

HOSE-Index Series

Data as at: 31 Jul 2019

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

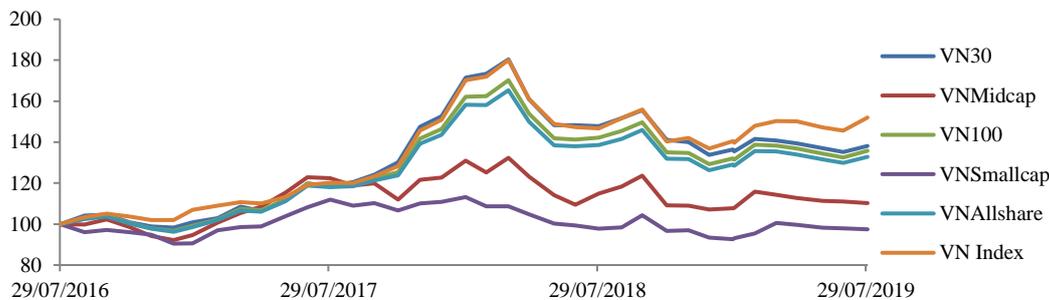
10%(Not applied for VNAllshare Sector)

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 29/07/2016 to 31/07/2019



* Indices values are simulatedly rebased to 100 at 29/07/2016

Indices Performance

	Performance (%)									Annualized Performance (%)	
	2016	2017	2018	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNAllShare	7.46%	48.27%	-12.02%	2.27%	-0.87%	3.39%	-4.17%	32.82%	50.44%	9.92%	8.51%
VN30	5.48%	53.89%	-12.36%	2.19%	-0.83%	1.98%	-6.48%	38.18%	38.64%	11.38%	6.75%
VNMidcap	8.24%	32.38%	-12.78%	-0.71%	-2.24%	2.07%	-4.08%	10.18%	64.54%	3.28%	10.47%
VN100	7.00%	50.21%	-11.68%	2.40%	-0.83%	3.30%	-4.51%	35.72%	51.30%	10.72%	8.63%
VNSmallcap	8.94%	22.54%	-15.81%	-0.40%	-2.23%	4.74%	-0.29%	-2.56%	34.05%	-0.86%	6.04%
VN-Index	14.82%	46.46%	-9.32%	4.39%	1.23%	8.90%	3.69%	52.04%	66.37%	14.99%	10.72%

Indices Volatility

	3 months	6 months	1 year	3 years	5 years
VNAllShare	5.32%	8.40%	13.60%	25.96%	32.66%
VN30	5.75%	8.73%	14.49%	28.53%	35.90%
VNMidcap	4.44%	7.53%	13.10%	25.54%	32.08%
VN100	5.49%	8.63%	13.99%	26.78%	33.58%
VNSmallcap	3.27%	5.64%	9.14%	18.48%	27.06%
VN Index	5.69%	8.69%	14.05%	27.31%	35.78%

Correlation of Indices with VN Index

	3 months	6 months	1 year	3 years	5 years
VNAllShare	96.55%	97.51%	97.24%	95.87%	94.70%
VN30	94.98%	95.61%	96.03%	95.61%	94.56%
VNMidcap	76.37%	76.13%	82.88%	78.61%	78.54%
VN100	96.35%	97.45%	97.20%	95.98%	94.80%
VNSmallcap	70.32%	64.66%	75.48%	68.94%	69.61%

Indices Characteristics

	VNAllshare	VN30	VNMidcap	VN100	VNSmallcap
Number of Constituents	249	30	70	100	149
Full Market-Capitalization (Billion VND)	2,847,153	2,463,294	294,633	2,757,926	89,226
Free-float adjusted Market-Capitalization (Billion VND)	994,829	806,742	143,875	950,617	44,212
Average	3,995	26,891	2,055	9,506	297
Max	122,461	122,461	10,666	122,461	1,789
Min	15	2,254	183	183	15
Median	439	18,774	1,639	2,295	223
Weighted capitalization of largest company	12.31%	15.18%	7.41%	12.88%	4.05%
Weighted capitalization of top-10 companies	56.55%	69.73%	39.74%	59.18%	21.80%

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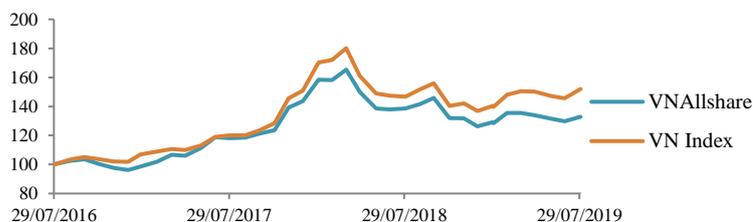
Index Characteristics

Number of Constituents	249
Full Market-Capitalization (Billion VND)	2,847,153
Free-float adjusted Market-Capitalization (Billion VND)	994,829
Average	3,995
Max	122,461
Min	15
Median	439
Weighted capitalization of largest company	12.31%
Weighted capitalization of top-10 companies	56.55%

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

Indices performance from 29/07/2016 to 31/07/2019



* Indices values are simulatedly rebased to 100 at 29/07/2016

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNAllshare	5.32%	8.40%	13.60%	25.96%	32.66%

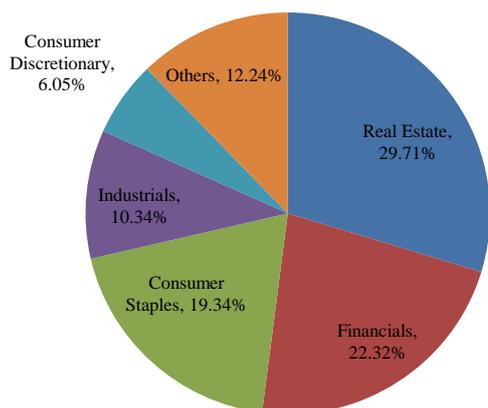
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNAllshare	96.55%	97.51%	97.24%	95.87%	94.70%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2016	2017	2018	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNAllshare	7.46%	48.27%	-12.02%	2.27%	-0.87%	3.39%	-4.17%	32.82%	50.44%	9.92%	8.51%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VIC	Real Estate	122,461	12.31%
2	VNM	Consumer Staples	107,271	10.78%
3	VHM	Real Estate	73,857	7.42%
4	TCB	Financials	46,706	4.69%
5	VRE	Real Estate	38,722	3.89%
6	MSN	Consumer Staples	37,406	3.76%
7	HPG	Materials	37,357	3.76%
8	VJC	Industrials	36,125	3.63%
9	VPB	Financials	31,901	3.21%
10	MWG	Consumer Discretionary	30,749	3.09%
	Total		562,556	56.55%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Real Estate	35	295,576	29.71%
Financials	24	222,073	22.32%
Consumer Staples	24	192,361	19.34%
Industrials	64	102,861	10.34%
Consumer Discretionary	31	60,191	6.05%

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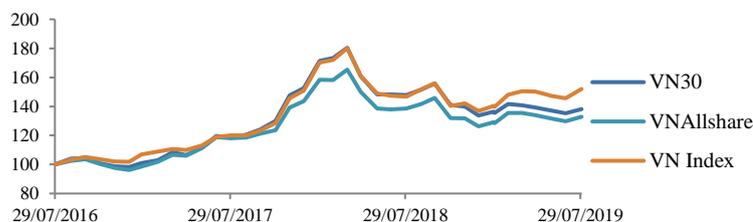
Index Characteristics

Number of Constituents	30
Full Market-Capitalization (Billion VND)	2,463,294
Free-float adjusted Market-Capitalization (Billion VND)	806,742
Average	26,891
Max	122,461
Min	2,254
Median	18,774
Weighted capitalization of largest company	15.18%
Weighted capitalization of top-10 companies	69.73%

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 29/07/2016 to 31/07/2019



* Indices values are simulatedly rebased to 100 at 29/07/2016

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VN30	5.75%	8.73%	14.49%	28.53%	35.90%

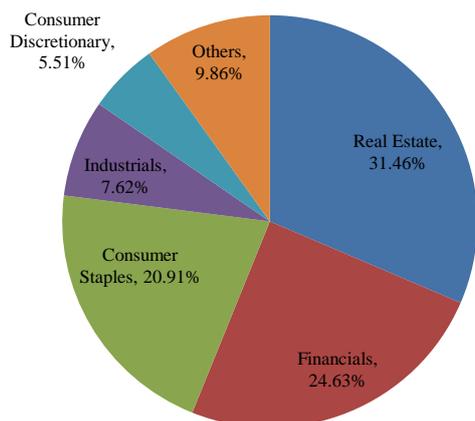
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VN30	94.98%	95.61%	96.03%	95.61%	94.56%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2016	2017	2018	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VN30	5.48%	53.89%	-12.36%	2.19%	-0.83%	1.98%	-6.48%	38.18%	38.64%	11.38%	6.75%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VIC	Real Estate	122,461	12.31%
2	VNM	Consumer Staples	107,271	10.78%
3	VHM	Real Estate	73,857	7.42%
4	TCB	Financials	46,706	4.69%
5	VRE	Real Estate	38,722	3.89%
6	MSN	Consumer Staples	37,406	3.76%
7	HPG	Materials	37,357	3.76%
8	VJC	Industrials	36,125	3.63%
9	VPB	Financials	31,901	3.21%
10	MWG	Consumer Discretionary	30,749	3.09%
	Total		562,556	69.73%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Real Estate	4	253,831	31.46%
Financials	9	198,734	24.63%
Consumer Staples	4	168,730	20.91%
Industrials	6	61,467	7.62%
Consumer Discretionary	2	44,430	5.51%

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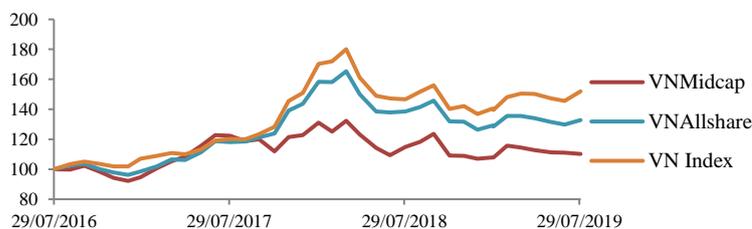
Index Characteristics

Number of Constituents	70
Full Market-Capitalization (Billion VND)	294,633
Free-float adjusted Market-Capitalization (Billion VND)	143,875
Average	2,055
Max	10,666
Min	183
Median	1,639
Weighted capitalization of largest company	7.41%
Weighted capitalization of top-10 companies	39.74%

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 29/07/2016 to 31/07/2019



* Indices values are simulatedly rebased to 100 at 29/07/2016

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNMidcap	4.44%	7.53%	13.10%	25.54%	32.08%

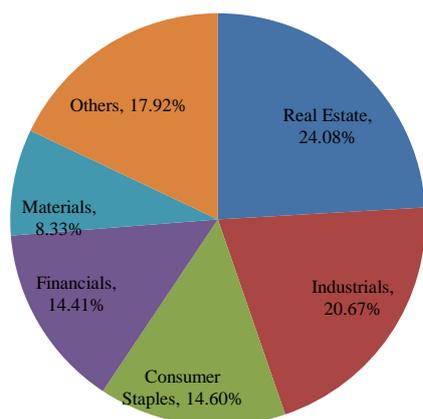
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNMidcap	76.37%	76.13%	82.88%	78.61%	78.54%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2016	2017	2018	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNMidcap	8.24%	32.38%	-12.78%	-0.71%	-2.24%	2.07%	-4.08%	10.18%	64.54%	3.28%	10.47%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	TPB	Financials	10,666	7.41%
2	KDH	Real Estate	7,252	5.04%
3	GEX	Industrials	7,180	4.99%
4	HNG	Consumer Staples	6,368	4.43%
5	KBC	Real Estate	5,197	3.61%
6	DXG	Real Estate	4,552	3.16%
7	TCH	Industrials	4,440	3.09%
8	NLG	Real Estate	3,992	2.77%
9	VCI	Financials	3,833	2.66%
10	VHC	Consumer Staples	3,697	2.57%
	Total		57,175	39.74%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Real Estate	13	34,640	24.08%
Industrials	13	29,734	20.67%
Consumer Staples	8	21,008	14.60%
Financials	7	20,727	14.41%
Materials	12	11,990	8.33%

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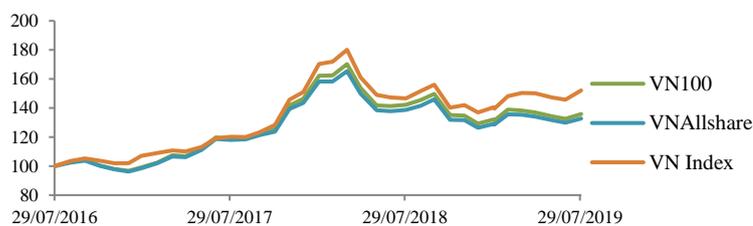
Index Characteristics

Number of Constituents	100
Full Market-Capitalization (Billion VND)	2,757,926
Free-float adjusted Market-Capitalization (Billion VND)	950,617
Average	9,506
Max	122,461
Min	183
Median	2,295
Weighted capitalization of largest company	12.88%
Weighted capitalization of top-10 companies	59.18%

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

Indices performance from 29/07/2016 to 31/07/2019



* Indices values are simulatedly rebased to 100 at 29/07/2016

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VN100	5.49%	8.63%	13.99%	26.78%	33.58%

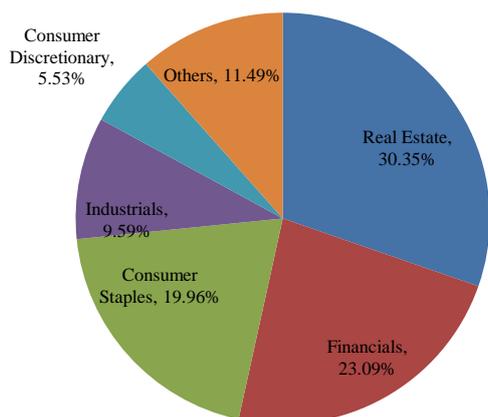
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VN100	96.35%	97.45%	97.20%	95.98%	94.80%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2016	2017	2018	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VN100	7.00%	50.21%	-11.68%	2.40%	-0.83%	3.30%	-4.51%	35.72%	51.30%	10.72%	8.63%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VIC	Real Estate	122,461	12.88%
2	VNM	Consumer Staples	107,271	11.28%
3	VHM	Real Estate	73,857	7.77%
4	TCB	Financials	46,706	4.91%
5	VRE	Real Estate	38,722	4.07%
6	MSN	Consumer Staples	37,406	3.93%
7	HPG	Materials	37,357	3.93%
8	VJC	Industrials	36,125	3.80%
9	VPB	Financials	31,901	3.36%
10	MWG	Consumer Discretionary	30,749	3.23%
	Total		562,556	59.18%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Real Estate	17	288,470	30.35%
Financials	16	219,461	23.09%
Consumer Staples	12	189,737	19.96%
Industrials	19	91,201	9.59%
Consumer Discretionary	8	52,532	5.53%

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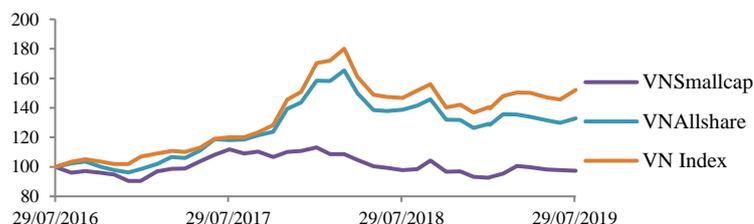
Index Characteristics

Number of Constituents	149
Full Market-Capitalization (Billion VND)	89,226
Free-float adjusted Market-Capitalization (Billion VND)	44,212
Average	297
Max	1,789
Min	15
Median	223
Weighted capitalization of largest company	4.05%
Weighted capitalization of top-10 companies	21.80%

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 29/07/2016 to 31/07/2019



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Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNSmallcap	3.27%	5.64%	9.14%	18.48%	27.06%

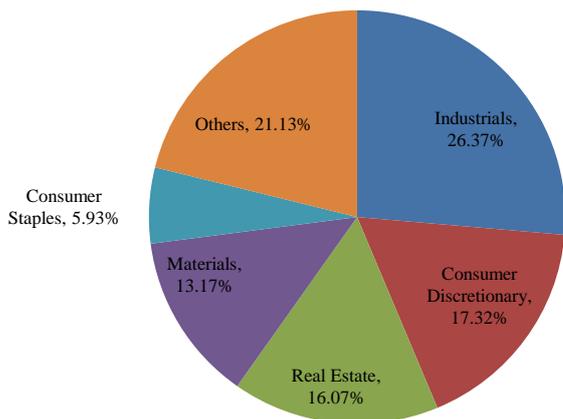
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNSmallcap	70.32%	64.66%	75.48%	68.94%	69.61%

Index Performance

	Performance (%)									Annualized Performance (%)	
	2016	2017	2018	1 month	3 months	6 months	1 year	3 years	5 years	3 years	5 years
VNSmallcap	8.94%	22.54%	-15.81%	-0.40%	-2.23%	4.74%	-0.29%	-2.56%	34.05%	-0.86%	6.04%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	DBD	Health Care	1,789	4.05%
2	DPG	Industrials	1,085	2.45%
3	DHC	Materials	1,064	2.41%
4	TCM	Consumer Discretionary	869	1.97%
5	LCG	Industrials	864	1.96%
6	FTS	Financials	830	1.88%
7	VNG	Consumer Discretionary	808	1.83%
8	HDC	Real Estate	779	1.76%
9	STK	Consumer Discretionary	774	1.75%
10	TDH	Real Estate	774	1.75%
	Total		9,637	21.80%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Industrials	45	11,660	26.37%
Consumer Discretionary	23	7,660	17.32%
Real Estate	18	7,105	16.07%
Materials	23	5,822	13.17%
Consumer Staples	12	2,623	5.93%

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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.

