



Mon, December 9, 2019

## Vietnam Daily Review

The market increased slightly

### BSC's Forecast on the stock market

|                      | Negative | Neutral | Positive |
|----------------------|----------|---------|----------|
| Day 10/12/2019       |          | •       |          |
| Week 9/12-13/12/2019 |          | •       |          |
| Month 12/2019        |          | •       |          |

### Market outlook

With the pull from blue-chips like GAS, VCB, SAB, VNM, HPG, and VN-Index gained well in the morning. In the afternoon, before the selling increased, the index sometimes dropped to below reference level. However, GAS, VNM, and SAB stood still and helped Index stay in green. The market continued to recover in a state of tension and indecision when the domestic and foreign macro signals were not really clear. In this context, the price range of 950-983 points will still be the main movement area of the index.

**Future contracts:** All future contracts decreased following VN30. Investors should prioritize selling with target price around 875 points for long-term contracts.

**Covered warrants:** In the trading session on December 09, 2019, majority of covered warrants increased following underlying securities. Trading volume increased strongly.

### Technical analysis: DPM\_Rebound

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

### Highlights

- VN-Index **+2.50 points**, closed at 966.06. HNX-Index **-0.14 points**, closed at 102.36.
- Pulling up the index: **GAS (+1.02)**; **VNM (+0.93)**; **SAB (+0.53)**; **VRE (+0.41)**; **BID (+0.41)**.
- Pulling the index down: **MSN (-0.66)**; **TCB (-0.35)**; **MBB (-0.27)**; **HVN (-0.20)**; **CTG (-0.16)**.
- The matched value of VN-Index reached **VND 3,054 billion**, **+9.7%** compared to the previous session.
- The trading band is 4.98 points. The market has 187 gainers, 49 reference codes and 150 losers.
- Foreign investors' net buying value: **57.76 billion dong** on HOSE, including ROS (39.59 billion), HPG (34.97 billion) and VCB (14.67 billion). Foreigners were net sellers on the HNX with a value of **5.02 billion**.

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**VN-INDEX** **966.06**  
Value: 2781.99 bil **2.5 (0.26%)**  
Foreigners (net): VND 57.76 bil

**HNX-INDEX** **102.36**  
Value: 219.35 bil **-0.14 (-0.14%)**  
Foreigners (net): VND -5.02 bil

**UPCOM-INDEX** **55.79**  
Value: 157.72 bil **-0.13 (-0.23%)**  
Foreigners (net): VND 5.58 bil

### Macro indicators

|                        | Value  | % Chg  |
|------------------------|--------|--------|
| Crude oil              | 58.7   | -0.79% |
| Gold                   | 1,463  | 0.21%  |
| USDVND                 | 23,170 | -0.03% |
| EURVND                 | 25,614 | -0.44% |
| JPYVND                 | 21,366 | 0.11%  |
| 1-month Interbank rate | 4.3%   | 7.05%  |
| 5yr VN Treasury Yield  | 2.1%   | 2.00%  |

Source: Bloomberg, BSC Research

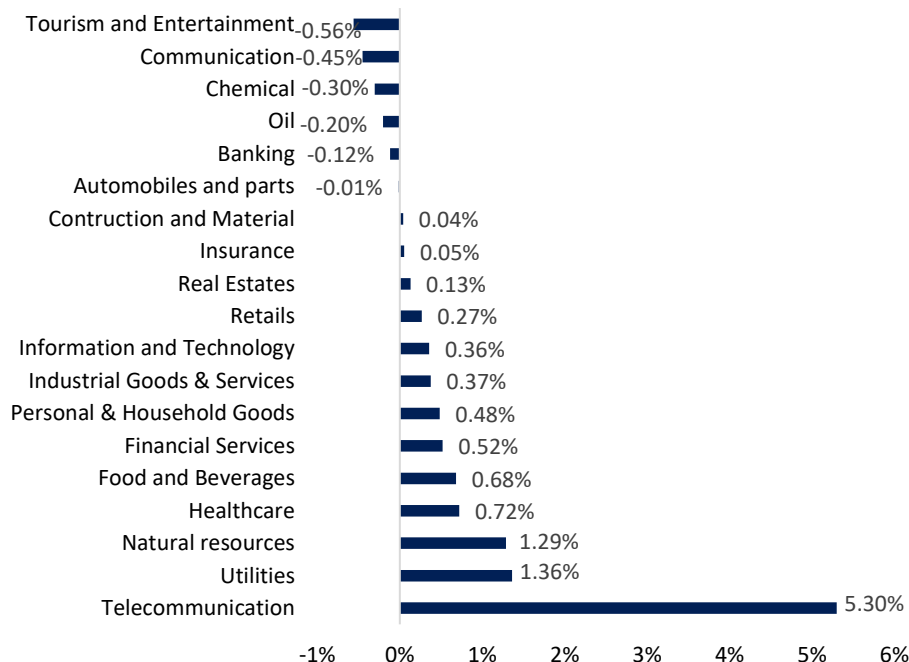
### Top Foreign trading stocks

| Top Buy | Value | Top Sell | Value |
|---------|-------|----------|-------|
| ROS     | 37.7  | MSN      | 33.0  |
| HPG     | 35.0  | VHM      | 19.2  |
| VRE     | 14.7  | PVD      | 10.4  |
| VCB     | 14.7  | DBC      | 9.8   |
| VNM     | 11.9  | KBC      | 9.2   |

Source: Bloomberg, BSC Research

|                    |        |
|--------------------|--------|
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| Technical Analysis | Page 2 |
| Derivative Market  | Page 3 |
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## Noticable sectors

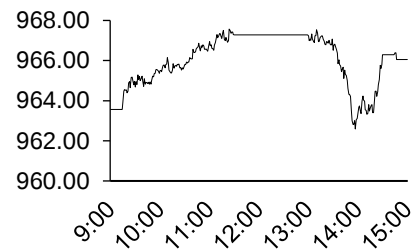


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Exhibit 1

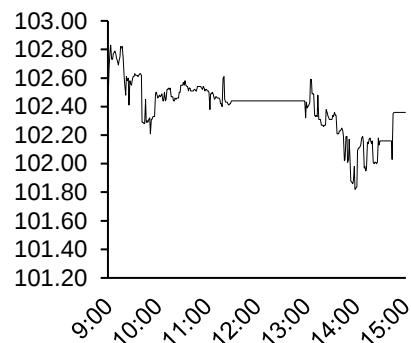
### HSX-Index Intraday



Source: Bloomberg, BSC Research

Exhibit 2

### HNX-Index Intraday



Source: Bloomberg, BSC Research

## Technical Analysis

### DPM Rebound

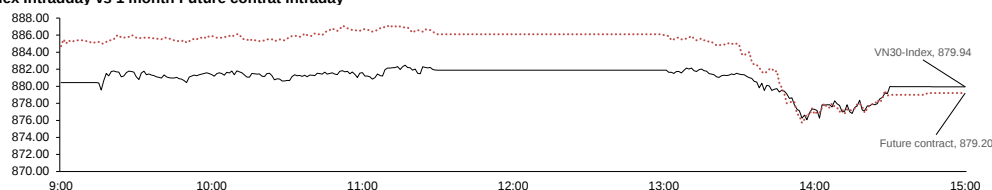
#### Technical highlights:

- Current trend: Short-term downtrend.
- MACD trend indicator: appear Golden Cross.
- RSI indicator: cross over the 50 mark.
- MAS line: EMA12 is below EMA26.

**Outlook:** DPM is showing signs of recovering after falling from the resistance level of 15.5 to the price base 13. Stock liquidity remains stable. Today, the MACD has appeared Golden Cross, indicating that this stock may increase in short term. Besides, the RSI oscillator also surpassed the level of 50, so the recovering trend might maintain for a few more days. However, EMA12 is still below EMA26 so selling pressure will exist when the stock approaches the upper resistance levels. In our opinion, we expected that the current rally will bring DPM back to the 14.5 zone.



## Future contracts market

Chart 3  
VN30-Index Intraday vs 1 month Future contract Intraday

Source: Bloomberg, BSC Research

Table 3

| Future contracts |        |         |            |        |             |             |                |
|------------------|--------|---------|------------|--------|-------------|-------------|----------------|
| Ticker           | Close  | ± Daily | Difference | %      | Trading vol | Time to Exp | Remaining Days |
| VN30F1912        | 879.20 | -0.62%  | -0.74      | -3.4%  | 65,351      | 12/19/2019  | 12             |
| VN30F2001        | 881.50 | -0.64%  | 1.56       | 24.7%  | 237         | 1/16/2020   | 40             |
| VN30F2003        | 884.50 | -0.51%  | 4.56       | 156.7% | 77          | 3/19/2020   | 103            |
| VN30F2006        | 887.50 | -0.77%  | 7.56       | 88.0%  | 47          | 6/18/2020   | 194            |

Source: Bloomberg, BSC Research

## Outlook:

• VN30 Index decreased slightly -0.49 points to 879.94 points. Key stocks such as VNM, HPG, MSN and TCB strongly impacted the accumulation of VN30. VN30 accumulated around price range of 881-882 points in the morning session. In the afternoon session, VN30 recovered to below reference level after declining to around 876 points. Liquidity maintained at a moderate level, VN30 might continue to accumulate around price range of 880-895 points in coming sessions.

• All future contracts decreased following VN30. In terms of trading volume, all future contracts decreased. In term of open interest position, except for VN30F2006, all future contracts decreased. This reflected expectation for downward correction in long-term. Investors should prioritize selling with target price around 875 points for long-term contracts.

Table 1

| Top leaders VN30 |        |             |          |
|------------------|--------|-------------|----------|
| Ticker           | Price  | ± Daily (%) | Index pt |
| VNM              | 118.10 | 1.55        | 1.25     |
| HPG              | 24.20  | 1.47        | 0.80     |
| VRE              | 35.20  | 1.73        | 0.39     |
| SAB              | 235.80 | 1.20        | 0.27     |
| GAS              | 99.80  | 1.84        | 0.24     |

Source: Bloomberg, BSC Research

Table 2

| Top Laggards VN30 |       |             |          |
|-------------------|-------|-------------|----------|
| Ticker            | Price | ± Daily (%) | Index pt |
| MSN               | 60.5  | -3.20       | -1.29    |
| TCB               | 22.8  | -1.51       | -1.10    |
| MBB               | 21.5  | -1.83       | -0.76    |
| VPB               | 19.4  | -1.02       | -0.47    |
| EIB               | 16.8  | -0.88       | -0.22    |

Source: Bloomberg, BSC Research

## Covered warrant market

| Ticker   | Issuer | Expiration date | Remains days | CR  | Volume    | % +/- Daily | Annualized sigma | Issuance price | Trading price | % +/- Daily | Theoretical price * | Price/Value |
|----------|--------|-----------------|--------------|-----|-----------|-------------|------------------|----------------|---------------|-------------|---------------------|-------------|
| CDPM1901 | KIS    | 1/9/2020        | 31           | 1:1 | 123,660   | -19.7%      | 27.22%           | 1,900          | 890           | 14.10%      | 150.60              | 5.91        |
| CHPG1905 | SSI    | 12/30/2019      | 21           | 1:1 | 476,610   | 13.3%       | 24.14%           | 3,300          | 1,490         | 13.74%      | 1,090.00            | 1.37        |
| CHPG1908 | MBS    | 1/22/2020       | 44           | 2:1 | 85,440    | 103.0%      | 24.14%           | 1,450          | 2,150         | 8.59%       | 1,752.00            | 1.23        |
| CREE1902 | SSI    | 1/22/2020       | 44           | 1:1 | 46,890    | 157.9%      | 23.17%           | 5,600          | 3,020         | 7.86%       | 1,280.60            | 2.36        |
| CHPG1907 | SSI    | 4/22/2020       | 135          | 1:1 | 107,590   | 10.5%       | 24.14%           | 4,200          | 5,060         | 6.75%       | 3,525.30            | 1.44        |
| CMWG1902 | VND    | 12/11/2019      | 2            | 4:1 | 128,860   | 14.4%       | 21.64%           | 2,990          | 5,080         | 5.83%       | 5,214.60            | 0.97        |
| CVRE1902 | HSC    | 4/8/2020        | 121          | 4:1 | 135,520   | 513.5%      | 23.45%           | 1,300          | 1,550         | 4.73%       | 838.80              | 1.85        |
| CFPT1905 | SSI    | 4/22/2020       | 135          | 1:1 | 25,020    | -3.5%       | 20.56%           | 9,900          | 6,490         | 4.68%       | 3,316.00            | 1.96        |
| CVNM1903 | SSI    | 4/22/2020       | 135          | 1:1 | 13,180    | 3.2%        | 17.94%           | 26,600         | 15,750        | 4.65%       | 4,516.50            | 3.49        |
| CFPT1903 | SSI    | 12/30/2019      | 21           | 1:1 | 15,030    | -58.2%      | 20.56%           | 6,000          | 10,690        | 2.30%       | 10,005.80           | 1.07        |
| CFPT1907 | VND    | 1/9/2020        | 31           | 2:1 | 92,530    | 378.2%      | 20.56%           | 4,200          | 1,960         | 2.08%       | 1,385.20            | 1.41        |
| CREE1904 | VND    | 1/9/2020        | 31           | 2:1 | 205,740   | 1526.4%     | 23.17%           | 3,400          | 1,550         | 1.97%       | 1,199.40            | 1.29        |
| CVHM1902 | SSI    | 4/22/2020       | 135          | 1:1 | 16,160    | -7.1%       | 23.23%           | 18,600         | 16,200        | 1.25%       | 10,182.50           | 1.59        |
| CMWG1903 | HSC    | 12/30/2019      | 21           | 5:1 | 41,480    | -29.8%      | 21.64%           | 2,700          | 3,370         | 0.90%       | 3,209.80            | 1.05        |
| CMWG1904 | SSI    | 12/30/2019      | 21           | 1:1 | 11,810    | -57.9%      | 21.64%           | 14,000         | 21,130        | 0.86%       | 21,080.80           | 1.00        |
| CVIC1902 | SSI    | 4/22/2020       | 135          | 1:1 | 11,480    | -1.0%       | 17.25%           | 22,700         | 16,430        | -1.44%      | 6,300.00            | 2.61        |
| CVJC1902 | SSI    | 4/22/2020       | 135          | 1:1 | 11,700    | -27.2%      | 14.30%           | 27,900         | 27,160        | -3.69%      | 17,151.00           | 1.58        |
| CMBB1905 | HSC    | 4/8/2020        | 121          | 2:1 | 196,020   | 3.8%        | 16.25%           | 1,700          | 1,000         | -8.26%      | 273.50              | 3.66        |
| CMBB1903 | SSI    | 4/22/2020       | 135          | 1:1 | 76,420    | 86.3%       | 16.25%           | 4,000          | 2,450         | -9.59%      | 1,036.40            | 2.36        |
| CMBB1902 | HSC    | 12/17/2019      | 8            | 1:1 | 105,330   | 249.8%      | 16.25%           | 3,200          | 1,600         | -20.00%     | 300.70              | 5.32        |
| CHPG1902 | KIS    | 12/11/2019      | 2            | 5:1 | 3,765,980 | 144.7%      | 0.00%            | 1,000          | 10            | -50.00%     | -                   | -           |
| CMWG1906 | MBS    | 12/16/2019      | 7            | 5:1 | 718,790   | 245.9%      | 21.64%           | 2,850          | 50            | -50.00%     | 2.70                | 18.52       |

Total: 6,411,240 19.96%\*\*

Notes: \* Theoretical price is calculated according to Black-Scholes Model, \*\*Average annualized sigma

CR: Conversion rate

Risk free rate is 4.75%

## Outlook:

• In the trading session on December 09, 2019, majority of covered warrants increased following underlying securities. Trading volume increased strongly.

• In term of price, CMWG1906 and CHPG1902 both decreased the most at 50.0%. In contrast, CDPM1901 và CHPG1905 increased the most at 14.10% and 13.74% respectively. Market liquidity increased 137.10%. CVNM1901 had most trading volume accounting for 42.99% of the market.

• Except those with underlying securities being FPT, HPG and VJC, majority of other covered warrants have market prices much higher than the theoretical prices. CMWG1904 and CVJC1902 were the most positive in term of money position. CMWG1903 and CMWG1905 are most positive in term of profitability.

| Ticker   | Break-even price | Exercise price | Underlying stock price |
|----------|------------------|----------------|------------------------|
| CDPM1901 | 15,888           | 13,988         | 13,400                 |
| CHPG1905 | 93,300           | 23,100         | 24,200                 |
| CHPG1908 | 23,400           | 20,500         | 24,200                 |
| CREE1902 | 41,600           | 36,000         | 36,250                 |
| CHPG1907 | 25,200           | 21,000         | 24,200                 |
| CMWG1902 | 92,990           | 90,000         | 110,900                |
| CVRE1902 | 37,700           | 32,500         | 35,200                 |
| CFPT1905 | 64,900           | 55,000         | 55,300                 |
| CVNM1903 | 146,600          | 120,000        | 118,100                |
| CFPT1903 | 51,140           | 45,140         | 55,300                 |
| CFPT1907 | 61,400           | 53,000         | 55,300                 |
| CREE1904 | 40,800           | 34,000         | 36,250                 |
| CVHM1902 | 103,600          | 85,000         | 92,000                 |
| CMWG1903 | 25,800           | 95,000         | 110,900                |
| CMWG1904 | 165,000          | 90,000         | 110,900                |
| CVIC1902 | 137,700          | 115,000        | 115,900                |
| CVJC1902 | 157,900          | 130,000        | 144,500                |
| CMBB1905 | 26,400           | 23,000         | 21,450                 |
| CMBB1903 | 26,000           | 22,000         | 21,450                 |
| CMBB1902 | 23,700           | 21,800         | 21,450                 |
| CHPG1902 | 166,285          | 41,999         | 24,200                 |
| CMWG1906 | 135,150          | 120,900        | 110,900                |

Source: Bloomberg, BSC Research

| Ticker | Sector           | Close<br>(VND k) | % Day | Beta | Market cap<br>(USD Mil) | Liquidity<br>(USD Mil) | EPS   | P/E  | P/B | Foreign<br>owned | ROE   |
|--------|------------------|------------------|-------|------|-------------------------|------------------------|-------|------|-----|------------------|-------|
| MWG    | Retail           | 110.9            | 0.1%  | 0.7  | 2,135                   | 2.5                    | 8,321 | 13.3 | 4.4 | 49.0%            | 37.7% |
| PNJ    | Retail           | 82.2             | 0.0%  | 0.9  | 795                     | 0.8                    | 4,839 | 17.0 | 4.4 | 49.0%            | 28.6% |
| BVH    | Insurance        | 65.7             | -0.2% | 1.3  | 2,002                   | 0.3                    | 1,889 | 34.8 | 2.9 | 25.3%            | 8.7%  |
| PVI    | Insurance        | 31.6             | 0.3%  | 0.7  | 318                     | 0.0                    | 2,801 | 11.3 | 1.1 | 54.3%            | 9.6%  |
| VIC    | Real Estate      | 115.9            | 0.0%  | 1.0  | 16,975                  | 0.9                    | 1,589 | 72.9 | 5.0 | 15.0%            | 7.8%  |
| VRE    | Real Estate      | 35.2             | 1.7%  | 1.1  | 3,564                   | 11.7                   |       | 28.7 | 2.9 | 32.7%            | 8.8%  |
| NVL    | Real Estate      | 56.7             | -0.5% | 0.8  | 2,340                   | 0.7                    | 3,187 | 17.8 | 2.6 | 7.2%             | 15.5% |
| REE    | Real Estate      | 36.3             | 0.7%  | 1.0  | 489                     | 0.9                    | 5,614 | 6.5  | 1.1 | 49.0%            | 18.6% |
| DXG    | Real Estate      | 13.7             | -1.8% | 1.5  | 312                     | 0.6                    | 3,215 | 4.2  | 0.8 | 45.4%            | 25.9% |
| SSI    | Securities       | 19.6             | the   | 1.4  | 433                     | 0.7                    | 1,769 | 11.1 | 1.0 | 55.6%            | 9.4%  |
| VCI    | Securities       | 32.5             | 3.0%  | 1.0  | 232                     | 0.0                    | 5,067 | 6.4  | 1.5 | 37.4%            | 24.7% |
| HCM    | Securities       | 23.7             | -1.0% | 1.5  | 314                     |                        | 1,287 | 18.4 | 1.7 | 57.3%            | 10.2% |
| FPT    | Technology       | 55.3             | 0.5%  | 0.8  | 1,631                   | 1.7                    | 4,688 | 11.8 | 2.8 | 49.0%            | 24.9% |
| FOX    | Technology       | 46.0             | 0.0%  | 0.4  | 497                     | 0.0                    | 4,156 | 11.1 | 2.8 | 0.1%             | 27.7% |
| GAS    | Oil & Gas        | 99.8             | 1.8%  | 1.6  | 8,305                   | 1.1                    | 5,886 | 17.0 | 4.2 | 3.6%             | 26.1% |
| PLX    | Oil & Gas        | 56.3             | -0.2% | 1.5  | 2,915                   | 0.2                    | 3,467 | 16.2 | 3.0 | 13.4%            | 19.5% |
| PVS    | Oil & Gas        | 17.2             | 0.0%  | 1.7  | 357                     | 0.8                    | 2,062 | 8.3  | 0.7 | 21.8%            | 8.5%  |
| BSR    | Oil & Gas        | 9.1              | -1.1% | 0.8  | 1,227                   | 0.3                    | 1,163 | 7.8  | 0.9 | 41.1%            | 11.0% |
| DHG    | Pharmacy         | 95.8             | 2.4%  | 0.5  | 545                     | 0.1                    | 4,535 | 21.1 | 4.0 | 54.4%            | 19.4% |
| DPM    | Fertilizer       | 13.4             | 2.3%  | 0.8  | 228                     | 0.3                    | 650   | 20.6 | 0.7 | 19.0%            | 3.7%  |
| DCM    | Fertilizer       | 6.6              | -2.7% | 0.7  | 152                     | 0.1                    | 625   | 10.6 | 0.6 | 2.5%             | 5.5%  |
| VCB    | Banking          | 85.2             | 0.4%  | 1.3  | 13,739                  | 1.5                    | 5,274 | 16.2 | 3.9 | 23.8%            | 27.1% |
| BID    | Banking          | 40.0             | 0.9%  | 1.6  | 6,995                   | 0.6                    | 2,109 | 19.0 | 2.4 | 17.9%            | 13.5% |
| CTG    | Banking          | 20.2             | -0.7% | 1.6  | 3,262                   | 1.9                    | 1,641 | 12.3 | 1.0 | 29.3%            | 8.5%  |
| VPB    | Banking          | 19.4             | -1.0% | 1.2  | 2,030                   | 0.6                    | 3,341 | 5.8  | 1.2 | 23.2%            | 22.7% |
| MBB    | Banking          | 21.5             | -1.8% | 1.1  | 2,169                   | 3.9                    | 3,261 | 6.6  | 1.3 | 20.0%            | 21.8% |
| ACB    | Banking          | 22.9             | -0.4% | 1.1  | 1,649                   | 0.8                    | 3,585 | 6.4  | 1.5 | 30.0%            | 25.9% |
| BMP    | Plastic          | 47.0             | -2.8% | 0.8  | 167                     | 0.4                    | 5,073 | 9.3  | 1.5 | 80.5%            | 16.5% |
| NTP    | Plastic          | 31.4             | 0.0%  | 0.2  | 134                     | 0.0                    | 4,603 | 6.8  | 1.1 | 20.6%            | 17.8% |
| MSR    | Resources        | 14.4             | 0.0%  | 1.3  | 619                     | 0.0                    | 732   | 19.7 | 1.1 | 2.0%             | 5.6%  |
| HPG    | Steel            | 24.2             | 1.5%  | 1.0  | 2,905                   | 8.3                    | 2,526 | 9.6  | 1.5 | 37.9%            | 17.4% |
| HSG    | Steel            | 8.4              | 4.6%  | 1.6  | 155                     | 2.9                    | 890   | 9.4  | 0.7 | 17.4%            | 6.8%  |
| VNM    | Consumer staples | 118.1            | 1.5%  | 0.7  | 8,942                   | 3.9                    | 5,527 | 21.4 | 7.5 | 58.6%            | 36.5% |
| SAB    | Consumer staples | 235.8            | 1.2%  | 0.8  | 6,575                   | 0.4                    | 7,365 | 32.0 | 8.5 | 63.4%            | 28.4% |
| MSN    | Consumer staples | 60.5             | -3.2% | 1.3  | 3,075                   | 3.8                    | 4,512 | 13.4 | 2.1 | 39.9%            | 20.5% |
| SBT    | Consumer staples | 18.7             | 0.0%  | 0.6  | 476                     | 0.9                    | 440   | 42.4 | 1.5 | 6.1%             | 3.5%  |
| ACV    | Transport        | 76.0             | 0.7%  | 0.8  | 7,194                   | 0.1                    | 2,630 | 28.9 | 5.4 | 3.7%             | 19.7% |
| VJC    | Transport        | 144.5            | 0.1%  | 1.1  | 3,291                   | 2.2                    | 9,850 | 14.7 | 5.6 | 19.7%            | 43.3% |
| HVN    | Transport        | 34.7             | -1.4% | 1.7  | 2,137                   | 0.3                    | 1,747 | 19.8 | 2.7 | 10.0%            | 13.4% |
| GMD    | Transport        | 23.0             | 0.9%  | 0.8  | 297                     | 0.3                    | 1,949 | 11.8 | 1.1 | 49.0%            | 9.7%  |
| PVT    | Transport        | 16.5             | -2.4% | 0.6  | 202                     | 0.4                    | 2,571 | 6.4  | 1.1 | 32.0%            | 18.2% |
| VCS    | Materials        | 79.5             | 2.1%  | 1.0  | 553                     | 0.5                    | 8,338 | 9.5  | 4.0 | 2.1%             | 45.8% |
| VGC    | Materials        | 18.4             | -0.3% | 0.7  | 358                     | 0.1                    | 1,398 | 13.1 | 1.3 | 13.4%            | 10.1% |
| HT1    | Materials        | 15.3             | 3.0%  | 0.8  | 253                     | 0.2                    | 1,912 | 8.0  | 1.0 | 6.4%             | 13.8% |
| CTD    | Construction     | 64.4             | -1.5% | 0.7  | 214                     | 0.2                    | 9,842 | 6.5  | 0.6 | 47.8%            | 9.3%  |
| VCG    | Construction     | 27.1             | 0.0%  | 1.0  | 520                     | 0.1                    | 1,557 | 17.4 | 1.8 | 0.5%             | 10.4% |
| CII    | Construction     | 23.1             | 0.4%  | 0.4  | 249                     | 0.3                    | 1,845 | 12.5 | 1.1 | 51.3%            | 8.8%  |
| POW    | Electricity      | 12.6             | -0.4% | 0.6  | 1,283                   | 0.4                    | 820   | 15.4 | 1.2 | 13.9%            | 7.8%  |
| NT2    | Electricity      | 22.6             | 0.4%  | 0.6  | 283                     | 0.3                    | 2,721 | 8.3  | 1.5 | 19.1%            | 20.0% |

## Market statistics

### Top 5 leaders on the HSX

| Ticker | Price  | % Chg | Index pt | Volume    |
|--------|--------|-------|----------|-----------|
| GAS    | 99.80  | 1.84  | 1.01     | 255030.00 |
| VNM    | 118.10 | 1.55  | 0.92     | 766050.00 |
| SAB    | 235.80 | 1.20  | 0.52     | 38170.00  |
| BID    | 40.00  | 0.88  | 0.41     | 358570.00 |
| VRE    | 35.20  | 1.73  | 0.41     | 7.70MLN   |

| Ticker | Price | % Chg | Index pt | Volume    |
|--------|-------|-------|----------|-----------|
| MSN    | 60.50 | -3.20 | -0.68    | 1.42MLN   |
| TCB    | 22.80 | -1.51 | -0.36    | 799820.00 |
| MBB    | 21.45 | -1.83 | -0.27    | 4.16MLN   |
| HVN    | 34.65 | -1.42 | -0.21    | 226580.00 |
| CTG    | 20.15 | -0.74 | -0.16    | 2.20MLN   |

### Top 5 gainers on the HSX

| Ticker | Price | % Chg | Index pt | Volume  |
|--------|-------|-------|----------|---------|
| CIG    | 2.14  | 7.00  | 0.00     | 2110.00 |
| TPC    | 10.70 | 7.00  | 0.01     | 10.00   |
| HAI    | 3.07  | 6.97  | 0.01     | 3.92MLN |
| FIT    | 6.45  | 6.97  | 0.03     | 1.94MLN |
| L10    | 16.15 | 6.95  | 0.00     | 20.00   |

### Top 5 losers on the HSX

| Ticker | Price | % Chg | Index pt | Volume |
|--------|-------|-------|----------|--------|
| SJD    | 18.55 | -9.29 | -0.04    | 61040  |
| ABT    | 32.55 | -7.00 | -0.01    | 680    |
| TCO    | 12.05 | -6.95 | -0.01    | 10     |
| SFC    | 21.60 | -6.90 | -0.01    | 3290   |
| SRF    | 13.50 | -6.90 | -0.01    | 170    |

Source: Bloomberg, BSC Research

### Top 5 leaders on HNX

| Ticker | Price | % Chg | Index pt | Volume  |
|--------|-------|-------|----------|---------|
| NVB    | 9.20  | 2.22  | 0.08     | 4.37MLN |
| VCS    | 79.50 | 2.05  | 0.05     | 145300  |
| L14    | 67.50 | 4.65  | 0.04     | 76400   |
| VNR    | 18.10 | 6.47  | 0.02     | 1100    |
| SHS    | 7.80  | 1.30  | 0.01     | 263300  |

| Ticker | Price | % Chg | Index pt | Volume |
|--------|-------|-------|----------|--------|
| ACB    | 22.90 | -0.43 | -0.17    | 814000 |
| DGC    | 28.60 | -3.70 | -0.08    | 410200 |
| MBG    | 29.80 | -9.97 | -0.07    | 352300 |
| KLF    | 1.40  | -6.67 | -0.02    | 498200 |
| SJE    | 18.90 | -4.55 | -0.01    | 100    |

### Top 5 gainers on the HNX

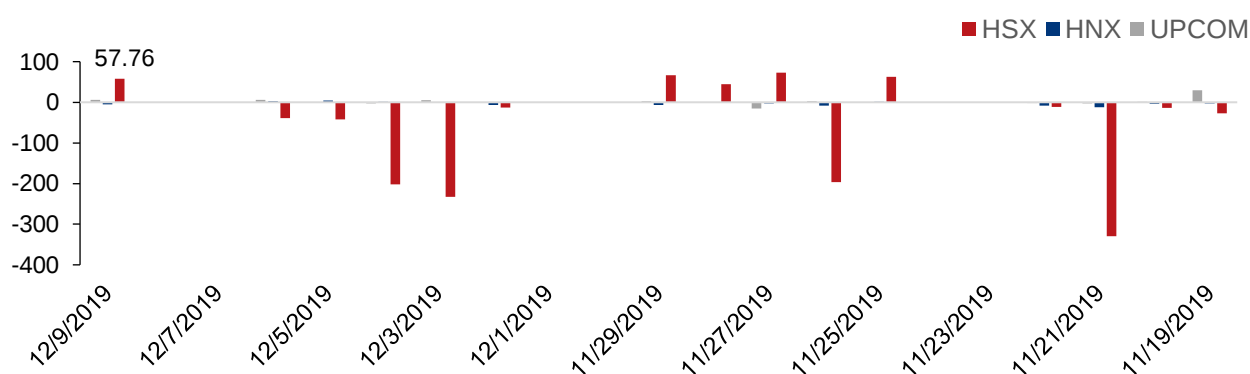
| Ticker | Price | % Chg | Index pt | Volume |
|--------|-------|-------|----------|--------|
| HKB    | 0.60  | 20.00 | 0.01     | 200    |
| BII    | 1.00  | 11.11 | 0.00     | 166300 |
| SPI    | 1.00  | 11.11 | 0.00     | 106500 |
| KSD    | 6.60  | 10.00 | 0.00     | 100    |
| MCO    | 2.20  | 10.00 | 0.00     | 39400  |

### Top 5 losers on the HNX

| Ticker | Price | % Chg  | Index pt | Volume |
|--------|-------|--------|----------|--------|
| DST    | 0.90  | -10.00 | 0.00     | 104600 |
| MBG    | 29.80 | -9.97  | -0.07    | 352300 |
| SGD    | 9.10  | -9.90  | 0.00     | 1500   |
| PPP    | 15.50 | -9.88  | -0.01    | 800    |
| VHE    | 6.50  | -9.72  | 0.00     | 15700  |

Exhibit 3

### Foreign transaction



Source: HSX, HNX, BSC Research

## Disclosure

*The information, statements, forecasts and projections contained herein, including any expression of opinion, are based upon sources believed to be reliable but their accuracy completeness or correctness are not guaranteed. Expressions of opinion herein were arrived at after due and careful consideration and they were based upon the best information then known to us, and in our opinion are fair and reasonable in the circumstances prevailing at the time. Expressions of opinion contained herein are subject to change without notice. This document is not, and should not be construed as, an offer or the solicitation of an offer to buy or sell any securities. BSC and other companies in the BSC and/or their officers, directors and employees may have positions and may affect transactions in securities of companies mentioned herein and may also perform or seek to perform investment banking services for these companies. This document is for private circulation only and is not for publication in the press or elsewhere. BSC accepts no liability whatsoever for any direct or consequential loss arising from any use of this or its content. The use of any information, statements forecasts and projections contained herein shall be at the sole discretion and risk of the user. No part of this material may be (i) copied, photocopied or duplicated in any form by any mean or (ii) redistributed without the prior written consent of BIDV Securities Company (BSC).*

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