

HOSE-Index Series

Data as at: 30 Nov 2018

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

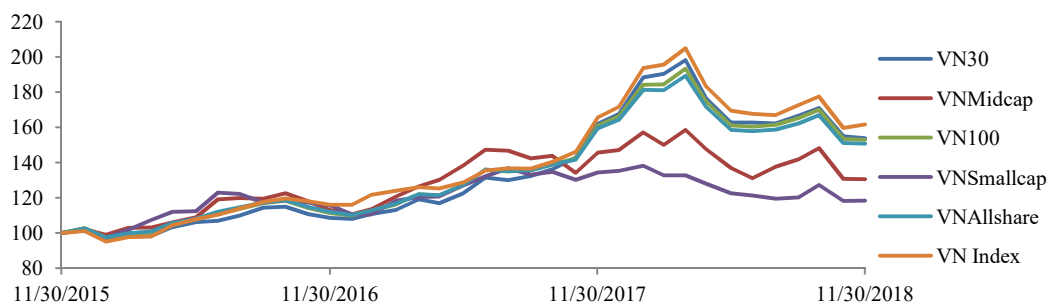
10%(Not applied for VNAllshare Sector)

Index Methodology

Free-float adjusted market-capitalization weighted index.

Industry Classification

Indices performance from 30/11/2015 to 30/11/2018



* Indices values are simulatedly rebased to 100 at 30/11/2015

Indices Performance

	Performance (%)									Annualized Performance (%)	
	2015	2016	2017	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNAllShare	4.21%	7.46%	48.27%	-0.17%	-6.99%	-4.89%	-5.41%	50.80%	67.02%	14.68%	10.80%
VN30	-1.01%	5.48%	53.89%	-0.75%	-7.68%	-5.54%	-5.12%	53.76%	57.24%	15.42%	9.47%
VNMidcap	17.19%	8.24%	32.28%	-0.15%	-7.86%	-4.57%	-10.37%	30.62%	85.50%	9.31%	13.15%
VN100	4.38%	7.00%	50.21%	-0.27%	-7.42%	-5.03%	-4.99%	52.96%	67.84%	15.22%	10.91%
VNSmallcap	2.18%	8.94%	22.54%	0.25%	-1.38%	-3.30%	-11.92%	18.43%	53.06%	5.80%	8.89%
VN Index	6.13%	14.82%	46.46%	1.29%	-6.37%	-4.60%	-2.46%	61.64%	82.47%	17.36%	12.78%

Indices Volatility

	3 months	6 months	1 year	3 years	5 years
VNAllShare	8.86%	13.76%	21.12%	26.24%	34.35%
VN30	9.48%	14.83%	23.24%	29.10%	37.55%
VNMidcap	8.80%	14.31%	20.42%	25.83%	34.06%
VN100	9.12%	14.20%	21.84%	27.05%	35.18%
VNSmallcap	6.07%	8.43%	12.82%	19.97%	31.24%
VN Index	9.23%	13.87%	22.54%	28.53%	37.12%

Correlation of Indices with VN Index

	3 months	6 months	1 year	3 years	5 years
VNAllShare	97.48%	97.76%	97.29%	94.73%	94.61%
VN30	97.01%	97.49%	97.25%	94.69%	94.61%
VNMidcap	90.29%	88.95%	84.23%	78.42%	79.46%
VN100	97.42%	97.74%	97.35%	94.82%	94.76%
VNSmallcap	85.33%	83.81%	79.01%	70.07%	70.21%

Indices Characteristics

	VNAllshare	VN30	VNMidcap	VN100	VNSmallcap
Number of Constituents	249	30	70	100	149
Full Market-Capitalization (Billion VND)	2,260,745	1,911,831	264,937	2,176,769	83,977
Free-float adjusted Market-Capitalization (Billion VND)	819,582	647,678	131,466	779,144	40,438
Average	3,291	21,589	1,878	7,791	271
Max	111,451	111,451	12,540	111,451	958
Min	18	1,656	215	215	18
Median	420	10,691	1,364	1,949	198
Weighted capitalization of largest company	13.60%	17.21%	9.54%	14.30%	2.37%
Weighted capitalization of top-10 companies	57.62%	72.92%	42.38%	60.62%	20.12%

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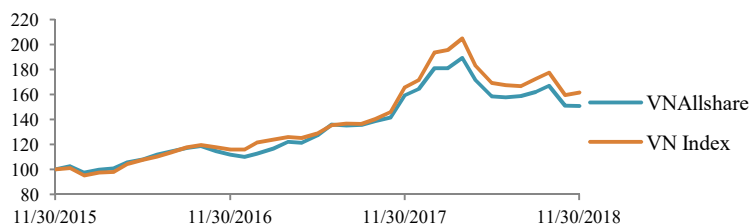
Index Characteristics

Number of Constituents	249
Full Market-Capitalization (Billion VND)	2,260,745
Free-float adjusted Market-Capitalization (Billion VND)	819,582
Average	3,291
Max	111,451
Min	18
Median	420
Weighted capitalization of largest company	13.60%
Weighted capitalization of top-10 companies	57.62%

Information

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

Indices performance from 30/11/2015 to 30/11/2018



* Indices values are simulatedly rebased to 100 at 30/11/2015

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNAllshare	8.86%	13.76%	21.12%	26.24%	34.35%

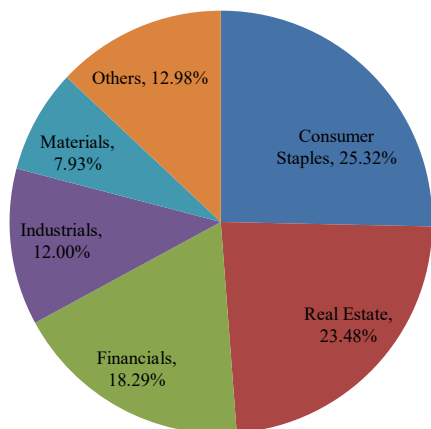
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNAllshare	97.48%	97.76%	97.29%	94.73%	94.61%

Index Performance

	Performance (%)								Annualized Performance (%)		
	2015	2016	2017	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNAllshare	4.21%	7.46%	48.27%	-0.17%	-6.99%	-4.89%	-5.41%	50.80%	67.02%	14.68%	10.80%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VNM	Consumer Staples	111,451	13.60%
2	VIC	Real Estate	97,376	11.88%
3	HPG	Materials	42,308	5.16%
4	MSN	Consumer Staples	41,873	5.11%
5	VPB	Financials	38,325	4.68%
6	VJC	Industrials	35,476	4.33%
7	VRE	Real Estate	32,173	3.93%
8	MBB	Financials	25,607	3.12%
9	SAB	Consumer Staples	24,048	2.93%
10	MWG	Consumer Discretionary	23,644	2.88%
	Total		472,282	57.62%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Hàng tiêu dùng thiết yếu	25	207,482	25.32%
Bất động sản	31	192,429	23.48%
Tài chính	21	149,931	18.29%
Công nghiệp	66	98,363	12.00%
Nguyên vật liệu	43	64,958	7.93%

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

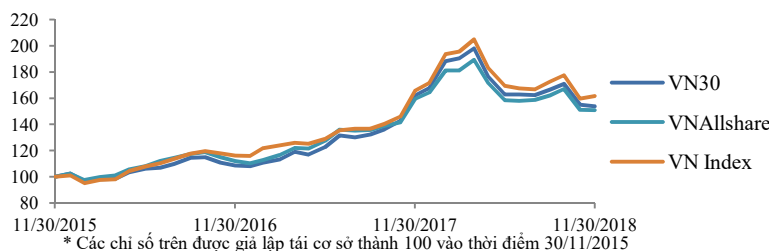
Index Characteristics

Number of Constituents	30
Full Market-Capitalization (Billion VND)	1,911,831
Free-float adjusted Market-Capitalization (Billion VND)	647,678
Average	21,589
Max	111,451
Min	1,656
Median	10,691
Weighted capitalization of largest company	17.21%
Weighted capitalization of top-10 companies	72.92%

Information

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

Tăng trưởng chỉ số từ 30/11/2015 đến 30/11/2018



Index Volatility

	3 months	6 months	1 year	3 years	5 years
VN30	9.48%	14.83%	23.24%	29.10%	37.55%

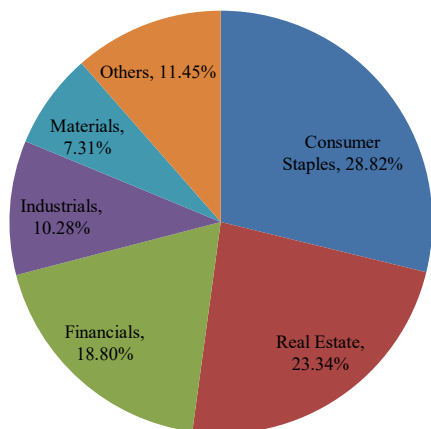
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VN30	97.01%	97.49%	97.25%	94.69%	94.61%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2015	2016	2017	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VN30	-1.01%	5.48%	53.89%	-0.75%	-7.68%	-5.54%	-5.12%	53.76%	57.24%	15.42%	9.47%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VNM	Consumer Staples	111,451	17.21%
2	VIC	Real Estate	97,376	15.03%
3	HPG	Materials	42,308	6.53%
4	MSN	Consumer Staples	41,873	6.47%
5	VPB	Financials	38,325	5.92%
6	VJC	Industrials	35,476	5.48%
7	VRE	Real Estate	32,173	4.97%
8	MBB	Financials	25,607	3.95%
9	SAB	Consumer Staples	24,048	3.71%
10	MWG	Consumer Discretionary	23,644	3.65%
	Total		472,282	72.92%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Consumer Staples	5	186,649	28.82%
Real Estate	3	151,178	23.34%
Financials	6	121,782	18.80%
Industrials	7	66,554	10.28%
Materials	3	47,345	7.31%

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

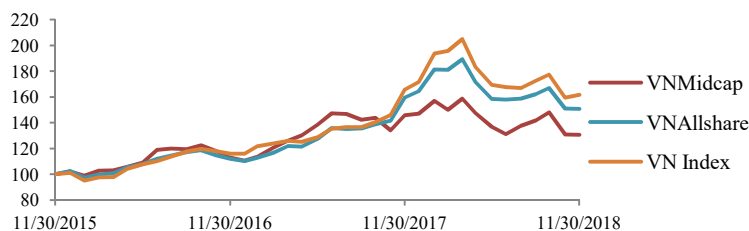
Index Characteristics

Number of Constituents	70
Full Market-Capitalization (Billion VND)	264,937
Free-float adjusted Market-Capitalization (Billion VND)	131,466
Average	1,878
Max	12,540
Min	215
Median	1,364
Weighted capitalization of largest company	9.54%
Weighted capitalization of top-10 companies	42.38%

Information

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

Indices performance from 30/11/2015 to 30/11/2018



* Indices values are simulatedly rebased to 100 at 30/11/2015

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNMidcap	8.80%	14.31%	20.42%	25.83%	34.06%

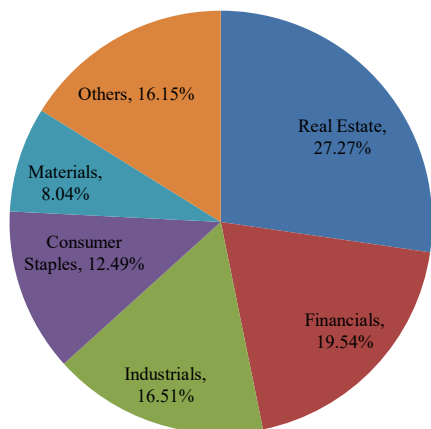
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNMidcap	90.29%	88.95%	84.23%	78.42%	79.46%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2015	2016	2017	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNMidcap	17.19%	8.24%	32.38%	-0.15%	-7.86%	-4.57%	-10.37%	30.62%	85.50%	9.31%	13.15%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	EIB	Financials	12,540	9.54%
2	KDH	Real Estate	7,465	5.68%
3	DXG	Real Estate	6,362	4.84%
4	VCI	Financials	5,614	4.27%
5	KBC	Real Estate	4,474	3.40%
6	VHC	Consumer Staples	4,237	3.22%
7	NLG	Real Estate	4,089	3.11%
8	TCH	Industrials	3,983	3.03%
9	HNG	Consumer Staples	3,843	2.92%
10	HAG	Consumer Staples	3,104	2.36%
	Total		55,713	42.38%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Real Estate	13	35,856	27.27%
Financials	8	25,687	19.54%
Industrials	15	21,703	16.51%
Consumer Staples	7	16,424	12.49%
Materials	11	10,566	8.04%

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

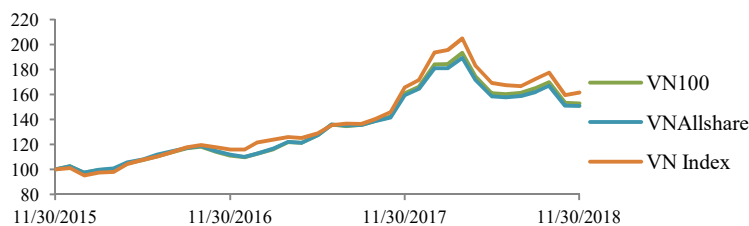
Index Characteristics

Number of Constituents	100
Full Market-Capitalization (Billion VND)	2,176,769
Free-float adjusted Market-Capitalization (Billion VND)	779,144
Average	7,791
Max	111,451
Min	215
Median	1,949
Weighted capitalization of largest company	14.30%
Weighted capitalization of top-10 companies	60.62%

Information

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

Indices performance from 30/11/2015 to 30/11/2018



* Indices values are simulatedly rebased to 100 at 30/11/2015

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VN100	9.12%	14.20%	21.84%	27.05%	35.18%

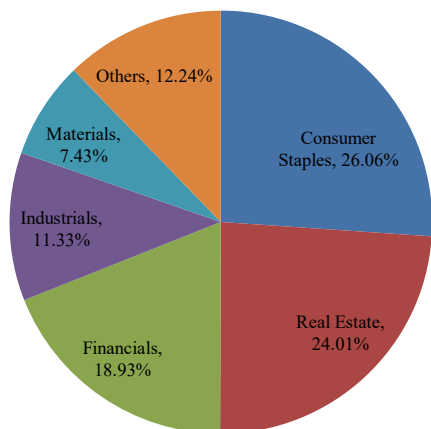
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VN100	97.42%	97.74%	97.35%	94.82%	94.76%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2015	2016	2017	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VN100	4.38%	7.00%	50.21%	-0.27%	-7.42%	-5.03%	-4.99%	52.96%	67.84%	15.22%	10.91%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VNM	Consumer Staples	111,451	14.30%
2	VIC	Real Estate	97,376	12.50%
3	HPG	Materials	42,308	5.43%
4	MSN	Consumer Staples	41,873	5.37%
5	VPB	Financials	38,325	4.92%
6	VJC	Industrials	35,476	4.55%
7	VRE	Real Estate	32,173	4.13%
8	MBB	Financials	25,607	3.29%
9	SAB	Consumer Staples	24,048	3.09%
10	MWG	Consumer Discretionary	23,644	3.03%
	Total		472,282	60.62%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Consumer Staples	12	203,073	26.06%
Real Estate	16	187,034	24.01%
Financials	14	147,469	18.93%
Industrials	22	88,256	11.33%
Materials	14	57,912	7.43%

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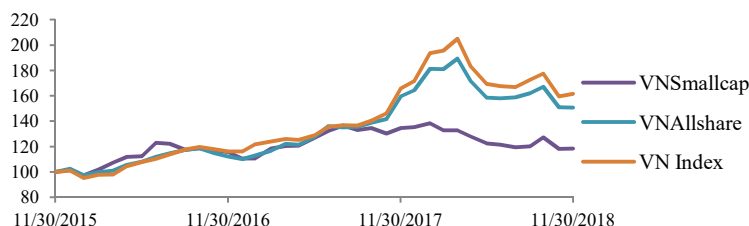
Index Characteristics

Number of Constituents	149
Full Market-Capitalization (Billion VND)	83,977
Free-float adjusted Market-Capitalization (Billion VND)	40,438
Average	271
Max	958
Min	18
Median	198
Weighted capitalization of largest company	2.37%
Weighted capitalization of top-10 companies	20.12%

Information

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

Indices performance from 30/11/2015 to 30/11/2018



* Indices values are simulatedly rebased to 100 at 30/11/2015

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNSmallcap	6.07%	8.43%	12.82%	19.97%	31.24%

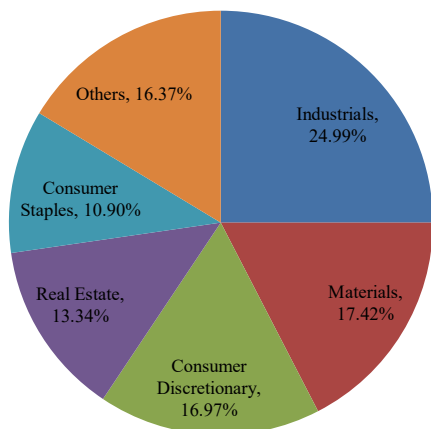
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNSmallcap	85.33%	83.81%	79.01%	70.07%	70.21%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2015	2016	2017	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNSmallcap	2.18%	8.94%	22.54%	0.25%	-1.38%	-3.30%	-11.92%	18.43%	53.06%	5.80%	8.89%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	DHC	Materials	958	2.37%
2	IDI	Consumer Staples	940	2.32%
3	ANV	Consumer Staples	866	2.14%
4	FTS	Financials	861	2.13%
5	VNG	Consumer Discretionary	825	2.04%
6	VFG	Materials	778	1.92%
7	TCM	Consumer Discretionary	750	1.86%
8	TDH	Real Estate	749	1.85%
9	DRH	Real Estate	713	1.76%
10	NTL	Real Estate	696	1.72%
	Total		8,136	20.12%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Industrials	44	10,107	24.99%
Materials	29	7,046	17.42%
Consumer Discretionary	21	6,863	16.97%
Real Estate	15	5,394	13.34%
Consumer Staples	13	4,409	10.90%

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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.

