Huons (243070 KS)

Continuing stable growth

Not Rated

CP (Jun. 11)

KRW58,000

 KiDal Bae
 ☎
 (82-2) 3772-1554

 ⊠
 kdbae@shinhan.com

KOSPI		2,111.81p
KOSDAQ		728.79p
Market cap	KRW521.1bn/U	SD457.1mn
Par value		KRW500
Outstanding shares		9.0mn
Free float	4.9	mn(54.9%)
52-week high/low	KRW97,356/	KRW54,600
60-day avg. trading vol	ume	34,474shrs
60-day avg. turnover	KF	W2,190mn
Foreign ownership		14.34%
Major shareholders		
Huons Globa	al and 6 others	45.02%
Absolute performance	3M	-20.4%
	6M	-13.4%
	12M	-33.6%
Relative performance	3M	-17.6%
to KOSDAQ	6M	-16.7%
	12M	-19.5%

- Strength in diversified business portfolio (drugs, beauty/healthcare, etc.)
- 2020 operating profit forecast at KRW53.8bn (+15.2% YoY)
- Undemanding share valuations after recent correction

Strength in diversified business portfolio (drugs, beauty/healthcare, etc.)

Huons was spun off from Huons Global (holding company) in May 2016. It has a diversified business portfolio with drugs making up 56% of sales, beauty/ healthcare 23%, and CMO 13% (based on 2019 forecast). The company has seen continued growth in the drug market. Based on outpatient prescription sales, its domestic market rank rose from 41st in 2014 to 30th in 2016 and 25th in 2018.

Huons has started exporting its botulinum toxin product, Hutox, in 2016 and is preparing for the domestic launch of Liztox this year. Botulinum toxin sales were sluggish in 2018 due to weak China-bound exports, but should recover gradually from 2H19. We forecast KRW17.5bn (+44.6% YoY) for 2020 and KRW21bn (+20% YoY) for 2021.

2020 operating profit forecast at KRW53.8bn (+15.2% YoY)

In 2019, the company is expected to post sales of KRW353.8bn (+7.7% YoY) and operating profit of KRW46.7bn (+3.1% YoY). Earnings growth will not be significant due to the transfer of dermal filler and other medical aesthetic business units (2018 sales of about KRW20bn) to an affiliate. In 2020, sales will likely regain momentum and grow 10.6% YoY to KRW391.4bn. Profitability should also improve with operating profit of KRW53.8bn (+15.2% YoY) and operating margin of 13.7% (+0.5%p YoY).

Undemanding share valuations after recent correction

Huons shares have declined roughly 20% YTD, owing to: 1) weak share performance of botulinum toxin companies like Medy-Tox; and 2) forecast for slower-than-expected earnings growth in 2019 with the transfer of medical aesthetic business. The stock is currently undemanding at a PER of 14.1x, vs. average 14.4x of mid-tier peers. Both earnings and the share price may receive a boost if Liztox takes off in the domestic market faster than expected.

वि सी की

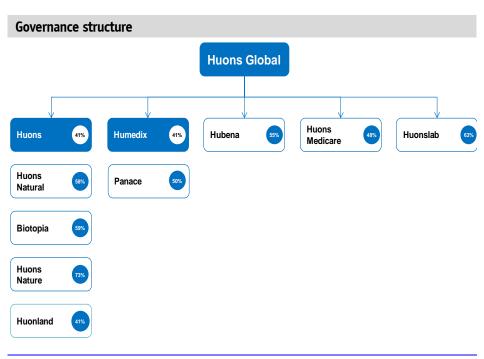
9

(-)

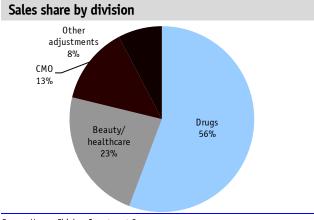
Year to	Sales	OP	Pre-tax	NP	EPS	Growth	BPS	PER	EV/EBITDA	PBR	ROE	Net debt
December	(bn KRW)	(bn KRW)	(bn KRW)	(bn KRW)	(KRW)	(%)	(KRW)	(x)	(x)	(x)	(%)	ratio (%)
2017	284.8	36.2	44.8	35.1	3,904	51.8	13,657	17.4	13.2	5.0	32.4	(6.9)
2018	328.6	45.3	56.0	45.2	5,035	29.0	18,174	14.2	11.2	3.9	31.6	(5.0)
2019F	353.8	46.7	46.1	36.9	4,111	(18.4)	21,531	14.1	9.3	2.7	20.7	(12.8)
2020F	391.4	53.8	53.1	42.5	4,736	15.2	25,417	12.2	7.9	2.3	20.2	(18.1)
2021F	428.0	59.5	58.9	47.2	5,252	10.9	29,771	11.0	6.9	1.9	19.0	(22.7)

Source: Company data, Shinhan Investment Corp. / Note: TB = turn black, TR = turn red, RR = remain red

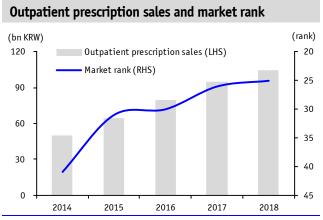
Shinhan Investment Corp. does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision. Analysts employed by Shinhan Investment Corp., or a non-US affiliate thereof, are not registered/qualified as research analysts with FINRA, may not be associated persons of the member and may not be subject to FINRA restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account. For analyst certification and important disclosures, refer to the Compliance & Disclosure Notice at the end of this report.



Source: Huons, Shinhan Investment Corp.



Source: Huons, Shinhan Investment Corp.



Source: UBIST, Shinhan Investment Corp.

Outpatient p	rescription sales o	of majo	or pro	ducts													
(bn KRW)	Indication	2016	2017	2018	1Q16	2Q16	3Q16	4Q16	1Q17	2Q17	3Q17	4Q17	1Q18	2Q18	3Q18	4Q18	1Q19
Kynex	Medicated eye drop	14.2	11.8	8.9	3.8	3.6	3.5	3.3	3.3	3.1	2.9	2.5	2.6	2.5	2.2	1.6	2.5
Esuba	High cholesterol	0.5	5.0	6.6	0.0	0.0	0.1	0.3	0.9	1.2	1.5	1.4	1.6	1.6	1.6	1.8	1.9
Elbus	Peptic ulcer	3.9	4.7	4.9	0.7	1.0	1.1	1.2	1.1	1.2	1.2	1.1	1.1	1.2	1.2	1.4	1.3
Valsarex	Hypertension	3.4	4.1	4.6	0.6	0.9	1.0	0.9	0.9	0.9	1.1	1.1	1.2	1.2	1.2	1.1	1.1
Huons Atorvastatin	High cholesterol	2.8	3.7	3.9	0.6	0.6	0.8	0.8	0.8	0.9	1.0	1.0	0.9	1.0	1.0	1.0	1.0
Roston	High cholesterol	1.9	2.6	3.8	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.9	1.0	1.0	0.9	1.0
Rabesto	Peptic ulcer	1.9	2.9	3.6	0.4	0.4	0.5	0.5	0.7	0.6	0.8	0.8	0.8	0.8	0.9	1.0	1.0
Clithro	Antibiotics	1.1	2.1	3.2	0.3	0.3	0.2	0.3	0.5	0.5	0.4	0.8	0.9	0.8	0.5	1.0	1.0
Hurophen	Gastrointestinal disorder	2.2	2.2	2.4	0.5	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6
Huons Karos	Hyperkalemia	2.1	2.3	2.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6

Source: UBIST, Shinhan Investment Corp.

Earnings trend and outlook

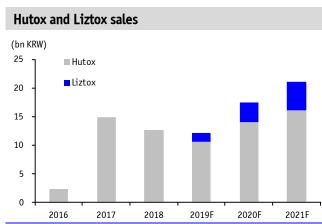
Earnings trend a															
(bn KRW, %)	1Q18	2018	3Q18	4Q18	1Q19	2Q19F	3Q19F	4Q19F	1Q20F	2Q20F	3Q20F	4Q20F	2018	2019F	2020F
Sales	74.0	80.1	86.3	88.2	82.6	88.0	90.1	93.1	91.7	97.3	99.6	102.8	328.6	353.8	391.4
Drugs	39.1	41.8	43.6	47.0	46.2	48.3	49.8	52.8	51.2	53.2	55.0	58.1	171.5	197.1	217.5
Circulatory	7.9	8.3	9.1	8.6	9.5	9.8	10.5	10.0	10.7	11.0	11.7	11.2	34.0	39.8	44.6
Digestive	5.1	5.4	5.4	6.1	6.2	6.3	6.4	6.6	6.7	6.8	6.9	7.1	22.0	25.5	27.5
Anesthetic	5.0	5.1	4.5	6.7	5.6	5.8	5.2	7.5	6.2	6.4	5.8	8.2	21.4	24.1	26.6
Metabolic	3.5	4.6	4.2	4.4	5.1	5.5	5.3	5.6	5.8	6.2	6.0	6.3	16.7	21.5	24.3
Antibiotic	5.1	4.2	4.1	5.2	4.8	4.4	4.3	5.5	4.9	4.5	4.4	5.7	18.7	19.0	19.5
Antipyretic/analgesic/ anti-inflammatory	3.1	3.3	4.2	4.8	4.0	4.2	4.6	5.2	4.6	4.8	5.2	5.8	15.4	18.0	20.4
Others	9.3	10.8	12.2	11.1	11.0	12.3	13.5	12.4	12.3	13.5	15.0	13.8	43.4	49.2	54.6
Beauty/healthcare	24.4	25.5	25.5	23.4	19.7	20.6	20.6	20.6	21.8	23.0	22.9	23.0	98.9	81.5	90.7
Health products	17.1	16.9	16.4	15.3	16.4	17.0	16.5	16.0	16.8	17.5	17.0	16.5	65.6	65.9	67.8
Aesthetic products	7.3	8.6	9.1	7.9	2.6	2.8	3.2	3.5	3.8	4.2	4.5	5.0	33.0	12.1	17.5
Medical devices				0.2	0.7	0.8	0.9	1.1	1.2	1.3	1.4	1.5	0.2	3.5	5.4
СМО	9.0	11.1	11.6	11.4	10.1	12.3	12.8	12.6	11.4	13.6	14.1	13.9	43.0	47.8	53.0
Other adjustments	1.5	1.7	5.6	6.4	6.6	6.8	6.9	7.1	7.3	7.5	7.6	7.8	15.2	27.4	30.2
OP	11.4	12.5	13.4	8.0	12.0	13.6	12.6	8.6	13.8	15.4	14.4	10.2	45.3	46.7	53.8
Pre-tax profit	11.4	13.6	16.3	14.6	11.9	13.6	12.3	8.3	13.5	15.4	14.2	9.9	56.0	46.1	53.1
NP	8.5	10.5	13.2	12.4	9.4	10.6	10.0	6.4	10.5	11.9	11.2	8.3	45.2	36.9	42.5
Growth (YoY)															
Sales	13.6	11.1	15.8	20.7	11.6	9.8	4.4	5.6	11.0	10.6	10.5	10.4	15.4	7.7	10.6
Drugs	12.9	20.9	12.2	24.2	18.1	15.5	14.3	12.3	10.7	10.1	10.4	10.0	17.5	14.9	10.3
Circulatory	27.3	24.9	17.0	17.7	20.4	18.4	15.1	16.1	12.1	12.2	11.4	12.0	21.4	17.4	11.9
Digestive	11.7	4.8	0.3	18.2	21.5	16.8	19.3	7.8	7.6	7.9	7.8	7.6	8.6	16.0	7.7
Anesthetic	15.1	39.1	(7.9)	61.0	10.0	12.7	15.2	11.3	11.7	10.3	11.5	9.3	24.9	12.1	10.6
Metabolic	16.8	13.8	20.5	29.1	45.4	19.1	27.7	28.4	13.1	12.7	13.2	12.5	19.8	29.2	12.9
Antibiotic	31.1	4.1	2.5	10.0	(7.1)	3.6	5.9	5.7	2.6	2.3	2.3	3.6	11.7	1.7	2.8
Antipyretic/analgesic/ anti-inflammatory	13.6	14.2	28.8	53.9	29.8	27.4	10.4	7.6	15.1	14.3	13.0	11.5	28.4	17.1	13.3
Others	(5.4)	33.9	20.4	12.4	18.6	13.7	10.7	11.4	11.7	9.8	11.1	11.3	14.5	13.3	10.9
Beauty/healthcare	14.6	(2.0)	(1.3)	(3.7)	(19.5)	(19.3)	(19.3)	(11.9)	10.9	11.7	11.2	11.7	1.4	(17.6)	11.3
Health products	8.5	1.7	(6.5)	(1.6)	(4.0)	0.6	0.7	4.9	2.4	2.9	3.0	3.1	0.4	0.4	2.9
Aesthetic products	32.0	(8.5)	9.8	(9.8)	(64.6)	(67.5)	(64.9)	(55.9)	45.9	50.0	40.6	42.9	2.9	(63.3)	44.6
Medical devices								444.6	84.0	62.5	55.6	36.4		1,608.9	56.4
СМО	9.6	8.4	48.7	35.2	13.2	10.8	10.7	10.7	12.5	10.6	10.2	10.3	24.3	11.2	10.8
Other adjustments	46.4	37.2	174.8	154.1	336.3	299.0	23.0	11.2	11.0	10.3	10.1	9.9	122.8	80.1	10.3
OP	59.5	42.7	17.2	(10.3)	5.8	8.6	(6.4)	7.7	14.2	13.8	14.5	18.8	24.9	3.1	15.2
Pre-tax profit	(10.9)	59.0	30.4	33.9	3.9	0.3	(24.6)	(43.0)	14.0	12.7	15.7	18.8	24.9	(17.5)	14.9
NP	(11.1)	57.4	41.5	34.8	10.6	1.5	(24.4)	(48.3)	11.8	11.6	12.4	29.2	28.3	(18.4)	15.2
OPM	15.4	15.6	15.6	9.0	14.6	15.4	13.9	9.2	15.0	15.8	14.4	9.9	13.8	13.2	13.7
NPM	11.5	13.1	15.4	14.0	11.4	12.1	11.1	6.9	11.5	12.2	11.3	8.0	13.6	10.3	10.7

Source: Company data, Shinhan Investment Corp.

Sales and operating profit margin



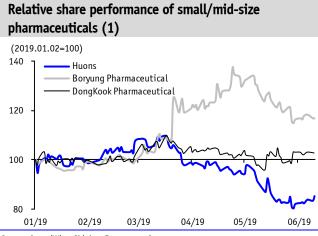
Source: Company data, Shinhan Investment Corp.



Source: Company data, Shinhan Investment Corp.

Company	Market			2019F						2020F			
	сар	PER	PBR	EV/EBITDA	ROE	OPM	NPM	PER	PBR	EV/EBITDA	ROE	OPM	NPM
	(bn KRW)	(x)	(x)	(x)	(%)	(%)	(%)	(x)	(x)	(x)	(%)	(%)	(%)
Hanmi Pharm	4,778.4	140.8	6.5	42.4	5.1	6.6	3.8	117.9	6.3	38.7	5.6	7.0	4.1
Yuhan	3,175.1	38.1	1.7	24.0	5.2	3.9	5.5	35.2	1.7	23.2	5.4	4.2	5.6
Daewoong Pharmaceutical	1,824.9	50.7	2.9	-	5.6	5.6	3.2	29.9	2.6	-	10.3	7.5	5.5
Green Cross	1,443.3	34.0	1.3	16.2	3.9	4.1	3.2	28.4	1.3	14.0	4.6	5.0	3.7
Chong Kun Dang Pharmaceutical	962.4	18.8	2.0	10.0	11.4	7.4	5.0	16.8	1.9	9.0	11.6	7.6	5.3
Dong-A ST	852.8	21.2	1.4	11.2	6.7	8.1	6.9	24.4	1.3	11.3	5.5	7.2	5.7
Huons	521.1	14.1	2.7	9.3	20.7	13.2	10.3	12.2	2.3	7.9	20.2	13.7	10.7
Boryung Pharmaceutical	519.4	16.3	1.8	11.4	11.8	6.4	6.3	14.9	1.6	9.9	11.6	7.0	6.3
DongKook Pharmaceutical	517.5	10.9	1.4	6.3	13.9	13.5	10.9	10.5	1.3	5.4	12.7	13.2	10.3
Ildong Pharmaceutical	452.3	21.2	1.6	10.2	7.5	5.3	3.8	19.6	1.5	9.6	7.8	5.3	3.9
Korea United Pharm	389.0	11.5	1.4	6.9	14.0	18.1	14.9	10.5	1.2	5.9	13.6	18.7	15.2
Whanin Pharm	346.0	15.1	1.0	7.5	8.5	17.3	14.1	14.6	1.0	6.8	8.3	16.9	13.8
Daewon Pharmaceutical	315.6	11.5	1.5	6.7	14.0	11.0	8.6	10.6	1.4	5.7	13.6	11.0	8.5

Source: QuantiWise, Shinhan Investment Corp.

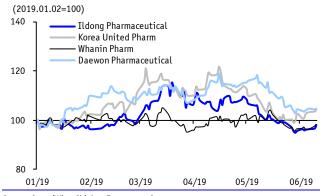


Source: QuantiWise, Shinhan Investment Corp.

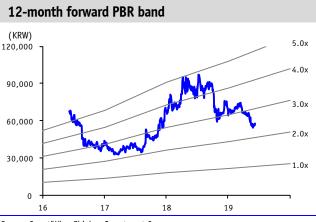




Relative share performance of small/mid-size pharmaceuticals (2)



Source: QuantiWise, Shinhan Investment Corp.



Source: QuantiWise, Shinhan Investment Corp.

Statement of financial position

Year to December (bn KRW)	2017	2018	2019F	2020F	2021F				
Total assets	216.0	251.4	278.4	318.2	361.9				
Current assets	152.2	171.9	192.2	223.5	257.1				
Cash and equivalents	39.4	26.0	35.1	49.6	66.9				
Accounts receivable	66.8	83.0	89.3	98.8	108.1				
Inventories	35.2	42.0	45.3	50.1	54.8				
Non-current assets	63.8	79.5	86.1	94.7	104.9				
Tangible assets	51.3	62.9	69.1	76.9	86.3				
Intangible assets	2.1	1.3	1.4	1.5	1.7				
Investment assets	5.7	10.4	10.8	11.4	12.0				
Other financial assets	0.0	0.0	0.0	0.0	0.0				
Total liabilities	91.7	83.7	81.0	86.5	91.9				
Current liabilities	78.6	76.1	73.4	78.9	84.1				
Short-term borrowings	23.2	13.0	13.0	12.0	11.0				
Accounts payable	18.5	15.9	17.1	18.9	20.7				
Current portion of long-term debt	0.8	7.0	0.0	0.0	0.0				
Non-current liabilities	13.1	7.6	7.6	7.7	7.7				
Bonds	0.0	0.0	0.0	0.0	0.0				
Long-term borrowings	12.3	6.9	6.9	6.9	6.9				
Other financial liabilities	0.0	0.0	0.0	0.0	0.0				
Total shareholders' equity	124.3	167.7	197.3	231.6	270.1				
Capital stock	3.1	4.1	4.5	4.5	4.5				
Capital surplus	74.9	73.6	73.6	73.6	73.6				
Other capital	(2.8)	(3.1)	(3.1)	(3.1)	(3.1)				
Accumulated other comprehensive income	1.0	0.9	0.9	0.9	0.9				
Retained earnings	46.6	87.7	117.4	152.4	191.5				
Controlling interest equity	122.7	163.3	193.4	228.3	267.5				
Non-controlling interest equity	1.6	4.4	3.9	3.3	2.6				
*Total debt	38.9	29.4	22.6	21.9	21.2				
*Net debt (cash)	(8.6)	(8.4)	(25.3)	(41.9)	(61.3)				

Statement of cash flow

Year to December (bn KRW)	2017	2018	2019F	2020F	2021F
Cash flow from operations	30.2	20.9	37.2	40.5	45.8
Net profit	34.8	44.6	36.4	41.9	46.5
Depreciation expense	5.1	6.3	6.8	7.2	7.6
Amortization expense	0.1	0.2	0.2	0.3	0.3
FX translation loss (gain)	0.0	0.0	(0.2)	0.0	0.0
Asset disposal loss (gain)	0.0	0.2	0.0	0.0	0.0
Equity method loss (gain)	1.3	0.8	0.7	0.7	0.7
Change in working capital	(10.9)	(28.0)	(6.8)	(9.6)	(9.3)
(Payment of income tax)	(8.1)	(9.7)	(9.7)	(11.1)	(12.4)
Others	7.9	6.5	9.8	11.1	12.4
Cash flow from investments	(11.7)	(25.5)	(15.2)	(18.1)	(20.1)
Increase in tangible assets	(8.5)	(10.3)	(13.0)	(15.0)	(17.0)
Decrease in tangible assets	0.0	0.1	0.0	0.0	0.0
Change in intangible assets	0.2	0.8	(0.3)	(0.4)	(0.5)
Change in investment assets	(2.8)	0.0	(1.1)	(1.3)	(1.3)
Others	(0.6)	(16.1)	(0.8)	(1.4)	(1.3)
Free cash flow	24.2	4.4	24.4	25.2	28.5
Cash flow from financing	5.1	(9.1)	(12.9)	(7.9)	(8.3)
Change in borrowings	(1.7)	(10.8)	(6.8)	(0.7)	(0.7)
Change in treasury stock	0.1	0.4	0.0	0.0	0.0
Dividends	0.0	(3.7)	(6.5)	(7.2)	(7.6)
Others	6.7	5.0	0.4	0.0	(0.0)
Other cash flow	0.0	0.0	0.0	0.0	0.0
Change in consolidated scope	0.0	0.0	0.0	0.0	0.0
Change in FX rates	(0.1)	0.2	0.0	0.0	0.0
Change in total cash	23.5	(13.5)	9.1	14.6	17.3
Beginning cash	16.0	39.4	26.0	35.1	49.6
Ending cash	39.4	26.0	35.1	49.6	67.0

Source: Company data, Shinhan Investment Corp.

Statement of comprehensive income

Year to December (bn KRW)	2017	2018	2019F	2020F	2021F
Sales	284.8	328.6	353.8	391.4	428.0
Growth (%)	68.6	15.4	7.7	10.6	9.4
COGS	129.0	147.0	158.4	175.1	191.0
Gross profit	155.9	181.6	195.4	216.3	237.0
GPM (%)	54.7	55.3	55.2	55.3	55.4
SG&A	119.6	136.3	148.7	162.5	177.5
Operating profit	36.2	45.3	46.7	53.8	59.5
Growth (%)	68.2	24.9	3.1	15.2	10.7
OPM (%)	12.7	13.8	13.2	13.7	13.9
Non-operating profit	8.6	10.7	(0.6)	(0.7)	(0.6)
Financial profit	1.7	2.0	(0.6)	(0.5)	(0.4)
Other non-operating profit	8.1	9.5	0.8	0.5	0.4
Equity method gain (loss)	(1.3)	(0.8)	(0.7)	(0.7)	(0.7)
Pre-tax profit	44.8	56.0	46.1	53.1	58.9
Income tax	10.0	11.4	9.7	11.1	12.4
Continuing operations	34.8	44.6	36.4	41.9	46.5
Discontinued operations	0.0	0.0	0.0	0.0	0.0
Net profit	34.8	44.6	36.4	41.9	46.5
Growth (%)	134.6	28.3	(18.4)	15.2	10.9
NPM (%)	12.2	13.6	10.3	10.7	10.9
Controlling interest	35.1	45.2	36.9	42.5	47.2
Non-controlling interest	(0.3)	(0.6)	(0.5)	(0.6)	(0.7)
Comprehensive income	34.5	44.6	36.4	41.9	46.5
Controlling interest	34.8	45.2	36.9	42.5	47.2
Non-controlling interest	(0.3)	(0.6)	(0.5)	(0.6)	(0.7)
EBITDA	41.5	51.7	53.7	61.2	67.4
Growth (%)	61.3	24.6	3.9	14.0	10.1
EBITDA margin (%)	14.6	15.7	15.2	15.6	15.7

Key ratios

Year to December	2017	2018	2019F	2020F	2021F
EPS (KRW)	3,869	4,964	4,053	4,669	5,178
EPS of controlling interest (KRW)	3,904	5,035	4,111	4,736	5,252
BPS (KRW)	13,835	18,665	21,964	25,784	30,063
BPS of controlling interest (KRW)	13,657	18,174	21,531	25,417	29,771
DPS (KRW)	413	727	800	850	900
PER (x)	17.6	14.4	14.3	12.4	11.2
PER of controlling interest (x)	17.4	14.2	14.1	12.2	11.0
PBR (x)	4.9	3.8	2.6	2.2	1.9
PBR of controlling interest (x)	5.0	3.9	2.7	2.3	1.9
EV/EBITDA (x)	13.2	11.2	9.3	7.9	6.9
Dividend payout ratio (%)	11.5	15.3	19.4	17.9	17.1
Dividend yield (%)	0.6	1.0	1.4	1.5	1.6
Profitability					
EBITDA margin (%)	14.6	15.7	15.2	15.6	15.7
OPM (%)	12.7	13.8	13.2	13.7	13.9
NPM (%)	12.2	13.6	10.3	10.7	10.9
ROA (%)	17.6	19.1	13.7	14.1	13.7
ROE (%)	32.4	31.6	20.7	20.2	19.0
ROIC (%)	24.6	27.9	23.7	24.9	24.9
Stability					
Debt to equity ratio (%)	73.8	49.9	41.1	37.4	34.0
Net debt ratio (%)	(6.9)	(5.0)	(12.8)	(18.1)	(22.7)
Cash ratio (%)	50.1	34.1	47.8	62.9	79.6
Interest coverage ratio (x)	33.4	47.2	42.7	51.4	58.8
Activity (%)					
Working capital turnover (times)	5.0	4.6	4.0	4.1	4.0
Inventory turnover (days)	41.9	42.9	45.0	44.5	44.7
Receivable turnover (days)	83.9	83.2	88.9	87.7	88.2

Source: Company data, Shinhan Investment Corp.

Huons (243070 KS)



Rating Distribu	tion - SHIC	Universe (as of 11 Ju					
BUY (BUY)	96.70%	Trading BUY (HOLD)	0.94%	HOLD (HOLD)	2.36%	SELL (SELL)	0%

Rating Distribution - SHIC Investment Banking Clients (as of 11 June 2019)									
BUY (BUY)	90.48%	Trading BUY (HOLD)	4.76%	HOLD (HOLD)	4.76%	SELL (SELL)	0%		

SHIC Ratings (as of 1 April 2017)						
Stock	Sector					
 BUY: Expected 6-month gain of 10% or more Trading BUY: Expected 6-month gain of 10% to loss of 10% HOLD: Expected 6-month loss of 10% to 20% SELL: Expected 6-month loss of 20% or more 	 OVERWEIGHT: Based on market cap, largest share of sector stocks under coverage is rated BUY NEUTRAL: Based on market cap, largest share of sector stocks under coverage is rated Trading BUY or HOLD UNDERWEIGHT: Based on market cap, largest share of sector stocks under coverage is rated SELL 					

Compliance & Disclosure Notice

Analyst Certification

The following analysts hereby certify that their views about the companies and securities discussed in this report are accurately expressed and that they have not received and will not receive direct or indirect compensation in exchange for expressing specific recommendations or views in this report: KiDal Bae

Important Disclosures & Disclaimers

- As of the date of publication, Shinhan Investment Corp. does not beneficially own 1% or more of any class of common equity securities of the following companies mentioned in this report: Huons
- Shinhan Investment Corp. or one of its affiliates has not managed or co-managed a public offering of securities for the companies mentioned in this report in the past 12 months.
- During the last 12 months, the companies mentioned in this report were not an investment banking client of Shinhan Investment Corp. and/or one or more of its affiliates.
- Shinhan Investment Corp. or one of its affiliates has not received compensation for investment banking services from such companies in the past 12 months.
- Shinhan Investment Corp. or one of its affiliates does not expect to receive or intends to seek compensation for investment banking services from such companies or one of their affiliates in the next three months.
- Shinhan Investment Corp. or one of its affiliates, and/or their respective officers, directors or employees may have interests, or long or short positions, and may at any time make purchases or sales as a principal or agent of the securities of the companies mentioned in this report.
- As of the date of publication, research analysts responsible for this report and members of their households do not have any financial interest in the debt or equity securities of the companies mentioned in this report.
- Research analysts responsible for this report receive compensation based upon, among other factors, the overall profitability of Shinhan Investment Corp., including profits derived from investment banking. The analysts responsible for this report may also receive compensation based upon, among other factors, the overall profitability of sales and trading businesses relating to the class of securities or financial instruments for which such analysts are responsible.
- All opinions and estimates regarding the companies and their securities are accurate representations of the research analysts' judgments, and may differ from actual results.
- This report is intended to provide information to assist investment decisions only, and should not be used or construed as an offer or a solicitation of an offer to buy or sell any securities. The information herein has been obtained from sources deemed reliable, but such information has not been independently verified and no guarantee, representation or warranty, expressed or implied, is made as to its accuracy, completeness or correctness. Shinhan Investment Corp. makes a best effort but does not guarantee the accuracy, completeness or correctness of information and opinions translated into English from original Korean language materials. Shinhan Investment Corp. accepts no liability whatsoever for any direct, indirect and/or consequential loss arising from any use of this material or its contents. Stock selection and final investment decisions should be made at the investor's own and sole discretion.
- This report is distributed to our customers only, and any unauthorized use, duplication, or redistribution of this report is strictly prohibited.
- Investing in any Korean securities or related financial instruments discussed in this research report may present certain risks. The securities of Korean issuers may not be registered with, or be subject to the regulations of, the US Securities and Exchange Commission. Information on Korean securities or related financial instruments may be limited. Foreign companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in effect within the US. The value of any investment or income from any securities or related financial instruments discussed in this research report denominated in currencies other than the Korean won is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related financial instruments.

Distribution

- United States: This report is distributed in the US by Shinhan Investment America, Inc., a member of FINRA/SIPC, and is only intended for major US institutional investors as defined in Rule 15a-6(a)(2) of the US Securities Exchange Act of 1934. All US persons that receive this document by their acceptance thereof represent and warrant that they are major US institutional investors and have not received this report under any express or implied understanding that they will direct commission income to Shinhan Investment Corp. or its affiliates. Pursuant to Rule 15a-6(a)(3), any US recipient of this document wishing to effect a transaction in any securities discussed herein should contact and place orders with Shinhan Investment America, Inc., which accepts responsibility for the contents of this report in the US. The securities described herein may not have been registered under the US securities Act of 1933, as amended, and, in such case, may not be offered or sold in the US or to US persons unless they have been registered or are in compliance with an exemption from registration requirements.
- All Other Jurisdictions: Customers in all other countries who wish to effect a transaction in any securities referenced in this report should contact Shinhan Investment Corp. or its affiliates only if distribution to or use by such customer of this report would not violate applicable laws and regulations and not subject Shinhan Investment Corp. and its affiliates to any registration or licensing requirement within such jurisdiction.

Shinhan Investment Corp. policies regarding conflicts of interest are available at: http://file.shinhaninvest.com/filedoc/clause/conflictofinterest.pdf

Huons