

Vietnam Daily Review VN-INDEX WENT SIDEWAYS

Tuesday, 13 August 2024

STOCK MARKET

The VN-Index was virtually unchanged in today's trading session, closing at 1,230.42 points. Market breadth leaned negative, with 12 out of 18 sectors declining. The Basic Materials sector led the decline, followed by Utilities, Financial Services, and others. Regarding foreign trading activity, foreign investors were net buyers on the HOSE but were net sellers on the HNX. In the coming sessions, the market needs a decisive candle with supportive liquidity to break out of the 1,230 level and confirm a short-term recovery towards 1,255. Additionally, an important update today is that the MSCI Frontier Market Index has added 7 new stocks and removed 4. Among the new additions, two Vietnamese stocks—BWE and NAB—have been included.

FUTURES CONTRACTS

Futures contracts all decreased according to the movement of VN30.

COVERED WARRANTS

During the trading session on 13/08/2024, warrants fluctuated according to the struggling movement of the underlying stocks.

BSC30, BSC50 PERFORMANCE

- VN-Index +0.14 points, closing at 1230.42 points. HNX-Index -0.59 points, closing at 230.18 points.
- Pulling the index up: VCB (+2.36), VNM (+0.41), NAB (+0.36), HDB (+0.29), HVN (+0.28).
- Pulling the index down: HPG (-0.69), GAS (-0.55), TCB (-0.43), SSB (-0.27), ACB (-0.22).
- The matched trade value of VN-Index reached VND 11,631 billion, decreased -3.24% compared to the previous session. The total transaction value reached VND 13,056 billion.
- The trading range is 8.54 points. The market had 162 gainers, 88 remaining unchanged, 234 losers.
- Foreign investors' net buying value: VND 321.40 billion on HOSE, including HDB (VND 378.03 billion), VNM (VND 151.79 billion), FPT (VND 77.01 billion), CTG (VND 52.73 billion), MWG (VND 47.76 billion). Foreign investors were net sellers on HNX with the value of VND -5.58 billion.

BSC30, BSC50 PERFORMANCE

- BSC30 -0.40%. Positive stocks: VCB (+1.94%), VNM (+1.10%), CTG (+0.47%).
- BSC50 -0.20%. Positive stocks: CSV (+6.92%), PDR (+3.71%), HDB (+1.57%).

Indices' performances

	BSC30	BSC50	VN Index	VN30 Index
1 day	-0.40%	-0.20%	0.01%	-0.21%
1 week	2.06%	3.69%	1.65%	1.49%
1 months	-3.03%	-5.48%	-2.79%	-2.72%
3 months	-1.27%	-3.65%	-1.72%	-0.28%

Overview of Vietnam stock market

	VNI	HNX	UPCOM
Closed	1,230.42	230.18	92.79
% 1D	0.01%	-0.26%	-0.23%
TV (bil VND)	11,631	833	856
%1D	-3.24%	-0.76%	34.34%
Foreign (bil VND)	321.40	-5.58	1.72

Foreign transactions (Bil. VND)

Top buy	Value	Top sell	Value
HDB	378.03	HPG	-233.68
VNM	151.79	TCB	-74.92
FPT	77.01	NLG	-34.72
CTG	52.73	VHM	-26.10
MWG	47.76	SSI	-21.36

Overview of global stock markets

		%D	%W
SPX	5,344	0.00%	3.05%
FTSE100	8,210	0.00%	2.29%
Eurostoxx	4,681	-0.02%	2.16%
Shanghai	2,868	0.34%	0.02%
Nikkei	36,205	3.37%	16.50%

Source: Bloomberg

	Close	%
Commodities		
Brent	82	-0.21%
Gold	2,504	1.67%
Exchange rate		
USD/VND	25,290	0.04%
EUR/VND	28,217	0.10%
JPY/VND	175	
Interst rates		
10Y-Gov bond rate	2.77%	-0.01%
1M-interbank rate	4.57%	

Source: BSC Research

Performances of BSC30, BSC50



Source: BSC Research

Contents

Market outlook	Page 1
Future contracts market	Page 2
Market statistics	Page 3
BSC30	Page 4
BSC50	Page 5
Disclaimer	Page 6

BSC Research Bloomberg: RESP BSCV Trang | 1

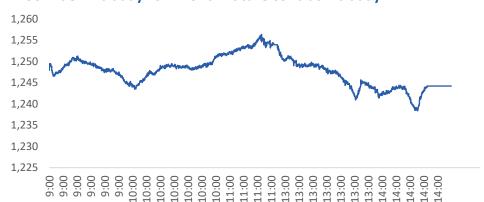


Vietnam Daily Review VN-INDEX WENT SIDEWAYS

Tuesday, 13 August 2024

FUTURE CONTRACTS MARKET

VN30-Index Intraday vs 1 month Future contrat Intraday



Nguyen Giang Anh anhng@bsc.com.vn

Top pulling VN30 up

	Close	± (%)	Index pt
VCB	89.50	1.94%	1.06
HDB	25.95	1.57%	0.88
VNM	73.80	1.10%	0.68
VJC	102.80	1.68%	0.51
CTG	31.85	0.47%	0.12

Source: Bloomberg, BSC Research

Source: BSC Research

Future contracts

Ticker	Close	± Daily (%)	Volume	± Daily (%)	Maturity date	Remain- ing days
VN30F2409	1243.10	-0.79%	665	52.87%	9/19/2024	37
VN30F2412	1239.70	-1.06%	18	-77.8%	12/19/2024	128
VN30F2503	1243.10	-0.78%	23	-30.30%	3/20/2025	219
VN30F2408	1240.10	-0.79%	259664	7.76%	8/15/2024	2
				Source:	FiinproX, BSC	Research

Top pulling VN30 down

	Close	± (%)	Index pt
HPG	25.40	-1.74%	-1.55
TCB	21.00	-1.18%	-1.13
ACB	23.60	-0.84%	-0.79
SSB	21.30	-2.07%	-0.66
SSI	31.70	-0.94%	-0.31

Source: Bloomberg, BSC Research

Outlook:

- VN30 -2.72 points, closing at 1268.72 points. The trading range was 9.30 points. HPG, TCB, ACB, SSB, SSI impacted negatively on VN30.
- VN30 rebounded at the end of the session with market liquidity continuing to be below the MA20 line. The breadth and liquidity have not had a breakthrough, showing the market's struggling trend. It is recommended that investors trade cautiously during the session.
- Futures contracts all decreased according to the movement of VN30. In terms of volume, futures contracts increased, except for VN30F2412, VN30F2503, In terms of OI, futures contracts decreased, except for VN30F2409.

Covered warrant market

	Re	main-		Annuali-	Issuance			Theoriti	Break-	Exercise	
Ticker	Maturity date g		Volume	zed	price*	Price*	% Daily	cal	even	price*	Underlyi
	da	ys		sigma	price			price*	price	price	ng stock
CSTB2334	8/23/2024	10	863,400	1.17%	27.00	830	5.1%	0.76	29.49	29.15	29.15
CVNM2401	5/21/2025	281	140,100	-71.11%	6.60	1,840	2.2%	8.43	21.32	73.80	73.80
CMWG2314	1/9/2025	149	844,500	-64.62%	5.20	1,840	0.5%	6.16	23.60	66.70	66.70
CFPT2317	11/21/2024	100	314,800	-54.05%	10.10	3,300	0.3%	7.98	59.60	129.70	129.70
CMWG2403	3/6/2025	205	13,300	-74.71%	6.45	2,100	0.0%	12.18	16.87	66.70	66.70
CMBB2318	9/23/2024	41	28,000	-66.83%	1.76	1,550	0.0%	5.58	7.83	23.60	23.60
CACB2305	10/9/2024	57	437,500	-74.37%	2.02	800	0.0%	4.28	6.05	23.60	23.60
CVIB2306	8/23/2024	10	44,300	-69.59%	1.61	2,460	0.0%	10.04	6.25	20.55	20.55
CMWG2316	8/23/2024	10	507,700	0.75%	48.00	3,200	0.0%	3.13	67.20	66.70	66.70
CACB2304	9/25/2024	43	121,400	-72.05%	1.93	1,850	0.0%	8.60	6.60	23.60	23.60
CFPT2314	1/9/2025	149	118,500	-50.12%	10.00	5,470	-0.5%	11.99	64.70	129.70	129.70
CMBB2315	1/9/2025	149	182,000	-68.99%	1.96	1,370	-0.7%	5.54	7.32	23.60	23.60
CTCB2310	10/9/2024	57	556,600	-40.24%	3.39	1,180	-0.8%	2.27	12.55	21.00	21.00
CSHB2306	1/6/2025	146	17,600	-71.26%	1.28	870	-1.1%	4.62	3.02	10.50	10.50
CMBB2317	8/21/2024	8	110,800	1.69%	20.00	800	-1.2%	0.72	24.00	23.60	23.60
CTCB2309	9/25/2024	43	33,600	-42.27%	3.39	3,000	-2.6%	6.06	12.12	21.00	21.00
CHPG2342	11/21/2024	100	96,900	-66.00%	2.18	710	-2.7%	2.56	8.64	25.40	25.40
CACB2307	8/21/2024	8	42,600	18.64%	25.00	500	-3.8%	0.01	28.00	23.60	23.60
CVPB2321	8/21/2024	8	280,600	4.96%	18.00	150	-6.3%	0.07	19.05	18.15	18.15
CVIB2307	8/21/2024	8	232,900	6.28%	21.00	210	-34.4%	0.06	21.84	20.55	20.55

Notes:

Table includes covered warrant with the most trading values Risk-free rate is 4.75%

- *: Unit 1,000 VND
- * Theoritical price is calculated according to Black-Scholes Model
- During the trading session on 13/08/2024, warrants fluctuated according to the struggling movement of the underlying stocks.
- CSTB2403 has the best growth, at 15.00%. CMWG2316 has the most transaction value, accounting for 6.43%.
- CACB2307, CVIB2307, CVPB2321, CMBB2317, và CSTB2334 are the most active warrants in terms of return. CVNM2404, CVNM2315, CVNM2403, CMWG2401, và CMWG2404 are the most positive warrants in terms of money position.



MARKET STATISTICS

Top 5 leaders on the HSX

	Close	%	Index pt	Volume (mil)
VCB	89.50	1.94%	2.36	5.59
VNM	73.80	1.10%	0.41	2.09
NAB	16.20	6.93%	0.36	1.32
HDB	25.95	1.57%	0.29	2.91
HVN	20.85	2.46%	0.28	2.21

Top 5 leaders on the HNX

	Close	%	Index pt	Volume (mil)
MBS	26.30	2.33%	0.19	0.44
CEO	14.20	2.16%	0.11	0.51
PTI	32.20	4.89%	0.09	0.08
VNT	38.70	9.94%	0.05	0.02
PVS	39.30	0.26%	0.04	0.48

Top 5 gainers on the HSX

	Close	%	Index pt	Volume (mil)
MSH	47.50	6.98%	0.06	0.50
HHV	10.75	6.97%	0.08	9.46
BMC	21.60	6.93%	0.00	0.44
VRC	8.81	6.92%	0.01	0.15
STG	43.95	6.80%	0.07	0.00

Top 5 gainers on the HNX

	Close	%	Index pt	Volume (mil)
ВРС	14.40	9.92%	0.01	0.03
DTC	8.90	9.88%	0.01	0.00
HTC	5.60	9.80%	0.02	0.06
PIA	23.90	9.63%	0.14	0.00
PCT	34.00	8.97%	0.05	0.00

Figure 1 HSX-Index Intraday

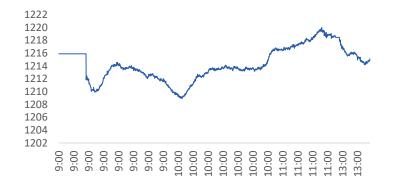
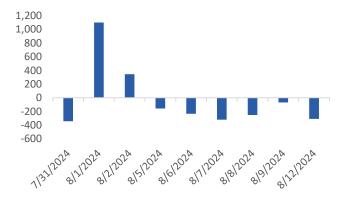


Figure 3
Proprietary trading



Source: FiinProX, BSC Research

Top 5 laggards on the HSX

	Close	%	Index pt	Volume (mil)
HPG	25.40	-1.74%	-0.69	6.40
GAS	81.50	-1.21%	-0.55	2.30
TCB	21.00	-1.18%	-0.43	7.05
SSB	21.30	-2.07%	-0.27	2.50
ACB	23.60	-0.84%	-0.22	4.47

Top 5 laggards on the HNX

	Close	%	Index pt	Volume (mil)
DTK	12.20	-5.43%	-0.33	0.68
KSF	40.10	-1.47%	-0.13	0.30
SHS	15.40	-1.28%	-0.12	0.81
CDN	30.20	-4.43%	-0.10	0.10
VIF	17.00	-1.73%	-0.07	0.35

Top 5 losers on the HSX

	Close	%	Index pt	Volume (mil)
HVN	10.00	-6.98%	-0.01	1.92
HAG	10.75	-6.93%	-0.19	35.41
HHS	8.61	-6.92%	-0.05	3.41
NHA	23.55	-6.92%	-0.02	1.42
DXV	4.59	-6.90%	0.00	0.01

Top 5 losers on the HNX

	Close	%	Index pt	Volume (mil)
DAE	12.80	-9.86%	-0.01	0.00
HMR	21.10	-9.83%	-0.04	0.20
CMS	18.40	-9.80%	-0.17	0.61
TXM	6.50	-9.72%	-0.02	0.04
MCO	12.20	-9.63%	-0.02	0.05

Figure 2 HNX-Index Intraday

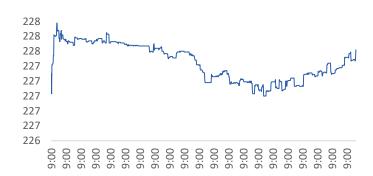
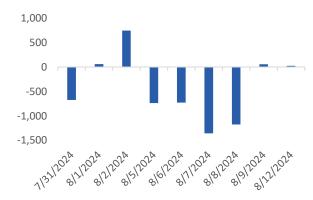


Figure 4
Foreign transactions



Source: FiinProX, BSC Research







BSC30 PORTFOLIO

Stocks	Sector	Close (1,000 VND)	% Day	Beta	MC (Mil USD)	Liquidity (Mil USD)	EPS fw (VND)	P/E fw	TP (VND)	Foreign ownershi- p	Link
VCB	Bank	87.8	0.10%	0.6	19,524	3.7	5,962	14.7	105,000	23.2%	<u>Link</u>
BID	Bank	46.8	0.20%	1.1	10,614	2.5	4,006	11.7	54,578	17.2%	<u>Link</u>
VPB	Bank	18.2	0.80%	1.0	5,729	9.1	1,460	12.4	23,685	26.7%	<u>Link</u>
ТСВ	Bank	21.2	0.70%	1.2	5,956	8.7	3,047	7.0	-	21.8%	<u>Link</u>
MBB	Bank	23.7	1.10%	1.0	5,003	9.6	4,018	5.9	24,400	23.2%	<u>Link</u>
STB	Bank	29.2	1.20%	1.1	2,190	11.3	4,340	6.7	31,200	23.2%	<u>Link</u>
CTG	Bank	31.7	0.60%	1.3	6,773	3.8	3,782	8.4	19,100	26.1%	<u>Link</u>
ACB	Bank	23.8	0.80%	0.8	4,229	4.0	3,676	6.5	42,500	30.0%	<u>Link</u>
SSI	Broker	32.0	2.20%	1.2	1,921	14.1	1,882	17.0	45,900	42.6%	<u>Link</u>
IDC	IP	60.3	0.80%	1.2	792	2.0	5,573	10.8	-	24.1%	<u>Link</u>
HPG	Material	25.8	-0.80%	1.2	6,578	12.9	1,746	14.8	23,300	24.4%	<u>Link</u>
HSG	Material	21.0	0.70%	1.7	515	3.3	1,844	11.4	79,900	20.4%	<u>Link</u>
VHM	RE	36.5	-1.90%	1.0	6,323	12.1	5,326	6.9	38,900	15.7%	<u>Link</u>
KDH	RE	35.7	0.10%	1.3	1,292	1.0	765	46.7	44,100	39.6%	<u>Link</u>
NLG	RE	39.0	-0.10%	1.3	596	1.4	1,102	35.3	46,100	49.4%	<u>Link</u>
DGC	Chemicals	108.6	2.00%	1.5	1,641	10.7	7,849	13.8	85,000	18.9%	<u>Link</u>
DCM	Fertilizer	36.8	1.20%	1.3	774	4.7	2,798	13.1	41,000	8.5%	<u>Link</u>
GAS	O&G	82.5	1.10%	0.6	7,538	6.2	4,760	17.3	36,000	1.9%	<u>Link</u>
PVS	O&G	39.2	1.60%	1.1	745	2.7	1,931	20.3	110,500	21.6%	<u>Link</u>
PVD	O&G	26.8	0.90%	1.3	594	1.9	1,150	23.3	45,000	16.2%	<u>Link</u>
POW	Ultilities	13.6	-1.80%	0.7	1,267	4.4	467	29.1	38,500	4.0%	<u>Link</u>
VHC	Fishery	69.3	0.60%	1.2	619	0.5	3,216	21.5	29,000	29.6%	<u>Link</u>
GMD	Logistics	79.0	2.50%	0.9	976	1.8	3,966	19.9	14,500	48.1%	<u>Link</u>
VNM	Retail	73.0	-0.40%	0.6	6,070	16.9	4,633	15.8	81,700	50.1%	<u>Link</u>
MSN	Retail	75.2	0.00%	1.2	4,526	13.3	466	161.3	27,700	28.5%	<u>Link</u>
MWG	Retail	66.6	1.50%	1.3	3,874	29.2	1,507	44.2	63,800	46.8%	<u>Link</u>
PNJ	Retail	97.0	1.50%	0.9	1,291	2.2	6,133	15.8	83,500	49.0%	<u>Link</u>
DGW	Retail	59.0	1.00%	1.7	392	3.1	2,237	26.4	90,900	24.4%	<u>Link</u>
FPT	Tech	130.0	2.40%	1.0	7,554	32.0	4,889	26.6	57,000	45.2%	<u>Link</u>
CTR	Tech	123.0	0.10%	1.4	560	0.8	4,590	26.8	108,000	10.4%	<u>Link</u>

The BSC30 portfolio includes 30 companies with the largest market capitalization with the largest liquidity on all three Ho Chi Minh Stock Exchange (HOSE), Hanoi Stock Exchange (HNX), and Ho Chi Minh Stock Exchange Decentralized (Upcom). The companies in the BSC30 represent many important economic sectors, including banking, securities, consumer goods, retail, technology, manufacturing, logistics, electricity, and real estate. The stocks in BSC 30 are evaluated and selected by BSC experts based on the criteria of stable business operation, strong finance, effective management, and good competition in the market. Investing in stocks in the BSC30 portfolio is considered a reliable choice for investors who want to invest in Vietnam's stock market. The BSC30 portfolio will be published quarterly by BSC.

Tuesday, 13 August 2024



BSC50 PORTFOLIO

Stocks	Sectors	Close (1,000	% Day	Beta	MC (Mil USD)	Liquidity (Mil USD)	EPS fw (VND)	P/E fw	P/B	Foreign ownershi-	ROE (%)
HDB	Bank	VND) 25.6	0.20%	0.9	2,961	10.0	4,137	6.2	1.5	18.2%	25.4%
VIB	Bank	20.8	-0.50%	1.1	2,099	2.0	3,048	6.8	1.4	20.5%	24.3%
TPB	Bank	17.2	0.90%	1.2	1,511	2.8	2,154	8.0	1.1	28.4%	13.7%
MSB	Bank	14.6	3.50%	1.1	1,162	3.4	2,366	6.2	0.9	29.4%	16.0%
EIB	Bank	18.8	2.70%	0.9	1,306	4.0	1,273	14.8	1.4	2.9%	10.1%
HCM	Broker	25.9	1.80%	1.6	725	5.1	1,397	18.5	1.7	45.1%	8.3%
VCI	Broker	45.9	1.30%	1.7	807	4.5	1,763	26.0	2.3	19.2%	7.1%
VND	Broker	15.0	-0.70%	1.5	912	3.6	1,591	9.5	1.3	12.6%	13.1%
BSI	Broker	48.5	-0.10%	1.8	430	1.2	2,165	22.4	2.0	39.9%	9.0%
SHS	Broker	15.6	2.00%	1.7	505	3.4	1,338	11.7	1.2	9.0%	5.7%
CTD	Const	61.7	0.70%	1.3	245	1.1	2,996	20.6	0.7	47.1%	2.3%
HHV	Const	11.4	4.10%	1.5	195	2.7	860	13.2	0.5	8.2%	4.2%
LCG	Const	10.6	1.90%	1.6	81	1.3	771	13.8	0.8	2.3%	4.6%
SZC	IP	36.0	0.80%	1.2	257	1.1	1,549	23.2	2.2	3.1%	13.4%
SIP	IP	73.3	3.50%	1.4	610	1.9	5,925	12.4	3.4	1.6%	26.9%
PHR	IP	55.7	-0.20%	1.1	300	0.1	3,028	18.4	2.0	18.4%	18.3%
DIG	RE	22.3	-3.70%	1.7	541	30.4	152	147.0	1.8	4.2%	2.1%
CEO	RE	13.9	0.00%	1.3	299	1.3	313	44.4	1.2	4.8%	2.4%
КВС	IP	25.4	0.80%	1.5	776	1.8	295	86.2	1.1	20.4%	11.7%
VGC	IP	42.0	2.70%	1.2	749	2.7	1,776	23.7	2.3	5.1%	12.5%
GVR	IP	33.2	2.20%	1.6	5,284	3.6	704	47.2	2.6	0.5%	6.2%
NKG	Material	21.2	-0.20%	1.7	222	1.6	1,580	13.4	1.0	15.4%	2.3%
BMP	Material	97.0	3.50%	1.1	316	0.5	11,420	8.5	3.0	83.3%	39.1%
IJC	RE	14.0	0.00%	1.5	210	0.6	683	20.4	1.1	4.6%	10.3%
DXG	RE	13.2	-0.40%	1.5	380	1.7	249	53.2	0.9	17.8%	1.1%
VRE	RE	17.4	-0.60%	1.2	1,573	3.4	1,975	8.8	1.0	22.9%	12.4%
PDR	RE	17.5	-1.10%	1.6	608	2.7	557	31.4	1.4	8.0%	7.2%
DIG	RE	22.3	-3.70%	1.7	541	30.4	152	147.0	1.8	4.2%	2.1%
HUT	Const	17.0	0.60%	1.2	604	0.8	64	265.1	1.5	1.5%	0.7%
C4G	Const	9.3	1.10%	1.3	-	0.2	507	18.3	0.9	0.0%	4.9%
CSV	Chemicals	39.8	7.00%	1.9	175	5.6	4,748	8.4	1.2	5.3%	16.1%
DHC	Chemicals	38.0	1.50%	1.2	122	0.2	3,067	12.4	1.6	39.8%	17.2%
DRC	Tyre	33.5	1.70%	0.9	158	0.3	2,510	13.3	2.1	11.9%	13.2%
PC1	Ultilities	28.6	2.30%	1.4	354	2.5	892	32.1	1.7	12.1%	4.1%
HDG	Ultilities	27.1	2.80%	1.4	363	5.1	1,989	13.6	1.5	15.6%	12.9%
GEX	Ultilities	21.5	0.20%	1.7	728	10.3	1,245	17.3	1.4	8.8%	4.1%
QTP	Ultilities	14.8	0.70%	0.6	720	0.1	1,354	10.9	1.2	1.3%	10.8%
	O&G	48.8	1.80%		2,469	7.9		17.0	2.5		10.7%
PLX				1.0	2,409		2,874			17.8%	
BSR	0&G	23.2	0.00%	1.2	- 02	7.1	2,403	9.7	1.3	0.7%	15.6%
PLC	O&G	25.9	1.20%	1.5	83	0.1	728	35.6	1.7	0.3%	8.4%
ANV	Fishery	31.8	0.20%	1.5	168	0.7	262	121.0	1.5	1.1%	1.5%
PTB	Material	64.6	1.40%	0.7	172	0.3	4,903	13.2	1.5	25.0%	10.6%
VSC	Logistics	19.0	1.30%	1.5	201	2.3	713	26.6	1.2	2.5%	6.2%
HAH	Logistics	40.9	1.90%	1.3	198	5.1	2,791	14.7	1.8	9.0%	12.1%
VTP	Logistics	74.2	0.40%	1.6	360	1.3	2,943	25.2	5.6	6.9%	25.6%
DBC	Retail	27.7	1.50%	1.7	356	5.8	979	28.3	1.4	11.9%	0.5%
FRT	Retail	173.8	0.50%	0.8	942	3.1	(414)	-419.4	13.8	36.0%	11.8%
QNS	Retail	47.9	0.60%	0.6	-	0.5	6,676	7.2	1.9	15.0%	27.3%
TNG	Textile	27.5	3.80%	1.2	134	5.0	2,240	12.3	1.7	19.1%	12.5%
PVT	Logistics	28.3	0.70%	1.1	401	1.8	2,802	10.1	1.4	14.0%	14.3%
DPM	Fertilizer	36.0	0.70%	1.3	560	3.9	1,703	21.1	1.2	8.1%	4.2%
REE	Ultilities	68.9	2.80%	1.0	1,291	2.2	3,806	18.1	1.8	49.0%	13.9%

The BSC50 portfolio includes 50 companies selected based on liquidity criteria among the 100 best liquid stocks on all three exchanges. These stocks have a higher beta than BSC30, but are still among the top companies in Banking, Securities, Insurance, Construction, Real Estate, Materials, Logisitic, O&G, F&B, Retail, Industrial Production, and Utilities (Electricity, Water), etc. BSC 50 is evaluated quarterly by BSC experts to ensure that the stocks still meet the given criteria. The BSC50 listing is suitable for bull market periods and has potential for investors looking for short-term trading opportunities.



Vietnam Daily Review VN-INDEX WENT SIDEWAYS

Tuesday, 13 August 2024

DISCLAIMER

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).

BSC Research

Trần Thăng Long

Head of BSC Research

longtt@bsc.com.vn

Macro & Market team

Bùi Nguyên Khoa

Leader of Macro - Market team

khoabn@bsc.com.vn

Trần Thanh Tùng

Macro - Market analyst

tungtt@bsc.com.vn

Nguyễn Giang Anh

Macro - Market analyst

anhng@bsc.com.vn

Vũ Việt Anh

Macro - Market analyst

anhvv@bsc.com.vn

Phạm Thanh Thảo

Macro - Market analyst

thaopt1@bsc.com.vn

Contact Info

Website

http://www.bsc.com.vn

Ho Chi Minh City Office

4th, 9th Floor, President Place Tower, 93 Nguyen Cong Tru Street, I District, Ho Chi Minh City, Vietnam.

Tel: (028) 3821 8885 Fax: (028) 3821 8879 **BSC Headquarters**

8th, 9th floor, ThaiHoldings Tower, 210 Tran Quang Khai street, Hanoi,

Vietnam

Tel: (024) 3935 2722 Fax: (024) 2220 0669

For BSC Research

hn.ptnc@bsc.com.vn

BSC Research Department

For Institutional Clients

Investment Consulting and Brokerage

hn.tvdt.khtc@bsc.com.vn

(+84) 39352722 - Ext 108 (024) 39264 659 **For Individual Clients**

i-Center

i-center@bsc.com.vn

(024) 39264 660