

# STOXX® JAPAN DIVERSIFICATION SELECT 50 JPY INDEX

## Index description

The STOXX Diversification Select family of indices captures the performance of stocks with low correlation, low volatility and high dividends, derived from established STOXX benchmark indices. The component selection process first excludes all stocks with the highest 12-months average correlation with all other stocks of the benchmark, then excludes stocks whose previous 3- and 12-month historical volatilities are the highest. Among the remaining stocks, the stocks with the highest 12-month historical dividend yields are selected to be included in the index. The percentage of exclusion/inclusion at each step is the same. Those constituents are weighted according to the inverse of their volatility, with a cap at 10%. The indices are reviewed quarterly.

## Key facts

- » Diversification brought by excluding highly correlated stocks
- » Balanced approach between the different screenings
- » Lower volatility stocks get the biggest weight
- » Liquid benchmark

## Descriptive statistics

Index	Market cap (JPY bn.)		Components (JPY bn.)				Component weight (%)		Turnover (%)
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
STOXX Japan Diversification Select 50 JPY Index	N/A	146.8	2.9	3.0	3.6	1.9	2.5	1.3	66.2
STOXX Japan 600 Index	719,416.3	608,757.4	1014.6	357.5	23,711.1	72.2	3.9	0.0	2.5

## Supersector weighting (top 10)



## Country weighting



## Risk and return figures<sup>1</sup>

Index returns	Return (%)					Annualized return (%)				
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Japan Diversification Select 50 JPY Index	0.3	2.9	4.1	19.9	18.2	N/A	N/A	4.1	6.3	3.4
STOXX Japan 600 Index	3.7	14.1	13.7	45.8	38.3	N/A	N/A	13.8	13.5	6.8
Index volatility and risk	Annualized volatility (%)					Annualized Sharpe ratio <sup>2</sup>				
STOXX Japan Diversification Select 50 JPY Index	9.3	10.2	11.2	12.4	16.6	N/A	N/A	0.2	0.5	0.2
STOXX Japan 600 Index	10.5	12.4	14.6	16.0	16.8	N/A	N/A	0.8	0.8	0.4
Index to benchmark	Correlation					Tracking error (%)				
STOXX Japan Diversification Select 50 JPY Index	0.2	0.6	0.6	0.7	0.6	11.2	10.6	11.9	11.8	14.7
Index to benchmark	Beta					Annualized information ratio				
STOXX Japan Diversification Select 50 JPY Index	0.2	0.5	0.5	0.5	0.6	-3.4	-2.5	-0.8	-0.7	-0.3

<sup>1</sup> For information on data calculation, please refer to STOXX calculation reference guide.

<sup>2</sup> Based on EURIBOR1M

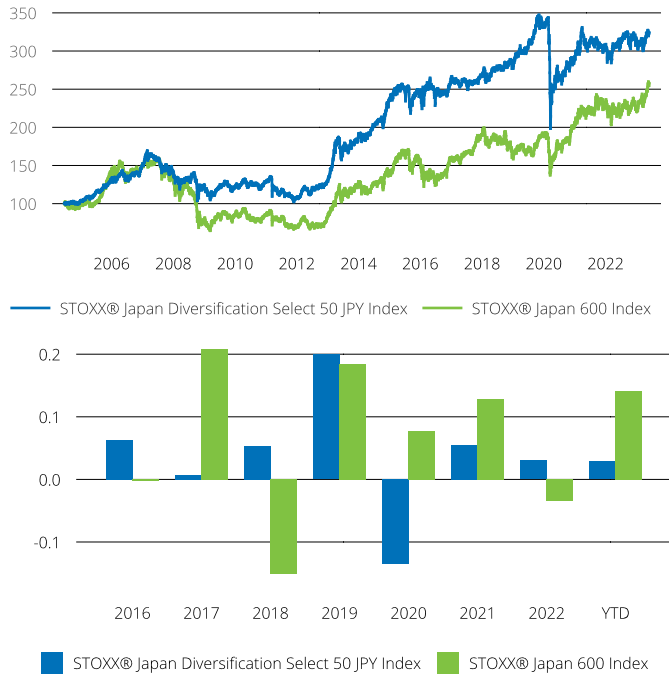
(JPY, gross return), all data as of May 31, 2023

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## Fundamentals (for last 12 months)

Index	Price/earnings incl. negative		Price/earnings excl. negative		Price/ book	Dividend yield (%) <sup>3</sup>	Price/ sales	Price/ cash flow
	Trailing	Projected	Trailing	Projected	Trailing	Trailing	Trailing	Trailing
STOXX Japan Diversification Select 50 JPY Index	18.6	14.4	18.6	14.4	1.1	3.8	1.3	19.6
STOXX Japan 600 Index	15.0	13.9	13.9	13.8	1.3	2.6	0.9	18.2

## Performance and annual returns<sup>4</sup>



## Methodology

All stocks in the relevant base universe are screened for 12-month historical daily pricing data and 12-month historical dividend yield. If one or both values are not available for a stock, the company is removed from the base universe.

For all remaining stocks, a correlation number is calculated as the average of the 12-month correlation of daily logarithmic returns in the currency of the Diversification Select index with all other stocks in the base universe. Those stocks are then ranked according to this number in ascending order and the bottom 1-x% is excluded (x% being calculated as the cubic root of the number of stocks in the base universe divided by the target number of stocks in the Diversification Select index).

All remaining stocks are then ranked in ascending order in terms of volatility (maximum between the 3-months and 12-months historical volatility calculated in the currency of the Diversification Select index) and all stocks which do not belong to the top x% are excluded.

## Versions and symbols

Index	ISIN	Symbol	Bloomberg	Reuters
Gross Return JPY	CH0298437010	SXJDSJG		.SXJDSJG
Gross Return JPY	CH0298437010	SXJDSJG		.SXJDSJG
Gross Return JPY	CH0298437010	SXJDSJG		.SXJDSJG
Net Return JPY	CH0298437002	SXJDSJN		.SXJDSJN
Net Return JPY	CH0298437002	SXJDSJN		.SXJDSJN
Price JPY	CH0298436996	SXJDSJP		.SXJDSJP
Price JPY	CH0298436996	SXJDSJP		.SXJDSJP
Price JPY	CH0298436996	SXJDSJP		.SXJDSJP

Complete list available here: [www.stoxx.com/data/vendor\\_codes.html](http://www.stoxx.com/data/vendor_codes.html)

## Quick facts

Weighting	Volatility weighted
Cap factor	10%
No. of components	Variable
Review frequency	Quarterly
Calculation/distribution	Price: real-time (every 15 seconds). Net and gross return: end-of-
Calculation hours	Please see data vendor codes sheet on <a href="http://www.stoxx.com/data">www.stoxx.com/data</a>
Base value/base date	100 as of Jun. 21, 2004
History	Available from Jun. 21, 2004
Inception date	Oct. 14, 2015
To learn more about the inception date, the currency, the calculation hours and historical values, please see our data vendor code sheet.	

## CONTACT DETAILS

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## BACKTESTED PERFORMANCE

This document contains index performance data based on backtesting, i.e. calculations of how the index might have performed prior to launch if it had existed using the same index methodology and based on historical constituents. Backtested performance information is purely hypothetical and is provided in this document solely for information purposes. Backtested performance does not represent actual performance and should not be interpreted as an indication of actual performance.

## CUSTOMIZATION

The index can be used as a basis for the definition of STOXX® Customized Indices, which can be tailored to specific client or mandate needs. STOXX offers customization in almost unlimited forms for example in terms of component selection, weighting schemes and personalized calculation methodologies.

<sup>3</sup> gr. div. yield is calculated as gr. return index return minus price index return

<sup>4</sup> STOXX data from Jun. 21, 2004 to May 31, 2023

(JPY, gross return), all data as of May 31, 2023

## STOXX® JAPAN DIVERSIFICATION SELECT 50 JPY INDEX

Top 10 Components<sup>5</sup>

Company	Supersector	Country	Weight (%)
KENEDIX RETAIL REIT	Real Estate	Japan	2.47
GLB.ONE RLST.INV.	Real Estate	Japan	2.47
NIPPON ACCOMMS.FD.	Real Estate	Japan	2.41
Daiwa Securities Living Inves.	Real Estate	Japan	2.32
JAPAN EXCELLENT	Real Estate	Japan	2.31
NOMURA REIT.MASTER FUND	Real Estate	Japan	2.30
JAPAN LOGISTICS FUND	Real Estate	Japan	2.29
FUKUOKA REIT	Real Estate	Japan	2.27
LASALLE LOGIPORT REIT	Real Estate	Japan	2.23
Seven Bank Ltd.	Banks	Japan	2.22

<sup>5</sup> Based on the composition as of May 31, 2023