

Thu, December 19, 2019

# Vietnam Daily Review

Moody's retains credit rating, market rebounded

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

|                       | Negative | Neutral | Positive |
|-----------------------|----------|---------|----------|
| Day 20/12/2019        |          | •       | _        |
| Week 16/12-20/12/2019 |          | •       |          |
| Month 12/2019         |          | •       |          |

#### Market outlook

The maturity session of VN30F1912 took place with little change as the VN-Index moved around the reference level in both morning and afternoon sessions. Blue-chips like VCB, VNM, HVN, BID, and VRE had a positive impact on the index. The market saw a slight gain with low liquidity and foreign investors returned to a net buying. In the context that Moody's announced to keep Vietnam's national credit rating at Ba3 but adjusting its outlook to negative, the slight increase shows that the impact of this information is not substantial. However, this is also a noticeable warning signal because in the previous Moody's changes of Vietnam's national credit, the market often fluctuated quite large.

**Future contracts**: Except for VN30F2006, all future contracts decreased following VN30. Investors should prioritize buying with target price around 880 points for long-term contracts.

**Covered warrants:** In the trading session on December 19, 2019, majority of coverred warrants decreased, while underlying securities diverged in term of price. Trading volume increased.

#### Technical analysis: TNG\_ Double bottom model

(Please go to page 2 for buy/sell status of stocks and page 4 for Blue chip stocks information)

#### **Highlights**

- VN-Index +1.13 points, closed at 952.26. HNX-Index +0.20 points, closed at 102.00
- Pulling up the index: VCB (+1.43); VNM (+0.57); HVN (+0.38); VRE (+0.31); BID (+0.24).
- Pulling the index down: TCB (-0.35); BVH (-0.30); MSN (-0.27); MBB (-0.20); TCH (-0.14).
- The matched value of VN-Index reached VND 3,068 billion, -7.3% compared to the previous session.
- Amplitude is 9.11 points. The market has 147 gainers, 63 reference codes and 163 losers.
- Foreign investors' net buying value: 193.41 billion dong on HOSE, including VNM (87.83 billion), VCB (65.36 billion) and HPG (22.88 billion). Foreigners were net sellers on the HNX with a value of 3.57 billion dong.

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 VN-INDEX
 952.26

 Giá trị: 3068.07 tỷ
 1.13 (0.12%)

 Foreigners (net):
 VND 193.41 bil

 HNX-INDEX
 102.00

 Value: 155.88 bil
 0.2 (0.2%)

 Foreigners (net):
 VND -3.57 bil

 UPCOM-INDEX
 55.47

 Value: 157.72 bil
 0.17 (0.31%)

 Foreigners (net):
 VND 3.51 bil

#### **Macro indicators**

|                        | Value  | % Chg  |
|------------------------|--------|--------|
| Crude oil              | 60.9   | -0.10% |
| Gold                   | 1,475  | -0.01% |
| USDVND                 | 23,174 | 0.00%  |
| EURVND                 | 25,827 | 0.09%  |
| JPYVND                 | 21,149 | 0.00%  |
| 1-month Interbank rate | 3.6%   | -2.59% |
| 5yr VN Treasury Yield  | 2.1%   | -1.55% |

Source: Bloomberg, BSC Research

Top Foreign trading stocks

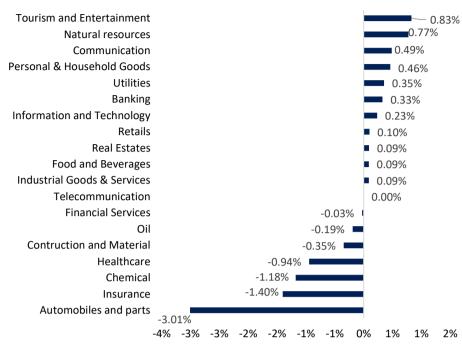
| rop rororgir maring ordano |       |          |       |  |  |  |  |  |  |
|----------------------------|-------|----------|-------|--|--|--|--|--|--|
| Top Buy                    | Value | Top Sell | Value |  |  |  |  |  |  |
| VNM                        | 87.8  | VIC      | -40.9 |  |  |  |  |  |  |
| VCB                        | 65.4  | STB      | -9.2  |  |  |  |  |  |  |
| E1VFVN30                   | 30.6  | MSN      | -6.7  |  |  |  |  |  |  |
| HPG                        | 22.9  | HDB      | -5.2  |  |  |  |  |  |  |
| KBC                        | 20.0  | PHR      | -4.0  |  |  |  |  |  |  |

Source: Bloomberg, BSC Research

| Market Outlook           | Page 1 |
|--------------------------|--------|
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| Importance stocks        | Page 4 |
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# BSC

# **Noticable sectors**



# **Technical Analysis**

## TNG\_ Double bottom model

## Technical highlights:

- Current trend: Uptrend.
- MACD trend indicator: Positive divergence, MACD converged upward with the
- RSI indicator: neutral zone, breaking upper Bollinger channel.

Outlook: TNG is in the rebounding trend, forming a strong support level at 15. The stock liquidity increased and surpassed the 20-day average level, signaling an uptrend. The RSI and the MACD both support this positive trend. The stock price line has crossed the Ichimoku cloud band, indicating the mid-term upward momentum has formed. Therefore, TNG is likely to retest the 18 level in the coming sessions

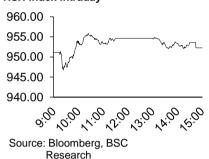


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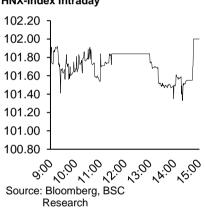
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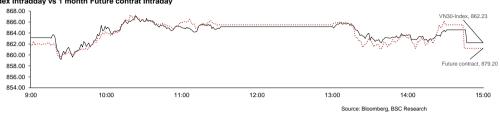
## Exihibit 2 **HNX-Index Intraday**



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#### **Future contracts market**





| Future contra<br>Ticker | Close  | ± Daily | Difference | %      | Trading vol | Time to Exp    | Remaining Days  |
|-------------------------|--------|---------|------------|--------|-------------|----------------|-----------------|
| VN30F1912               | 861.20 | -0.03%  | -1.03      | -2.9%  | 75,009      | 12/19/2019     | 0               |
| VN30F2001               | 864.70 | -0.07%  | 2.47       | 294.5% | 16,754      | 1/16/2020      | 28              |
| VN30F2003               | 872.60 | -0.42%  | 10.37      | -56.1% | 150         | 3/19/2020      | 91              |
| VN30F2006               | 877.50 | 0.16%   | 15.27      | 171.4% | 152         | 6/18/2020      | 182             |
|                         |        |         |            |        |             | Source: Bloomh | em RSC Research |

#### Outlook:

- VN30 Index decrease slightly -0.93 points to 862.23 points. Key stocks such as TCB, MBB, MSN, EIB, and HDB strongly impacted the decrease of VN30. In the morning session, VN30 surged, before accumulating around 865 points. In the afternoon session, VN30 dropped slightly, then accumulating around 862-863 points. Liquidity decreased slightly, VN30 might accumulate in the price range of 860-870 points in coming sessions.
- Except for VN30F2006, all future contracts decreased following VN30. In terms of trading volume, all future contracts decreased. In terms of open interest position, VN30F2003 decreased, while VN30F2001 and VN30F2006 increased. This reflected expectation for downward correction in short-term to long-term. However, investors should prioritize buying with target price around 880 points for longterm contracts.

#### **Covered warrant market**

| Ticker   | Issuer | Expiration date | Remaing days | CR     | Volume    | % +/- Daily | Annualized sigma | Issuance price | Trading price | % +/- Daily | Theoritic-<br>al price * | Price/Value |
|----------|--------|-----------------|--------------|--------|-----------|-------------|------------------|----------------|---------------|-------------|--------------------------|-------------|
| CHPG1905 | SSI    | 12/30/2019      | 11           | 1:1    | 283.660   | 69.6%       | 24.87%           | 3,300          | 480           | 17.07%      | 275.80                   | 1.74        |
| CVNM1904 | HSC    | 4/8/2020        | 111          | 10:1   | 68,960    | 502.8%      | 18.30%           | 1,900          | 900           | 8.43%       | 126.70                   | 7.10        |
| CHPG1908 | MBS    | 1/22/2020       | 34           | 2:1    | 136,720   | 82.3%       | 24.87%           | 1,450          | 1.590         | 5.30%       | 1.221.60                 | 1.30        |
| CVHM1902 | SSI    | 4/22/2020       | 125          | 1:1    | 66,100    | 0.0%        | 21.89%           | 18,600         | 10,690        | 5.11%       | 4,465,70                 | 2.39        |
| CFPT1906 | HSC    | 4/8/2020        | 111          | 5:1    | 45,830    | -8.9%       | 20.90%           | 1,700          | 1,230         | 4.24%       | 477.30                   | 2.58        |
| CFPT1907 | VND    | 1/9/2020        | 21           | 2:1    | 79,350    | 0.0%        | 16.33%           | 4,200          | 1,950         | 3.72%       | 1,569.20                 | 1.24        |
| CVRE1902 | HSC    | 4/8/2020        | 111          | 4:1    | 63,190    | n/a         | 21.73%           | 1,300          | 1,000         | 3.09%       | 432.30                   | 2.31        |
| CHPG1907 | SSI    | 4/22/2020       | 125          | 1:1    | 105,000   | 174.4%      | 24.87%           | 4,200          | 4,660         | 2.64%       | 2,607.50                 | 1.79        |
| CVNM1902 | KIS    | 3/26/2020       | 98           | 10:1   | 111,730   | 669.0%      | 18.30%           | 1,900          | 1,430         | 2.14%       | 492.70                   | 2.90        |
| CFPT1903 | SSI    | 12/30/2019      | 11           | 1:1    | 17,950    | 0.0%        | 0.00%            | 6,000          | 10,990        | 2.14%       | 10,729.60                | 1.02        |
| CGMD1901 | MBS    | 4/28/2020       | 131          | 2.83:1 | 112,740   | 630.2%      | 18.05%           | 1,680          | 1,020         | 2.00%       | 256.40                   | 3.98        |
| CNVL1901 | KIS    | 2/7/2020        | 50           | 4:1    | 99,180    | -18.5%      | 17.82%           | 1,900          | 820           | 1.23%       | 25.40                    | 32.28       |
| CVRE1903 | KIS    | 5/15/2020       | 148          | 2:1    | 50,030    | 15.6%       | 21.73%           | 2,700          | 1,730         | 1.17%       | 511.20                   | 3.38        |
| CMWG1904 | SSI    | 12/30/2019      | 11           | 1:1    | 9,800     | -76.0%      | 21.92%           | 14,000         | 20,200        | 1.00%       | 20,128.70                | 1.00        |
| CREE1903 | SSI    | 4/22/2020       | 125          | 1:1    | 52,190    | 36.2%       | 22.37%           | 7,600          | 4,880         | 0.83%       | 2,055.00                 | 2.37        |
| CMBB1906 | VND    | 1/9/2020        | 21           | 2:1    | 45,980    | -26.0%      | 17.60%           | 2,100          | 1,000         | -0.99%      | 422.00                   | 2.37        |
| CREE1904 | VND    | 1/9/2020        | 21           | 2:1    | 55,590    | 6.1%        | 22.37%           | 3,400          | 1,240         | -6.06%      | 1,022.40                 | 1.21        |
| CMBB1903 | SSI    | 4/22/2020       | 125          | 1:1    | 68,210    | 129.5%      | 17.60%           | 4,000          | 1,960         | -7.11%      | 477.40                   | 4.11        |
| CMBB1904 | SSI    | 1/22/2020       | 34           | 1:1    | 62,070    | 83.1%       | 17.60%           | 2,900          | 990           | -10.00%     | 86.30                    | 11.47       |
| CMBB1905 | HSC    | 4/8/2020        | 111          | 2:1    | 210,530   | -3.3%       | 17.60%           | 1,700          | 750           | -11.76%     | 98.60                    | 7.61        |
| CSBT1901 | KIS    | 2/14/2020       | 57           | 1:1    | 6,140     | 1128.0%     | 16.82%           | 1,500          | 780           | -17.02%     | 2.00                     | 390.00      |
| CDPM1901 | KIS    | 1/9/2020        | 21           | 1:1    | 17,090    | -67.5%      | 27.31%           | 1,900          | 440           | -22.81%     | 201.40                   | 2.18        |
|          |        | Total:          |              |        | 1.768.040 |             | 19.58%**         |                |               |             |                          |             |

Theoritical price is calculated according to Black-Scholes Model, \*\*Average annualized sigma

Risk free rate is 4.75%

## Outlook:

- In the trading session on December 19, 2019, majority of coverred warrants decreased, while underlying securities diverged in term of price. Trading volume increased.
- In term of price, CDPM1901 and CSBT1901 decreased the most at -22.81% và -17.02% respectively. CHPG1905 increased the most 17.07%. Market liquidity increased 15.12%. CHPG1905 had the most trading volume accounting for 14.23% of the market.
- Except those with underlying securities being FPT, HPG and VJC, majority of other coverred warrants have market prices much higher than the theoretical prices. CMWG1904 and CVJC1902 were the most positive in term of money position. CFPT1903 and CMWG1904 are most positive in term of profitability.

| Tab | 10  | 1   |  |
|-----|-----|-----|--|
| Ton | lea | der |  |

| I able I         |        |                     |              |
|------------------|--------|---------------------|--------------|
| Top leaders VN30 |        |                     |              |
| Ticker           | Price  | ± Daily (%)         | Index p      |
| VNM              | 119.70 | 0.93                | 0.76         |
| HPG              | 22.80  | 1.11                | 0.57         |
| VCB              | 88.00  | 1.50                | 0.53         |
| VRE              | 32.40  | 1.41                | 0.29         |
| FPT              | 55.80  | 0.54                | 0.22         |
|                  | Sc     | ource: Bloomberg, E | BSC Research |
|                  |        |                     |              |

Table 2

| Top Laggards Vi |       |             |          |
|-----------------|-------|-------------|----------|
| Ticker          | Price | ± Daily (%) | Index pt |
| TCB             | 22.4  | -1.54       | -1.10    |
| MBB             | 20.7  | -1.43       | -0.58    |
| MSN             | 55.6  | -1.42       | -0.52    |
| EIB             | 16.6  | -2.06       | -0.50    |
| HDB             | 26.2  | -0.95       | -0.24    |
|                 |       |             |          |

| Ticker   | Break-<br>even price | Exercise price | Underlying stock price |
|----------|----------------------|----------------|------------------------|
| CHPG1905 | 93,300               | 23,100         | 22,800                 |
| CVNM1904 | 152,000              | 133,000        | 119,700                |
| CHPG1908 | 23,400               | 20,500         | 22,800                 |
| CVHM1902 | 103,600              | 85,000         | 83,900                 |
| CFPT1906 | 65,500               | 57,000         | 55,800                 |
| CFPT1907 | 61,400               | 53,000         | 55,800                 |
| CVRE1902 | 37,700               | 32,500         | 32,400                 |
| CHPG1907 | 25,200               | 21,000         | 22,800                 |
| CVNM1902 | 152,333              | 133,333        | 119,700                |
| CFPT1903 | 51,140               | 45,140         | 55,800                 |
| CGMD1901 | 29,682               | 24,928         | 23,800                 |
| CNVL1901 | 69,688               | 62,088         | 55,700                 |
| CVRE1903 | 71,578               | 35,789         | 32,400                 |
| CMWG1904 | 165,000              | 90,000         | 110,000                |
| CREE1903 | 43,600               | 36,000         | 35,800                 |
| CMBB1906 | 24,200               | 20,000         | 20,700                 |
| CREE1904 | 40,800               | 34,000         | 35,800                 |
| CMBB1903 | 26,000               | 22,000         | 20,700                 |
| CMBB1904 | 24,900               | 22,000         | 20,700                 |
| CMBB1905 | 26,400               | 23,000         | 20,700                 |
| CSBT1901 | 42,424               | 21,212         | 18,000                 |
| CDPM1901 | 15,888               | 13,988         | 12,900                 |



| Ticker | Sector           | Close<br>(VND k) | % Day | Beta | Market cap<br>(USD Mil) | Liquidity<br>(USD<br>Mil) | EPS   | P/E  | P/B | Foreign<br>owned | ROE   |
|--------|------------------|------------------|-------|------|-------------------------|---------------------------|-------|------|-----|------------------|-------|
| MWG    | Retail           | 110.0            | 0.0%  | 0.7  | 2,117                   | 1.8                       | 8,321 | 13.2 | 4.3 | 49.0%            | 37.7% |
| PNJ    | Retail           | 81.5             | 0.7%  | 1.0  | 789                     | 0.9                       | 4,839 | 16.8 | 4.4 | 49.0%            | 28.6% |
| BVH    | Insurance        | 71.5             | -2.1% | 1.3  | 2,179                   | 0.6                       | 1,889 | 37.8 | 3.2 | 25.3%            | 8.7%  |
| PVI    | Insurance        | 31.0             | 0.0%  | 0.7  | 311                     | 0.0                       | 2,801 | 11.1 | 1.0 | 54.3%            | 9.6%  |
| VIC    | Real Estate      | 115.8            | 0.0%  | 1.0  | 16,960                  | 4.9                       | 1,589 | 72.9 | 5.0 | 15.0%            | 7.8%  |
| VRE    | Real Estate      | 32.4             | 1.4%  | 1.1  | 3,281                   | 2.5                       |       | 26.4 | 2.7 | 32.7%            | 8.8%  |
| NVL    | Real Estate      | 55.7             | 0.2%  | 0.8  | 2,298                   | 1.0                       | 3,187 | 17.5 | 2.5 | 7.2%             | 15.5% |
| REE    | Real Estate      | 35.8             | -0.3% | 1.0  | 483                     | 1.2                       | 5,614 | 6.4  | 1.1 | 49.0%            | 18.6% |
| DXG    | Real Estate      | 14.0             | -0.4% | 1.5  | 319                     | 0.4                       | 3,215 | 4.3  | 0.8 | 45.5%            | 25.9% |
| SSI    | Securities       | 18.1             | the   | 1.4  | 400                     | 0.8                       | 1,769 | 10.2 | 1.0 | 55.4%            | 9.4%  |
| VCI    | Securities       | 30.0             | 1.7%  | 1.0  | 214                     | 0.0                       | 5,067 | 5.9  | 1.3 | 37.2%            | 24.7% |
| HCM    | Securities       | 21.3             | -4.1% | 1.5  | 283                     |                           | 1,287 | 16.5 | 1.5 | 57.0%            | 10.2% |
| FPT    | Technology       | 55.8             | 0.5%  | 0.8  | 1,646                   | 2.0                       | 4,688 | 11.9 | 2.8 | 49.0%            | 24.9% |
| FOX    | Technology       | 43.3             | -0.7% | 0.4  | 468                     | 0.0                       | 4,156 | 10.4 | 2.6 | 0.1%             | 27.7% |
| GAS    | Oil & Gas        | 95.8             | 0.3%  | 1.6  | 7,972                   | 1.2                       | 5,886 | 16.3 | 4.0 | 3.6%             | 26.1% |
| PLX    | Oil & Gas        | 55.4             | -0.4% | 1.5  | 2,868                   | 0.1                       | 3,467 | 16.0 | 3.0 | 13.4%            | 19.5% |
| PVS    | Oil & Gas        | 17.9             | 0.6%  | 1.7  | 372                     | 0.5                       | 2,062 | 8.7  | 0.7 | 21.8%            | 8.5%  |
| BSR    | Oil & Gas        | 8.1              | -1.2% | 0.8  | 1,092                   | 0.4                       | 1,163 | 7.0  | 8.0 | 41.1%            | 11.0% |
| DHG    | Pharmacy         | 92.7             | -1.9% | 0.5  | 527                     | 0.0                       | 4,535 | 20.4 | 3.8 | 54.4%            | 19.4% |
| DPM    | Fertilizer       | 12.9             | -2.3% | 0.8  | 219                     | 0.2                       | 650   | 19.9 | 0.6 | 19.0%            | 3.7%  |
| DCM    | Fertilizer       | 6.6              | -0.6% | 0.6  | 153                     | 0.0                       | 625   | 10.6 | 0.6 | 2.5%             | 5.5%  |
| VCB    | Banking          | 88.0             | 1.5%  | 1.3  | 14,190                  | 3.9                       | 5,274 | 16.7 | 4.0 | 23.8%            | 27.1% |
| BID    | Banking          | 42.2             | 0.5%  | 1.6  | 7,380                   | 1.3                       | 2,109 | 20.0 | 2.6 | 18.0%            | 13.5% |
| CTG    | Banking          | 20.2             | 0.0%  | 1.6  | 3,262                   | 1.2                       | 1,641 | 12.3 | 1.0 | 29.4%            | 8.5%  |
| VPB    | Banking          | 19.2             | -0.3% | 1.2  | 2,009                   | 1.7                       | 3,341 | 5.7  | 1.2 | 23.2%            | 22.7% |
| MBB    | Banking          | 20.7             | -1.4% | 1.1  | 2,093                   | 4.3                       | 3,261 | 6.3  | 1.2 | 20.0%            | 21.8% |
| ACB    | Banking          | 22.5             | 0.0%  | 1.1  | 1,621                   | 0.6                       | 3,585 | 6.3  | 1.4 | 30.0%            | 25.9% |
| BMP    | Plastic          | 46.6             | 0.6%  | 0.8  | 166                     | 0.1                       | 5,073 | 9.2  | 1.5 | 80.5%            | 16.5% |
| NTP    | Plastic          | 32.4             | 0.6%  | 0.2  | 138                     | 0.0                       | 4,603 | 7.0  | 1.2 | 20.6%            | 17.8% |
| MSR    | Resources        | 13.8             | 0.0%  | 1.3  | 594                     | 0.0                       | 732   | 18.9 | 1.0 | 2.2%             | 5.6%  |
| HPG    | Steel            | 22.8             | 1.1%  | 1.0  | 2,737                   | 5.7                       | 2,526 | 9.0  | 1.4 | 38.1%            | 17.4% |
| HSG    | Steel            | 8.1              | 0.7%  | 1.6  | 150                     | 0.6                       | 890   | 9.1  | 0.6 | 17.6%            | 6.8%  |
| VNM    | Consumer staples | 119.7            | 0.9%  | 0.7  | 9,063                   | 8.2                       | 5,527 | 21.7 | 7.6 | 58.5%            | 36.5% |
| SAB    | Consumer staples | 233.0            | 0.0%  | 0.8  | 6,496                   | 0.1                       | 7,365 | 31.6 | 8.4 | 63.3%            | 28.4% |
| MSN    | Consumer staples | 55.6             | -1.4% | 1.2  | 2,826                   | 2.0                       | 4,512 | 12.3 | 1.9 | 39.1%            | 20.5% |
| SBT    | Consumer staples | 18.0             | -1.4% | 0.6  | 459                     | 1.1                       | 440   | 41.0 | 1.5 | 6.1%             | 3.5%  |
| ACV    | Transport        | 75.1             | 0.1%  | 0.8  | 7,108                   | 0.1                       | 2,630 | 28.6 | 5.3 | 3.7%             | 19.7% |
| VJC    | Transport        | 142.6            | -0.1% | 1.1  | 3,248                   | 2.8                       | 9,850 | 14.5 | 5.5 | 19.7%            | 43.3% |
| HVN    | Transport        | 34.2             | 2.7%  | 1.7  | 2,109                   |                           | 1,747 | 19.6 | 2.7 | 10.1%            | 13.4% |
| GMD    | Transport        | 23.8             | 1.1%  | 0.8  | 307                     |                           | 1,949 | 12.2 | 1.1 | 49.0%            | 9.7%  |
| PVT    | Transport        | 16.6             | 0.0%  | 0.6  | 203                     |                           | 2,571 | 6.5  | 1.1 | 31.7%            | 18.2% |
| VCS    | Materials        | 82.2             | -1.0% | 1.0  | 572                     |                           | 8,338 | 9.9  | 4.2 | 2.2%             | 45.8% |
| VGC    | Materials        | 18.1             | -0.3% | 0.7  | 352                     |                           | 1,398 | 12.9 | 1.3 | 13.4%            | 10.1% |
| HT1    | Materials        | 15.0             | -0.3% | 0.8  | 248                     |                           | 1,912 | 7.8  | 1.0 | 6.5%             | 13.8% |
| CTD    | Construction     | 61.0             | -1.1% | 0.8  | 202                     |                           | 9,842 | 6.2  | 0.6 | 47.8%            | 9.3%  |
| VCG    | Construction     | 26.9             | 0.0%  | 1.0  | 517                     |                           | 1,557 | 17.3 | 1.8 | 0.5%             | 10.4% |
| CII    | Construction     | 22.5             | -0.9% | 0.4  | 242                     |                           | 1,845 | 12.2 | 1.0 | 50.9%            | 8.8%  |
| POW    | Electricity      | 12.5             | 0.8%  | 0.6  | 1,268                   |                           | 820   | 15.2 | 1.2 | 13.9%            | 7.8%  |
| NT2    | Electricity      | 22.3             | 0.5%  | 0.6  | 279                     | 0.2                       | 2,721 | 8.2  | 1.5 | 18.7%            | 20.0% |

Vietnam Daily Review



**Market statistics** 

Top 5 leaders on the HSX

| 10001  | Jaaoi o oii | 110 1107 |          |           |
|--------|-------------|----------|----------|-----------|
| Ticker | Price       | % Chg    | Index pt | Volume    |
| VCB    | 88.00       | 1.50     | 1.41     | 1.01MLN   |
| VNM    | 119.70      | 0.93     | 0.56     | 1.58MLN   |
| HVN    | 34.20       | 2.70     | 0.37     | 219280.00 |
| VRE    | 32.40       | 1.41     | 0.31     | 1.77MLN   |
| BID    | 42.20       | 0.48     | 0.24     | 702550.00 |

| Ticker | Price | % Chg | Index pt | Volume    |
|--------|-------|-------|----------|-----------|
| TCB    | 22.35 | -1.54 | -0.36    | 1.75MLN   |
| BVH    | 71.50 | -2.05 | -0.31    | 193310.00 |
| MSN    | 55.60 | -1.42 | -0.27    | 831960.00 |
| MBB    | 20.70 | -1.43 | -0.21    | 4.78MLN   |
| TCH    | 28.05 | -4 92 | -0.15    | 1 13MLN   |

Top 5 gainers on the HSX

| Ticker | Price | % Chg | Index pt | Volume    |
|--------|-------|-------|----------|-----------|
| DTA    | 6.05  | 12.23 | 0.00     | 30.00     |
| PGI    | 17.65 | 6.97  | 0.03     | 5140.00   |
| PIT    | 3.10  | 6.90  | 0.00     | 620.00    |
| GAB    | 10.90 | 6.86  | 0.00     | 743320.00 |
| L10    | 14.80 | 6.86  | 0.00     | 12820.00  |

Top 5 losers on the HSX

| Ticker | Price | % Chg | Index pt | Volume   |
|--------|-------|-------|----------|----------|
| HAI    | 3.72  | -7.00 | -0.02    | 12.88MLN |
| PXI    | 2.79  | -7.00 | 0.00     | 28460    |
| VAF    | 8.94  | -6.88 | -0.01    | 10       |
| HQC    | 1.09  | -6.84 | -0.01    | 7.11MLN  |
| AMD    | 2.46  | -6.82 | -0.01    | 9.08MLN  |

Source: Bloomberg, BSC Research

| • • • • • • • • • |                                  |   |  |  |
|-------------------|----------------------------------|---|--|--|
| Price             | % Chg                            | Index pt  | Volume   |  |
| 106.70            | 10.00                            | 0.09  | 500  |  |
| 15.20             | 7.04                             | 0.03  | 48900  |  |
| 15.50             | 4.03                             | 0.03  | 951500   |  |
| 8.00              | 8.11                             | 0.03  | 18000  |  |
| 17.90             | 0.56                             | 0.03  | 634200   |  |
|                   | 106.70<br>15.20<br>15.50<br>8.00 | 106.70 10.00<br>15.20 7.04<br>15.50 4.03<br>8.00 8.11 | 106.70     10.00     0.09       15.20     7.04     0.03       15.50     4.03     0.03       8.00     8.11     0.03 |  |

| Ticker | Price | % Chg | Index pt | Volume |
|--------|-------|-------|----------|--------|
| NVB    | 9.60  | -1.03 | -0.04    | 228300 |
| VCS    | 82.20 | -0.96 | -0.03    | 73300  |
| CSC    | 34.90 | -9.82 | -0.02    | 71800  |
| TIG    | 6.30  | -3.08 | -0.02    | 549700 |
| SHN    | 9.20  | -1.08 | -0.01    | 64800  |

Top 5 gainers on the HSX

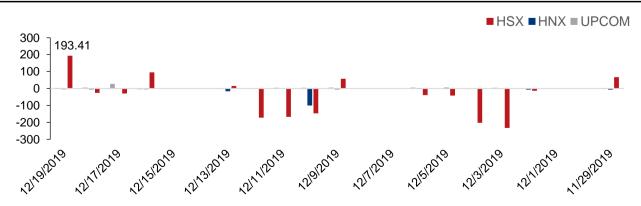
Top 5 leaders on HNX

|        | <u> </u> |       |          |        |
|--------|----------|-------|----------|--------|
| Ticker | Price    | % Chg | Index pt | Volume |
| NHP    | 0.50     | 25.00 | 0.00     | 500    |
| HKB    | 0.60     | 20.00 | 0.01     | 50500  |
| HHC    | 106.70   | 10.00 | 0.09     | 500    |
| MPT    | 2.20     | 10.00 | 0.00     | 427000 |
| VIG    | 1.10     | 10.00 | 0.00     | 70400  |

Top 5 losers on the HNX

| Ticker | Price | % Chg  | Index pt | Volume |  |
|--------|-------|--------|----------|--------|--|
| LUT    | 2.70  | -10.00 | 0.00     | 100    |  |
| CSC    | 34.90 | -9.82  | -0.02    | 71800  |  |
| BPC    | 10.20 | -9.73  | 0.00     | 2200   |  |
| MST    | 4.70  | -9.62  | -0.01    | 706900 |  |
| S74    | 4.70  | -9.62  | 0.00     | 1000   |  |

Exhibit 3 Foreign transaction



Source: HSX, HNX, BSC Research

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## Disclosure

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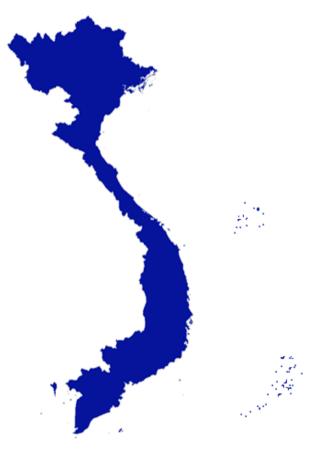
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