

HOSE-Index Series

Data as at: 31 Oct 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)

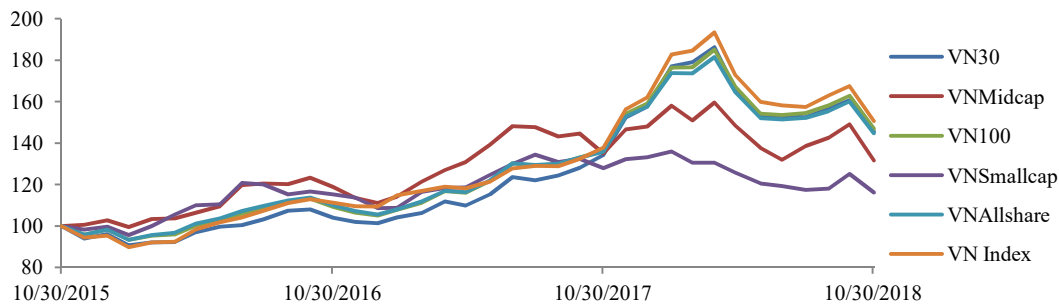
Index Methodology

Free-float adjusted market-capitalization weighted index.

Industry

Classification

Indices performance from 30/10/2015 to 31/10/2018



* Indices values are simulatedly rebased to 100 at 30/10/2015

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%	-9.54%	-4.80%	-12.02%	6.64%	44.80%	72.89%	13.13%	11.57%
VN30	-1.01%	5.48%	53.89%	-9.37%	-4.53%	-12.30%	8.41%	45.60%	62.28%	13.34%	10.17%
VNMidcap	17.19%	8.24%	32.28%	-11.68%	-5.00%	-11.35%	-2.53%	31.60%	93.73%	9.58%	14.14%
VN100	4.38%	7.00%	50.21%	-9.76%	-4.97%	-12.21%	7.75%	46.87%	72.80%	13.67%	11.56%
VNSmallcap	2.18%	8.94%	22.54%	-7.22%	-1.03%	-7.66%	-9.23%	16.18%	71.56%	5.13%	11.40%
VN Index	6.13%	14.82%	46.46%	-10.06%	-4.35%	-12.90%	9.25%	50.61%	83.90%	14.63%	12.96%

Indices Volatility

	3 months	6 months	1 year	3 years	5 years
VNAllShare	8.49%	15.88%	21.08%	26.16%	34.19%
VN30	9.05%	17.23%	23.16%	28.99%	37.36%
VNMidcap	8.86%	16.30%	20.70%	25.91%	34.02%
VN100	8.73%	16.39%	21.79%	26.98%	35.00%
VNSmallcap	6.03%	9.39%	13.16%	20.10%	31.46%
VN Index	9.03%	15.91%	22.63%	28.48%	36.98%

Correlation of Indices with VN Index

	3 months	6 months	1 year	3 years	5 years
VNAllShare	97.29%	97.82%	97.19%	94.73%	94.59%
VN30	96.86%	97.75%	97.28%	94.72%	94.59%
VNMidcap	90.58%	87.79%	83.07%	78.28%	79.43%
VN100	97.25%	97.82%	97.28%	94.82%	94.74%
VNSmallcap	86.68%	84.03%	77.15%	70.07%	70.04%

Indices Characteristics

	VNAllshare	VN30	VNMidcap	VN100	VNSmallcap
Number of Constituents	251	30	70	100	151
Full Market-Capitalization (Billion VND)	2,258,970	1,912,157	262,405	2,174,562	84,407
Free-float adjusted Market-Capitalization (Billion VND)	817,098	645,463	130,949	776,412	40,686
Average	3,255	21,515	1,871	7,764	269
Max	101,090	101,090	12,632	101,090	1,022
Min	20	2,100	223	223	20
Median	424	11,660	1,323	2,013	197
Weighted capitalization of largest company	12.37%	15.66%	9.65%	13.02%	2.51%
Weighted capitalization of top-10 companies	57.28%	72.51%	42.15%	60.28%	19.41%

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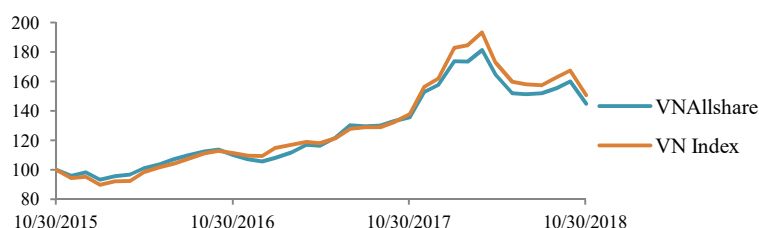
Index Characteristics

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Full Market-Capitalization (Billion VND)	2,258,970
Free-float adjusted Market-Capitalization (Billion VND)	817,098
Average	3,255
Max	101,090
Min	20
Median	424
Weighted capitalization of largest company	12.37%
Weighted capitalization of top-10 companies	57.28%

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 30/10/2015 to 31/10/2018



* Indices values are simulatedly rebased to 100 at 30/10/2015

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNAllshare	8.49%	15.88%	21.08%	26.16%	34.19%

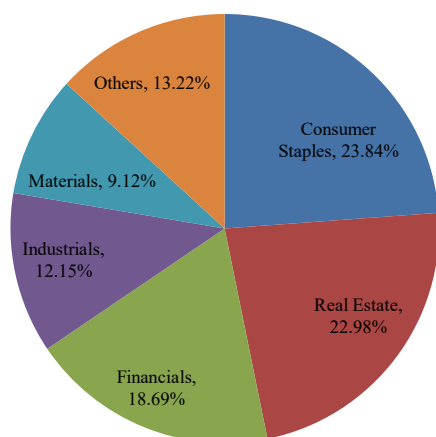
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNAllshare	97.29%	97.82%	97.19%	94.73%	94.59%

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%	-9.54%	-4.80%	-12.02%	6.64%	44.80%	72.89%	13.13%	11.57%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VNM	Consumer Staples	101,090	12.37%
2	VIC	Real Estate	93,068	11.39%
3	HPG	Materials	51,292	6.28%
4	MSN	Consumer Staples	43,444	5.32%
5	VPB	Financials	39,431	4.83%
6	VJC	Industrials	36,207	4.43%
7	VRE	Real Estate	31,229	3.82%
8	MBB	Financials	26,023	3.18%
9	MWG	Consumer Discretionary	23,672	2.90%
10	NVL	Real Estate	22,582	2.76%
Total			468,038	57.28%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Consumer Staples	25	194,784	23.84%
Real Estate	31	187,770	22.98%
Financials	21	152,705	18.69%
Industrials	67	99,289	12.15%
Materials	44	74,497	9.12%

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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.

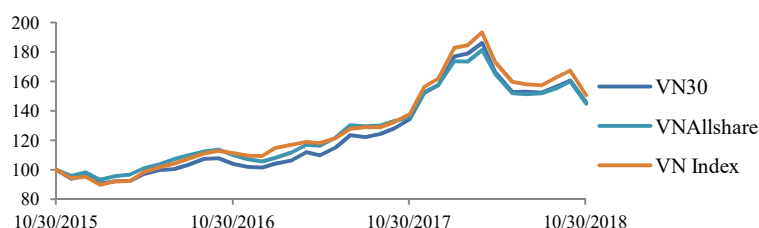
Index Characteristics

Number of Constituents	30
Full Market-Capitalization (Billion VND)	1,912,157
Free-float adjusted Market-Capitalization (Billion VND)	645,463
Average	21,515
Max	101,090
Min	2,100
Median	11,660
Weighted capitalization of largest company	15.66%
Weighted capitalization of top-10 companies	72.51%

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

Indices performance from 30/10/2015 to 31/10/2018



* Indices values are simulatedly rebased to 100 at 30/10/2015

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VN30	9.05%	17.23%	23.16%	28.99%	37.36%

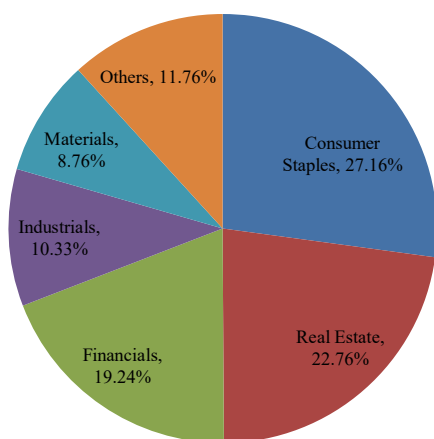
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VN30	96.86%	97.75%	97.28%	94.72%	94.59%

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%	-9.37%	-4.53%	-12.30%	8.41%	45.60%	62.28%	13.34%	10.17%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VNM	Consumer Staples	101,090	15.66%
2	VIC	Real Estate	93,068	14.42%
3	HPG	Materials	51,292	7.95%
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5	VPB	Financials	39,431	6.11%
6	VJC	Industrials	36,207	5.61%
7	VRE	Real Estate	31,229	4.84%
8	MBB	Financials	26,023	4.03%
9	MWG	Consumer Discretionary	23,672	3.67%
10	NVL	Real Estate	22,582	3.50%
Total			468,038	72.51%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Consumer Staples	5	175,285	27.16%
Real Estate	3	146,879	22.76%
Financials	6	124,169	19.24%
Industrials	7	66,648	10.33%
Materials	3	56,544	8.76%

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

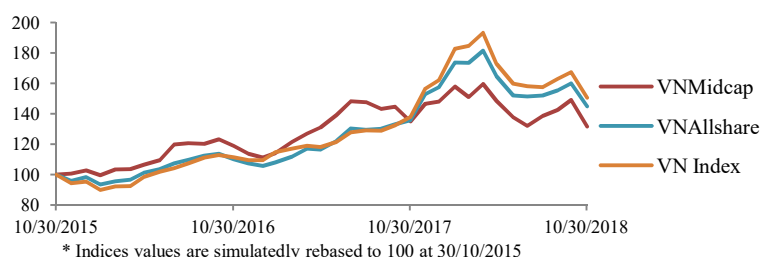
Index Characteristics

Number of Constituents	70
Full Market-Capitalization (Billion VND)	262,405
Free-float adjusted Market-Capitalization (Billion VND)	130,949
Average	1,871
Max	12,632
Min	223
Median	1,323
Weighted capitalization of largest company	9.65%
Weighted capitalization of top-10 companies	42.15%

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 30/10/2015 to 31/10/2018



Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNMidcap	8.86%	16.30%	20.70%	25.91%	34.02%

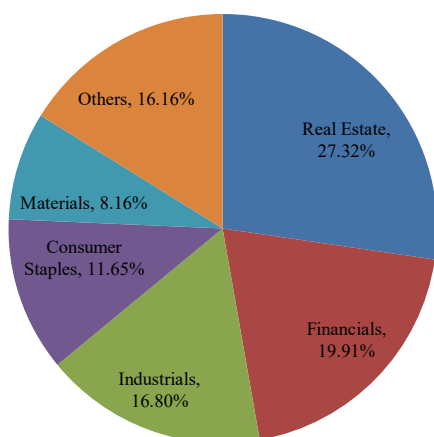
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNMidcap	90.58%	87.79%	83.07%	78.28%	79.43%

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%	-11.68%	-5.00%	-11.35%	-2.53%	31.60%	93.73%	9.58%	14.14%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	EIB	Financials	12,632	9.65%
2	KDH	Real Estate	7,999	6.11%
3	DXG	Real Estate	6,375	4.87%
4	VCI	Financials	5,967	4.56%
5	KBC	Real Estate	4,263	3.26%
6	TCH	Industrials	3,944	3.01%
7	VHC	Consumer Staples	3,904	2.98%
8	NLG	Real Estate	3,656	2.79%
9	HNG	Consumer Staples	3,268	2.50%
10	PVD	Energy	3,187	2.43%
Total			55,197	42.15%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Real Estate	13	35,780	27.32%
Financials	8	26,068	19.91%
Industrials	15	21,997	16.80%
Consumer Staples	7	15,262	11.65%
Materials	11	10,685	8.16%

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VN100 Index

Data as at: 31 Oct 2018

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

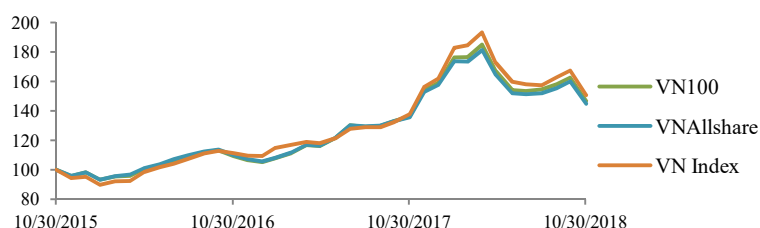
Index Characteristics

Number of Constituents	100
Full Market-Capitalization (Billion VND)	2,174,562
Free-float adjusted Market-Capitalization (Billion VND)	776,412
Average	7,764
Max	101,090
Min	223
Median	2,013
Weighted capitalization of largest company	13.02%
Weighted capitalization of top-10 companies	60.28%

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 30/10/2015 to 31/10/2018



* Indices values are simulatedly rebased to 100 at 30/10/2015

Index Volatility

	3 months	6 months	1 year	3 years	5 years
VN100	8.73%	16.39%	21.79%	26.98%	35.00%

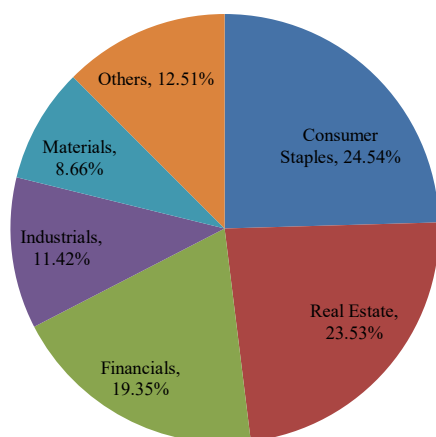
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VN100	97.25%	97.82%	97.28%	94.82%	94.74%

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%	-9.76%	-4.97%	-12.21%	7.75%	46.87%	72.80%	13.67%	11.56%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	VNM	Consumer Staples	101,090	13.02%
2	VIC	Real Estate	93,068	11.99%
3	HPG	Materials	51,292	6.61%
4	MSN	Consumer Staples	43,444	5.60%
5	VPB	Financials	39,431	5.08%
6	VJC	Industrials	36,207	4.66%
7	VRE	Real Estate	31,229	4.02%
8	MBB	Financials	26,023	3.35%
9	MWG	Consumer Discretionary	23,672	3.05%
10	NVL	Real Estate	22,582	2.91%
Total			468,038	60.28%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Consumer Staples	12	190,547	24.54%
Real Estate	16	182,660	23.53%
Financials	14	150,237	19.35%
Industrials	22	88,644	11.42%
Materials	14	67,230	8.66%

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VNSmallcap Index

Data as at: 31 Oct 2018

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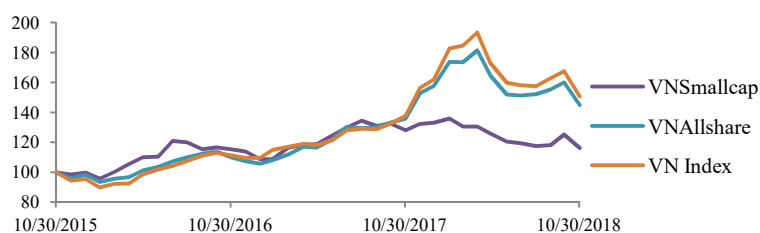
Index Characteristics

Number of Constituents	151
Full Market-Capitalization (Billion VND)	84,407
Free-float adjusted Market-Capitalization (Billion VND)	40,686
Average	269
Max	1,022
Min	20
Median	197
Weighted capitalization of largest company	2.51%
Weighted capitalization of top-10 companies	19.41%

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 30/10/2015 to 31/10/2018



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Index Volatility

	3 months	6 months	1 year	3 years	5 years
VNSmallcap	6.03%	9.39%	13.16%	20.10%	31.46%

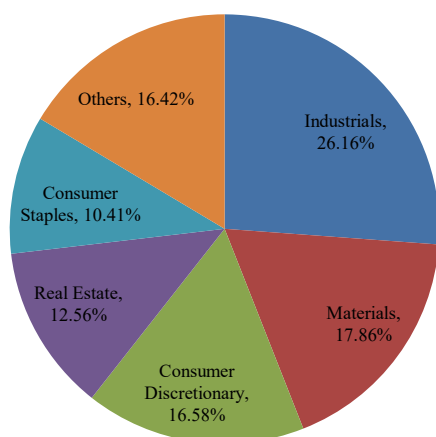
Correlation with VN Index

	3 months	6 months	1 year	3 years	5 years
VNSmallcap	86.68%	84.03%	77.15%	70.07%	70.04%

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%	-7.22%	-1.03%	-7.66%	-9.23%	16.18%	71.56%	5.13%	11.40%

Sector Breakdown



Top-10 Constituents of Market Capitalization

	Stock	Sector	Free-float adjusted market-cap (Billion VND)	Weight (%)
1	IDI	Consumer Staples	1,022	2.51%
2	DHC	Materials	896	2.20%
3	FTS	Financials	797	1.96%
4	ANV	Consumer Staples	785	1.93%
5	VNG	Consumer Discretionary	776	1.91%
6	TCM	Consumer Discretionary	757	1.86%
7	TDH	Real Estate	742	1.82%
8	VFG	Materials	728	1.79%
9	DRH	Real Estate	719	1.77%
10	CVT	Materials	675	1.66%
Total			7,896	19.41%

Top-5 Sectors of Market Capitalization

Sector	Number of Companies	Free-float adjusted market-cap (Billion VND)	Weight (%)
Industrials	45	10,645	26.16%
Materials	30	7,268	17.86%
Consumer Discretionary	21	6,747	16.58%
Real Estate	15	5,110	12.56%
Consumer Staples	13	4,237	10.41%

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Hochiminh Stock Exchange

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Phone: (84.8) 3821.7713 - Fax: (84.8) 3821.7452

Website: www.hsx.vn



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.

