

HOSE-Index Series

Data as at: 30 Dec 2022

HOSE-Index is a market-capitalization weighted investable index series comprised of companies listed on the Hochiminh Stock Exchange (HOSE). The constituents are screened for eligibility, free-float and liquidity. HOSE-Index Series covers over 90% total traded value and 80% HOSE's market capitalization.

HOSE-Index Structure

VNAllshare is a market-capitalization weighted index comprises all HOSE-listed companies that passed screening for eligibility, free-float and liquidity.

VN30 is a market-capitalization weighted index which measures the performance of 30 large market-capitalization and high liquidity stocks from VNAllshare.

VNMidcap is a market-capitalization weighted index which measures the performance of 70 medium market-capitalization companies from VNAllshare.

VN100 is a market-capitalization weighted index combining constituents from both VN30 and VNMidcap.

VNSmallcap is a market-capitalization weighted index and designed to measure the performance of small market-capitalization companies from VNAllshare.

VNAllshare Sector Indices is a series of sector index comprised of constituents from VNAllshare classified according to the Global Industry Classification Standard (GICS®).

Features

Objective

The indices are designed for use in the creation of index track funds, derivatives and as a performance benchmark.

Investability

Stocks are selected and calculated by free-float to ensure index is investable.

Liquidity

Stocks are screened to ensure index is tradable.

Transparency

The indices use a transparent, rules-based construction process. Index Rules are freely available on the HOSE website.

Availability

The indices are calculated in real-time or end of day.

Review Dates

Semi-annually in January and July.

Capping Limit

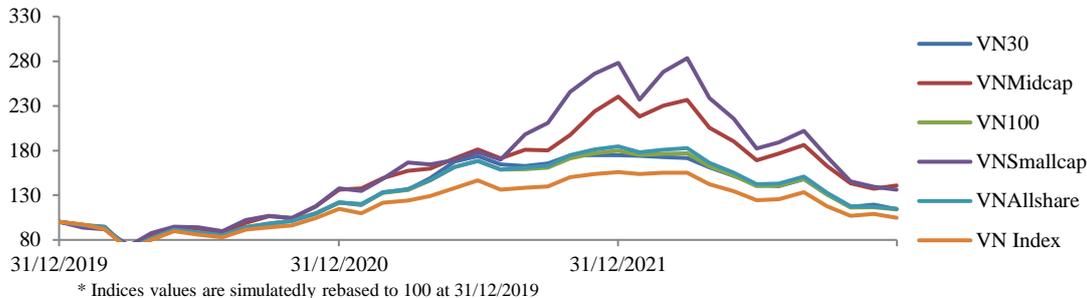
10%(Not applied for VNAllshare Sector)

Index Methodology

Free-floatadjusted market-capitalization weighted index.

Industry Classification Benchmark
Index constituents are classified in accordance with the Global Industry Classification Standard (GICS®).

Indices performance from 31/12/2019 to 30/12/2022



Indices Performance

	Performance (%)									Annualized Performance (%)	
	2019	2020	2021	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNAllShare	3.40%	21.25%	48.39%	-2.24%	-13.57%	-19.28%	-37.83%	14.79%	4.35%	4.71%	0.86%
VN30	2.73%	20.73%	40.65%	-4.20%	-12.74%	-19.52%	-34.55%	14.35%	3.04%	4.57%	0.60%
VNMidcap	1.82%	35.92%	72.43%	2.57%	-13.39%	-16.65%	-41.39%	40.87%	22.75%	12.10%	4.18%
VN100	3.43%	20.69%	45.14%	-2.24%	-12.92%	-18.78%	-36.62%	13.98%	4.04%	4.46%	0.79%
VNSmallcap	1.72%	37.64%	97.79%	-2.24%	-21.21%	-25.21%	-51.00%	36.32%	15.84%	10.88%	2.99%
VN-Index	7.76%	14.19%	33.72%	-3.94%	-11.04%	-15.91%	-32.78%	4.80%	2.32%	1.57%	0.46%

Indices Volatility

	3 months	6 months	1 year	3 years	5 years
VNAllShare	18.43%	20.15%	27.10%	42.07%	48.17%
VN30	18.42%	19.81%	26.35%	42.48%	49.59%
VNMidcap	20.07%	22.75%	31.63%	50.97%	55.80%
VN100	18.55%	20.20%	27.05%	43.80%	50.05%
VNSmallcap	18.63%	21.60%	31.70%	44.22%	46.63%
VN Index	16.30%	18.16%	24.70%	39.70%	46.82%

Correlation of Indices with VN Index

	3 months	6 months	1 year	3 years	5 years
VNAllShare	99.04%	98.87%	98.95%	98.35%	97.92%
VN30	98.89%	98.21%	97.51%	97.36%	97.14%
VNMidcap	93.91%	93.50%	93.68%	78.98%	79.01%
VN100	99.15%	98.91%	98.91%	94.39%	94.97%
VNSmallcap	88.74%	88.49%	86.26%	83.21%	79.42%

Indices Characteristics

	VNAllshare	VN30	VNMidcap	VN100	VNSmallcap
Number of Constituents	323	30	70	100	223
Full Market-Capitalization (Billion VND)	3,750,270	2,837,905	693,875	3,531,780	218,491
Free-float adjusted Market-Capitalization (Billion VND)	1,482,457	960,871	413,955	1,374,825	107,632
Average	4,590	32,029	5,914	13,748	483
Max	78,108	78,108	52,137	78,108	4,496
Min	14	2,208	441	441	14
Median	546	25,994	2,745	4,482	265
Weighted capitalization of largest company	5.27%	8.13%	12.59%	5.68%	4.18%
Weighted capitalization of top-10 companies	41.03%	62.78%	53.29%	44.24%	24.35%

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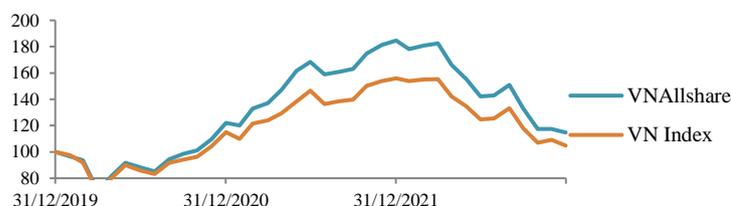


VNAllshare is a market-capitalization weighted index comprises all HOSE-listed companies that passed screening for eligibility, free-float and liquidity.

Index Characteristics

Number of Constituents	323
Full Market-Capitalization (Billion VND)	3,750,270
Free-float adjusted Market-Capitalization (Billion VND)	1,482,457
Average	4,590
Max	78,108
Min	14
Median	546
Weighted capitalization of largest company	5.27%
Weighted capitalization of top-10 companies	41.03%

Indices performance from 31/12/2019 to 30/12/2022



* Indices values are simulatedly rebased to 100 at 31/12/2019

Information

Base Date: 24/01/2014
Base Value: 560.19
Availability: Price and Total Return
Frequency:
 - VNAllshare: every 5 seconds.
 - VNAllshareTRI: End of day.
Capping limit: 10%
Calculation Method: Free-float adjusted market-capitalization weighted index.
Currency: VND

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNAllshare	18.43%	20.15%	27.10%	42.07%	48.17%

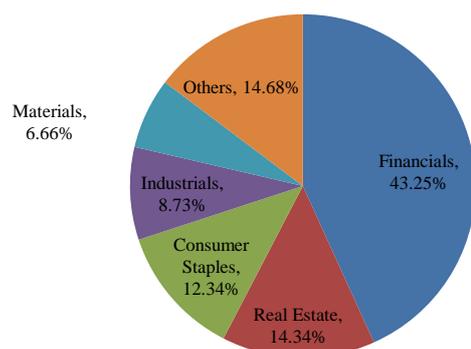
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNAllshare	99.04%	98.87%	98.95%	98.35%	97.92%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2019	2020	2021	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNAllshare	3.40%	21.25%	48.39%	-2.24%	-13.57%	-19.28%	-37.83%	14.79%	4.35%	4.71%	0.86%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VPB	Financials	78,108	5.27%
2	FPT	Information Technology	71,707	4.84%
3	VNM	Consumer Staples	63,618	4.29%
4	ACB	Financials	62,871	4.24%
5	MSN	Consumer Staples	59,583	4.02%
6	TCB	Financials	59,098	3.99%
7	HPG	Materials	57,566	3.88%
8	VHM	Real Estate	52,252	3.52%
9	SSB	Financials	52,137	3.52%
10	VIC	Real Estate	51,297	3.46%
	Total		608,239	41.03%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Financials	37	641,161	43.25%
Real Estate	42	212,608	14.34%
Consumer Staples	29	182,901	12.34%
Industrials	86	129,380	8.73%
Materials	52	98,717	6.66%

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VN30 is a market-capitalization weighted index which measures the performance of 30 large cap and high liquidity stocks from VNAIshare.

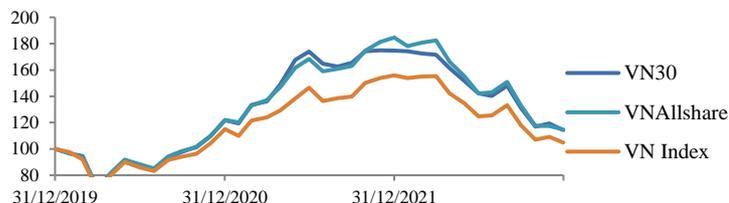
Index Characteristics

Number of Constituents	30
Full Market-Capitalization (Billion VND)	2,837,905
Free-float adjusted Market-Capitalization (Billion VND)	960,871
Average	32,029
Max	78,108
Min	2,208
Median	25,994
Weighted capitalization of largest company	8.13%
Weighted capitalization of top-10 companies	62.78%

Information

Base Date: 02/01/2009
Base Value: 313.34
Availability: Price and Total Return
Frequency:
 - VN30: every 5 seconds.
 - VN30TRI: End of day.
Capping limit: 10%
Calculation Method: Free-float adjusted market-capitalization weighted index.
Currency: VND

Indices performance from 31/12/2019 to 30/12/2022



Index Volatility

	3 months	6 months	1 year	3 years	5 years
VN30	18.42%	19.81%	26.35%	42.48%	49.59%

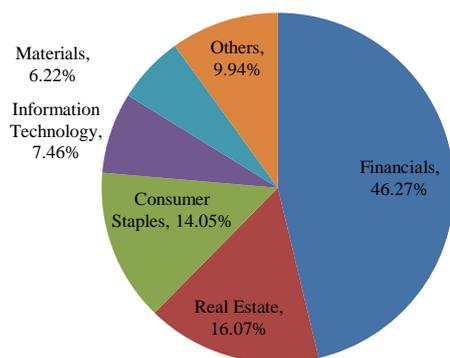
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VN30	98.89%	98.21%	97.51%	97.36%	97.14%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2019	2020	2021	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VN30	2.73%	20.73%	40.65%	-4.20%	-12.74%	-19.52%	-34.55%	14.35%	3.04%	4.57%	0.60%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VPB	Financials	78,108	8.13%
2	FPT	Information Technology	71,707	7.46%
3	VNM	Consumer Staples	63,618	6.62%
4	ACB	Financials	62,871	6.54%
5	MSN	Consumer Staples	59,583	6.20%
6	TCB	Financials	59,098	6.15%
7	HPG	Materials	57,566	5.99%
8	VHM	Real Estate	52,252	5.44%
9	VIC	Real Estate	51,297	5.34%
10	MWG	Consumer Discretionary	47,090	4.90%
	Total		603,192	62.78%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Financials	13	444,567	46.27%
Real Estate	6	154,375	16.07%
Consumer Staples	3	134,974	14.05%
Information Technology	1	71,707	7.46%
Materials	2	59,774	6.22%

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VNMidcap is a market-capitalization weighted index which measures the performance of 70 medium market-capitalization companies from VNAllshare.

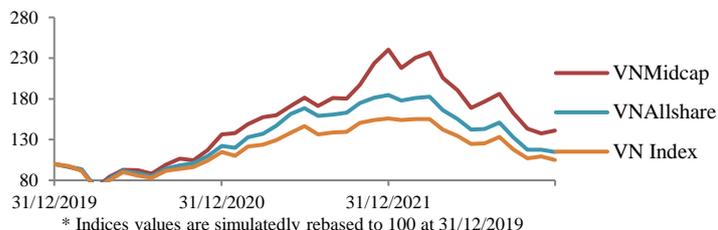
Index Characteristics

Number of Constituents	70
Full Market-Capitalization (Billion VND)	693,875
Free-float adjusted Market-Capitalization (Billion VND)	413,955
Average	5,914
Max	52,137
Min	441
Median	2,745
Weighted capitalization of largest company	12.59%
Weighted capitalization of top-10 companies	53.29%

Information

Base Date: 24/01/2014
Base Value: 560.19
Availability: Price and Total Return
Frequency:
 - VNMidcap: every 5 seconds.
 - VNMidcapTRI: End of day.
Capping limit: 10%
Calculation Method: Free-float adjusted market-capitalization weighted index.
Currency: VND

Indices performance from 31/12/2019 to 30/12/2022



Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNMidcap	20.07%	22.75%	31.63%	50.97%	55.80%

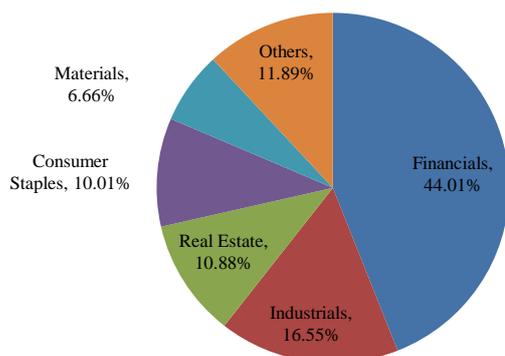
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNMidcap	93.91%	93.50%	93.68%	78.98%	79.01%

Index Performance

	Performance (%)								Annualized Performance (%)		
	2019	2020	2021	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNMidcap	1.82%	35.92%	72.43%	2.57%	-13.39%	-16.65%	-41.39%	40.87%	22.75%	12.10%	4.18%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	SSB	Financials	52,137	12.59%
2	EIB	Financials	25,772	6.23%
3	PNJ	Consumer Discretionary	25,064	6.05%
4	SHB	Financials	24,413	5.90%
5	MSB	Financials	22,340	5.40%
6	LPB	Financials	19,254	4.65%
7	OCB	Financials	13,562	3.28%
8	DGC	Consumer Staples	13,421	3.24%
9	VND	Financials	12,330	2.98%
10	GMD	Industrials	12,314	2.97%
	Total		220,608	53.29%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Financials	10	182,175	44.01%
Industrials	19	68,499	16.55%
Real Estate	12	45,034	10.88%
Consumer Staples	8	41,455	10.01%
Materials	10	27,570	6.66%

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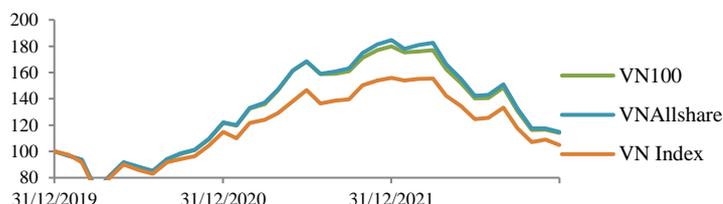


VN100 is a market-capitalization weighted index combining constituents from both VN30 and VNMidcap.

Index Characteristics

Number of Constituents	100
Full Market-Capitalization (Billion VND)	3,531,780
Free-float adjusted Market-Capitalization (Billion VND)	1,374,825
Average	13,748
Max	78,108
Min	441
Median	4,482
Weighted capitalization of largest company	5.68%
Weighted capitalization of top-10 companies	44.24%

Indices performance from 31/12/2019 to 30/12/2022



* Indices values are simulatedly rebased to 100 at 31/12/2019

Information

Base Date: 24/01/2014
Base Value: 560.19
Availability: Price and Total Return
Frequency:
 - VN100: every 5 seconds.
 - VN100TRI: End of day.
Capping limit: 10%
Calculation Method: Free-float adjusted market-capitalization weighted index.
Currency: VND

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VN100	18.55%	20.20%	27.05%	43.80%	50.05%

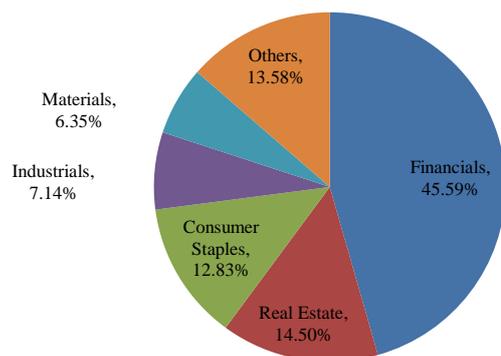
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VN100	99.15%	98.91%	98.91%	94.39%	94.97%

Index Performance

	Performance (%)						Annualized Performance (%)				
	2019	2020	2021	1 month	3 months	6 months	1 year	3 years	5 years		
VN100	3.43%	20.69%	45.14%	-2.24%	-12.92%	-18.78%	-36.62%	13.98%	4.04%	4.46%	0.79%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VPB	Financials	78,108	5.68%
2	FPT	Information Technology	71,707	5.22%
3	VNM	Consumer Staples	63,618	4.63%
4	ACB	Financials	62,871	4.57%
5	MSN	Consumer Staples	59,583	4.33%
6	TCB	Financials	59,098	4.30%
7	HPG	Materials	57,566	4.19%
8	VHM	Real Estate	52,252	3.80%
9	SSB	Financials	52,137	3.79%
10	VIC	Real Estate	51,297	3.73%
	Total		608,239	44.24%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Financials	23	626,742	45.59%
Real Estate	18	199,409	14.50%
Consumer Staples	11	176,429	12.83%
Industrials	20	98,152	7.14%
Materials	12	87,344	6.35%

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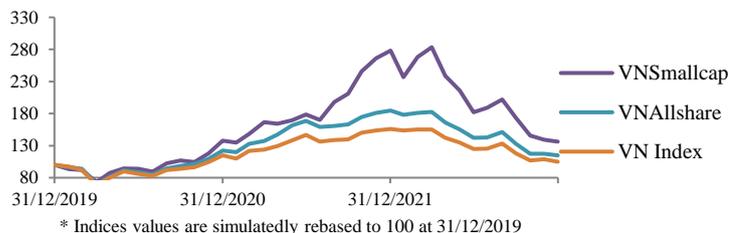
Index Characteristics

Number of Constituents	223
Full Market-Capitalization (Billion VND)	218,491
Free-float adjusted Market-Capitalization (Billion VND)	107,632
Average	483
Max	4,496
Min	14
Median	265
Weighted capitalization of largest company	4.18%
Weighted capitalization of top-10 companies	24.35%

Information

Base Date: 24/01/2014
Base Value: 560.19
Availability: Price and Total Return
Frequency:
 - VNSmallcap: every 5 seconds.
 - VNSmallcapTRI: End of day.
Capping limit: 10%
Calculation Method: Free-float adjusted market-capitalization weighted index.
Currency: VND

Indices performance from 31/12/2019 to 30/12/2022



Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNSmallcap	18.63%	21.60%	31.70%	44.22%	46.63%

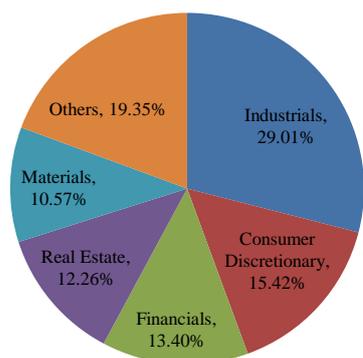
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNSmallcap	88.74%	88.49%	86.26%	83.21%	79.42%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2019	2020	2021	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNSmallcap	1.72%	37.64%	97.79%	-2.24%	-21.21%	-25.21%	-51.00%	36.32%	15.84%	10.88%	2.99%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	FRT	Consumer Discretionary	4,496	4.18%
2	VSC	Industrials	3,681	3.42%
3	VIX	Financials	2,838	2.64%
4	TDM	Utilities	2,775	2.58%
5	HDC	Real Estate	2,499	2.32%
6	DBD	Health Care	2,362	2.19%
7	FTS	Financials	2,028	1.88%
8	TVS	Financials	1,874	1.74%
9	HAH	Industrials	1,872	1.74%
10	TLG	Industrials	1,785	1.66%
	Total		26,209	24.35%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Industrials	66	31,228	29.01%
Consumer Discretionary	34	16,592	15.42%
Financials	14	14,419	13.40%
Real Estate	24	13,199	12.26%
Materials	40	11,373	10.57%

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SUMMARY OF HOSE-INDEX'S METHODOLOGY

Selection Criteria:

1. Eligibility:

- Must be listed and traded on HOSE for at least 6 (six) months prior Review Date.
- Must not violate disclosure requirement or subjected to controlled, special control or suspended at least 3 months prior Review Date.

2. **Free-float:** Companies must have free-float ratio minimum of 10%.

3. **Liquidity:** Turnover ratio must be at least 0.05%.

Constituents Selection:

1. **VNAllshare:** Comprises the universe of all constituents that passed Selection Criteria.

2. VN30:

- **Eligibility constituents for VN30:** Must belong to top-listed accumulated 90% of traded value of VNAllshare.
- 20 largest companies by market-capitalization are chosen. The remaining 10 companies are selected from 21st to 40th ranked in market-capitalization with priority given to current constituent(s) of VN30.

3. VNMidcap:

- Excluding the VN30 constituents, 40 largest companies by market-capitalization from the remaining pool will be chosen.
- 30 Stocks from the 41st to 80th of market-capitalization are select with priority given to current constituent(s) of VNMidcap index.

4. **VN100:** Comprises all constituents of VN30 and VNMidcap.

5. **VNSmallcap:** Comprises all constituents of VNAllshare excluding VN100.

GLOBAL INDUSTRY CLASSIFICATION STANDARD (GICS®)

GICS (Global Industry Classification Standard) is the industry classification standard for securities market which developed and managed by MSCI and S&P. Information regarding to GICS classification shall be managed and disclosed by MSCI and S&P.

Securities listing on HOSE shall be classified by MSCI based on GICS standard. Information on listed companies is published on HOSE's website: www.hsx.vn.

Industrial classification update of constituent stocks shall be made semi-annually on the same date as Review Date.

