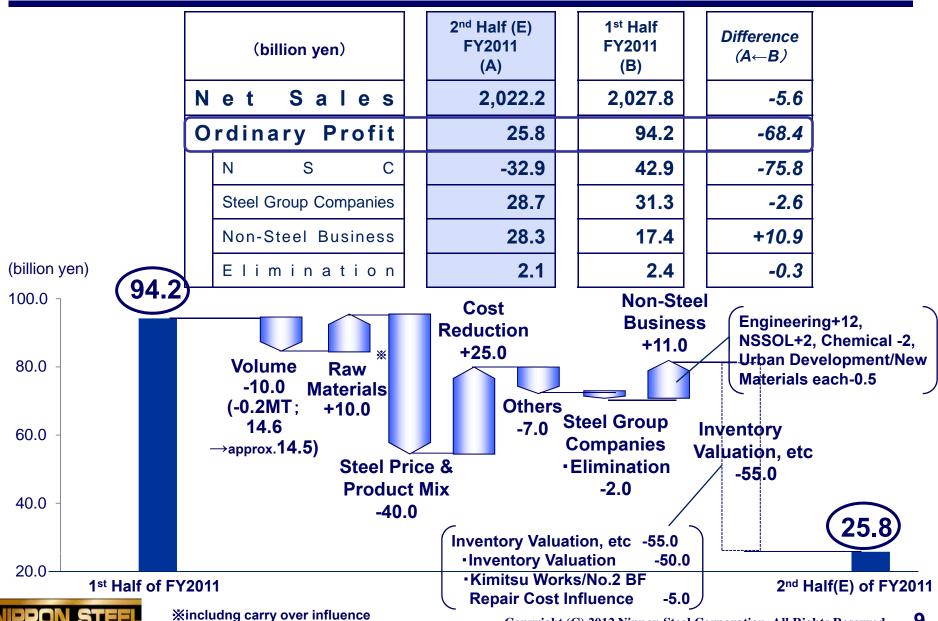




Financial Highlights for 3Q & 4Q outlook of FY2011

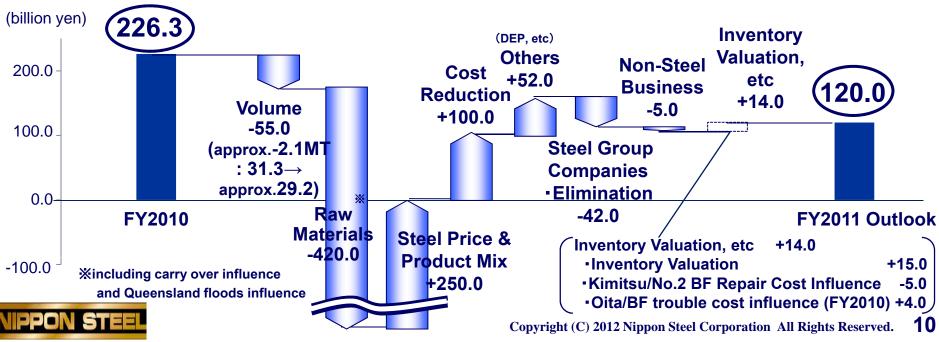


Financial Highlights for 1st Half & 2nd Half(E) of FY2011

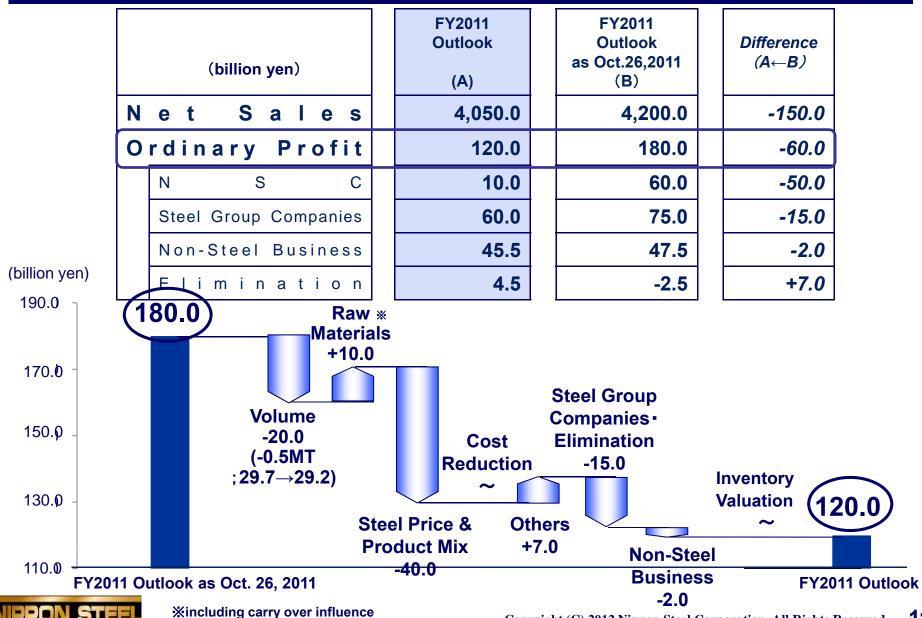


Financial Highlights for FY2010 & FY2011 outlook

(billion yen)	FY2011 Outlook (A)	FY2010 (B)	Difference (A←B)
Net Sales	4,050.0	4,109.7	-59.7
Ordinary Profit	120.0	226.3	-106.3
N S C	10.0	80.1	-70.1
Steel Group Companies	60.0	101.8	-41.8
Non-Steel Business	45.5	50.6	-5.1
Elimination	4.5	-6.4	+10.9



Financial Highlights for FY2011 outlook & FY2011 outlook as Oct. 26, 2011



Non-Steel Business - FY2011 Outlook

	FY2011 Outlook (<i>Y to Y</i>)	N e t Sales	Ordinary Profit
	Engineering	250.0	12.5
	and Construction	(-4.9)	(-2.3)
	Urban Development	75.0	7.5
	Orban Development	(-11.5)	(-1.7)
	Chamia d	195.0	12.5
	Chemicals	(+1.2)	(-0.8)
		55.0	0.5
MIZ	New Materials	(-5.8)	(-1.6)
	System Salutions	165.0	12.5
	System Solutions	(+5.3)	(+1.2)
	Total of Non-	740.0	45.5
	Business	(-15.7)	(-5.1)

Review
Decline prospect both in sales and profit due to dropped sales and strong yen, etc
Dropped both in sales and profit due to no large-scale highly profit condo sales relative to FY2010
Dropped profit due to decline sales related to floods in Thailand and adjust production of liquid crystal TV, and decline margin
Decline prospect both in sales and profit due to weak market and strong yen, floods in Thailand
A steady increase in sales and profit mainly system solutions for hardware, etc

FY2011 Net Sales Outlook, as Oct. 26 (Jan.27←Oct.26)	FY2011 Ordinary Profit outlook, as Oct. 26 (Jan.27←Oct.26)
250.0	12.5
(~)	(~)
75.0	7.0
(~)	(+0.5)
210.0	13.5
(-15.0)	(-1.0)
65.0	2.0
(-10.0)	(-1.5)
165.0	12.5
(~)	(~)
765.0	47.5
(-25.0)	(-2.0)



Consolidated Balance Sheets(3E, CY2011→ 12E, CY2011)

■ Total Assets: ¥4,852.0bn, Decline ¥-148.8bn from Mar. 2011 to Dec. 2011 due to the

decline of investment in securities

■ Year ended Dec. 2011 : D/E 0.79

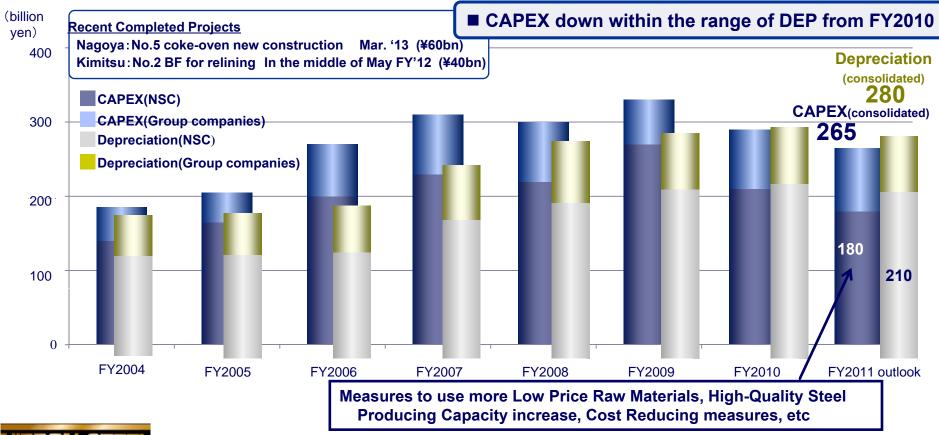
	D 04	14 04			D 04	14 04	
ASSETS	Dec. 31, 2011	Mar. 31, 2011	Difference	LIABILITIES and NET ASSETS	Dec. 31, 2011	Mar. 31, 2011	Difference
Current assets :	1,711.5	1,710.5	+1.0	Current liabilities :	1,391.6	1,358.3	+33.3
Cash and bank deposits	67.3	72.7	-5.4	Notes and accounts payable	473.6	476.5	-2.9
Notes and accouts receivable	389.2	459.9	-70.7	Short-term loans	438.4	342.1	+96.3
Inventories	1,007.0	929.2	+77.8	Other	479.5	539.5	-60.0
Other	247.9	248.6	-0.7				
				Long-term liabilities :	1,187.8	1,261.5	-73.7
				Long-term loans	942.4	987.5	-45.1
Fixed assets :	3,140.4	3,290.2	-149.8	Other	245.3	274.0	-28.7
Tangible fixed assets	1,828.7	1,818.3	+10.4	Total liabilities	2,579.5	2,619.9	-40.4
Intangible fixed assets	66.7	62.6	+4.1	Shareholders' equity	1,764.9	1,794.3	-29.4
Investments in securities	1,244.9	1,409.2	-164.3	Other comprehensive income	-16.0	66.4	-82.4
(including market valuation difference)	(98.6)	(175.8)	(-77.1)	Minority interest in consolidated subsidiaries	523.6	520.1	+3.5
				NET ASSETS	2,272.4	2,380.9	-108.5
Total assets	4,852.0	5,000.8	-148.8	Total liabilities and net asset	ts 4,852.0	5,000.8	-148.8



(billion yen)

CAPEX and Investment

Consolidated (N S C)	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011 Outlook
CAPEX	185	205	270	310	300	330	290	265
	(140)	(165)	(200)	(230)	(220)	(270)	(210)	(180)
Depreciation	181	183	193	244	274	284	292	280
	(130)	(131)	(134)	(175)	(196)	(214)	(220)	(210)

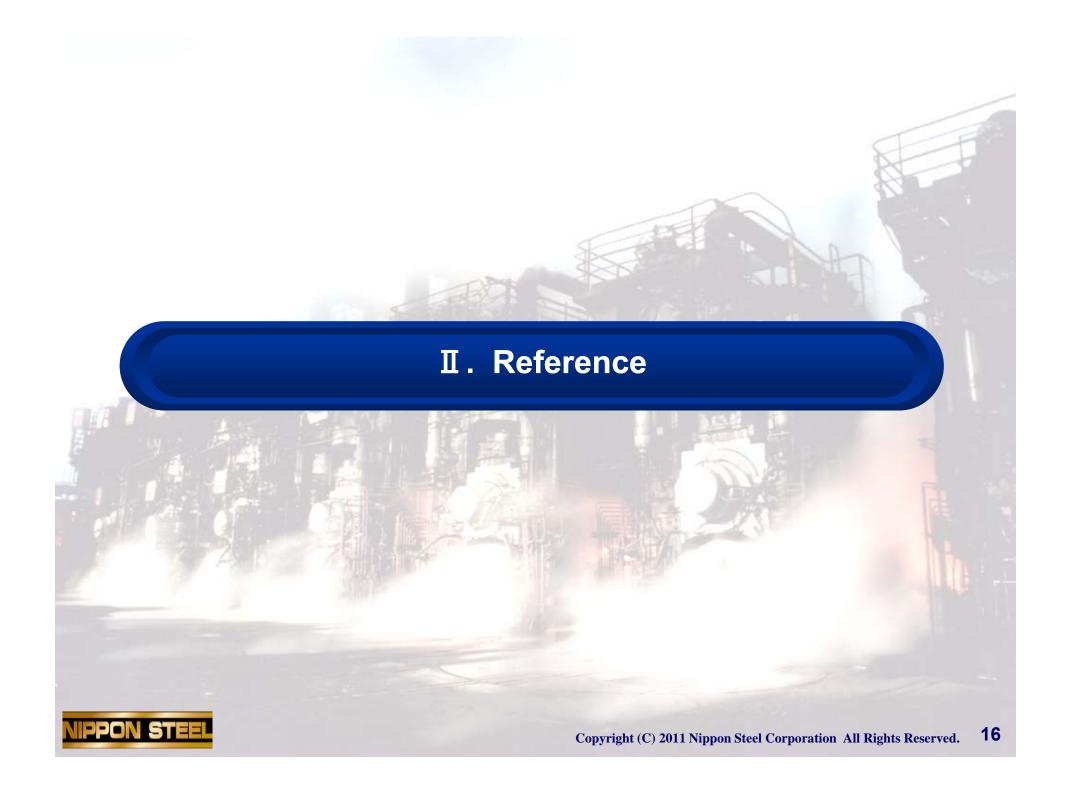


Year-end Dividend Distribution for FY2011

In accordance with the dividend policy announced previously, the Company distributed a dividend from retained earnings of ¥1.5 per share for the first half of fiscal 2011 (interim period). Plans originally called for announcing the year-end dividend amount along with earnings results for the third quarter of the fiscal year.

However, in consideration of the significant risk of losses due to changes in stock market conditions and a consequent loss on the valuation of investments in securities, the Company has decided to postpone this announcement and proposes to give notice of dividends to be distributed from retained earnings at the end of the fiscal year when announcing the final earnings results for the fiscal year after they become available in line with its previously announced dividend policy.





1) Financial Data



Financial Highlights

					FY2010					FY2	011 Out	look	
	(billion yen)		1 st			2 nd	2 nd		1 st			2 nd	
			Half	3Q	4Q	Half			Half	3Q	4Q(E)	Half (E)	
N	et Sales		2,022.0	1,003.1	1,084.5	2,087.6	4,109.7		2,027.8	1,042.0	980.2	2,022.2	4,050.0
Ol	perating Profit		118.1	33.9	13.5	47.4	165.6		64.4	17.7	-12.1	5.6	70.0
0	dinary Profit		134.8	53.5	37.9	91.4	226.3		94.2	29.9	-4.1	25.8	120.0
	N S C		60.8	12.4	6.8	19.3	80.1		42.9	-4.3	-28.6	-32.9	10.0
	Others		74.0	41.1	31.1	72.1	146.2		51.2	34.2	24.5	58.8	110.0
Spe	ecial Profit/Loss		-7.2	-0.1	-33.5	-33.7	-40.9		-7.4	-89.0	0	-89.0	-96.4
	Loss on disaster		_	_	-23.7	-23.7	-23.7		_	_	_	_	_
	Loss on securities sold		_	_	_	_	1		-7.4	_	_	1	-7.4
	Loss on Valuation of Investment Se		s –	_	-5.8	-5.8	-5.8		_	-89.0	_	-89.0	-89.0
	Others		-7.2	-0.1	-4.0	-4.1	-11.4		_	_	_	_	_
Ne	et Income/Loss		71.0	33.4	-11.2	22.1	93.1		48.7	-50.0	1.2	-48.7	0
<	EPS(yen)>		<11.3>	<5.3>	<-1.8>	<3.5>	<14.8>		<7.8>	<-7.9>	<0.2>	<-7.8>	<0.0>
	terest-bearing ebt		1,382.1	1,399.8			1,337.8		1,365.4	1,387.6			
De	bt-to-equity ratio	•	0.77	0.75	-		0.72	•	0.75	0.79	•		



Financial Results by Business Segments

(billion yen)

Net Sales Ordinary Profit

Steel Business

1 st Half	3Q	3Q 4Q 2 nd Half				
1,718.6	859.4	895.4	1,754.8	3,473.4		
117.6	43.5	20.7	64.3	181.9		

1st		ı	2 nd	
Half	3Q	4Q(E)	Half (E)	
1,751.6	889.8	808.6	1,698.4	3,450.0
74.2	20.0	-24.2	-4.2	70.0

Engineering and Construction

U r b a n Development

Chemicals

New Materials

S y s t e m Solutions

123.6	55.2	76.0	131.2	254.9
7.0	2.1	5.7	7.8	14.8
38.7	15.9	31.8	47.7	86.5
4.2	2.5	2.5	5.0	9.2
94.4	50.2	49.1	99.4	193.8
4.9	4.4	3.8	8.3	13.2
30.9	15.1	14.8	29.9	60.8
1.5	0.0	0.5	0.6	2.1
73.7	35.4	50.5	85.9	159.7
4.4	2.7	4.2	6.9	11.3

96.7	64.7	88.6	153.3	250.0
0.1	2.6	9.8	12.4	12.5
27.9	24.6	22.5	47.1	75.0
4.0	3.6	-0.1	3.5	7.5
101.0	48.8	45.2	94.0	195.0
7.3	3.3	1.9	5.2	12.5
28.6	13.4	13.0	26.4	55.0
0.5	-0.3	0.3	0.0	0.5
76.2	34.4	54.4	88.8	165.0
5.3	1.8	5.4	7.2	12.5

Total of Non-Steel Business

361.5	172.0	222.3	394.4	755.7
22.0	11.7	16.7	28.6	50.6

330.5	186.1	223.7	409.6	740.0
17.4	11.2	17.3	28.3	45.5

2) Steel Market



Former Projection *Inflation, average consumer prices(%) as September 20, 2011 (2011.9.20)

	2005	2006	2007			2010	2011
World Total	4.4	5.1	^{4.0} 5.2	^{6.0} 3.0	^{2.5} -0.5	^{3.7} 5.2	^{5.0} (4.0) 3.8
Developed Countries	2.6	3.0	2.2 2.7	^{3.4} 0.5	^{0.1} -3.4	^{1.6} 3.2	^{2.6} (1.6) 1.6
USA	3.1	2.8	^{2.9} 2.1			^{1.6} 3.0	^{3.0} (1.5) 1.8
EU25	1.6	2.8				^{1.6} 1.9	^{2.5} (1.6) 1.6
Japan	1.9	2.4	^{0.0} 2.3	^{1.4} -1.2	-1.4 -6.3	^{-0.7} 4.4	$\frac{-0.4}{(-0.5)}$ -0.9
Developing Countries	7.1	7.9	^{6.5} 8.3	9.2 6.1	5.2 2.7	^{6.1} 7.3	7.5 (6.4) 6.2
China	10.4	11.6	^{4.8} 13.0	^{5.9} 9.6	^{-0.7} 9.2	^{3.3} 10.4	^{5.5} (9.5) 9.2
India	9.1	9.8	^{6.4} 9.4	^{8.3} 7.3	10.9 6.8 ¹	^{2.0} 9.9	^{10.6} (7.8) 7.4
ASEAN5 *	5.5	5.7	^{4.3} 6.3	^{9.3} 4.7	1.7	^{4.4} 6.9	^{6.1} (5.3) 4.8
Russia	6.4	7.4	^{9.0} 8.1	^{14.1} 5.6	^{11.7} -7.8	^{6.9} 4.0	^{8.9} (4.3) 4.1
Brazil	3.2	3.8	^{3.6} 5.7	^{5.7} 5.1	^{4.9} -0.6	^{5.0} 7.5	6.6 (3.8) 2.9

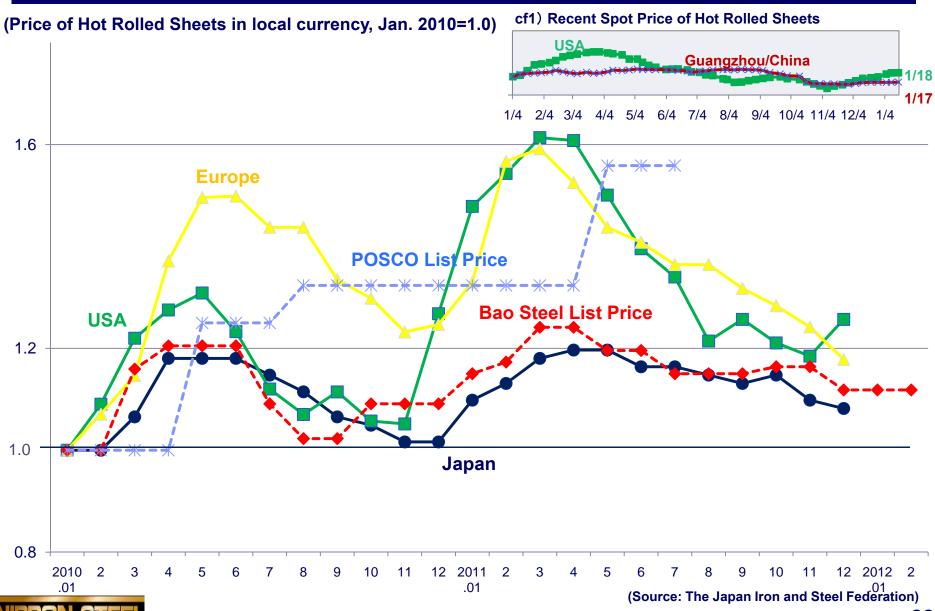
2012 outlook	2013 outlook
^{3.7} (4.0) 3.3	3.9
1.4 (1.9) 1.2	1.9
^{1.2} (1.8) 1.8	2.2
$\frac{1.5}{(1.1)}$ -0.5	0.8
$^{-0.5}_{(2.3)}$ 1.7	1.6
^{5.9} (6.1) 5.4	5.9
^{3.3} (9.0) 8.2	8.8
^{8.6} (7.5) 7.0	7.3
^{5.6} (5.6) 5.2	5.6
^{7.3} _(4.1) 3.3	3.5
^{5.2} (3.6) 3.0	4.0



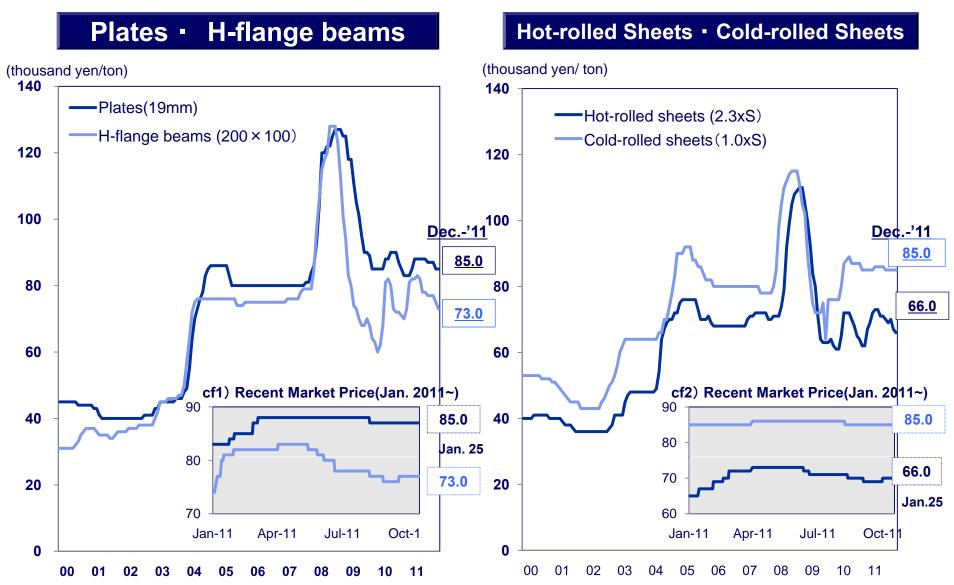


(Source: IMF)

Market Trend of Price of Hot Rolled Sheets



Domestic Steel Market Trend





World Crude Steel Production

(million ton)

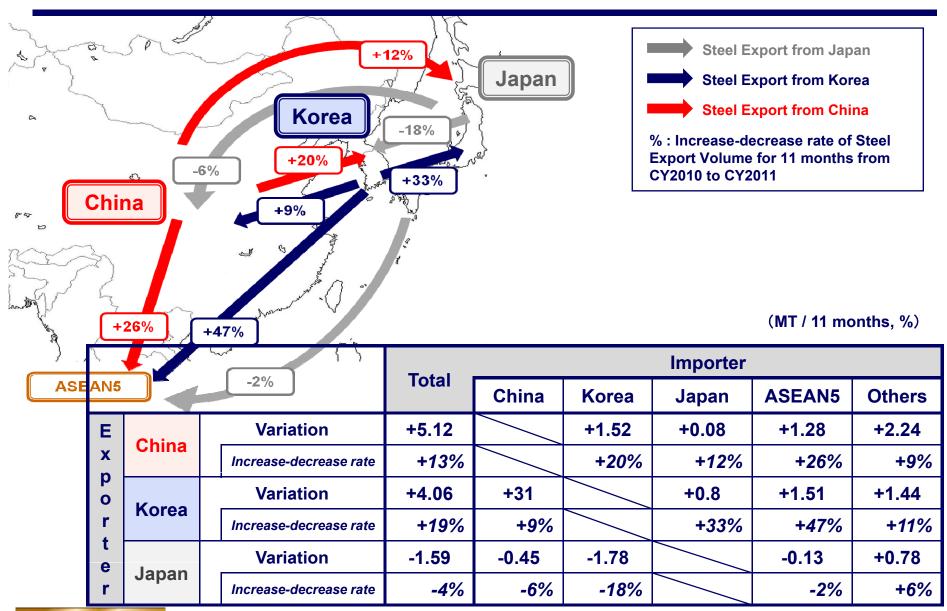
				2011CY						,	
	2008CY	2009CY	2010CY	Jan Mar.	Apr Jun.	Jul Sep.	Oct.	Nov.	Dec.	Oct Dec.	
World total *	1,327.2	1,229.4	1,413.6	373.2	384.6	375.6	124.0	115.5	117.1	356.5	1,490.1
(Y-over-Y basis)	(▼ 1.4%)	(▼7.4%)	(+15.0%)	(+9.3%)	(+5.7%)	(+10.3%)	(+6.2%)	(+1.1%)	(+1.7%)	(+3.0%)	(+5.4%)
Japan	118.7	87.5	109.6	27.7	26.4	26.9	9.5	8.7	8.4	26.6	107.6
(Y-over-Y basis)	(▼1.2%)	(▼26.3%)	(+25.2%)	(+4.4%)	(▼ 6.1%)	(▼1.7%)	(▼ 0.3%)	(▼ 3.2%)	(▼8.4%)	(▼ 4.0%)	(▼1.8%)
Korea	53.6	48.6	58.4	16.4	17.4	16.6	6.1	5.8	6.0	17.8	68.5
USA	91.4	58.2	80.5	21.1	21.6	22.2	7.3	7.2	7.3	21.8	86.2
EU27	198.2	139.4	172.6	45.6	47.8	42.3	15.3	14.2	12.5	42.1	177.4
Russia	68.5	60.0	66.9	17.3	17.3	17.6	5.9	5.6	5.9	17.4	68.7
Brazil	33.7	26.5	32.9	8.5	9.2	8.9	2.9	2.7	2.7	8.3	35.2
India	57.8	63.5	68.3	17.7	18.0	18.3	6.2	6.0	6.2	18.3	72.2
China	500.3	573.6	627.5	171.3	179.2	174.8	54.7	49.9	52.2	156.7	683.3
(Y-over-Y basis)	(+2.3%)	(+14.6%)	(+9.4%)	(+9.4%)	(+8.9%)	(+15.2%)	(+9.7%)	(▼ 0.2%)	(+0.7%)	(+3.3%)	(+8.9%)



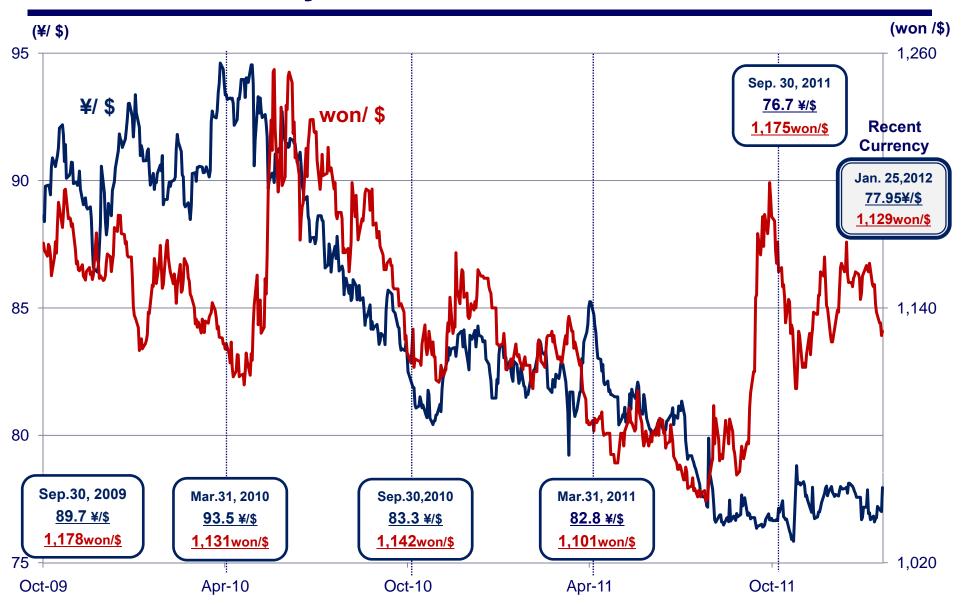
^{*} The total of 64 countries

(Source: World Steel Association)

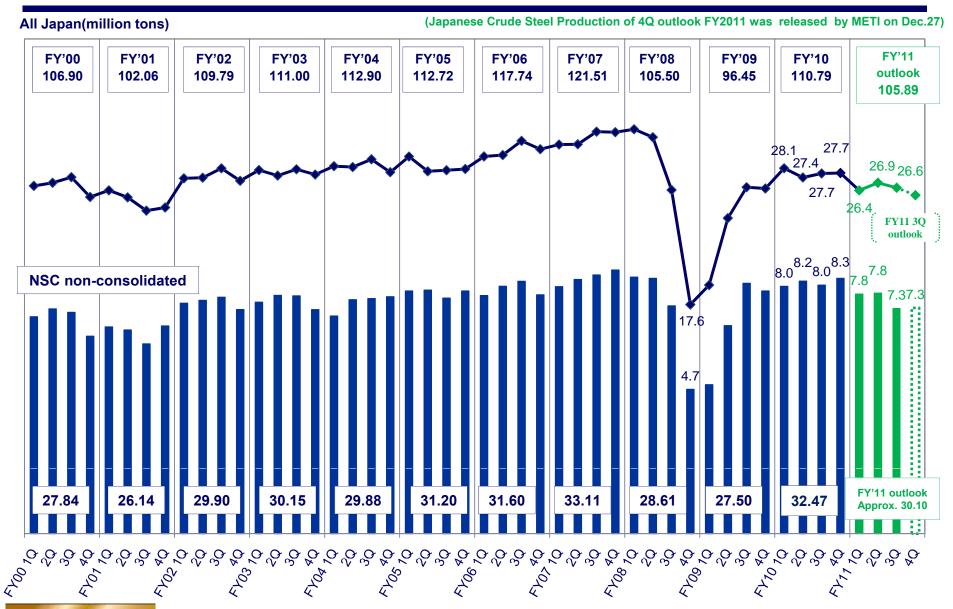
Changes in the Steel Products Trade in South-East Asia



Recent Currency - ¥/\$, won/\$



Japanese Crude Steel Production (Quarterly Trend)



NSC Activities Overview – Steel Sector

			FY2010						FY20)11	
MT = Metric tons		1st Half	3Q	4Q	2nd Half		1st Half	3Q	4Q (E)	2nd Half (E)	outlook
Japan Crude Steel Production	Million MT	55.42	27.66	27.70	55.37	110.79	53.31	26.57	26.00	approx. 52.57	approx.105.89
NSC pig-iron * 1 Production	Million MT	15.92	8.15	8.11	16.26	32.18	15.79	7.57	approx. 7.40	approx. 15.00	approx.30.80
NSC Consolidated Crude Steel	Million MT	17.35	8.68	8.89	17.57	34.92	16.61	7.85	approx. 7.90	approx. 15.70	approx. 32.30
<non-consolidated></non-consolidated>		<16.17>	<8.04>	<8.26>	<16.30>	<32.47>	<15.53>	<7.29>	<approx.7.30></approx.7.30>	<approx.14.60></approx.14.60>	<approx.30.10></approx.30.10>
NSC Steel Shipments	Million MT	15.59	7.66	8.10	15.76	31.35	14.68	7.20	approx. 7.30	арргох. 14.50	approx. 29.20
NSC Steel Sale Price	Thousand yen/ton	82.8	81.4	79.7	80.6	81.7	87.8	87.6	approx.82	approx.85	approx.86
NSC Export Ratio (Value basis)	%	40.5	39.8	40.9	40.4	40.4	41.0	36.9	approx.37	approx.37	approx.39
Exchange Rate	¥/\$	90	83	82	82	86	80	78	approx.80	approx.79	approx.79

^{*1} including Hokkai Iron&Coke Corporation 's pig-iron production



User's Production Level

				FY2010					FY2	011 Out	look		
			1st Half	3Q	4Q	2nd Half		1st Half	3Q	4Q	2nd Half		Y to Y
Housing sta	arts	Thousand houses	408	219	192	411	819	433	219	188	407	840	+4%
Non-resider	ntial Construction	Million m²	23.10	10.59	10.80	21.38	44.49	24.95	10.42	10.63	21.05	46.00	+18%
	Finished Auto production	Million cars	4.78	2.30	1.91	4.21	8.99	3.90	2.59	2.75	5.34	9.24	▼34%
Automotive	Finised Auto exportation	Million cars	2.38	1.32	1.11	2.43	4.80	1.98	1.21	1.41	2.62	4.60	▼38%
	Overseas Production (8 companies in Japan)	Million cars	6.30	3.44	3.60	7.04	13.34	4.79	2.23				
	Large & middle size shovel production	Thousand Units	27	17	16	33	60	33	21	18	39	72	+29%
Industrial machinery	Metal Machine tool production	Thousand tons	160	95	107	202	362	222	117	117	233	456	+48%
	Forklift production	Thousand Units	53	28	25	54	107	59	31	31	62	121	+11%
Erectric	Industrial Production Index	05CY=100	93	97	95	96	95	96	99				
Ship building	New ship keel laying	Million GT	9.45	4.42	4.48	8.91	18.35	8.80	4.00	3.80	7.80	16.60	▼10%

*1 the total of two months : Oct. - Nov.

(Source : Various data, NSC estimates)



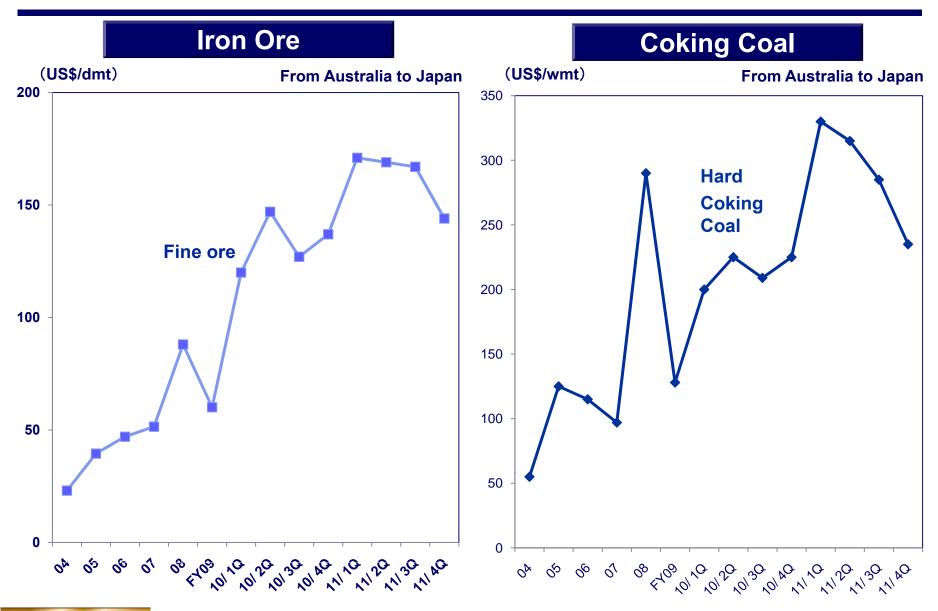
Domestic Steel Consumption by Industrial Sectors

			FY2010				FY2	2011 outl	ook	
(Million ton)	1st Half	3Q	4Q	2nd Half		1st Half (E)	3Q(E)	4Q(E)	1st Half (E)	
Domestic steel consumption	30.34	15.61	14.37	29.98	60.32	29.65	16.23	15.75	31.98	61.63
Manufactures' Share %	68.1%	67.2%	66.3%	66.8%	67.4%	67.3%	66.8%	68.7%	67.7%	67.5%
Ordinary steel consumption	24.20	12.44	11.52	23.96	48.16	23.52	12.92	12.59	25.50	49.03
Construction	9.13	4.84	4.59	9.43	18.56	9.10	5.06	4.64	9.71	18.80
Manufacturing	15.07	7.60	6.93	14.53	29.61	14.43	7.85	7.94	15.80	30.22
Shipbulding Sector	3.05	1.47	1.47	2.95	6.00	2.80	1.28	1.25	2.53	5.34
Automotive Sector	5.69	2.77	2.11	4.88	10.57	5.03	3.05	3.27	6.32	11.36
Industrial Machine Sector	2.15	1.21	1.19	2.40	4.55	2.49	1.37	1.28	2.65	5.14
Electric Machine Sector	1.63	0.84	0.80	1.64	3.27	1.58	0.78	0.79	1.58	3.15
Specialty Steel Consumption	6.14	3.17	2.85	6.02	12.16	6.13	3.31	3.17	6.47	12.60



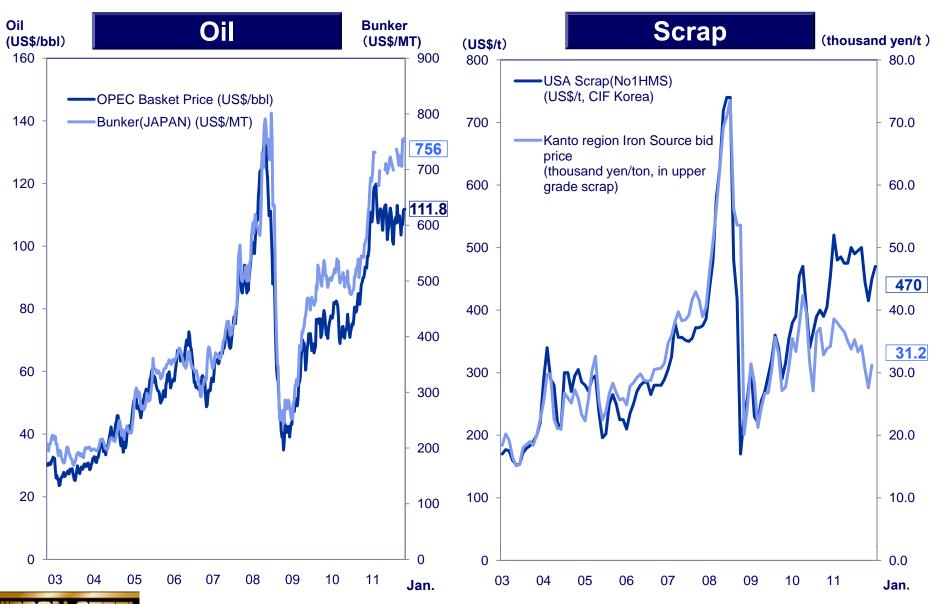
(Source : Various data, NSC estimates)

Contract Price of Iron Ore & Coking Coal

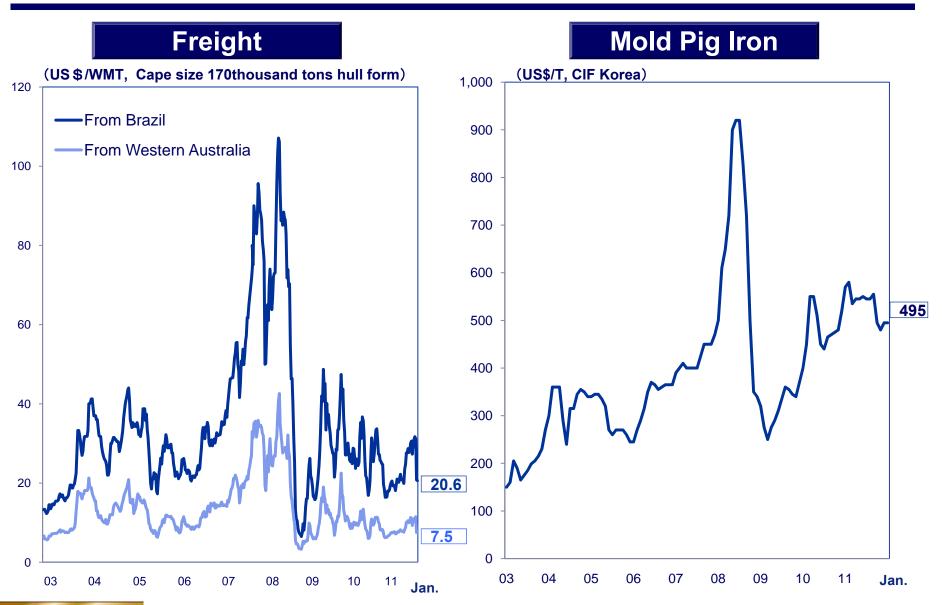




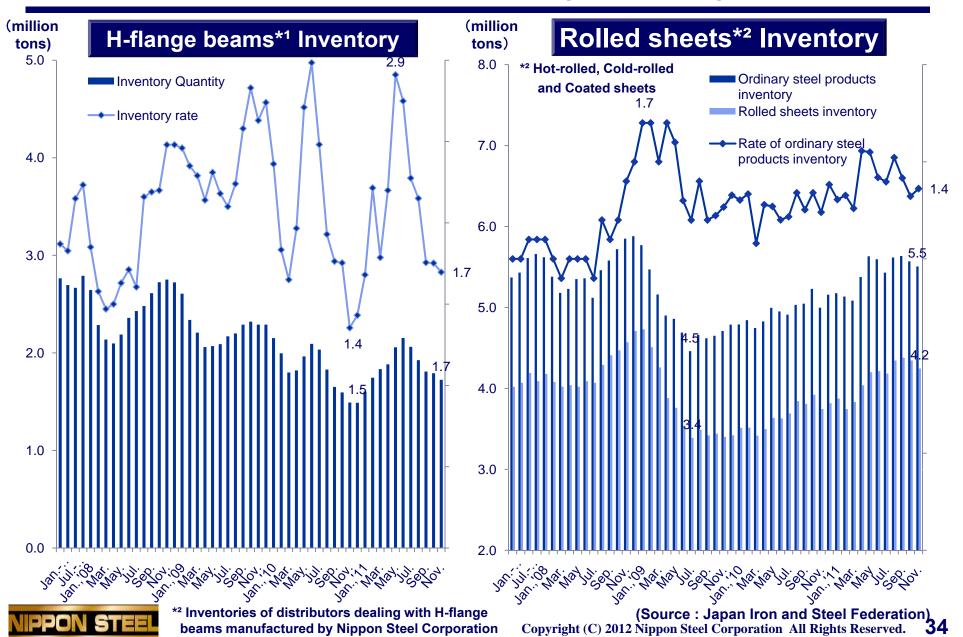
Market Trend <Oil·Scrap>



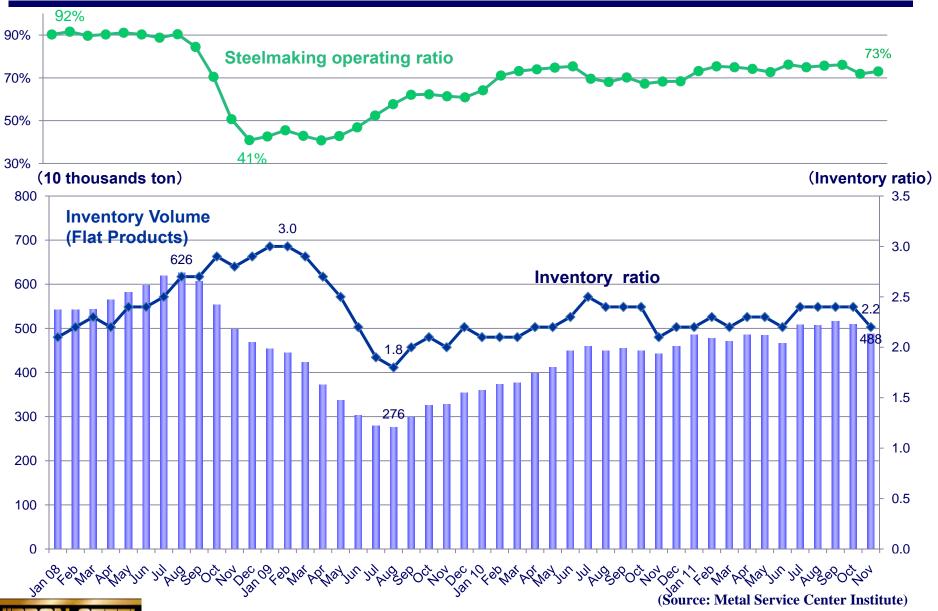
Market Trend <Freight · Mold Pig Iron>



Domestic trend of Steel Inventory Quantity



USA Steel Flat Products Inventory Volume Trend



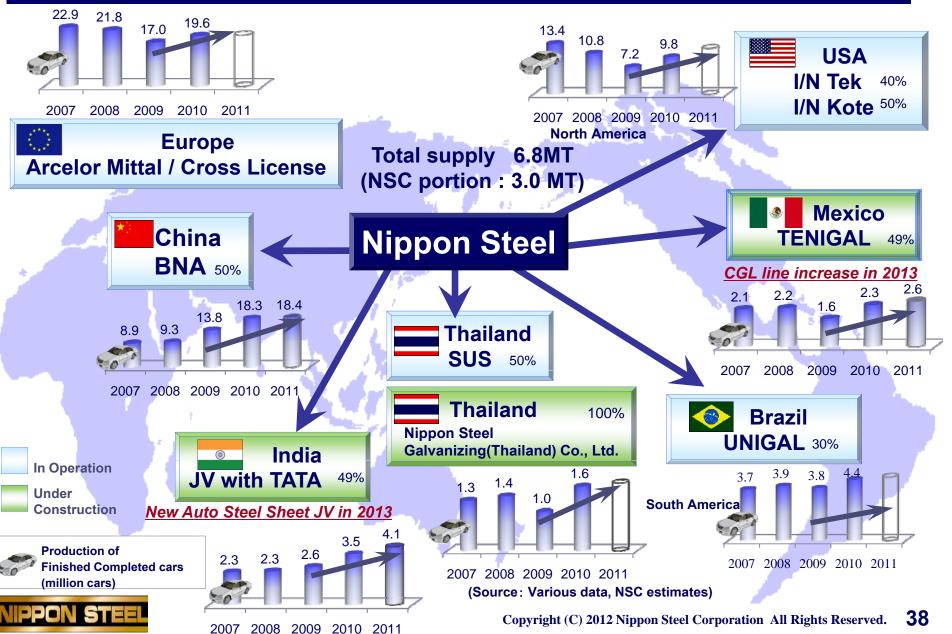
NSC's Share Price and the Nikkei Stock Average



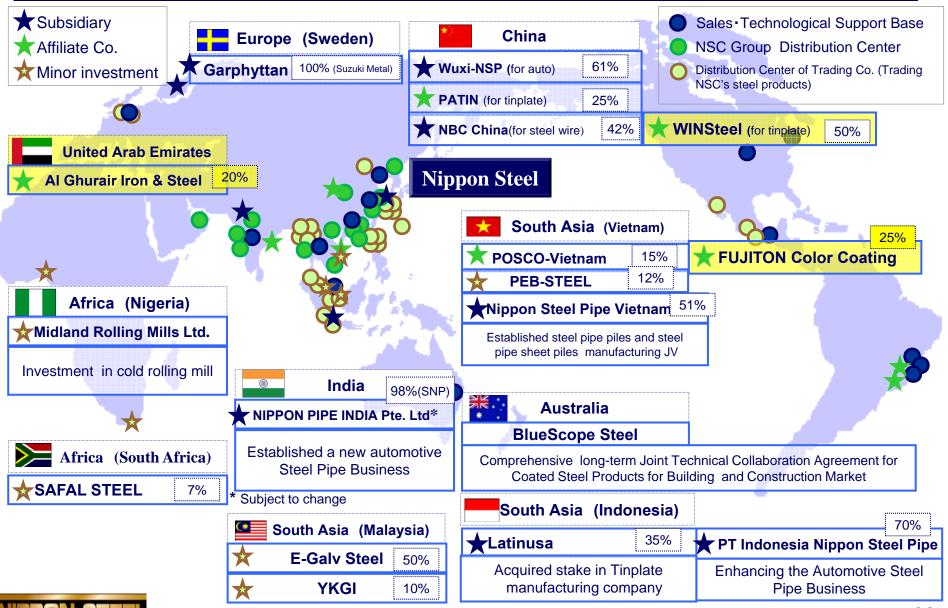




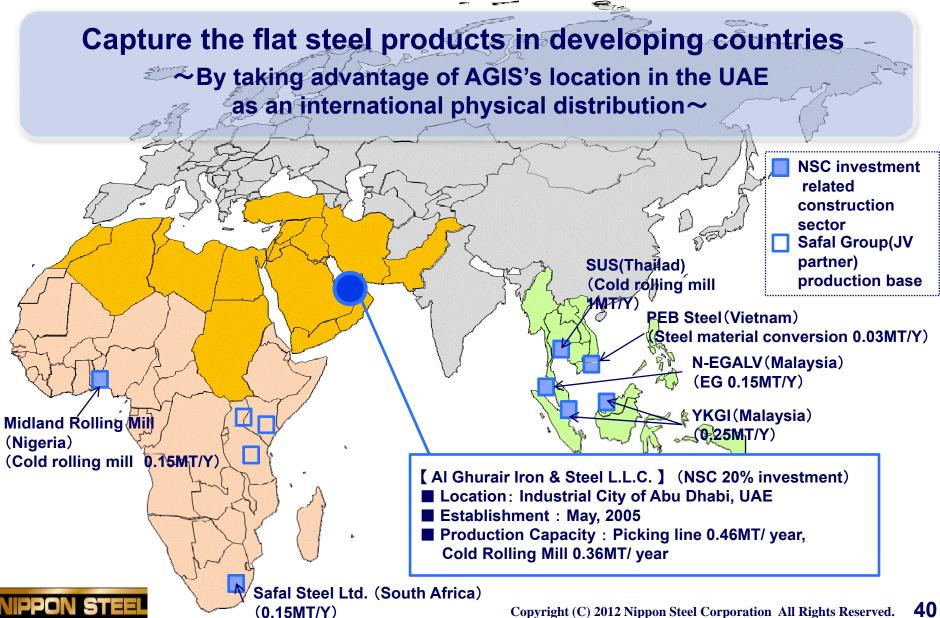
Establishing Worldwide Auto Steel Sheet Supply Network



Reinforcing Global Supply and Distribution Network



Capturing the emerging flat steel products in the Middle East, **North Africa and West Asia**



IV. Progress on the Business Integration with Sumitomo Metals



Creating the Best Steelmaker with World-Leading Capabilities

Maximize the potential of steel through utilization of world-leading technology. Contribute to the growth of global economies and the improvement of global

> **Globalizing** the Steel **Business**

The Best Steelmaker with World-Leading Capabilities

Utilizing the World's Leading **Technologies**

Nippon Steel & Sumitomo Metal Corporation

Improving Cost Competitiveness

60-70 million tons of Global Production

■Roadmap to Merger *Planned

- Sep. 22, 2011 **Execution of the Master Integration Agreement**

• Dec. 14, 2011 **Approved by the Japan Fair Trade Commission**

 Apr., 2012(planned) **Execution of a Merger Agreement**

June, 2012(planned) Shareholders meetings to approve the Merger Agreement

Oct. 1, 2012(planned) Date of Merger(Effective date)



Realization of Synergies

Generate synergies of JPY 150 billion per annum in approx.3 years after merger

Main measures	Approx. Amount of Synergies
Expansion of global development 1. Accelerating overseas expansion by utilizing the Companies' human resources 2. Re-organizing and reinforcing overseas manufacturing and sales bases 3. Improving efficiency of administrative/back-office functions etc.	JPY 30 bn / year
Technology/R&D 1. Realizing the benefits of advanced technology by consolidating the areas of technology and R&D 2. Speeding up and increasing efficiency in R&D etc.	JPY 40 bn / year
Production/Sale 1. Improving production efficiency by integrating the manufacturing process 2. Improving productivity by optimal allocation of tasks among production lines etc.	JPY 40 bn / year
Procurement 1. Improving efficiency in procurement and transport of raw materials 2. Reducing costs by standardizing equipment specifications 3. Unifying financing, and improving efficiency in capital management etc.	JPY 40 bn / year
Total	JPY 150 bn / year

Endeavor to increase the above target synergy amount. In addition, continue to make further efforts to reduce costs.



Best Practices among Domestic Steelworks

Reinforce ties among domestic steelworks

Steelworks in Japan

- Crude Steel
- Raw Materials Transportation
- Raw Materials Inventory
- Energy
- Maintenance
- Materials / Equipment
- Infrastructure etc.

Share the Best Practice

Hot Strip	6 (5)	Plate	4 (3)	Seamless	4 (1)
Cold Strip	13 (9)	Shapes	3 (2)	Spiral	4 (3)
CGL	18 (14)	Bar	2 (1)	UO	2 (1)
EGL	8 (6)	Wire Rod	4 (3)	ERW	2 (1)

Figure in parenthesis shows NSC's line number.







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Integration of Manufacturing and Product Technologies

Technology to solve customer problems

	Nippon Steel	Sumitomo Metals
Up-stream Process	•Diagnose and repair technologies of coke- oven restoring	•Development of new-generation technologies for steelmaking process
Auto Shipbuildin g Energy	•Automotive high-strength steel sheet with excellent crash energy absorption capacity •Development of high strength steel plate and new hull structure design for large container ships •Corrosion resistant steel for cargo oil tank	 Development of Steel Plate for Improving the Fatigue Strength in Welded Joints Development of advanced stainless boiler tube for Ultra-Supercritical coal-fired thermal power plants Invention for super-high strength low-alloy steel oil country tubular goods

No.1 Patents among Global Steel Companies

	Nippon Steel	Sumitomo Metals	Nippon Steel & Sumitomo Metal
Domestic patents (as of May, 2011)	7,957	3,698	11,655
Int'l patent application publications (2006-2010)*	561	347	908
R&D (FY2010, JPY bn)	46.6	22.7	69.3

^{*} Int'l patent application publications of competitors: JFE 329, POSCO 234, ArcelorMittal 100



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Names of companies appearing in this presentation have been abbreviated



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