# MITSUBISHI MATERIALS CORPORATION

Supplementary Explanation for the 3rd Quarter of the fiscal year ending March 31, 2019

February 12, 2019



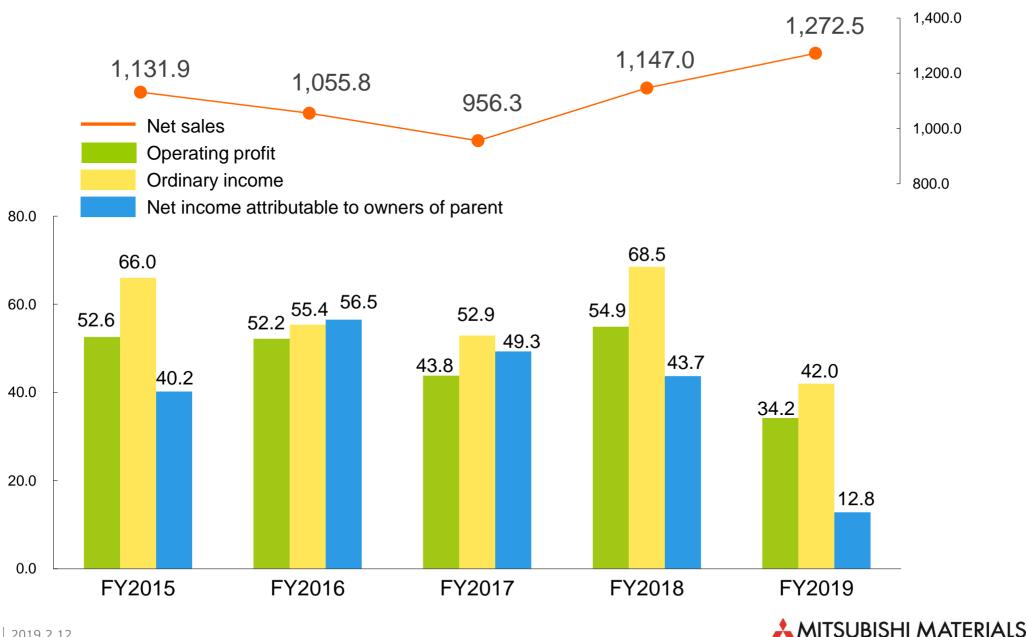
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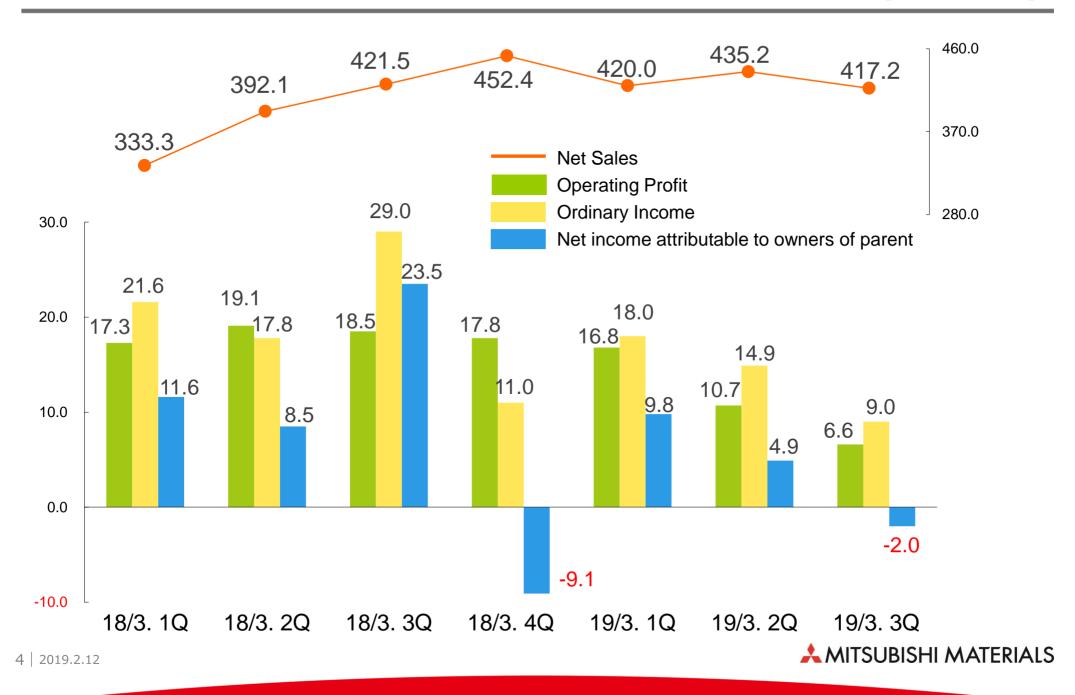
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<sup>\*1</sup> From the third quarter of the fiscal year, the reporting segments have been changed, among other changes. As a result, the figures for FY2018 have been reclassified according to the business segmentation after change.

<sup>\*2</sup> As of October 1, 2018, "Advanced Materials & Tools Company" has changed its name to "Metalworking Solutions Business Company."

## **Performance Overview (for the Nine Months)**





## **Consolidated Statements of Operations (for the Nine Months)**

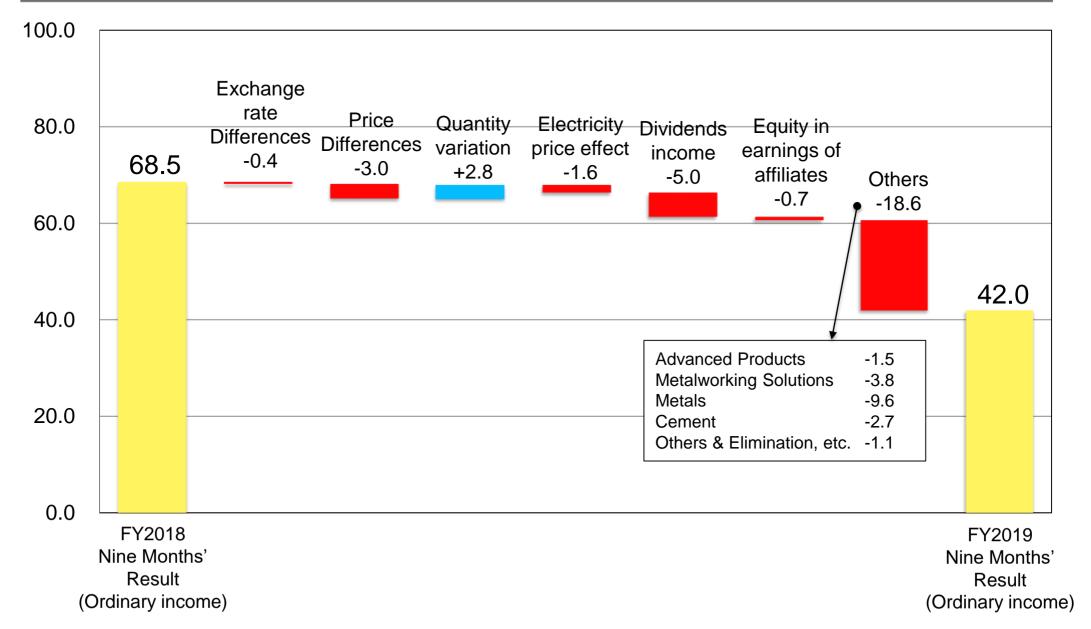
	FY2018 Nine Months' Result (a)	FY2019 Nine Months' Result (b)	Difference (b)-(a)	Reason *
Net sales	1,147.0	1,272.5	125.5	AP +41.9, MS +10.3, Metals +56.5, Cement +4.9, etc.
Operating profit	54.9	34.2	-20.7	AP -3.8, MS -0.1, Metals -10.6, Cement -5.2, etc.
Net interest and dividends income	15.0	10.4	-4.6	Dividend income -5.0, etc.
Equity in earnings of affiliates	2.2	1.5	-0.7	
Other / Non-operating profit / loss	-3.7	-4.1	-0.3	
Ordinary income	68.5	42.0	-26.5	
Extraordinary income / loss	3.5	-11.9	-15.5	Provision for environmental measures -6.5, Impairment loss -3.8, Loss on valuation of investment securities -2.7, etc.
Income taxes	-19.7	-12.7	6.9	
Net income attributable to non-controlling interests	-8.6	-4.4	4.1	
Net income attributable to owners of parent	43.7	12.8	-30.9	
Exchange rate (USD)	112	111	-1	JPY / \$
Exchange rate (EUR)	129	129	0	JPY / €
Copper price (LME)	285	289	4	¢ / 1b

<sup>▲</sup> MITSUBISHI MATERIALS

# **Statistics / Assumptions**

			FY2018	FY2019	
	■ Statistics / Assumptions		Nine Months'	Nine Months'	Difference
			Result (a)	Result (b)	(b)-(a)
	Sales volumes of copper & copper alloy products	(thousand tons)	108	106	-2
	Sales volumes of aluminum sheet products	(thousand tons)	82	80	-2
	Sales volumes of aluminum extrusion products	(thousand tons)	14	13	-1
	Sales volumes of copper cathodes (in-house product)	(thousand tons)	232	234	2
	Sales volumes of copper cathodes (PTS)	(thousand tons)	203	185	-18
	Dividend from copper mine	(¥ billion)	14.4	7.8	-6.6
Ī	Total demand for cement in Japan	(million tons)	32.10	32.52	0.42
	Cement sales volumes for MMC-Domestic	(million tons)	5.35	5.61	0.26
	Cement sales volumes for MMC-Exports	(million tons)	1.80	1.52	-0.28
	Cement sales volumes in the U.S.	(million tons)	1.15	1.15	0.00
	Ready-mixed concrete sales volumes in the U.S.	(million cy)	6.28	6.06	-0.22

### **Factor Analysis of Ordinary Income**



# Factor Analysis of Net Sales, Operating Profit and Ordinary Income by Segment

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		FY2018 Nine Months' Result (a)	FY2019 Nine Months' Result (b)	Differences (b)-(a)	Exchange rate differences	Price differences	Quantity variation	Electricity price effect	Dividends income	Equity in earnings of affiliates	Others
	Net sales	393.4	435.3	41.9	1.5	7.5	5.6	_	_	_	27.2
Advanced Products	Operating profit	14.6	10.8	-3.8	0.0	4.0	0.0	0.7	_	_	-1.1
1 1000010	Ordinary income	14.6	10.6	-3.9	0.0	-1.2	-0.8	-0.7	8.0	-0.5	-1.5
	Netsales	119.6	130.0	10.3	0.0	2.4	4.5	_	_	_	3.4
Metalworking Solutions	Operating profit	13.8	13.7	-0.1	0.4	0.4	0.7	0.4	_	_	-3.7
Colutions	Ordinary income	13.0	12.7	-0.2	0.1	-0.1	3.7	-0.1	-0.0	-0.0	-3.8
	Net sales	508.0	564.6	56.5	-9.0	7.5	58.0	_	_	_	0.0
Metals	Operating profit	9.4	-1.2	-10.6	0.0	0.0		0.5	_	_	-8.2
	Ordinary income	23.1	3.9	-19.2	-0.6	-0.2	-1.1	-0.5	-6.5	-0.7	-9.6
	Net sales	146.0	151.0	4.9	-0.3	2.8	2.4	_	_	_	0.0
Cement	Operating profit	16.9	11.7	-5.2					_	_	-2.9
	Ordinary income	18.3	12.2	-6.0	0.0	-2.0	0.0	-0.3	0.0	-1.0	-2.7
	Net sales	170.2	182.5	12.2	-0.2	8.1	6.7	_	_	_	-2.4
Others	Operating profit	6.2	7.5	1.2	2.2	0.0	0.0	2.2	_	_	-1.4
	Ordinary income	6.1	9.0	2.9	0.0	0.6	2.0	0.0	0.0	1.6	-1.3
	Net sales	-190.4	-191.0	-0.5	0.0	0.0	-0.5	_	_	_	0.0
Elimination,	Operating profit	-6.2	-8.4	-2.1					_	_	-1.4
etc.	Ordinary income	-6.7	-6.6	0.1	0.0	0.0	-0.7	0.0	0.6	-0.0	0.2
	Net sales	1,147.0	1,272.5	125.5	-8.0	28.4	77.0	_	_	_	28.1
Total	Operating profit	54.9	34.2	-20.7					_	_	-18.4
	Ordinary income	68.5	42.0	-26.5	-0.4	-3.0	2.8	-1.6	-5.0	-0.7	-18.6

### **Consolidated Balance Sheet**

[Unit: ¥ billions]

	End of Mar.	End of Dec.	Difference
	2018 (a)	2018 (b)	(b)-(a)
Į.	Assets		
Cash and deposits	93.3	95.9	2.5
Notes and accounts receivable-trade	260.4	254.9	-5.5
Inventories	366.0	364.7	-1.3
Other *	225.1	230.2	5.0
Current assets, subtotal	945.0	945.7	0.6
Property, plant and equipment and intangible assets	710.1	722.4	12.3
Investments and other assets *	355.8	286.0	-69.8
Non-current assets, subtotal	1,065.9	1,008.4	-57.5
Total Assets	2,011.0	1,954.2	-56.8

* Th	ne Company has	adopted the "I	Partial Am	endments t	o Accour	nting Standa	rd
fo	r Tax Effect Acc	counting", etc.	from the b	eginning o	f the first	t quarter of	the
fis	cal year.						
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As a result, deferred tax assets are presented in investments and other assets, and deferred tax liabilities are presented in non-current liabilities.

	End of Mar. 2018 (a)	End of Dec. 2018 (b)	Difference (b)-(a)
	Liabilities		
Notes and accounts payable-trade	158.3	137.1	-21.1
Loans payable, bonds payable, and CP	521.4 26%	531.7	27% 10.3
Other liabilities *	562.7	546.0	-16.6
Liabilities, subtotal	1,242.5	1,215.0	-27.5
	Net assets		
Capital stock	119.4	119.4	_
Capital surplus and treasury stock	90.3	90.3	-0.0
Retained earnings	361.4	364.5	3.0
Total other comprehensive income	111.2	74.2	-37.0
Non-Controlling interests	86.0	90.7	4.7
Net Assets, subtotal	<b>768.4</b> 38%	739.2	38% -29.2
Total liabilities and net assets	2,011.0	1,954.2	-56.8
Shareholders' equity ratio	34 %	33	<u></u>
Net debt to equity ratio	0.6 times		times

# FY2019 Forecast: Statistics / Assumptions / Sensitivity

	Statistics / Assumptions		F	orecast (a)	*	Forec	ast (b) at thi	is time	Difference
			1st Half	2nd Half		1st Half	2nd Half		(b)-(a)
_			Result	Forecast	Full Year	Result	Forecast	Full Year	Full Year
	Sales volumes of copper & copper alloy products	(thousand tons)	70	72	142	70	72	142	0
	Sales volumes of aluminum sheet products	(thousand tons)	53	55	108	53	52	105	-3
	Sales volumes of aluminum extrusion products	(thousand tons)	9	9	18	9	9	17	-1
	Sales volumes of copper cathodes (in-house product)	(thousand tons)	159	152	311	159	144	303	-8
	Sales of volumes of copper cathodes (PTS)	(thousand tons)	148	121	269	148	89	237	-32
	Dividend from copper mine	(¥ billion)	6.2	7.1	13.3	6.2	6.6	12.8	-0.5
	Total demand for cement in Japan	(million tons)	_	_	42.50	_	_	42.50	_
	Cement sales volumes for MMC-Domestic	(million tons)	3.59	3.52	7.11	3.59	3.79	7.38	0.27
	Cement sales volumes for MMC-Exports	(million tons)	0.93	1.24	2.17	0.93	1.17	2.10	-0.07
	Total demand for cement in the U.S.	(million tons)	_	_	97.19	_	_	96.89	-0.30
	Cement sales volumes in the U.S.	(million tons)	0.76	0.78	1.54	0.76	0.76	1.52	-0.02
	Ready-mixed concrete sales volumes in the U.S.	(million cy)	4.19	4.05	8.24	4.19	3.75	7.94	-0.30

<sup>\*</sup>Announced on November 6, 2018

■ Sensitivity	FY2019		■ Assumptions
	4Q		4Q
Exchange rates Operating profit - 1 yen/\$ (yen depreciation)	0.1	billion yen	110 JPY/\$
Operating profit - 1 yen/€ (yen depreciation)	0.03	billion yen	125 JPY/€
Copper price (LME) Operating profit ±10¢/lb	0.1	billion yen	270 4/11-
Non-operating profit $\pm 10$ ¢/lb	0.0	billion yen	270 ¢ / lb

	F	orecast (a)	*	Foreca	ast (b) at thi	s time	Difference
	1st Half	2nd Half		1st Half	2nd Half		(b)-(a)
	Result	Forecast	Full Year	Result	Forecast	Full Year	Full Year
Net sales	855.2	804.8	1,660.0	855.2	794.8	1,650.0	-10.0
Operating profit	27.5	25.5	53.0	27.5	14.5	42.0	-11.0
Net interest and dividends income	7.7	7.8	15.5	7.7	7.3	15.0	-0.5
Equity in earnings of affiliates	0.7	1.8	2.5	0.7	1.3	2.0	-0.5
Other / Non-operating profit / loss	-3.0	-4.0	-7.0	-3.0	-4.0	-7.0	0.0
Ordinary income	33.0	31.0	64.0	33.0	19.0	52.0	-12.0
Extraordinary income / loss	-3.3	-6.2	-9.5	-3.3	-9.2	-12.5	-3.0
Income taxes	-9.9	-12.1	-22.0	-9.9	-13.1	-23.0	-1.0
Net income attributable to non-controlling interests	-4.8	-2.7	-7.5	-4.8	-1.7	-6.5	1.0
Net income attributable to owners of parent	14.8	10.2	25.0	14.8	-4.8	10.0	-15.0
Exchange rate (USD)	110	110	110	110	111	111	1
Exchange rate (EUR)	130	130	130	130	127	128	-2
Copper price (LME)	294	290	292	294	275	285	-7
Dividend per share (yen)	40	40	80	40	40	80	_

<sup>\*</sup>Announced on November 6, 2018

# **FY2019 Performance Forecast by Segment**

		ı	Forecast (a) *		Forec	ast (b) at this	time	Difference
		1st Half Result	2nd Half Forecast	Full Year	1st Half Result	2nd Half Forecast	Full Year	(b)-(a) Full Year
	Net sales	290.5	293.6	584.1	290.5	280.3	570.8	-13.3
Advanced Products	Operating profit	7.6	7.5	15.1	7.6	4.5	12.1	-3.0
	Ordinaryincome	8.1	8.5	16.6	8.1	4.8	12.9	-3.7
	Net sales	87.2	89.7	176.9	87.2	86.9	174.1	-2.8
Metalworking Solutions	Operating profit	9.9	8.4	18.3	9.9	7.3	17.2	-1.1
	Ordinary income	9.3	8.1	17.4	9.3	6.4	15.7	-1.7
	Net sales	386.9	312.1	699.0	386.9	302.3	689.2	-9.8
Metals	Operating profit	4.1	1.1	5.2	4.1	-5.7	-1.6	-6.8
	Ordinary income	8.1	6.3	14.4	8.1	0.1	8.2	-6.2
	Net sales	98.5	99.8	198.3	98.5	101.2	199.7	1.4
Cement	Operating profit	6.9	8.2	15.1	6.9	7.6	14.5	-0.6
	Ordinary income	7.1	8.4	15.5	7.1	7.4	14.5	-1.0
	Net sales	113.3	135.3	248.6	113.3	140.9	254.2	5.6
Others	Operating profit	3.8	7.3	11.1	3.8	8.0	11.8	0.7
	Ordinary income	4.7	7.9	12.6	4.7	8.4	13.1	0.5
	Net sales	-121.3	-125.7	-247.0	-121.3	-116.9	-238.2	8.8
Elimination, etc.	Operating profit	-4.9	-7.1	-12.0	-4.9	-7.2	-12.1	-0.1
	Ordinary income	4.5	-8.1	-12.6	-4.5	-8.2	-12.7	-0.1
	Netsales	855.2	804.8	1,660.0	855.2	794.8	1,650.0	-10.0
Total	Operating profit	27.5	25.5	53.0	27.5	14.5	42.0	-11.0
	Ordinary income	33.0	31.0	64.0	33.0	19.0	52.0	-12.0

<sup>\*</sup>Announced on November 6, 2018

# (FYI) Performance Overview (Quarterly)

				F	'2018 Result				FY2019 Result						
		1Q	2Q	1st Half	3Q	4Q	2nd Half	Full Year	1Q	2Q	1st Half	3Q	4Q	2nd Half	Full Yea
Performance Overview	by Segment														
	Netsales	117.7	130.9	248.6	144.7	142.6	287.3	536.0	148.4	142.0	290.5	144.8	_	_	
Advanced Products	Operating profit	5.8	4.5	10.4	4.2	3.7	8.0	18.4	4.5	3.1	7.6	3.1	_	_	
	Ordinaryincome	5.9	4.4	10.4	4.2	3.8	8.0	18.4	4.3	3.8	8.1	2.5	_	_	
	Net sales	39.0	39.2	78.3	41.3	41.4	82.8	161.1	44.8	42.3	87.2	42.7	_	_	
Metalworking Solutions	Operating profit	4.2	4.4	8.6	5.2	4.6	9.8	18.5	5.9	3.9	9.9	3.8	_	_	
	Ordinary income	3.9	4.1	8.1	4.8	3.7	8.6	16.8	5.4	3.8	9.3	3.3	_	_	
	Net sales	132.6	181.8	314.5	193.5	207.2	400.7	715.3	192.6	194.2	386.9	177.7	_	_	
Metals	Operating profit	1.0	5.0	6.1	3.3	3.3	6.6	12.7	3.5	0.6	4.1	-5.4	_	_	
	Ordinary income	4.8	4.8	9.7	13.4	2.2	15.6	25.4	3.5	4.5	8.1	-4.2	_	_	
	Netsales	47.5	48.0	95.6	50.3	46.3	96.6	192.3	48.6	49.9	98.5	52.4	_	_	
Cement	Operating profit	5.2	5.3	10.6	6.2	2.4	8.7	19.4	3.8	3.1	6.9	4.8	_	_	
	Ordinary income	5.3	5.7	11.0	7.2	2.7	10.0	21.0	3.9	3.1	7.1	5.1	_	_	
	Netsales	50.7	55.6	106.4	63.8	79.2	143.0	249.5	49.9	63.4	113.3	69.1	_	_	
Others	Operating profit	1.6	2.2	3.9	2.3	6.9	9.2	13.1	1.2	2.5	3.8	3.6	_	_	
	Ordinary income	1.9	2.4	4.4	1.7	2.1	3.9	8.3	2.0	2.7	4.7	4.3	_	_	
	Netsales	-54.4	-63.6	-118.1	-72.2	-64.4	-136.7	-254.9	-64.4	-56.8	-121.3	-69.6	_	_	
Elimination, etc.	Operating profit	-0.7	-2.5	-3.3	-2.9	-3.3	-6.2	-9.6	-2.2	-2.7	-4.9	-3.4	_	_	
	Ordinary income	-0.4	-3.7	-4.2	-2.5	-3.6	-6.2	-10.4	-1.3	-3.1	-4.5	-2.0	_	_	
	Netsales	333.3	392.1	725.4	421.5	452.4	874.0	1,599.5	420.0	435.2	855.2	417.2	_	_	
Total	Operating profit	17.3	19.1	36.4	18.5	17.8	36.3	72.8	16.8	10.7	27.5	6.6	_	_	
	Ordinary income	21.6	17.8	39.5	29.0	11.0	40.0	79.6	18.0	14.9	33.0	8.9	_	_	

Statistics	/ Accı	ımntione
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- Claustics / / issumptions															
Sales volumes of copper & copper alloy products	(thousand tons)	35	36	71	37	35	72	143	36	34	70	37	-	_	_
Sales volumes of aluminum sheet products	(thousand tons)	30	26	56	26	25	51	107	28	25	53	27	-	_	_
Sales volumes of aluminum extrusion products	(thousand tons)	5	4	9	5	4	9	18	4	5	9	4	_	-	_
Sales volumes of copper cathodes (in-house product)	(thousand tons)	70	82	152	80	88	168	320	84	75	159	75	-	_	_
Sales of volumes of copper cathodes (PTS)	(thousand tons)	57	78	135	68	60	128	263	69	79	148	37	_	-	_
Dividend from copper mine	(¥ billion)	4.3	-0.0	4.3	10.0	-0.1	9.9	14.3	1.2	4.9	6.2	1.5	_	_	_
Total demand for cement in Japan	(million tons)	10.23	10.61	20.84	11.26	9.78	21.04	41.88	10.46	10.31	20.77	11.75	-	_	_
Cement sales volumes for MMC-Domestic	(million tons)	1.63	1.76	3.39	1.96	1.70	3.66	7.05	1.82	1.77	3.59	2.02	-	-	_
Cement sales volumes for MMC-Exports	(million tons)	0.52	0.64	1.16	0.64	0.57	1.21	2.37	0.41	0.52	0.93	0.58	_	-	_
Total demand for cement in the U.S.	(million tons)	_	_	-	_	_	_	94.18	_	_	_	_	_	-	_
Cement sales volumes in the U.S.	(million tons)	0.45	0.35	0.80	0.35	0.38	0.73	1.53	0.41	0.35	0.76	0.39	_	-	_
Ready-mixed concrete sales volumes in the U.S.	(million cy)	2.29	2.07	4.36	1.93	1.82	3.75	8.11	2.10	2.09	4.19	1.86	_	_	_
Exchange rate (USD) JPY / \$		111	111	111	113	108	111	111	109	111	110	113	-	_	_
Exchange rate (EUR) JPY / €		122	130	126	133	133	133	130	130	130	130	129	-	-	_
Copper price (LME) ¢ / lb		257	288	272	309	316	312	292	312	277	294	280	-	_	_

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These projected performance figures are based on information available to the Company's management as of the day for releasing this material. There are many uncertain or risk factors inherent in projections, and there might be cases in which actual results materially differ from projections of this material.