## **BSC**

## Thu, August 18, 2022

## **Vietnam Daily Review**

### The third Doji candle

#### BSC's Forecast on the stock market

	Negative	Neutral	Positive
Day 19/8/2022		•	
Week 15/8-19/8/2022		•	
Month 8/2022		•	

#### Market outlook

Stock market: Another Doji candle appeared in today's session. The market struggled at 1,275 before suddenly falling to the 1,270 area in the late morning, then jumped back to 1,280 in the afternoon session before closing at 1,273.66, almost unchanged from yesterday. Market breadth tilted to the negative side. Owing to some large-cap stocks' support, VN-Index did not decline significantly. Regarding the transactions of foreign investors, today they were net buyers on both HSX and HNX. VN-Index may still struggle in the short term when it meets MA100, but if it surpasses this line, it will be able to conquer 1,285.

Future contracts: Futures contracts simultaneously decreased in line with the movement of VN30. Investors should be cautious in trading in the next session.

Covered warrants: In the trading session on August 18, 2022, the market struggled in the direction of the decrease of the underlying stock.

#### Highlights:

- VN-Index -1.62 points, closing at 1273.66. HNX-Index -1.4 points, closing at 301.19.
- Pulling the index up: SAB (+0.83), VIC (+0.78), GAS (+0.63), VNM (+0.42), MSN (+0.25).
- Pulling the index down: NVL (-0.63), BID (-0.5), CTG (-0.42), BCM (-0.33), VHM (-0.22)
- The matched value of VN-Index reached VND 14,081 billion, decreased -9.05% compared to the previous session. The total transaction value reached VND 15,352 billion.
- The trading range is 14.51 points. The market had 132 advancers, 81 reference stocks, 311 decliners.
- Foreign investors' net buying value: VND 120.56 billion on HOSE, including VNM (115.89 billion), SSI (88.16 billion), HDB (69.01 billion). Foreign investors were net buyers on HNX with the value of VND 14.18

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VN-INDEX 1273.66 Value: 14081.13 bil -1.62 (-0.13%)

Foreigners (net): 120.56 bil

HNX-INDEX 301.19 Value: 1386.2 bil -1.4 (-0.46%)

Foreigners (net): 14.18 bil

UPCOM-INDEX 92.85

Value: 0.52 bil -0.22 (-0.24%)

Foreigners (net): -22.73 bil

#### Macro indicators

	Value	% Chg
Oil price	89.4	1.44%
Gold price	1,766	0.24%
USD/VND	23,400	0.00%
EUR/VND	44,791	0.00%
JPY/VND	17,294	0.00%
Interbank 1M interest	3.5%	0.43%
5Y VN treasury Yield	3.1%	0.00%

Source: Bloomberg, BSC Research

#### Top Foreign trading stocks (Bil. VND)

Top buy	Value	Top sell	Value
VNM	115.9	VHM	-102.7
SSI	88.2	DGC	-49.1
HDB	69.0	KBC	-44.1
VND	53.1	VJC	-40.7
STB	47.1	HPG	-27.1

Source: BSC Research

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## **Technical Analysis**

PTB\_Recovery signal

### Technical highlights:

- Current Trend: Recovery
- MACD trend indicator: MACD is above the signal line.
- RSI indicator: uptrend.

**Outlook:** PTB had a slight correction session after a good gaining session with Marubozu pattern of the previous day, stock liquidity remained above the 20-day average. The MACD and the RSI are showing a positive trend. The stock price is above MA20 and MA50, but the MA20 line is below the MA50 line but tends to cut above. Mid term investors can open a position at 67.8, take profit at 77.0 and cut their loss if the stock falls below 64.0.



Source: BSC, PTKT Itrade

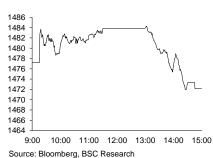
Table 1

#### Noticable sectors

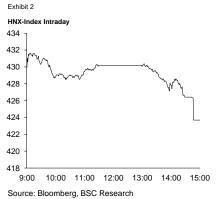
Sectors	±%
Food and drink	3.65%
Financial services	3.51%
Retail	3.37%
Information Technology	3.00%
Communication	2.76%
Raw material	2.37%
Construction and Materials	1.94%
Real Estate	1.52%
Bank	1.44%
Cars and spare parts	1.29%
Petroleum	1.10%
Industrial Goods & Services	0.61%
Health	0.35%
Chemical	0.30%
Electricity, water & petroleum	0.25%
Personal & Consumer Goods	-0.23%
Insurance	-0.24%
Telecommunication	-0.67%
Travel and Entertainment	-1.41%

Exhibit 1

#### HSX-Index Intraday



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Technical analysi

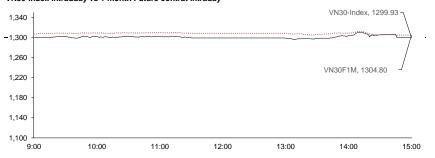
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8/18/2022

Vietnam Daily Review

#### **Future contracts market**

Chart 3 VN30-Index Intradday vs 1 month Future contrat Intraday



Source: Bloomberg, BSC Research

Table 3 Future contracts

Ticker	Close	± Daily	± Basis	% Volume	Trading volume	Time to expiration	Remaining days
VN30F2208	1304.80	-0.32%	4.87	-13.7%	161,249	8/18/2022	0
VN30F2209	1290.50	-0.58%	-9.43	138.9%	31,932	9/15/2022	28
VN30F2212	1278.90	-0.37%	-21.03	61.8%	55	12/15/2022	119
VN30F2203	1271.70	-0.26%	-28.23	57.7%	82	3/16/2023	210

Source: Bloomberg, BSC Research

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Table 2 Top leaders VN30

Ticker	Price	± Daily (%)	Index pt
VIC	68.10	1.19	0.79
VNM	73.40	1.10	0.69
ACB	25.15	0.80	0.59
SSI	25.10	2.24	0.59
MSN	112.00	0.63	0.46

Source: Bloomberg, BSC Research

Table 3 Top Laggards VN30

Ticker	Price	± Daily (%)	Index pt
NVL	83.1	-1.54	-1.05
MWG	64.5	-0.77	-0.53
HPG	24.2	-0.62	-0.50
TCB	39.1	-0.51	-0.47
STB	25.2	-0.79	-0.39

Source: Bloomberg, BSC Research

#### Outlook:

• VN30 dropped -0.47 points to 1299.93 points, fluctuating range of 16.19 points. Stocks like NVL, MWG, HPG, TCB, and STB had a negative impact on the movement of VN30. The market experienced a bearish session from the August futures expiration and profit-taking pressure, with a doji reversal candlestick pattern. Investors should be cautious in trading in the next session.

• Futures contracts simultaneously decreased in line with the movement of VN30. In terms of volume and open positions, futures contracts are up. "

#### **Covered warrant market**

Ticker	Expiration date	Remaing days	CR	Volume	Annualized sigma	Issuance price	Trading price	% +/- Daily	Theoritical price*	Price/ Value	Break-even price	Exercise price	Underlying stock price
CHPG2210	10/20/2022	63	6.05:1	62,500	37.33%	1,100	60	20.00%	2	37.71	81,516	47,777	24,150
CACB2204	11/7/2022	81	1.6:1	260,300	28.03%	2,500	1,370	4.58%	608	2.25	31,013	32,500	25,150
CFPT2201	9/20/2022	33	6.6:1	608,000	33.04%	2,100	940	2.17%	612	1.54	93,108	106,000	88,300
CFPT2204	12/7/2022	111	8.25:1	152,800	33.04%	2,900	1,510	2.03%	903	1.67	89,231	87,498	88,300
CACB2203	10/19/2022	62	2.4:1	453,700	28.03%	2,500	710	1.43%	277	2.57	32,277	33,000	25,150
CHDB2201	9/21/2022	34	5:1	223,500	35.92%	1,500	120	0.00%	30	3.99	43,799	30,999	26,800
CHDB2206	1/3/2023	138	8:1	12,100	35.92%	1,000	430	0.00%	167	2.57	36,959	29,999	26,800
CHDB2207	12/7/2022	111	3:1	53,400	35.92%	2,500	1,720	0.00%	1,193	1.44	24,860	24,500	26,800
CHPG2202	9/21/2022	34	7.56:1	4,900	37.33%	1,100	30	0.00%	0	65,973.43	41,898	53,888	24,150
CHPG2203	9/20/2022	33	3.02:1	610,100	37.33%	2,200	30	0.00%	0	10,746.29	43,125	51,500	24,150
CHPG2208	10/7/2022	50	3.78:1	68,600	37.33%	2,500	230	0.00%	28	8.32	39,406	40,000	24,150
CHPG2212	12/27/2022	131	7.56:1	469,500	37.33%	1,000	380	0.00%	142	2.67	28,812	36,789	24,150
CHPG2214	1/3/2023	138	7.56:1	666,900	37.33%	1,000	390	0.00%	121	3.21	29,802	28,744	24,150
CHDB2208	3/8/2023	202	5:1	1,000	35.92%	1,100	1,480	-1.33%	965	1.53	28,499	23,999	26,800
CHDB2205	10/20/2022	63	5:1	100	35.92%	1,000	550	-1.79%	308	1.79	34,261	27,111	26,800
CHPG2213	10/31/2022	74	2.26:1	645,800	37.33%	4,000	1,000	-4.76%	399	2.51	27,018	35,000	24,150
CHDB2204	9/26/2022	39	2:1	100	35.92%	1,700	80	-11.11%	70	1.15	33,000	31,500	26,800
CHPG2211	10/19/2022	62	3.02:1	115,700	37.33%	2,400	160	-11.11%	11	14.72	39,702	44,500	24,150
CHPG2201	10/21/2022	64	7.56:1	57,300	37.33%	1,300	30	-25.00%	1	47.11	42,106	49,666	24,150
CHPG2207	9/26/2022	39	2.26:1	101,300	37.33%	2,200	40	-33.33%	0	1,589.23	40,245	51,500	24,150
			Total	4,567,600	35.55%**								

Note:

Total 4,567,600 35.55%\*\*
Table includes covered warrant with the most trading values

Risk-free rate is 4.75%

\*\*Average annualized sigma

CR: Coversion rates

Remaining days: number of days to expiration

\* Theoritical price is calculated according to Black-Scholes Model

#### Outlook:

- In the trading session on August 18, 2022, the market struggled in the direction of the decrease of the underlying stock.
- CHDB2204 and CHDB2205 have the best growth, at 81.81% and 22.58% respectively. Transaction value increased by 118.65%. CHDB2205 has the most transaction value, accounting for 19.28%.
- most transaction value, accounting for 19.28%.
   CHPG2207, CHPG2207, CHPG2207, and CHPG2207 are warrants with value closest to the theoretical price. CHDB2201, CHDB2201, CHDB2201, and CHDB2201 are the most positive warrants in terms of returns. CFPT2203, CPNJ2201, CSTB2214, and CKDH2208 are the most positive warrants in terms of money position.

# **Bluechip Stocks**

Ticker         Sector         Close (thousand vND)         % Day         Beta         Market Cap. (mil. USD)         Vol. (mil. USD)         EPS         P/E         P/B         Foreign owned ow	27.3% 18.3% 9.2% 10.9% -2.8% 4.4% 36.9% 15.5% 22.5% 27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3% 33.5%
MWG   Retail   160.4   0.6%   0.5   5,105   1.6   6,936   23.1   5.6   49.0%   PNJ   Retail   118.0   0.9%   0.6   1,243   0.4   4,526   26.1   4.5   49.0%   PVJ   Insurance   63.3   1.3%   1.3   2,043   0.4   2,554   24.8   2.2   26.4%   PVJ   Insurance   53.3   0.2%   0.5   543   0.0   3,543   15.0   1.6   57.9%   VIC   Real Estate   81.2   -0.6%   0.7   13,465   0.2   (690) N/A N/A   3.0   12.5%   VRE   Real Estate   31.9   0.0%   1.1   3,147   0.2   578   55.1   2.4   30.4%   VHM   Real Estate   72.2   -0.1%   1.0   13,669   0.2   9,004   8.0   2.5   23.6%   DXG   Real Estate   39.1   -1.6%   1.4   1,033   1.0   1,942   20.1   2.7   30.5%   SSI   Securities   42.0   0.0%   1.5   1,813   0.4   2,768   15.2   2.9   37.6%   VCI   Securities   53.4   0.4%   1.0   773   0.2   4,512   11.8   2.7   18.9%   VCI   Securities   32.2   0.6%   1.4   640   0.1   2,805   11.5   2.0   42.7%   EPT   Technology   116.0   -0.5%   1.0   4,577   1.4   4,792   24.2   5.9   49.0%   FOX   Technology   83.5   -1.8%   0.4   1,192   0.0   4,926   17.0   4.6   0.0%   GAS   Oil & Gas   115.4   3.4%   1.2   9,603   1.5   4,381   26.3   4.3   2.8%   PLX   Oil & Gas   54.9   0.4%   1.5   3,033   0.2   2,344   23.4   2.8   17.1%   PVS   Oil & Gas   31.9   1.9%   1.6   663   1.4   1,258   25.4   1.3   8.4%   BSR   Oil & Gas   25.9   0.4%   0.8   3,491   0.4   2,108   12.3   2.1   41.1%   DHG   Pharmacy   101.8   -0.3%   0.2   579   0.0   5,720   17.8   3.5   54.2%   DPM   Fertilizer   72.5   0.4%   0.9   1,234   3.0   7,959   9.1   2.7   11.3%   DCM   Fertilizer   44.5   1.8%   0.7   1,023   2.5   3,073   14.5   3.2   6.5%   VCB   Banking   31.4   0.5%   1.6   6,550   0.2   #N/A N/A   #N/A   #N/A   25.7%   DBMP   Plastic   63.0   -0.3%   0.6   224   0.0   2,619   24.1   2.2   85.3%   NTP   Plastic   63.0   -0.3%   0.6   224   0.0   2,619   24.1   2.2   85.3%   NTP   Plastic   56.0   0.0%   0.4   287   0.0   3,825   0.1   178   164.0   2.3   10.1%   DCM	18.3% 9.2% 10.9% -2.8% 4.4% 36.9% 15.5% 22.5% 27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
PNU         Retail         118.0         0.9%         0.6         1,243         0.4         4,526         26.1         4.5         49.0%           BVH         Insurance         63.3         1.3%         1.3         2,043         0.4         2,554         24.8         2.2         26.4%           VIC         Real Estate         81.2         -0.6%         0.7         13,465         0.2         (690) N/A N/A         3.0         12.5%           VRE         Real Estate         31.9         0.0%         1.1         3,147         0.2         578         55.1         2.4         30.4%           VHM         Real Estate         72.2         -0.1%         1.0         13,669         0.2         9,004         8.0         2.5         23.6%           DXG         Real Estate         39.1         -1.6%         1.4         1,033         1.0         1,942         20.1         2.7         30.5%           SSI         Securities         42.0         0.0%         1.5         1,813         0.4         2,768         15.2         2.9         37.6%           VCI         Securities         32.2         0.6%         1.4         640         0.1         2,805	9.2% 10.9% -2.8% 4.4% 36.9% 15.5% 22.5% 27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1%
Number   N	10.9% -2.8% 4.4% 36.9% 15.5% 22.5% 27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
VIC         Real Estate         81.2         -0.6%         0.7         13,465         0.2         (690) N/A N/A         3.0         12.5%           VRE         Real Estate         31.9         0.0%         1.1         3,147         0.2         578         55.1         2.4         30.4%           VHM         Real Estate         72.2         -0.1%         1.0         13,669         0.2         9,004         8.0         2.5         23.6%           DXG         Real Estate         39.1         -1.6%         1.4         1,033         1.0         1,942         20.1         2.7         30.5%           SSI         Securities         42.0         0.0%         1.5         1,813         0.4         2,768         15.2         2.9         37.6%           VCI         Securities         53.4         0.4%         1.0         773         0.2         4,512         11.8         2.7         18.9%           HCM         Securities         32.2         0.6%         1.4         640         0.1         2,805         11.5         2.0         42.7%           FPT         Technology         116.0         -0.5%         1.0         4,571         1.4         4,792	-2.8% 4.4% 36.9% 15.5% 22.5% 27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
VIC         Real Estate         81.2         -0.6%         0.7         13,465         0.2         (690) N/A N/A         3.0         12.5%           VRE         Real Estate         31.9         0.0%         1.1         3,147         0.2         578         55.1         2.4         30.4%           VHM         Real Estate         72.2         -0.1%         1.0         13,669         0.2         9,004         8.0         2.5         23.6%           DXG         Real Estate         39.1         -1.6%         1.4         1,033         1.0         1,942         20.1         2.7         30.5%           SSI         Securities         42.0         0.0%         1.5         1,813         0.4         2,768         15.2         2.9         37.6%           VCI         Securities         32.2         0.6%         1.4         640         0.1         2,805         11.5         2.0         42.7%           FPT         Technology         116.0         -0.5%         1.0         4,577         1.4         4,792         24.2         5.9         49.0%           FOX         Technology         83.5         -1.8%         0.4         1,192         0.0         4,926	4.4% 36.9% 15.5% 22.5% 27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
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DXG         Real Estate         39.1         -1.6%         1.4         1,033         1.0         1,942         20.1         2.7         30.5%           SSI         Securities         42.0         0.0%         1.5         1,813         0.4         2,768         15.2         2.9         37.6%           VCI         Securities         53.4         0.4%         1.0         773         0.2         4,512         11.8         2.7         18.9%           HCM         Securities         32.2         0.6%         1.4         640         0.1         2,805         11.5         2.0         42.7%           FPI         Technology         116.0         -0.5%         1.0         4,577         1.4         4,792         24.2         5.9         49.0%           FOX         Technology         83.5         -1.8%         0.4         1,192         0.0         4,926         17.0         4.6         0.0%           GAS         Oil & Gas         54.9         0.4%         1.5         3,033         0.2         2,344         23.4         2.8         17.1%           PVS         Oil & Gas         31.9         1.9%         1.6         663         1.4         1,258 </td <td>15.5% 22.5% 27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%</td>	15.5% 22.5% 27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
SSI         Securities         42.0         0.0%         1.5         1,813         0.4         2,768         15.2         2.9         37.6%           VCI         Securities         53.4         0.4%         1.0         773         0.2         4,512         11.8         2.7         18.9%           HCM         Securities         32.2         0.6%         1.4         640         0.1         2,805         11.5         2.0         42.7%           FPT         Technology         116.0         -0.5%         1.0         4,577         1.4         4,792         24.2         5.9         49.0%           GAS         Oil & Gas         115.4         3.4%         1.2         9,603         1.5         4,381         26.3         4.3         2.8%           PLX         Oil & Gas         54.9         0.4%         1.5         3,033         0.2         2,344         23.4         2.8         17.1%           PVS         Oil & Gas         31.9         1.9%         1.6         663         1.4         1,258         25.4         1.3         8.4%           BSR         Oil & Gas         25.9         0.4%         0.8         3,491         0.4         2,108	22.5% 27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
VCI         Securities         53.4         0.4%         1.0         773         0.2         4,512         11.8         2.7         18.9%           HCM         Securities         32.2         0.6%         1.4         640         0.1         2,805         11.5         2.0         42.7%           FPT         Technology         116.0         -0.5%         1.0         4,577         1.4         4,792         24.2         5.9         49.0%           FOX         Technology         83.5         -1.8%         0.4         1,192         0.0         4,926         17.0         4.6         0.0%           GAS         Oil & Gas         115.4         3.4%         1.2         9,603         1.5         4,381         26.3         4.3         2.8%           PLX         Oil & Gas         54.9         0.4%         1.5         3,033         0.2         2,344         2.3         4.2         17.1%           PVS         Oil & Gas         31.9         1.9%         1.6         663         1.4         1,258         25.4         1.3         8.4%           BSR         Oil & Gas         25.9         0.4%         0.8         3,491         0.4         2,108	27.1% 19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
HCM         Securities         32.2         0.6%         1.4         640         0.1         2,805         11.5         2.0         42.7%           FPT         Technology         116.0         -0.5%         1.0         4,577         1.4         4,792         24.2         5.9         49.0%           FOX         Technology         83.5         -1.8%         0.4         1,192         0.0         4,926         17.0         4.6         0.0%           GAS         Oil & Gas         115.4         3.4%         1.2         9,603         1.5         4,381         26.3         4.3         2.8%           PLX         Oil & Gas         54.9         0.4%         1.5         3,033         0.2         2,344         2.3         2.8         17.1%           PVS         Oil & Gas         31.9         1.9%         1.6         663         1.4         1,258         25.4         1.3         8.4%           BSR         Oil & Gas         35.9         0.4%         0.8         3,491         0.4         2,108         12.3         2.1         41.1%           DHG         Pharmacy         101.8         -0.3%         0.2         579         0.0         5,720	19.5% 25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
FPT         Technology         116.0         -0.5%         1.0         4,577         1.4         4,792         24.2         5.9         49.0%           FOX         Technology         83.5         -1.8%         0.4         1,192         0.0         4,926         17.0         4.6         0.0%           GAS         Oil & Gas         115.4         3.4%         1.2         9,603         1.5         4,381         26.3         4.3         2.8%           PLX         Oil & Gas         54.9         0.4%         1.5         3,033         0.2         2,344         23.4         2.8         17.1%           PVS         Oil & Gas         31.9         1.9%         1.6         663         1.4         1,258         25.4         1.3         8.4%           BSR         Oil & Gas         25.9         0.4%         0.8         3,491         0.4         2,108         12.3         2.1         41.1%           DHG         Pharmacy         101.8         -0.3%         0.2         579         0.0         5,720         17.8         3.5         54.2%           DPM         Fertilizer         72.5         0.4%         0.9         1,234         3.0         7,959	25.8% 30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
FOX         Technology         83.5         -1.8%         0.4         1,192         0.0         4,926         17.0         4.6         0.0%           GAS         Oil & Gas         115.4         3.4%         1.2         9,603         1.5         4,381         26.3         4.3         2.8%           PLX         Oil & Gas         54.9         0.4%         1.5         3,033         0.2         2,344         23.4         2.8         17.1%           PVS         Oil & Gas         31.9         1.9%         1.6         663         1.4         1,258         25.4         1.3         8.4%           BSR         Oil & Gas         25.9         0.4%         0.8         3,491         0.4         2,108         12.3         2.1         41.1%           DHG         Pharmacy         101.8         -0.3%         0.2         579         0.0         5,720         17.8         3.5         54.2%           DPM         Fertilizer         72.5         0.4%         0.9         1,234         3.0         7,959         9.1         2.7         11.3%           VCB         Banking         81.0         0.0%         1.0         16,667         0.3         4,632	30.2% 17.4% 12.3% 5.0% 19.1% 20.3%
GAS         Oil & Gas         115.4         3.4%         1.2         9,603         1.5         4,381         26.3         4.3         2.8%           PLX         Oil & Gas         54.9         0.4%         1.5         3,033         0.2         2,344         23.4         2.8         17.1%           PVS         Oil & Gas         31.9         1.9%         1.6         663         1.4         1,258         25.4         1.3         8.4%           BSR         Oil & Gas         25.9         0.4%         0.8         3,491         0.4         2,108         12.3         2.1         41.1%           DHG         Pharmacy         101.8         -0.3%         0.2         579         0.0         5,720         17.8         3.5         54.2%           DPM         Fertilizer         72.5         0.4%         0.9         1,234         3.0         7,959         9.1         2.7         11.3%           DCM         Fertilizer         44.5         1.8%         0.7         1,023         2.5         3,073         14.5         3.2         6.5%           VCB         Banking         81.0         0.0%         1.0         16,667         0.3         4,632	17.4% 12.3% 5.0% 19.1% 20.3%
PLX         Oil & Gas         54.9         0.4%         1.5         3,033         0.2         2,344         23.4         2.8         17.1%           PVS         Oil & Gas         31.9         1.9%         1.6         663         1.4         1,258         25.4         1.3         8.4%           BSR         Oil & Gas         25.9         0.4%         0.8         3,491         0.4         2,108         12.3         2.1         41.1%           DHG         Pharmacy         101.8         -0.3%         0.2         579         0.0         5,720         17.8         3.5         54.2%           DPM         Fertilizer         72.5         0.4%         0.9         1,234         3.0         7,959         9.1         2.7         11.3%           DCM         Fertilizer         44.5         1.8%         0.7         1,023         2.5         3,073         14.5         3.2         6.5%           VCB         Banking         81.0         0.0%         1.0         16,667         0.3         4,632         17.5         3.5         23.6%           BID         Banking         31.4         0.5%         1.6         6,550         0.2         #N/A N/A	12.3% 5.0% 19.1% 20.3%
PVS         Oil & Gas         31.9         1.9%         1.6         663         1.4         1,258         25.4         1.3         8.4%           BSR         Oil & Gas         25.9         0.4%         0.8         3,491         0.4         2,108         12.3         2.1         41.1%           DHG         Pharmacy         101.8         -0.3%         0.2         579         0.0         5,720         17.8         3.5         54.2%           DPM         Fertilizer         72.5         0.4%         0.9         1,234         3.0         7,959         9.1         2.7         11.3%           DCM         Fertilizer         44.5         1.8%         0.7         1,023         2.5         3,073         14.5         3.2         6.5%           VCB         Banking         81.0         0.0%         1.0         16,667         0.3         4,632         17.5         3.5         23.6%           VCB         Banking         40.7         0.4%         1.2         8,940         0.1         2,084         19.5         2.5         16.8%           CTG         Banking         31.4         0.5%         1.6         6,550         0.2         4N/A N/A	5.0% 19.1% 20.3%
BSR         Oil & Gas         25.9         0.4%         0.8         3,491         0.4         2,108         12.3         2.1         41.1%           DHG         Pharmacy         101.8         -0.3%         0.2         579         0.0         5,720         17.8         3.5         54.2%           DPM         Fertilizer         72.5         0.4%         0.9         1,234         3.0         7,959         9.1         2.7         11.3%           DCM         Fertilizer         44.5         1.8%         0.7         1,023         2.5         3,073         14.5         3.2         6.5%           VCB         Banking         81.0         0.0%         1.0         16,667         0.3         4,632         17.5         3.5         23.6%           BID         Banking         40.7         0.4%         1.2         8,940         0.1         2,084         19.5         2.5         16.8%           CTG         Banking         31.4         0.5%         1.6         6,550         0.2         #N/A N/A         #N/A         #N/A         25.7%           VPB         Banking         39.7         0.4%         1.2         7,664         2.4         2,648	19.1% 20.3%
DHG         Pharmacy         101.8         -0.3%         0.2         579         0.0         5,720         17.8         3.5         54.2%           DPM         Fertilizer         72.5         0.4%         0.9         1,234         3.0         7,959         9.1         2.7         11.3%           DCM         Fertilizer         44.5         1.8%         0.7         1,023         2.5         3,073         14.5         3.2         6.5%           VCB         Banking         81.0         0.0%         1.0         16,667         0.3         4,632         17.5         3.5         23.6%           BID         Banking         40.7         0.4%         1.2         8,940         0.1         2,084         19.5         2.5         16.8%           CTG         Banking         31.4         0.5%         1.6         6,550         0.2         #N/A N/A         #N/A         4N/A         25.7%           VPB         Banking         39.7         0.4%         1.2         7,664         2.4         2,648         15.0         2.2         17.5%           MBB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554	20.3%
DPM         Fertilizer         72.5         0.4%         0.9         1,234         3.0         7,959         9.1         2.7         11.3%           DCM         Fertilizer         44.5         1.8%         0.7         1,023         2.5         3,073         14.5         3.2         6.5%           VCB         Banking         81.0         0.0%         1.0         16,667         0.3         4,632         17.5         3.5         23.6%           BID         Banking         40.7         0.4%         1.2         8,940         0.1         2,084         19.5         2.5         16.8%           CTG         Banking         31.4         0.5%         1.6         6,550         0.2 #N/A N/A #N/A #N/A #N/A #N/A 25.7%           VPB         Banking         39.7         0.4%         1.2         7,664         2.4         2,648         15.0         2.2         17.5%           MBB         Banking         32.3         0.0%         1.2         5,306         0.9         3,362         9.6         2.0         23.2%           ACB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554         9.6         2.0         30.0%	
DCM         Fertilizer         44.5         1.8%         0.7         1,023         2.5         3,073         14.5         3.2         6.5%           VCB         Banking         81.0         0.0%         1.0         16,667         0.3         4,632         17.5         3.5         23.6%           BID         Banking         40.7         0.4%         1.2         8,940         0.1         2,084         19.5         2.5         16.8%           CTG         Banking         31.4         0.5%         1.6         6,550         0.2 #N/A N/A #N/A #N/A #N/A #N/A 25.7%           VPB         Banking         39.7         0.4%         1.2         7,664         2.4         2,648         15.0         2.2         17.5%           MBB         Banking         32.3         0.0%         1.2         5,306         0.9         3,362         9.6         2.0         23.2%           ACB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554         9.6         2.0         30.0%           BMP         Plastic         63.0         -0.3%         0.6         224         0.0         2,619         24.1         2.2         85.3%	22 50/
VCB         Banking         81.0         0.0%         1.0         16,667         0.3         4,632         17.5         3.5         23.6%           BID         Banking         40.7         0.4%         1.2         8,940         0.1         2,084         19.5         2.5         16.8%           CTG         Banking         31.4         0.5%         1.6         6,550         0.2         #N/A N/A         #N/A         25.7%           VPB         Banking         39.7         0.4%         1.2         7,664         2.4         2,648         15.0         2.2         17.5%           MBB         Banking         32.3         0.0%         1.2         5,306         0.9         3,362         9.6         2.0         23.2%           ACB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554         9.6         2.0         30.0%           BMP         Plastic         63.0         -0.3%         0.6         224         0.0         2,619         24.1         2.2         85.3%           NTP         Plastic         56.0         0.0%         0.4         287         0.0         3,825         14.6         2.4<	33.576
BID         Banking         40.7         0.4%         1.2         8,940         0.1         2,084         19.5         2.5         16.8%           CTG         Banking         31.4         0.5%         1.6         6,550         0.2         #N/A N/A         #N/A         25.7%           VPB         Banking         39.7         0.4%         1.2         7,664         2.4         2,648         15.0         2.2         17.5%           MBB         Banking         32.3         0.0%         1.2         5,306         0.9         3,362         9.6         2.0         23.2%           ACB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554         9.6         2.0         30.0%           BMP         Plastic         63.0         -0.3%         0.6         224         0.0         2,619         24.1         2.2         85.3%           NTP         Plastic         56.0         0.0%         0.4         287         0.0         3,825         14.6         2.4         17.9%           MSR         Resources         29.2         -0.7%         1.2         1,395         0.1         178         164.0         2.3	23.7%
BID         Banking         40.7         0.4%         1.2         8,940         0.1         2,084         19.5         2.5         16.8%           CTG         Banking         31.4         0.5%         1.6         6,550         0.2         #N/A N/A         #N/A         25.7%           VPB         Banking         39.7         0.4%         1.2         7,664         2.4         2,648         15.0         2.2         17.5%           MBB         Banking         32.3         0.0%         1.2         5,306         0.9         3,362         9.6         2.0         23.2%           ACB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554         9.6         2.0         20.0%           BMP         Plastic         63.0         -0.3%         0.6         224         0.0         2,619         24.1         2.2         85.3%           NTP         Plastic         56.0         0.0%         0.4         287         0.0         3,825         14.6         2.4         17.9%           MSR         Resources         29.2         -0.7%         1.2         1,395         0.1         178         164.0         2.3	21.6%
CTG         Banking         31.4         0.5%         1.6         6,550         0.2 #N/A N/A         #N/A         #N/A         25.7%           VPB         Banking         39.7         0.4%         1.2         7,664         2.4         2,648         15.0         2.2         17.5%           MBB         Banking         32.3         0.0%         1.2         5,306         0.9         3,362         9.6         2.0         23.2%           ACB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554         9.6         2.0         30.0%           BMP         Plastic         63.0         -0.3%         0.6         224         0.0         2,619         24.1         2.2         85.3%           NTP         Plastic         56.0         0.0%         0.4         287         0.0         3,825         14.6         2.4         17.9%           MSR         Resources         29.2         -0.7%         1.2         1,395         0.1         178         164.0         2.3         10.1%           HPG         Steel         44.9         -0.1%         1.1         8,722         1.6         7,166         6.3	13.2%
VPB         Banking         39.7         0.4%         1.2         7,664         2.4         2,648         15.0         2.2         17.5%           MBB         Banking         32.3         0.0%         1.2         5,306         0.9         3,362         9.6         2.0         23.2%           ACB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554         9.6         2.0         30.0%           BMP         Plastic         63.0         -0.3%         0.6         224         0.0         2,619         24.1         2.2         85.3%           NTP         Plastic         56.0         0.0%         0.4         287         0.0         3,825         14.6         2.4         17.9%           MSR         Resources         29.2         -0.7%         1.2         1,395         0.1         178         164.0         2.3         10.1%           HPG         Steel         44.9         -0.1%         1.1         8,722         1.6         7,166         6.3         2.2         21.9%	#VALUE!
MBB         Banking         32.3         0.0%         1.2         5,306         0.9         3,362         9.6         2.0         23.2%           ACB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554         9.6         2.0         30.0%           BMP         Plastic         63.0         -0.3%         0.6         224         0.0         2,619         24.1         2.2         85.3%           NTP         Plastic         56.0         0.0%         0.4         287         0.0         3,825         14.6         2.4         17.9%           MSR         Resources         29.2         -0.7%         1.2         1,395         0.1         178         164.0         2.3         10.1%           HPG         Steel         44.9         -0.1%         1.1         8,722         1.6         7,166         6.3         2.2         21.9%	17.9%
ACB         Banking         34.0         0.4%         1.1         3,988         0.3         3,554         9.6         2.0         30.0%           BMP         Plastic         63.0         -0.3%         0.6         224         0.0         2,619         24.1         2.2         85.3%           NTP         Plastic         56.0         0.0%         0.4         287         0.0         3,825         14.6         2.4         17.9%           MSR         Resources         29.2         -0.7%         1.2         1,395         0.1         178         164.0         2.3         10.1%           HPG         Steel         44.9         -0.1%         1.1         8,722         1.6         7,166         6.3         2.2         21.9%	23.6%
BMP         Plastic         63.0         -0.3%         0.6         224         0.0         2,619         24.1         2.2         85.3%           NTP         Plastic         56.0         0.0%         0.4         287         0.0         3,825         14.6         2.4         17.9%           MSR         Resources         29.2         -0.7%         1.2         1,395         0.1         178         164.0         2.3         10.1%           HPG         Steel         44.9         -0.1%         1.1         8,722         1.6         7,166         6.3         2.2         21.9%	23.9%
MSR         Resources         29.2         -0.7%         1.2         1,395         0.1         178         164.0         2.3         10.1%           HPG         Steel         44.9         -0.1%         1.1         8,722         1.6         7,166         6.3         2.2         21.9%	9.0%
<u>HPG</u> Steel 44.9 <b>-0.1%</b> 1.1 8,722 1.6 7,166 6.3 2.2 21.9%	17.0%
•	1.4%
HSG Steel 33.4 <b>0.6%</b> 1.4 717 0.5 8,581 3.9 1.5 6.6%	42.8%
	45.9%
<u>VNM</u> Consumer staples 76.3 <b>0.0%</b> 0.7 6,933 0.2 4,518 16.9 4.8 54.3%	29.3%
SAB Consumer staples 170.3 <b>2.0</b> % 0.8 4,748 0.2 5,718 29.8 5.1 62.6%	17.9%
MSN Consumer staples 125.3 -0.3% 0.9 7,718 0.1 6,048 20.7 5.4 28.5%	35.1%
<u>SBT</u> Consumer staples 22.2 <b>-0.7%</b> 1.4 607 0.1 1,135 19.6 1.7 7.3%	8.7%
ACV Transport 90.0 <b>0.0%</b> 0.8 8,519 0.1 363 248.1 5.2 3.8%	1.3%
VJC Transport 137.0 <b>0.1</b> % 1.1 3,226 0.6 185 738.6 4.4 16.8%	0.6%
<u>HVN</u> Transport 24.0 <b>0.0%</b> 1.7 2,311 0.0 (6,783) N/A N/A 35.7 6.1%	-331.6%
<u>GMD</u> Transport 57.0 <b>0.9</b> % 1.0 747 0.5 1,869 30.5 2.7 42.8%	9.2%
<u>PVT</u> Transport 24.2 <b>1.5</b> % 1.3 340 0.2 2,038 11.9 1.5 9.7%	13.1%
VCS Materials 109.2 <b>-1.4%</b> 0.7 760 0.0 10,538 10.4 3.6 3.5%	40.6%
<u>VGC</u> Materials 52.7 -3.8% 0.4 1,027 0.8 2,729 19.3 3.3 4.3%	18.1%
HT1 Materials 24.3 -0.8% 0.8 403 0.2 966 25.1 1.8 1.9%	7.0%
CTD Construction 74.8 -0.3% 1.0 240 0.2 308 242.8 0.7 45.1%	
CII Construction 28.6 -1.6% 1.0 312 0.3 (1,398) N/A N/A 1.4 11.0%	0.3%
REE Electricity 82.8 1.0% -1.4 1,113 0.2 6,002 13.8 1.9 49.0%	-6.9%
PC1 Electricity 43.4 -0.6% -0.4 443 0.1 3,014 14.4 2.2 5.0%	
POW Electricity 15.4 -1.0% 0.6 1,568 0.6 768 20.1 1.3 1.9%	-6.9%
NT2 Electricity 23.3 <b>0.9</b> % 0.5 291 0.0 1,778 13.1 1.6 13.6%	-6.9% 15.0%
KBC Industrial park 51.0 <b>0.2</b> % 1.3 1,277 0.5 1,590 32.1 2.1 18.4%	-6.9% 15.0% 16.0%
BCM Industrial park 77.0 <b>0</b> % 0.9 3,465 0.1 1,357 56.7 4.9 2.6%	-6.9% 15.0% 16.0% 6.3%

**BSC** 

Vietnam Daily Review

#### **Market statistics**

Top 5 leaders on the HSX

Ticker	Price	% Change	Index pt	Volume
VJC	137.00	2.09	0.39	863400
FPT	94.80	1.07	0.23	2.23MLN
MSN	158.80	0.38	0.18	634300
HVN	25.20	1.20	0.17	3.56MLN
SAB	155.60	0.65	0.16	96800

Top 5 laggards on the HSX

Ticker	Price	% Chang	e Index pt	Volume
VCB	0.00	-4.11	2.94MLN	1.11MLN
GAS	0.00	-1.91	1.43MLN	607060
HPG	0.00	-1.89	40.51MLN	373600
VHM	0.00	-1.78	6.03MLN	192700
MBB	0.00	-1.16	25.63MLN	611640

Top 5 gainers on the HSX

Ticker	Price	% Change	Index pt	Volume
FTM	6.27	7.00	0.01	2.38MLN
DAH	13.80	6.98	0.01	3.87MLN
FCM	11.50	6.98	0.01	2.66MLN
OGC	13.80	6.98	0.07	6.66MLN
PDN	102.90	6.96	0.03	100

Top 5 losers on the HSX

Ticker	Price	% Change	Index pt	Volume
FRT	120.90	-7.00	-0.18	1.88MLN
FDC	24.60	-6.99	-0.02	40300
YEG	26.65	-6.98	-0.02	1.30MLN
ACL	21.40	-6.96	-0.02	415600
VIP	12.10	-6.92	-0.02	1.97MLN

Source: Bloomberg, BSC Research

Ticker	Price	% Change	Index pt	Volume
HUT	35.80	5.29	0.79	4.76MLN
OCH	15.80	9.72	0.22	1.94MLN
SDA	31.10	9.51	0.10	750164
PVC	31.30	6.46	0.10	4.39MLN
VIT	23.00	9.52	0.09	2.45MLN

Top 5 laggards on the HNX

Top 5 leaders on HNX

Ticker	Price	% Change	Index pt	Volume
CEO	64.50	-7.86	-1.82	8.92MLN
IDC	74.00	-4.27	-1.27	3.69MLN
THD	171.20	-1.33	-1.04	439601
L14	370.00	-3.95	-0.49	116817
SHS	43.20	-1.59	-0.35	7.70MLN

Top 5 gainers on the HNX

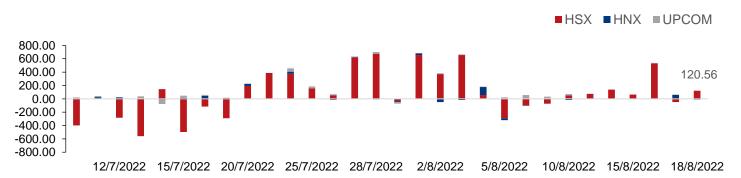
Price	% Change	Index pt	Volume
12.10	10.0	0.01	463129
24.20	10.0	0.01	112600
16.50	10.0	0.00	100
30.80	10.0	0.03	100
13.30	9.9	0.01	64301.00
	12.10 24.20 16.50 30.80	12.10 10.0 24.20 10.0 16.50 10.0 30.80 10.0	12.10     10.0     0.01       24.20     10.0     0.01       16.50     10.0     0.00       30.80     10.0     0.03

Top 5 losers on the HNX

Ticker	Price	% Change	Index pt	Volume
VMS	11.70	-10.00	-0.01	1500
VDL	24.10	-9.74	-0.01	131
ATS	25.20	-9.68	-0.01	3900
VXB	39.70	-9.57	-0.01	18600
KTS	19.90	-9.55	-0.02	16000

## Exhibit 3

### Foreign transaction



Source: HSX, HNX, BSC Research

Vietnam Daily Review

#### **Disclosure**

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