

# Fiscal 2012 2<sup>nd</sup> Quarter Financial Results

- supplementary financial summary -

November 1, 2012 Asahi Kasei Corporation

# Contents



Consolidated results for 1 <sup>st</sup> h fiscal year 2012	nalf	Forecast for fiscal year 2012	2
Summary of financial results	4–5	Consolidated operating performance	16
Statements of income	6	Forecast by segment	17–18
Financial activity	7	Appendix	
Extraordinary income and loss	8	Quarterly performance by segment	20–21
Balance sheets	9	Overview of results by segment	22–34
Cash flows and primary investments	10	Primary investments by segment	35
Cach none and printer,	. •	Major investments	36
Sales and operating income by segment	11–14	Statements of comprehensive income	37



# Consolidated results for 1<sup>st</sup> half fiscal year 2012

# Summary of financial results (i)



	H1 2011	H1 2012	
		Result	Forecast in Aug.
Net sales <sup>1</sup>	784.4	787.5	794.0
of which, overseas sales	227.8	230.3	-
Operating income	63.8	38.3	35.5
Ordinary income	62.1	35.9	32.5
Net income	38.2	20.6	18.5

			, ,
H1 2012 vs. H1 2011		Result vs. foreca	
Increase (decrease)	% change	Increase (decrease)	% change
3.1	+0.4%	(6.5)	-0.8%
2.5	+1.1%	_	_
(25.5)	-39.9%	2.8	+7.9%
(26.3)	-42.3%	3.4	+10.4%
(17.6)	-46.1%	2.1	+11.4%

<sup>&</sup>lt;sup>1</sup> The accounting policy for naphtha resale was changed in Q4 2011 to exclude the naphtha resale amount from net sales, which is applied retroactively for the full FY 2011. (Naphtha resale amount was ¥17.7 billion in H1 2011.)

At closing	Mar. 2012	Sep. 2012	Increase (decrease)
Total assets	1,410.6	1,692.4	281.8
Equity	706.8	707.3	0.5
Interest-bearing debt	184.1	416.9	232.8
Debt/equity ratio	0.26	0.59	0.33

# Summary of financial results (ii)



	H1 2011	H1 2012
Dividends per share	¥7	¥7
Net income per share (EPS)	¥27.33	¥14.75
Net worth per share (BPS)	¥497.50	¥506.09

#### Scope of consolidation

Number of consolidated subsidiaries	103	124
Number of affiliates for which the equity method is applied	48	45

#### Key operating factors

Naphtha price (¥/kL, domestic)	56,950	55,200
¥/US\$ exchange rate (market average)	80	79
	•	
Employees at end of period	25,283	28,433

## Statements of income



			=.			(* billion,
	H1 2	2011	H1 2	2012	Increase	%
		% of sales		% of sales	(decrease)	change
Net sales <sup>1</sup>	784.4	100.0%	787.5	100.0%	3.1	+0.4%
Cost of sales <sup>1</sup>	578.2	73.7%	585.2	74.3%	7.0	+1.2%
Gross profit	206.3	26.3%	202.3	25.7%	(4.0)	-1.9%
Selling, general and administrative expenses	142.5	18.2%	164.0	20.8%	21.5	+15.1%
Operating income	63.8	8.1%	38.3	4.9%	(25.5)	-39.9%
Net non-operating income (expenses)	(1.6)		(2.4)		(0.8)	/
of which,						
net financing income (expense)	0.7		0.7		0.0	
net equity in earnings (losses) of affiliates	0.9		0.0		(0.9)	
foreign exchange loss	(2.5)		(1.7)		0.8	
Ordinary income	62.1	7.9%	35.9	4.6%	(26.3)	-42.3%
Net extraordinary income (loss)	(3.1)		(3.1)		(0.0)	
Income before income taxes and minority interests	59.1	7.5%	32.8	4.2%	(26.3)	-44.5%
Income taxes	(20.0)		(11.8)		8.3	
Minority interests in income	(0.8)		(0.4)		0.4	
Net income	38.2	4.9%	20.6	2.6%	(17.6)	-46.1%
						<i>(</i> /0.0

<sup>&</sup>lt;sup>1</sup> The accounting policy for naphtha resale was changed in Q4 2011 to exclude the naphtha resale amount from net sales and cost of sales respectively, which is applied retroactively for the full FY 2011. (Naphtha resale amount was ¥17.7 billion in H1 2011.)

# Financing activity

#### Asahi **KASEI**

Financing income and expenses

	H1 2011	H1 2012
Interest expenses	(1.4)	(1.6)
Interest income	0.7	0.8
Dividends income	1.5	1.6
Others	(0.0)	(0.0)
Net	0.7	0.7

(¥ billion)

`	
Increase	
(decrease)	
(0.1)	
0.1	
0.1	
(0.0)	
0.0	

Interest-bearing debt

At end of	Sep. 2011	Mar. 2012	Sep. 2012
Short-term loans payable	64.5	74.5	110.5
Commercial paper	14.0	15.0	117.0
Long-term loans payable	85.3	62.7	137.0
Bonds payable	25.0	25.0	45.0
Lease obligations	5.7	6.9	7.3
Total	194.5	184.1	416.9

,
Mar.–Sep. 12
increase
(decrease)
36.1
102.0
74.3
20.0
0.4
232.8

# Extraordinary income and loss



	H1 2011	H1 2012	Increase (decrease)
Extraordinary income			
Gain on sales of investment securities	0.1	_	(0.1)
Gain on sales of property, plant and equipment	0.3	0.0	(0.3)
Total extraordinary income	0.4	0.0	(0.4)
Extraordinary loss			
Loss on valuation of investment securities	0.5	0.1	(0.4)
Loss on disposal of noncurrent assets	1.4	1.6	0.2
Impairment loss	0.2	0.5	0.4
Loss on disaster	0.9	-	(0.9)
Business structure improvement expenses	0.6	1.0	0.3
Total extraordinary loss	3.5	3.1	(0.4)
Net extraordinary income (loss)	(3.1)	(3.1)	(0.0)

## Balance sheets<sup>1</sup>



							(# DIIIIOII)
	At end of Mar. 2012	At end of Sep. 2012	Increase (decrease)		At end of Mar. 2012	At end of Sep. 2012	Increase (decrease)
Current assets	721.8	813.6	91.9	Liabilities	691.3	973.5	282.2
Cash and deposits	102.9	119.2	16.4	Current liabilities	449.6	615.8	166.2
Notes and accounts receivable–trade	266.1	289.0	22.9	Noncurrent liabilities	241.7	357.6	116.0
Inventories	279.2	311.8	32.6	Net assets	719.3	718.9	(0.4)
Other current assets	73.6	93.6	20.0	Shareholders' equity	696.8	710.6	13.8
Noncurrent assets	688.8	878.8	190.0	Capital stock	103.4	103.4	_
Property, plant and equipment	416.1	438.6	22.5	Capital surplus	79.4	79.4	(0.0)
Intangible assets	45.2	215.4	170.2	Retained earnings	516.4	530.2	13.8
Investments and other assets	227.5	224.8	(2.7)	Treasury stock	(2.4)	(2.4)	(0.0)
other assets				Accumulated other comprehensive income	10.0	(3.3)	(13.3)
				Minority interests	12.4	11.6	(0.9)
Total assets	1,410.6	1,692.4	281.8	Total liabilities and net assets	1,410.6	1,692.4	281.8

<sup>&</sup>lt;sup>1</sup> Effect of consolidation of ZOLL Medical Corporation, etc. is shown on p. 34.

# Cash flows and primary investments



Cash flows (¥ billion)

0.011 110 110		()
	H1 2011	H1 2012
a. Net cash provided by (used in) operating activities	63.1	29.9
b. Net cash provided by (used in) investing activities	(38.6)	(228.6)
c. Free cash flows [a+b]	24.5	(198.7)
d. Net cash provided by (used in) financing activities	(70.0)	221.4
e. Effect of exchange rate change on cash and cash equivalents	0.3	(5.7)
f. Net increase (decrease) in cash and cash equivalents [c+d+e]	(45.1)	17.1
g. Cash and cash equivalents at beginning of period	134.4	96.4
h. Increase in cash and cash equivalents resulting from change of scope of consolidation	1.5	0.1
i. Effect of change in the reporting period of consolidated subsidiaries and affiliates	0.5	(5.3)
j. Cash and cash equivalents at end of period [f+g+h+i]	91.3	108.2

#### Primary investments

			FY 2011		FY 2012
		H1 2011	FY 2011	H1 2012	forecast
	Capital expenditure (tangible)	34.1	75.4	46.4	99.0
	Capital expenditure (intangible)	3.5	9.7	8.5	16.0
To	otal capital expenditure	37.6	85.1	54.9	115.0
	Depreciation and amortization excluding goodwill	37.8	78.4	37.4	82.0
	Amortization of goodwill	0.5	1.2	3.2	
To	otal depreciation and amortization	38.3	79.6	40.6	
R	&D expenditures	32.0	66.3	35.1	73.0

# H1 2012 vs. H1 2011 sales and operating income by segment



		Sales <sup>1</sup>		Operating income (loss)			
	H1 2011	H1 2012	Increase (decrease)	H1 2011	H1 2012	Increase (decrease)	
Chemicals	360.1	332.3	(27.8)	34.1	14.6	(19.6)	
Homes	200.0	213.0	13.1	17.9	18.8	0.9	
Health Care	60.0	64.8	4.8	5.6	7.5	1.9	
Fibers	56.1	53.9	(2.3)	2.1	1.7	(0.4)	
Electronics	77.5	66.9	(10.6)	7.0	0.0	(7.0)	
Construction Materials	22.2	24.8	2.5	0.8	1.6	0.8	
Critical Care <sup>2</sup>	_	22.9	22.9	_	(1.1)	(1.1)	
Others	8.5	8.9	0.4	1.2	1.2	(0.0)	
Corporate expenses and eliminations	_	_	_	(5.0)	(6.0)	(1.0)	
Consolidated	784.4	787.5	3.1	63.8	38.3	(25.5)	

(* billion)						
H1 2012 forecast						
in A	Aug.					
Sales	Operating income (loss)					
334.0	14.5					
213.0	18.0					
65.0	6.0					
54.0	1.5					
69.0	1.0					
26.0	1.5					
23.0	(1.5)					
10.0	1.0					
-	(6.5)					
794.0	35.5					

<sup>&</sup>lt;sup>1</sup> The accounting policy for naphtha resale in the Chemicals segment was changed in Q4 2011 to exclude the naphtha resale amount from net sales, which is applied retroactively for the full FY 2011. (Naphtha resale amount was ¥17.7 billion in H1 2011.)

<sup>&</sup>lt;sup>2</sup> Critical Care is added as a new operating segment in FY 2012, in which results of ZOLL Medical Corp., etc. are reported.

# Overseas sales by segment



(¥ billion)

	J	H1 2011			H1 2012		Increase (decrease)		
	Total sales <sup>1</sup>	Overseas	0/ (1.1.1	- Total sales	Overseas	0/ 61 11	in over	rseas sales	
		sales	% of total		sales	% of total		% change	
Chemicals	360.1	154.2	42.8%	332.3	138.7	41.7%	(15.6)	-10.1%	
Homes	200.0		_	213.0	_	_			
Health Care	60.0	15.3	25.4%	64.8	13.7	21.1%	(1.6)	-10.3%	
Fibers	56.1	18.2	32.4%	53.9	18.3	34.0%	0.1	+0.7%	
Electronics	77.5	39.5	51.0%	66.9	36.3	54.2%	(3.2)	-8.2%	
Construction Materials	22.2	_		24.8	_	_		_	
Critical Care <sup>2</sup>	_	_		22.9	22.8	99.6%	22.8	_	
Others	8.5	0.6	7.3%	8.9	0.6	6.7%	(0.0)	-4.5%	
Total	784.4	227.8	29.0%	787.5	230.3	29.2%	2.5	+1.1%	
Sales to East Asia <sup>3</sup>		144.8	18.5%		136.9	17.4%	(7.9)	-5.5%	
of which, sales to China		75.3	9.6%		74.0	9.4%	(1.2)	-1.6%	

Sales, excluding Homes and Construction Materials

562.2 227.8 40.5% 549.7 230.3 41.9%

<sup>&</sup>lt;sup>1</sup> The accounting policy for naphtha resale in the Chemicals segment was changed in Q4 2011 to exclude the naphtha resale amount from net sales, which is applied retroactively for the full FY 2011. (Naphtha resale amount was ¥17.7 billion in H1 2011.)

<sup>&</sup>lt;sup>2</sup> Critical Care is added as a new operating segment in FY 2012, in which results of ZOLL Medical Corp., etc. are reported.

<sup>&</sup>lt;sup>3</sup> China, Korea, and Taiwan.

# Sales and operating income increases/decreases by segment (i)



					-				(¥ billion)
				Net		Increa	se (decrease)	) due to:	
			H1 2012	increase (decrease)	Sales volume	Sales prices	of which, due to foreign exchange	Others	Operating costs and others
Chemicals	Sales <sup>1</sup>	360.1	332.3	(27.8)	(15.6)	(12.2)	(0.2)	_	_
Chemicais	Operating income	34.1	14.6	(19.6)	(4.1)		(0.3)	_	(3.3)
Homes	Sales	200.0	213.0	13.1	17.2	2.0	_	(6.2)	_
Tiones	Operating income	17.9	18.8	0.9	4.8	2.0		_	(5.8)
Health Care	Sales	60.0	64.8	4.8	7.2	(2.3)	(0.7)	_	_
Ticaliti Care	Operating income	5.6	7.5	1.9	6.7	(2.3)	(0.7)	_	(2.5)
Fibers	Sales	56.1	53.9	(2.3)	(1.5)	(0.8)	(0.7)	_	_
1 10015	Operating income	2.1	1.7	(0.4)	(0.4)	(0.0)	(0.7)	_	0.8
Electronics	Sales	77.5	66.9	(10.6)	(5.3)	(5.3)	(0.2)	_	_
Electronics	Operating income	7.0	0.0	(7.0)	(1.3)	(0.0)	(0.2)	_	(0.5)

<sup>&</sup>lt;sup>1</sup> The accounting policy for naphtha resale in the Chemicals segment was changed in Q4 2011 to exclude the naphtha resale amount from net sales, which is applied retroactively for the full FY 2011. (Naphtha resale amount was ¥17.7 billion in H1 2011.)

# Sales and operating income increases/decreases by segment (ii)



									(1 Dillion)
				NIat		Increa	se (decrease)	) due to:	
			H1 2012	Net increase (decrease)	Sales volume	Sales prices	of which, due to foreign exchange	Others	Operating costs and others
Construction	Sales	22.2	24.8	2.5	2.3	0.2		-	_
Materials	Operating income	0.8	1.6	0.8	0.4	0.2	_	_	0.2
Critical Care <sup>1</sup>	Sales	_	22.9	22.9	_			22.9	_
Critical Care	Operating loss	_	(1.1)	(1.1)	I			l	(1.1)
Others	Sales	8.5	8.9	0.4	0.3			0.1	_
Others	Operating income	1.2	1.2	(0.0)	0.0			-	(0.1)
Corporate expenses and eliminations	Operating loss	(5.0)	(6.0)	(1.0)	_	_	_	_	(1.0)
Consolidated	Sales <sup>2</sup>	784.4	787.5	3.1	4.6	(18.3)	(1.9)	16.8	_
Consolidated	Operating income	63.8	38.3	(25.5)	6.1	(18.3)	(1.9)	_	(13.3)

<sup>&</sup>lt;sup>1</sup> Critical Care is added as a new operating segment in FY 2012, in which results of ZOLL Medical Corp., etc. are reported.

 $<sup>^2</sup>$  The accounting policy for naphtha resale in the Chemicals segment was changed in Q4 2011 to exclude the naphtha resale amount from net sales, which is applied retroactively for the full FY 2011. (Naphtha resale amount was \$17.7 billion in H1 2011.)



# Forecast for fiscal year 2012

# Consolidated operating performance



(¥ billion)

		FY 2011			FY 2012 forecast			FY 2012	Increase
	H1	H2	Total	H1	H2 forecast	Total	Increase (decrease)	forecast in May	(decrease)
Net sales <sup>1</sup>	784.4	788.8	1,573.2	787.5	897.5	1,685.0	111.8	1,781.0	(96.0)
Operating income	63.8	40.5	104.3	38.3	57.7	96.0	(8.3)	112.0	(16.0)
Ordinary income	62.1	45.4	107.6	35.9	57.1	93.0	(14.6)	115.0	(22.0)
Net income	38.2	17.6	55.8	20.6	29.9	50.5	(5.3)	66.5	(16.0)

<sup>&</sup>lt;sup>1</sup> The accounting policy for naphtha resale was changed in Q4 2011 to exclude the naphtha resale amount from net sales, which is applied retroactively for the full FY 2011. (Naphtha resale amount was ¥17.7 billion in H1 2011 and ¥22.0 billion in H2 2011.)

Naphtha price (¥/kL, domestic)	56,950	52,900	54,925	55,200	55,000	55,100	175	62,000	
¥/US\$ exchange rate (market average)	80	78	79	79	79	79	0	80	

	FY 2011	FY 2012
Dividends per share	¥14	¥14 (planned)
Payout ratio	35.1%	38.7%

(6,900)

# Sales<sup>1</sup> forecast by segment



	-	FY 201	1	FY 2012 forecast			Increase	FY 2012	2 forecas	t in May	Increase (decrease)		
	H1	H2	Total	H1	H2 forecast	Total	(decrease)	H1	H2	Total	H1	H2	Total
Chemicals	360.1	320.0	680.1	332.3	367.7	700.0	19.9	385.0	397.0	782.0	(52.7)	(29.3)	(82.0)
Homes	200.0	252.0	452.0	213.0	273.0	486.0	34.0	213.0	269.0	482.0	0.0	4.0	4.0
Health Care	60.0	59.5	119.5	64.8	68.2	133.0	13.5	62.0	69.0	131.0	2.8	(0.8)	2.0
Fibers	56.1	54.7	110.8	53.9	56.1	110.0	(0.8)	55.0	57.0	112.0	(1.1)	(0.9)	(2.0)
Electronics	77.5	68.6	146.1	66.9	69.1	136.0	(10.1)	74.0	78.0	152.0	(7.1)	(8.9)	(16.0)
Construction Materials	22.2	23.9	46.1	24.8	28.2	53.0	6.9	26.0	27.0	53.0	(1.2)	1.2	_
Critical Care <sup>2</sup>	_	_	_	22.9	26.1	49.0	49.0	23.0	26.0	49.0	(0.1)	0.1	-
Others	8.5	10.1	18.6	8.9	9.1	18.0	(0.6)	9.0	11.0	20.0	(0.1)	(1.9)	(2.0)
Consolidated	784.4	788.8	1,573.2	787.5	897.5	1,685.0	111.8	847.0	934.0	1,781.0	(59.5)	(36.5)	(96.0)

<sup>&</sup>lt;sup>1</sup> The accounting policy for naphtha resale in the Chemicals segment was changed in Q4 2011 to exclude the naphtha resale amount from net sales, which is applied retroactively for the full FY 2011. (Naphtha resale amount was ¥17.7 billion in H1 2011 and ¥22.0 billion in H2 2011.)

<sup>&</sup>lt;sup>2</sup> Critical Care is added as a new operating segment in FY 2012, in which results of ZOLL Medical Corp., etc. are reported.

# Operating income forecast by segment



												` `	71111011)	
	I	FY 2011		FY:	2012 fored	cast	Increase	FY 2	FY 2012 forecast in May			Increase (decrease)		
	H1	H2	Total	H1	H2 forecast	Total	(decrease)	H1	H2	Total	H1	H2	Total	
Chemicals	34.1	10.4	44.5	14.6	16.4	31.0	(13.5)	22.0	24.0	46.0	(7.4)	(7.6)	(15.0)	
Homes	17.9	28.4	46.3	18.8	33.2	52.0	5.7	18.0	32.0	50.0	0.8	1.2	2.0	
Health Care	5.6	3.2	8.8	7.5	8.5	16.0	7.2	4.5	8.0	12.5	3.0	0.5	3.5	
Fibers	2.1	1.0	3.1	1.7	2.3	4.0	0.9	2.0	2.5	4.5	(0.3)	(0.2)	(0.5)	
Electronics	7.0	(0.6)	6.4	0.0	2.5	2.5	(3.9)	3.5	7.0	10.5	(3.5)	(4.5)	(8.0)	
Construction Materials	0.8	1.1	1.8	1.6	1.9	3.5	1.7	1.5	1.5	3.0	0.1	0.4	0.5	
Critical Care <sup>1</sup>	_	_	_	(1.1)	(2.9)	(4.0)	(4.0)	(1.5)	(2.5)	(4.0)	0.4	(0.4)	_	
Others	1.2	1.8	3.0	1.2	0.8	2.0	(1.0)	1.0	1.0	2.0	0.2	(0.2)	_	
Corporate expenses and eliminations	(5.0)	(4.8)	(9.7)	(6.0)	(5.0)	(11.0)	(1.3)	(6.0)	(6.5)	(12.5)	0.0	1.5	1.5	
Consolidated	63.8	40.5	104.3	38.3	57.7	96.0	(8.3)	45.0	67.0	112.0	(6.7)	(9.3)	(16.0)	

<sup>&</sup>lt;sup>1</sup> Critical Care is added as a new operating segment in FY 2012, in which results of ZOLL Medical Corp., etc. are reported.



# Appendix

# Quarterly sales<sup>1</sup> by segment

13.4

excluded from net sales



(¥ billion)

		FY 2	2010			FY 2	2011		FY 2	2012	FY2012
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	H2 forecast
Chemicals	165.0	180.4	173.7	180.8	177.9	182.2	165.6	154.5	161.1	171.3	367.7
Homes	64.5	109.0	90.5	145.2	79.2	120.8	109.0	143.0	86.3	126.7	273.0
Health Care	28.7	29.0	30.5	28.1	29.4	30.6	30.7	28.8	32.4	32.4	68.2
Fibers	26.5	28.1	27.1	27.1	27.7	28.4	27.2	27.5	26.3	27.6	56.1
Electronics	40.9	42.2	38.4	36.7	39.8	37.8	35.6	32.9	34.0	33.0	69.1
Construction Materials	11.0	12.4	13.7	10.3	10.1	12.2	12.8	11.1	11.5	13.2	28.2
Critical Care <sup>2</sup>	_	_	_	_	_	_	_	_	9.1	13.8	26.1
Others	3.5	3.9	3.7	4.9	4.0	4.5	4.4	5.7	4.4	4.5	9.1
Total	340.1	405.1	377.7	433.0	368.0	416.5	385.3	403.5	365.0	422.5	897.5
Naphtha resale amount	13.4	6.2	16.2	6.6	8.2	9.6	16.4	5.6		•	

<sup>&</sup>lt;sup>1</sup> The accounting policy for naphtha resale in the Chemicals segment was changed in Q4 2011to exclude the naphtha resale amount from net sales, which is applied retroactively for the full FY 2011 and FY 2010.

6.6

8.2

9.6

16.4

5.6

16.2

6.2

<sup>&</sup>lt;sup>2</sup> Critical Care is added as a new operating segment in FY 2012, in which results of ZOLL Medical Corp., etc. are reported.

# Quarterly operating income by segment

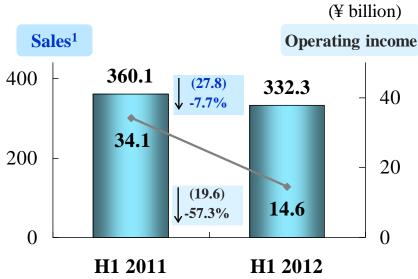


		FY 2	2010			FY 2	2011		FY 2	2012	FY 2012
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	H2 forecast
Chemicals	15.3	22.0	16.6	10.5	19.4	14.7	9.2	1.2	4.3	10.2	16.4
Homes	(0.9)	11.0	7.9	18.5	3.6	14.2	10.9	17.5	3.6	15.2	33.2
Health Care	3.3	0.8	3.5	(0.6)	2.6	3.0	3.7	(0.6)	4.7	2.8	8.5
Fibers	1.2	1.1	1.3	0.6	1.4	0.7	0.5	0.5	0.6	1.1	2.3
Electronics	5.2	5.5	3.2	0.4	4.8	2.2	(0.5)	(0.2)	(0.4)	0.4	2.5
Construction Materials	0.3	0.8	1.3	(0.3)	0.2	0.5	0.9	0.1	0.5	1.1	1.9
Critical Care <sup>1</sup>	_	_	-	_	-	_	_	_	(0.5)	(0.6)	(2.9)
Others	0.3	0.5	0.2	0.7	0.4	0.8	0.9	0.9	0.8	0.3	0.8
Corporate expenses and eliminations	(2.0)	(1.0)	(2.8)	(1.4)	(2.2)	(2.7)	(2.5)	(2.3)	(2.9)	(3.0)	(5.0)
Total	22.8	40.7	31.0	28.4	30.2	33.5	23.3	17.2	10.8	27.5	57.7

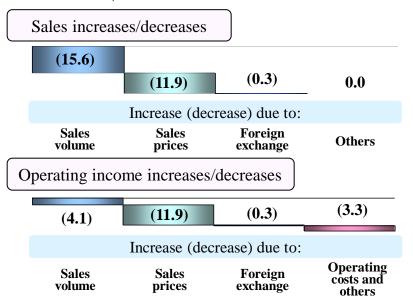
<sup>&</sup>lt;sup>1</sup> Critical Care is added as a new operating segment in FY 2012, in which results of ZOLL Medical Corp., etc. are reported.

#### Chemicals





<sup>1</sup> The accounting policy for naphtha resale was changed in Q4 of FY 2011, and naphtha resale amount is now excluded from net sales, which is applied retroactively for the full FY 2011. (Naphtha resale amount ¥17.7 billion for H1 2011)



#### Review of operations

#### Volume products:

Chemicals and derivative products

Terms of trade deteriorated significantly as market conditions for acrylonitrile and adipic acid declined due to an economic slowdown in China. Sales and operating income decrease.

#### Polymer products

Impact of growing imports of polyethylene into the domestic market. Good performance of engineering plastics for automotive applications and synthetic rubber for tires. Sales decrease, but operating income increase.

#### Specialty products:

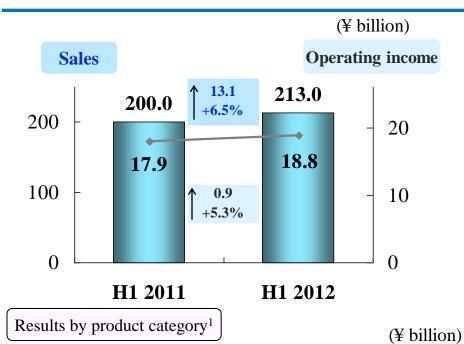
Impact of the economic slowdown in China for ion-exchange membranes. Good performance in coating materials and functional chemicals for pharmaceutical manufacture. Sales decrease, but operating income increase.

#### Highlights

- May, completion of a new plant for Saran Wrap<sup>TM</sup>.
- June, start of operation at a large-scale municipal MBR wastewater treatment facility in Paju, Gyeonggi-do, Korea, using Microza<sup>TM</sup> hollow-fiber membrane system.

#### Homes





	H1	2011		H1	2012
	Sales	Operating income		Sales	Operating income
Order-built homes	145.9		Order-built homes, etc. (Asahi Kasei Homes)	161.4	14.8
nomes		/	Real estate-related		
Pre-built	11.9		(Asahi Kasei Fudousan Residence)	28.8	1.1
homes			Remodeling (Asahi Kasei Reform)	21.6	2.6
Housing- related, etc.	42.2		Other housing-related, etc.	1.2	0.3
Total	200.0	17.9	Total	213.0	18.8

#### Review of operations

#### Order-built homes:

- Increased deliveries of both Hebel Haus<sup>TM</sup> unit homes and Hebel Maison<sup>TM</sup> apartment buildings. Sales and operating income increase.
- Effect of government policy to support home purchases. Development of products matching needs in urban areas. Value of new orders increased 9.5% from a year ago.

#### Real estate—related, remodeling and others:

Decreased deliveries of condominiums in real-estate operations. Good performance in remodeling operations with solar panel installation and other renovation work. Sales and operating income increase.

#### **Highlights**

- April, launch of two-generation Hebel Haus<sup>TM</sup> homes with a system for energy sharing between families.
- April, launch of homes with enhanced disaster resistance and independent energy supply system.
- July, introduction of V2H system<sup>2</sup> and new home energy management system as options for Hebel Haus<sup>TM</sup>.
- August, launch of homes with features for families living with their parents and a single sibling.

<sup>&</sup>lt;sup>1</sup> Product categories are revised from FY 2012. A portion of sales previously included in pre-built homes is now included in order-built homes, etc. Otherwise, sales in the previous pre-built homes category are now included in real estate—related.

<sup>&</sup>lt;sup>2</sup> Vehicle to home system, which enables return of energy from rechargeable battery of electric vehicle to home energy system.

# Homes (i)

#### Asahi **KASEI**

#### Sales<sup>1</sup> and order trends

(¥ billion, % change from same period of previous year shown at right)

			new orders the term	Sales of built h		Sales of pre-	built homes	Other		olidated diaries	Conso	olidated	Order
	1	during t	ne term	built II	omes			sales	Subsi	luiaries			backlog
FY08	H1	157.1	(+2.3%)	129.4	(-1.4%)	6.0	(+19.7%)	0.7	34.3	(+13.2%)	170.3	(+2.0%)	326.6
	H2	133.9	(-12.1%)	177.9	(+7.2%)	24.0	(+22.8%)	0.9	36.9	(+10.8%)	239.6	(+9.3%)	282.6
	annual	291.1	(-4.9%)	307.3	(+3.4%)	29.9	(+22.2%)	1.5	71.2	(+11.8%)	409.9	(+6.1%)	
FY09	H1	154.6	(-1.6%)	115.8	(-10.5%)	5.2	(-12.6%)	0.8	35.8	(+4.4%)	157.7	(-7.4%)	321.3
	H2	152.3	(+13.7%)	166.5	(-6.4%)	26.9	(+12.4%)	1.1	37.5	(+1.7%)	232.0	(-3.2%)	307.1
	annual	306.9	(+5.4%)	282.3	(-8.1%)	32.1	(+7.4%)	1.9	73.4	(+3.0%)	389.7	(-4.9%)	
FY10	H1	181.7	(+17.6%)	125.5	(+8.3%)	9.4	(+79.8%)	1.1	37.5	(+4.8%)	173.5	(+10.0%)	363.4
	H2	172.8	(+13.4%)	176.6	(+6.1%)	18.4	(-31.7%)	1.5	39.2	(+4.5%)	235.7	(+1.6%)	359.5
	annual	354.5	(+15.5%)	302.1	(+7.0%)	27.8	(-13.6%)	2.5	76.8	(+4.6%)	409.2	(+5.0%)	
FY11	H1	189.4	(+4.2%)	145.9	(+16.3%)	11.9	(+26.5%)	1.5	40.6	(+8.3%)	200.0	(+15.2%)	403.0
	H2	182.5	(+5.6%)	193.7	(+9.7%)	11.8	(-35.7%)	46.	5	(+14.2%)	252.0	(+6.9%)	391.8
	annual	371.9	(+4.9%)	339.6	(+12.4%)	23.7	(-14.7%)	88.	7	(+11.8%)	452.0	(+10.4%)	

			Value of new orders during the term		Sales of order-	Sales	of real	estate-r	elated	Sales of	Other		Order
					built homes, etc.	Pre-built homes	Rental housing	Other	Total	Remodeling	sales	Consolidated	backlog
	FY12	H1	207.5	(+9.5%)	161.4	4.4	23.3	1.1	28.8	21.6	1.2	213.0 (+6.5%)	441.5
		H2 forecast	192.0	(+5.2%)	204.5	17.6	24.8	1.4	43.7	23.4	1.3	273.0 (+8.3%)	434.3
		annual	399.5	(+7.4%)	366.0	22.0	48.0	2.5	72.5	45.0	2.6	486.0 (+7.5%)	

<sup>&</sup>lt;sup>1</sup> Product categories are revised from FY 2012. A portion of sales previously included in pre-built homes is now included in order-built homes, etc. Otherwise, sales in the previous pre-built homes category are now included in real estate—related.

24/38



#### Breakdown of H1 2012 sales and orders of Asahi Kasei Homes

(% change from previous year)

		Net	sales	Number o	f units sold	Orders received				
		(¥ billion)	(% change)	(units)	(% change)	(¥ billion)	(% change)	(units)	(% change)	
Unit homes	1-2 story	97.6	+3.4%	3,186	+2.4%	121.8	+8.8%	4,221	+11.7%	
	3+ story	35.7	+12.0%	1,375	+19.8%	45.8	+3.2%	1,864	+7.1%	
	Total	133.3	+5.6%	4,561	+7.1%	167.6	+7.2%	6,085	+10.2%	
Multi-dwelling	1-2 story	8.3	+45.6%	665	+43.9%	14.6	+24.1%	1,201	+24.6%	
homes	3+ story	16.2	+15.9%	1,302	+9.0%	25.3	+18.6%	1,965	+12.2%	
	Total	24.5	+24.5%	1,967	+18.7%	39.9	+20.6%	3,166	+16.6%	
Order-built hon	nes total	157.8	+8.1%	6,528	+10.3%	207.5	+9.5%	9,251	+12.3%	
Other <sup>1</sup>		3.6	-72.9%	13	-90.9%	_	-	_	_	
Asahi Kasei Homes total		161.4	+1.3%	6,541	+8.0%	207.5	+9.5%	9,251	+12.3%	

<sup>&</sup>lt;sup>1</sup> Includes sales of street-corner showrooms and land for Hebel Haus™ construction, insurance commissions, etc.
Percent change from previous year is based on comparison with FY 2011 figures which include some operations (e.g. condominium operations) that were transferred from Asahi Kasei Homes to Asahi Kasei Fudousan Residence in Oct. 2011.



#### Breakdown of sales and order forecast of Asahi Kasei Homes for FY 2012

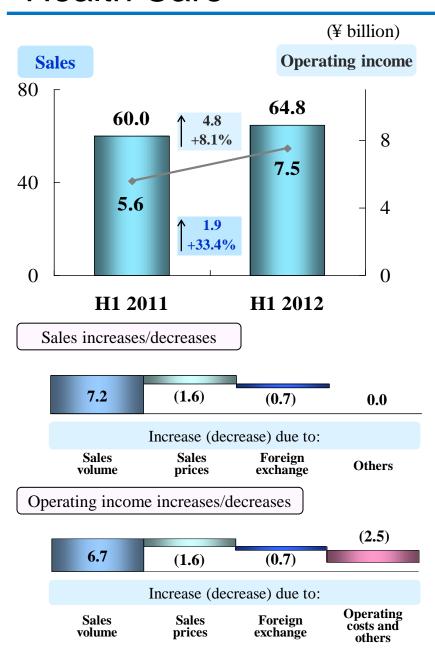
(% change from previous year)

		Net	sales	Number o	of units sold	Orders received				
		(¥ billion)	(% change)	(units)	(% change)	(¥ billion)	(% change)	(units)	(% change)	
Unit homes	1-2 story	214.4	+3.3%	7,080	+3.0%	234.5	+8.4%	8,080	+10.6%	
	3+ story	81.9	+7.1%	3,210	+10.4%	89.1	+1.3%	3,570	+2.3%	
	Total	296.3	+4.3%	10,290	+5.2%	323.6	+6.4%	11,650	+8.0%	
Multi-dwelling	1-2 story	22.1	+13.3%	1,790	+9.3%	28.2	+15.3%	2,300	+18.3%	
homes	3+ story	38.6	+7.1%	3,105	+1.3%	47.7	+10.5%	3,765	+7.7%	
	Total	60.7	+9.3%	4,895	+4.1%	75.9	+12.2%	6,065	+11.5%	
Order-built hon	nes total	357.0	+5.1%	15,185	+4.8%	399.5	+7.4%	17,715	+9.1%	
Other <sup>1</sup>		8.9	-51.6%	50	-70.1%	_	_	_	_	
Asahi Kasei Hor	nes total	366.0	+2.2%	15,235	+4.0%	399.5	+7.4%	17,715	+9.1%	

<sup>&</sup>lt;sup>1</sup> Includes sales of street-corner showrooms and land for Hebel Haus™ construction, insurance commissions, etc. Percent change from previous year is based on comparison with FY 2011 figures which include some operations (e.g. condominium operations) that were transferred from Asahi Kasei Homes to Asahi Kasei Fudousan Residence in Oct. 2011.

#### **Health Care**





#### Review of operations

#### Pharmaceuticals:

Increased R&D expenses. Impact of reduced reimbursement prices. Strong sales growth of Teribone<sup>TM</sup>, a new osteoporosis drug launched in November 2011. Steady growth of Recomodulin<sup>TM</sup> recombinant thrombomodulin. Sales and operating income increase.

#### Devices:

Impact of the strong yen. Firm performance of polysulfonemembrane artificial kidneys and other blood purification products for overseas markets. Sales and operating income decrease.

#### Highlights

- May, investment in NxStage Medical, Inc. through conversion of an outstanding loan into newly issued shares, as part of reinforcement of the strategic alliance.
- October, initiation of global Phase III clinical trial for ART-123 (marketed as Recomodulin<sup>TM</sup> in Japan) for the treatment of severe sepsis with coagulopathy.

# Health Care (i)



#### Sales of Health Care segment

(¥ billion)

		FY 2	2011	FY 2	2012
		H1		H1	forecast
	Domestic pharamaceuticals	27.7	57.1	34.2	70.0
	Others	3.2	5.2	2.3	4.7
	Asahi Kasei Pharma consolidated	30.9	62.3	36.5	74.7
	Devices <sup>1</sup>	29.0	57.2	28.3	58.3
7	otal	60.0	119.5	64.8	133.0

<sup>&</sup>lt;sup>1</sup> Asahi Kasei Medical and its affiliate companies.

#### Main pharmaceuticals domestic sales

	FY 2011		FY 2	2012
	H1		H1	forecast
Teribone <sup>TM</sup>	_	2.2	7.3	17.0
Flivas <sup>TM</sup>	6.9	14.2	7.0	14.0
Elcitonin <sup>TM</sup>	6.7	12.4	5.3	10.4
Recomodulin <sup>TM</sup>	3.4	7.3	4.3	9.3
Bredinin <sup>TM</sup>	3.2	6.4	3.1	5.9

# Health Care (ii)



## Main pharmaceutical products

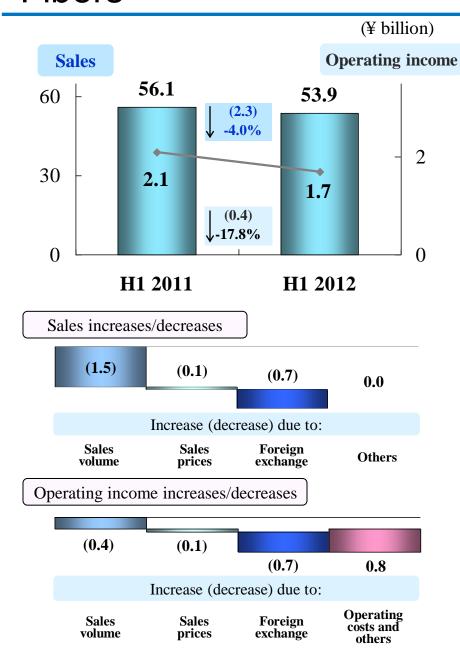
	Generic name	Mechanism/ substance class	Indication	Formulation
Teribone <sup>TM</sup>	Teriparatide acetate	Synthetic human parathyroid hormone (PTH)	Osteoporosis with high risk of fracture	Injection
Flivas™	Naftopidil	Selective α-1 blocker	Benign prostatic hypertrophy	Tablet
Elcitonin™	Elcatonin	Eel calcitonin derivative	Osteoporosis pain	Injection
$Recomodulin^{TM}$	Recombinant thrombomodulin alpha	Anticoagulant	Disseminated intravascular coagulation	Injection
Bredinin™	Mizoribine	Immunosuppressant	Kidney transplantation, lupus nephritis, nephrosis syndrome, rheumatoid arthritis	Tablet

# Health Care (iii)

### Asahi **KASEI**

## Pharmaceutical pipeline

Development stage	Code name, form, generic name	Remarks	Classifications	Indication	Origin
Pending approval	AK-120, oral, famciclovir	Additional indication	Antiviral	Herpes simplex	Licensed
	AK-156, injection, zoledronic acid	New efficacy, new dose; once-yearly administration	Bisphosphonate	Osteoporosis	Licensed
Phase III	AK-160, injection	New biologic	Collagenase clostridium histolyticum	Dupuytren's contracture	Licensed
Phase II	AT-877, oral, fasudil hydrochloride hydrate	Additional indication, new dosage form	Rho-kinase inhibitor	Pulmonary arterial hypertension	In-house
	HC-58, injection, elcatonin	Additional indication	Calcitonin	Shoulder hand syndrome	In-house
Phase III (overseas)	ART-123, injection, recombinant thrombomodulin alpha	New biologic	Recombinant human thrombomodulin	Severe sepsis with coagulopathy	In-house
Phase II (overseas)	AK106	New chemical entity	Anti- inflammatory	Rheumatoid arthritis	In-house



#### Review of operations

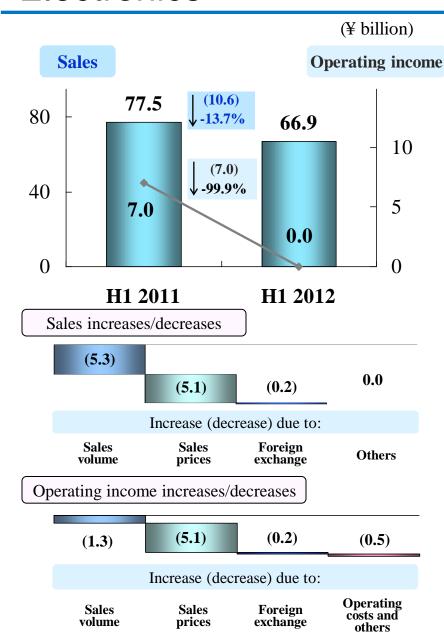
Strong sales of Bemberg<sup>TM</sup> regenerated cellulose in markets for linings and ethnic garments. Good performance of Leona<sup>TM</sup> nylon 66 filament in airbag applications. Impact of decreased exports and the strong yen for Roica<sup>TM</sup> elastic polyurethane filament. Sales and operating income decrease.

#### Highlights

 August, decision to restructure spandex operations, including discontinuation of manufacture and sale of spandex at US subsidiary.

#### **Electronics**





#### Review of operations

#### Electronic devices:

Increased shipments of mixed-signal LSIs for smartphones. Impact of general deterioration in market conditions across the electronics industry in each product category. Sales and operating income decrease.

#### Electronic materials:

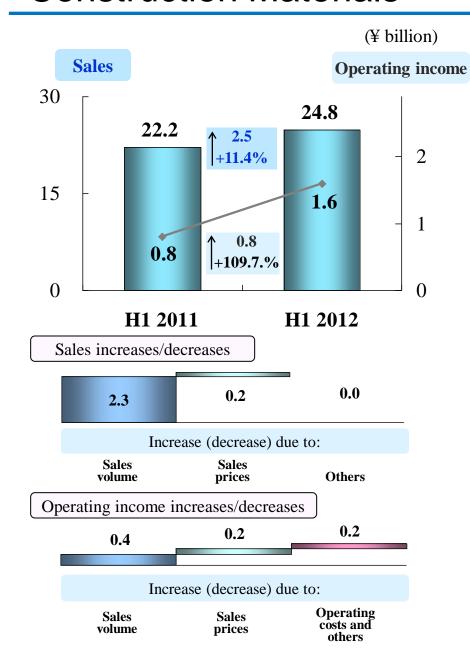
Recovery in shipment volumes of Hipore<sup>TM</sup> Li-ion battery separator continuing from the second half of the previous fiscal year. Good performance of Sunfort<sup>TM</sup> dry film photoresist in tablet PC and smartphone applications. Lower sales prices in each product category. Sales and operating income decrease.

#### Highlights

- May, announcement on construction of a new plant for Sunfort<sup>TM</sup> dry film photoresist in Changshu, Jiangsu, China; start-up in Sep. 2013.
- June, technology to automatically adjust electronic compasses recognized with the Imperial Invention Prize.
- July, launch of a new 3-axis electronic compass with world's smallest-class package size.
- September, start-up of a Hipore<sup>TM</sup> slitting facility in Suzhou, Jiangsu, China.

## **Construction Materials**





#### Review of operations

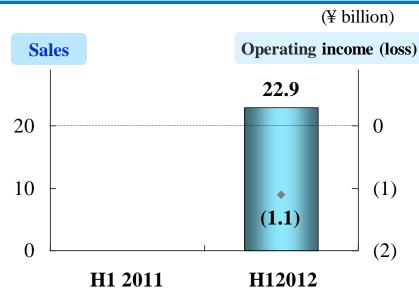
Strong sales of Hebel<sup>TM</sup> autoclaved aerated concrete panels. Good performance in insulation materials such as Neoma<sup>TM</sup> high-performance phenolic foam insulation panels, foundation systems, and structural materials. Sales and operating income increase.

#### Highlights

- August, decision to discontinue manufacture and sale of Sunylite<sup>TM</sup> polyethylene foam insulation panels at end of Mar. 2013.
- August, launch of Jupii<sup>™</sup> 25 phenolic foam floor insulation panels.

#### **Critical Care**





#### Review of operations

Steady increase in shipments of LifeVest<sup>TM</sup> wearable defibrillators. Good performance of defibrillators for professional use and other products. Operating loss resulted as an effect of amortization of goodwill and other intangible assets.

#### **Highlights**

 October, establishment of Asahi Kasei ZOLL Medical Corporation as a Japanese subsidiary of ZOLL Medical Corporation.

#### Financial effect of consolidation<sup>1</sup>

1) Effect on balance sheets (¥ billion, as of Sep. 30, 2012)

Total assets
Goodwill
Other intangible assets
205.3 increase
105.6 increase
60.6 increase

2) Amortization and depreciation in FY2012

	H1	H2	FY 2012
Amortization/depreciation of:	(May-Sep.)	forecast	forecast
Goodwill	2.3	2.7	5.0
Other intangible assets, etc.	3.0	2.8	5.8
Total	5.3	5.6	10.8

<sup>&</sup>lt;sup>1</sup> Consolidation of ZOLL Medical Corporation, etc.

# Primary investments by segment



(¥ billion)

	Capital expenditures		Depreciation and amortization <sup>1</sup>		R&D expenditures				
	FY 2011	H1	FY 2012 forecast	FY 2011	H1	FY 2012 forecast	FY 2011	H1	FY 2012 forecast
Chemicals	39.1	25.4	50.0	29.2	13.9		16.2	7.8	
Homes	6.3	3.8	8.0	4.8	2.5		17.5	1.1	
Health Care	10.7	3.3	10.0	10.9	5.1			10.0	
Fibers	5.7	3.8	11.5	6.4	2.8			1.4	
Electronics	13.4	9.2	17.0	20.9	7.1		19.2	9.1	
Construction Materials	1.6	1.2	1.5	2.4	1.1			0.6	
Critical Care <sup>2</sup>	_	1.8	3.0	_	3.0			1.6	
Others	0.8	0.5	2.0	0.9	0.4		0.2	0.1	
Corporate assets and eliminations	7.6	6.0	12.0	2.9	1.4		7.1	3.5	
Total	85.1	54.9	115.0	78.4	37.4	82.0	66.3	35.1	73.0

Amortization of goodwill<sup>3</sup>

1.2 3.2

<sup>&</sup>lt;sup>1</sup> Amortization of goodwill, which was previously included in depreciation and amortization, is now shown separately below the table.

<sup>&</sup>lt;sup>2</sup> Critical Care is added as a new operating segment in FY 2012, in which results of ZOLL Medical Corp., etc. are reported.

<sup>&</sup>lt;sup>3</sup> Amortization of goodwill related to acquisition of ZOLL Medical Corp., etc. incurred from H1 2012.

# Major investments

#### **AsahiKASEI**

#### Completed in H1 2012

- New power generation facility using wood biomass fuel in Nobeoka, Japan, Jul. 2012.\*
- New plant for Saran Wrap<sup>TM</sup> in Suzuka, Japan, May 2012.\*

#### \* Investment of ¥3 billion or more.

#### Under construction at end of Sep. 2012

- Spunbond new 20,000 ton/y plant in Thailand, Oct. 2012.\*
- Acrylonitrile 245,000 ton/y capacity increase in Korea, Jan. 2013.\*
- Hipore<sup>TM</sup> Li-ion battery separator 50 million m<sup>2</sup>/y capacity increase in Hyuga, Japan, spring 2013.\*
- Solution-SBR new 50,000 ton/y plant in Singapore, May 2013.\*
- Dry film photoresist new 120 million m<sup>2</sup>/y plant in China, Sep. 2013.\*
- Acetonitrile new 11,000 ton/y plant in Korea, Jan. 2014.
- Neoma<sup>TM</sup> high performance phenolic form insulation panel capacity increase by 80% in Sakai, Japan, Apr. 2014.\*

# Statements of comprehensive income



	H1 2011	H1 2012	Increase (decrease)
a: Income before minority interests	39.1	21.0	(18.0)
Net increase or decrease in unrealized gain on other securities	1.4	(4.3)	(5.6)
Deferred gains or losses on hedges	0.3	1.6	1.2
Foreign currency translation adjustment	0.5	(14.8)	(15.2)
Share of other comprehensive income of affiliates accounted for using equity method	(0.5)	(1.4)	(1.0)
b: Other comprehensive income	1.7	(18.9)	(20.6)
Comprehensive income [a+b]	40.8	2.1	(38.6)
Comprehensive income attributable to owners of the parent Comprehensive income attributable to minority interests	40.2 0.6	2.0 0.2	(38.2) (0.4)

### – Disclaimer –

The forecasts and estimates shown in this document are dependent on a variety of assumptions and economic conditions. Plans and figures depicting the future do not imply a guarantee of actual outcomes.