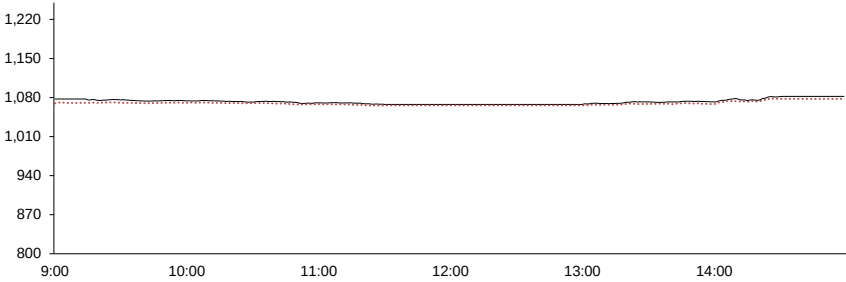


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Future contracts market

Chart 3
VN30-Index Intraday 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
VN30F2304	1076.00	0.30%	-5.71	35.9%	222,805	4/20/2023	11
VN30F2305	1070.60	0.06%	-11.11	82.6%	984	5/18/2023	39
VN30F2306	1071.10	0.21%	-10.61	115.9%	95	6/15/2023	67
VN30F2309	1068.00	0.02%	-13.71	32.9%	109	9/21/2023	165

Source: Bloomberg, BSC Research

Outlook:

- VN30 increased by 4.3 points to 1081.71 points, the trading range was 15.61 points. Stocks such as VHM, NVL, VPB, TCB, and MSN had a positive impact on the movement of VN30.
- VN30 narrows its drop in the afternoon session. The index ended in red with losers dominating. Market liquidity is above the MA20. It is recommended that investors trade cautiously in the coming sessions.
- Futures contracts increase according to the movement of VN30. In terms of volume, and open positions, all contracts increased.

Covered warrant market

Ticker	Expiration date	Remaing days	CR	Volume	Annualized sigma	Issuance price	Trading price	% +/- Daily	Theoretical price*	Price/ Value	Break-even price	Exercise price	Underlying stock price
CVHM2219	9/5/2023	147	6:1	81,800	38.94%	2,800	1,090	26.74%	609	1.79	59,350	56,000	51,500
CVHM2216	8/31/2023	142	16:1	1,704,100	38.94%	1,900	260	23.81%	123	2.11	63,280	62,000	51,500
CTCB2214	6/6/2023	56	2:1	77,300	43.18%	2,470	1,290	7.50%	2,101	0.61	29,160	27,000	30,400
CVHM2218	6/6/2023	56	16:1	1,622,200	38.94%	1,650	340	6.25%	137	2.48	55,140	54,000	51,500
CMSN2215	9/5/2023	147	10:1	224,600	40.06%	2,600	370	5.71%	187	1.97	108,400	102,000	77,900
CVPB2212	8/31/2023	142	15.2:1	316,000	38.67%	1,700	400	5.26%	61	6.52	25,523	24,644	21,000
CHPG2306	11/9/2023	212	8:1	893,000	49.46%	1,380	1,060	1.92%	466	2.27	23,510	20,000	20,800
CHPG2225	6/6/2023	56	2:1	147,600	49.46%	1,550	1,440	1.41%	2,082	0.69	21,290	17,000	20,800
CHPG2227	11/1/2023	204	3:1	325,300	49.46%	2,400	2,000	1.01%	1,142	1.75	24,500	20,500	20,800
CVRE2216	8/31/2023	142	2.66:1	273,500	44.31%	1,650	570	0.00%	986	0.58	33,240	31,000	29,050
CMWG2302	11/9/2023	212	10:1	341,200	44.74%	1,350	340	0.00%	287	1.18	53,060	50,000	40,700
CSTB2225	11/1/2023	204	5:1	70,500	49.63%	2,900	3,830	-0.26%	1,434	2.67	27,180	20,500	25,950
CSTB2224	9/5/2023	147	1:1	82,700	49.63%	2,700	3,680	-0.54%	7,037	0.52	26,380	20,000	25,950
CTCB2215	9/5/2023	147	4:1	106,600	43.18%	1,700	1,690	-0.59%	1,434	1.18	31,020	26,500	30,400
CVPB2214	9/5/2023	147	15.7:1	147,700	38.67%	1,100	1,380	-1.43%	302	4.57	21,480	17,000	21,000
CMWG2215	11/1/2023	204	6:1	276,700	44.74%	1,300	650	-1.52%	698	0.93	51,500	45,000	40,700
CSTB2303	11/9/2023	212	4:1	273,500	49.63%	4,500	2,820	-1.74%	1,567	1.80	27,620	22,000	25,950
CMBB2213	6/6/2023	56	3:1	128,500	39.32%	1,550	780	-2.50%	752	1.04	19,280	17,000	18,750
CACB2208	9/5/2023	147	4:1	99,200	35.49%	1,400	1,350	-2.88%	1,131	1.19	26,660	21,500	24,950
CMWG2214	9/5/2023	147	10:1	441,500	44.74%	1,100	450	-6.25%	276	1.63	50,700	46,500	40,700
Total				7,633,500	43.56%**								

Note:

Table includes covered warrant with the most trading values

Risk-free rate is 4.75%

**Average annualized sigma

CR: Conersion rates

Remaining days: number of days to expiration

* Theoretical price is calculated according to Black-Scholes Model

Outlook:

- In the trading session on April 11, 2023, covered warrants fluctuated along with the recovery of the underlying stocks.
- CHPG2306 had the best growth at 14.82%. Transaction value decreased by -43.37%. CSTB2303 had the most transaction value, accounting for 14.82%.
- CVRE2219, CVNM2211, CSTB2224, and CVRE2216 are warrants whose value is closest to the theoretical price. CSTB2224, CSTB2225, CVPB2214, and CHPG2302 are the most positive warrants in terms of returns. CSTB2224, CVNM2211, CHPG2225, and CTCB2214 are the most positive warrants in terms of money position.

Market statistics

Top 5 leaders on the HSX

Ticker	Price	% Change	Index pt	Volume
VHM	51.50	3.41	1.85	2.08MLN
NVL	14.20	6.77	0.44	63.47MLN
GVR	16.25	2.20	0.35	2.59MLN
CTG	29.60	0.85	0.30	1.16MLN
MSN	77.90	0.91	0.25	753700

Top 5 laggards on the HSX

Ticker	Price	% Change	Index pt	Volume
VCB	88.20	-0.90	(0.95)	751600
BID	44.40	-0.67	(0.38)	1.23MLN
SAB	175.00	-0.91	(0.26)	131400
SHB	11.75	-2.08	(0.19)	29.55MLN
VIC	53.60	-0.37	(0.19)	1.85MLN

Top 5 gainers on the HSX

Ticker	Price	% Change	Index pt	Volume
TDW	46.00	7.0	0.01	200
BTT	30.00	7.0	0.01	1400
TIP	20.00	7.0	0.02	434900
DAG	4.47	6.9	0.00	1.60MLN
HHP	9.46	6.9	0.01	3.14MLN

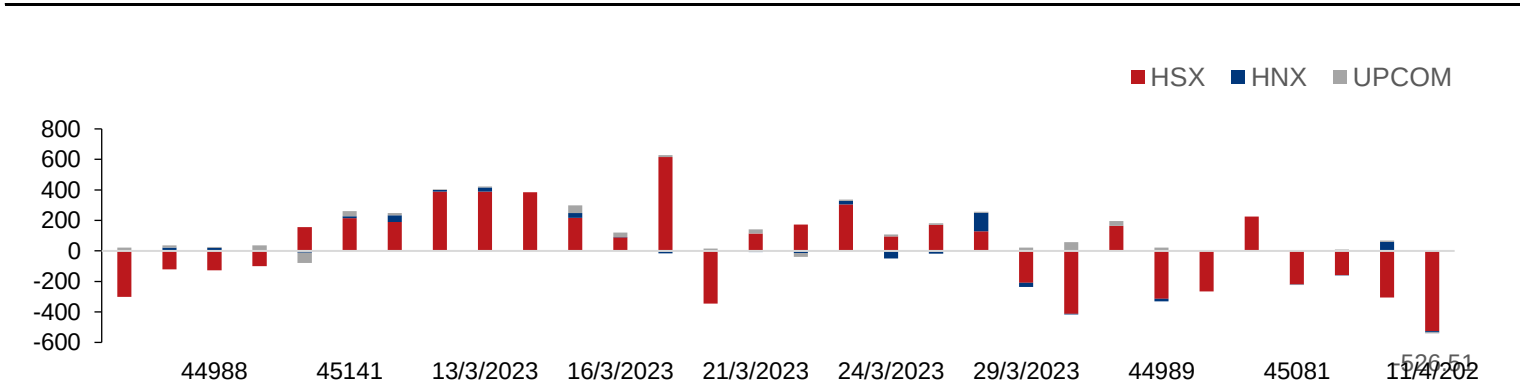
Top 5 losers on the HSX

Ticker	Price	% Change	Index pt	Volume
VCB	88.20	-0.90	-0.95	751600
BID	44.40	-0.67	-0.38	1.23MLN
SAB	175.00	-0.91	-0.26	131400
SHB	11.75	-2.08	-0.19	29.55MLN
VIC	53.60	-0.37	-0.19	1.85MLN

Source: Bloomberg, BSC Research

Exhibit 3

Foreign transaction



Source: HSX, HNX, BSC Research

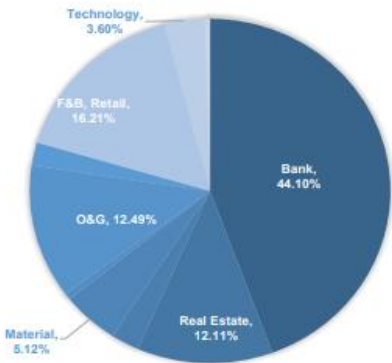
BSC30 Portfolio

Ticker	Sector	Closing price (1,000 VND)	% Day	Beta	Market Cap (Mil USD)	Liquidity (Mil USD)	EPS fw (VND)	P/E fw	Target price (VND)	Foreign ownership	Links
VCB	Bank	88.2	-0.9%	0.9	18,148	2.9	7,311	12.1	105,000	23.6%	Link
BID	Bank	44.4	-0.7%	1.0	9,765	2.4	4,208	10.6	54,578	17.3%	Link
CTG	Bank	29.6	0.9%	1.2	6,185	1.5	3,972	7.5	31,625	28.1%	Link
VPB	Bank	21.0	0.5%	1.2	6,129	8.6	14,982	1.4	23,685	17.6%	Link
ACB	Bank	25.0	-0.2%	1.1	3,664	1.7	4,640	5.4	26,000	30.0%	Link
MBB	Bank	18.8	0.8%	1.1	3,696	5.4	4,603	4.1	24,600	23.2%	Link
STB	Bank	26.0	0.0%	1.3	2,127	15.0	4,880	5.3	31,200	29.2%	Link
SSI	Securities	22.6	0.9%	1.7	1,473	24.4	-	0.0	-	42.84%	Link
GVR	Industrial Park	16.3	2.2%	1.9	2,826	1.8	1,217	13.4	19,100	0.5%	Link
HPG	Material	20.8	0.5%	1.0	5,259	13.0	1,916	10.9	25,000	23.4%	Link
HSG	Material	15.8	1.3%	2.1	411	6.8	1,896	8.3	18,500	10.6%	Link
VHM	Real Estate	51.5	3.4%	0.9	9,750	4.6	5,227	9.9	68,300	23.9%	Link
VRE	Real Estate	29.1	-0.2%	0.4	2,870	1.3	1,576	18.4	31,800	32.5%	Link
NLG	Real Estate	30.0	0.8%	1.5	500	2.7	2,557	11.7	38,700	44.9%	Link
DPM	Fertilizer	34.7	0.1%	1.5	590	2.6	14,120	2.5	42,000	18.4%	Link
GAS	O&G	99.9	0.4%	0.8	8,313	1.0	6,793	14.7	122,300	3.0%	Link
PLX	O&G	37.0	-0.9%	0.8	2,041	1.3	2,625	14.1	42,000	18.1%	Link
BSR	O&G	16.6	2.5%	1.6	2,238	10.5	2,292	7.2	18,400	41.1%	Link
PVS	O&G	26.1	1.6%	1.3	542	7.8	1,340	19.5	31,100	20.4%	Link
PVT	O&G	21.9	1.4%	1.3	308	2.7	2,929	7.5	24,300	18.3%	Link
POW	Utilities	13.4	0.4%	1.2	1,364	2.8	993	13.5	13,000	6.3%	Link
REE	Utilities	68.8	-1.7%	0.8	1,063	0.6	7,698	8.9	85,000	49.0%	Link
VNM	F&B, Retail	74.4	0.0%	0.4	6,761	2.5	3,895	19.1	87,600	55.8%	Link
MSN	F&B, Retail	77.9	0.9%	1.2	4,822	2.5	2,605	29.9	96,000	30.6%	Link
MWG	F&B, Retail	40.7	-0.7%	1.3	2,590	5.0	3,456	11.8	55,200	49.0%	Link
PNJ	F&B, Retail	78.6	1.8%	0.7	1,121	3.5	7,475	10.5	95,000	49.0%	Link
FRT	F&B, Retail	65.5	-0.8%	1.4	337	2.1	2,965	22.1	77,100	29.0%	Link
VHC	Fishery	56.8	2.7%	1.2	453	1.8	12,800	4.4	67,500	30.5%	Link
GMD	Logistics	53.0	1.9%	0.7	694	2.6	7,059	7.5	57,000	48.8%	Link
FPT	Technology	80.3	0.0%	0.8	3,830	1.9	5,901	13.6	91,900	49.0%	Link

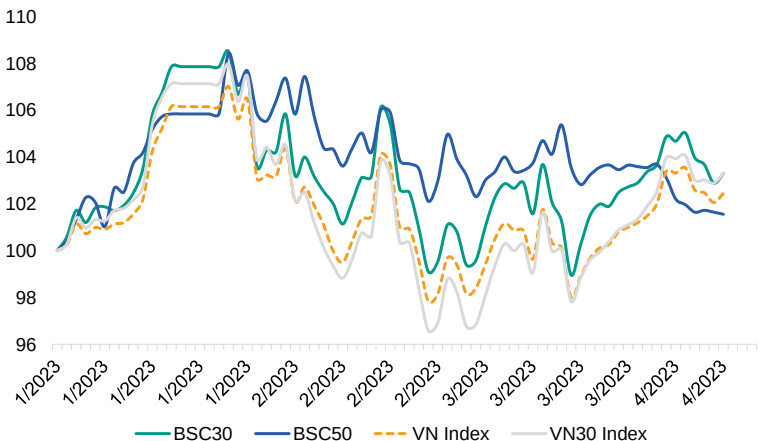
The BSC30 portfolio includes 30 companies with the largest market capitalization with the largest liquidity on all three Ho Chi Minh Stock Exchange (HOSE), Hanoi Stock Exchange (HNX), and Ho Chi Minh Stock Exchange Decentralized (Upcom). The companies in the BSC30 represent many important economic sectors, 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.

Performance indicators

	BSC30	BSC50	VN Index	VN30 Index
1D	0.4%	-0.1%	0.4%	0.4%
1W	-1.3%	-0.6%	-0.8%	-0.6%
1M	0.4%	-1.8%	1.6%	3.0%
3M	1.3%	-2.7%	2.5%	4.0%



BSC30, BSC50 performance compared to the market



BSC50 Portfolio

Ticker	Sector	Closing price (1,000 VND)	% Day	Beta	Market Cap (Mil USD)	Liquidity (Mil USD)	EPS (VND)	P/E	P/B	Foreign ownership	ROE
TCB	Bank	30.4	0.7%	1.4	4,649	6.8	5,737	5.3	1.0	22.5%	19.7%
BVH	Insurance	49.2	0.5%	0.9	1,586	0.3	2,090	23.5	1.8	27.4%	7.5%
VND	Securities	15.9	0.0%	2.1	842	18.3	1,003	15.9	1.3		10.0%
FTS	Securities	28.5	3.1%	2.3	242	2.9	1,672	17.0	1.7	25.1%	10.1%
CII	Construction	15.2	1.0%	1.8	167	3.4	3,003	5.1	0.7	9.3%	14.2%
CTD	Construction	48.3	2.8%	1.8	155	1.1	281	171.9	0.4	49.1%	0.3%
HBC	Construction	8.2	-1.2%	2.0	98	1.8	(4,168)		0.9	15.7%	-36.1%
LCG	Construction	12.5	2.0%	2.0	103	3.4	996	12.5	0.9	3.46%	7.6%
BCM	Industrial Park	80.2	0.3%	0.9	3,609	0.1	1,356	59.1	4.9	2.8%	10.2%
IDC	Industrial Park	39.1	0.3%	1.7	561	3.5	6,831	5.7	2.4	1.1%	50.1%
VGC	Industrial Park	36.5	0.3%	1.6	712	1.1	3,855	9.5	2.1	5.0%	23.5%
VCS	Material	51.6	1.0%	0.9	359	0.1	6,671	7.7	1.7	3.1%	23.6%
HT1	Material	14.8	0.3%	1.5	245	0.7	675	21.8	1.1	3.5%	5.0%
BMP	Material	62.3	0.2%	0.7	222	0.1	8,480	7.3	1.9	85.3%	28.3%
NKG	Material	14.9	3.1%	2.2	171	3.7	(253)		0.7	12.2%	-1.2%
PTB	Material	42.1	0.6%	1.0	124	0.3	7,162	5.9	1.1	13.7%	19.5%
NVL	Real Estate	14.2	6.8%	1.0	1,204	36.9	1,167	12.2	0.7	6.1%	6.2%
DIG	Real Estate	17.5	0.6%	2.5	464	30.0	250	69.9	1.4	5.9%	2.0%
IJC	Real Estate	14.0	1.4%	2.1	153	1.8	1,914	7.3	0.9	5.9%	13.5%
SCR	Real Estate	7.7	0.5%	1.9	133	2.7	127	61.0	0.6	0.4%	1.0%
VEA	Automobile	37.3	0.0%	0.5	2,155	0.2	5,709	6.5	2.0	5.0%	31.3%
DCM	Fertilizer	24.6	0.8%	1.4	565	2.4	7,702	3.2	1.2	10.7%	45.2%
PVD	O&G	21.2	1.7%	1.5	511	5.4	(0)		0.8	22.2%	-0.7%
PLC	O&G	32.9	3.1%	1.8	116	0.8	1,447	22.7	2.2	1.2%	9.0%
DRC	Tyre	22.0	0.9%	1.3	114	0.2	2,586	8.5	1.4	8.4%	16.7%
GEX	Utilities	13.3	1.5%	1.8	492	4.9	433	30.7	0.9	12.2%	3.1%
NT2	Utilities	29.8	1.9%	0.8	373	0.6	2,992	10.0	1.9	16.0%	19.5%
VSH	Utilities	40.3	0.5%	0.7	414	0.0	5,354	7.5	1.9	11.7%	28.0%
HDG	Utilities	32.1	2.9%	1.5	341	1.6	4,495	7.1	1.5	20.5%	22.7%
PC1	Utilities	29.0	1.8%	1.3	341	1.3	1,701	17.1	1.5	8.1%	9.4%
HND	Utilities	14.8	-1.3%	0.5	322	0.0	1,094	13.5	1.2	0.0%	8.7%
QTP	Utilities	15.0	3.4%	0.6	293	0.6	1,698	8.8	1.1	1.0%	12.4%
GEG	Utilities	15.0	2.4%	1.1	209	0.8	1,193	12.5	1.3	46.4%	8.1%
PPC	Utilities	15.4	1.7%	0.6	215	0.2	1,551	9.9	1.0	13.1%	9.9%
OIL	Utilities	9.3	2.2%	1.5	418	0.7	493	18.9	0.9	6.1%	5.0%
DHC		39.8	0.6%	0.6	139	0.2	4,670	8.5	1.8	35.0%	22.0%
SAB	F&B, Retail	175.0	-0.9%	0.2	4,879	1.0	7,959	22.0	4.8	62.6%	23.6%
QNS	F&B, Retail	42.3	0.7%	0.5	656	0.1	4,226	10.0	1.7	19.34%	17.5%
DBC	F&B, Retail	15.1	1.0%	2.0	158	3.0	621	24.2	0.8	5.7%	3.2%
PET	F&B, Retail	24.2	3.0%	2.4	104	1.1	1,582	15.3	1.3		7.4%
HAG	F&B, Retail	7.8	2.9%	1.4	315	5.8	1,218	6.4	1.5	2.8%	23.8%
ANV	Fishery	32.9	1.5%	1.7	190	2.4	5,299	6.2	1.4	6.8%	25.8%
VJC	Logistics	102.3	0.0%	0.2	2,409	1.2	(4,010)		3.9	17.5%	-14.0%
HVN	Logistics	13.3	1.1%	1.2	1,276	0.7	(4,720)			5.9%	
SCS	Logistics	66.9	0.5%	0.3	275	0.0	6,505	10.3	4.6	29.5%	48.1%
VSC	Logistics	28.4	-0.4%	0.5	150	0.1	2,592	11.0	1.2	3.0%	12.9%
VTP	Logistics	29.8	-1.3%	1.0	147	1.0	1,956	15.2	2.4	14.3%	16.3%
HAH	Logistics	38.7	2.8%	1.1	118	2.9	10,224	3.8	1.2	9.3%	40.1%
CTR	Technology	66.4	4.4%	1.3	330	0.9	3,872	17.1	4.7	11.1%	30.2%
TNG	Texttile	17.7	2.9%	1.7	81	1.0	2,847	6.2	1.1	13.7%	19.0%

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.

Disclosure

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