

# ISTOXX<sup>®</sup> EUROPE DEMOGRAPHY 50 INDEX

## Stated objective

The iSTOXX Europe Demography 50 Index is derived from the STOXX Europe 600 Index; it selects stocks from sectors that will be impacted by demographic changes, which pay high dividends and display low volatility. Constraints on the number of constituents per industry are applied. The index composition is reviewed on a quarterly basis.

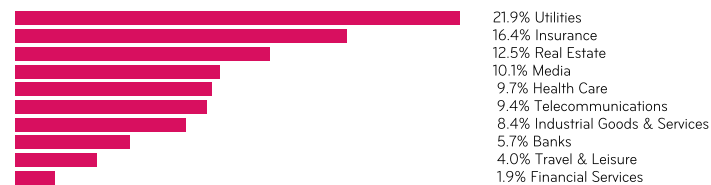
## Key facts

- » Selection from one of Europe's most representative and liquid indices, the STOXX Europe 600 Index
- » First-of-its-kind concept that focuses on seven industries that will be impacted by demographic changes
- » Rules to prevent certain companies and industries from being overweight
- » Rules to limit turnover

## Descriptive statistics

Index	Market cap (USD bn.)		Components (USD bn.)				Component weight (%)		Turnover (%)
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
iSTOXX Europe Demography 50 Index	1,339.7	1,180.9	2.2	2.1	2.9	1.8	2.7	1.7	94.9
STOXX Europe 600 Index	10,398.7	8,441.8	14.1	5.8	237.5	1.2	2.8	0.0	2.8

## 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
iSTOXX Europe Demography 50 Index	-0.2	4.9	4.9	37.6	53.7	-2.6	4.8	4.8	10.9	8.7
STOXX Europe 600 Index	-2.3	-1.6	-1.6	16.9	24.1	-23.4	-1.6	-1.6	5.2	4.3
Index volatility and risk	Annualized volatility (%)					Annualized Sharpe ratio <sup>2</sup>				
iSTOXX Europe Demography 50 Index	11.0	14.5	14.5	12.2	16.4	-0.3	0.3	0.3	0.8	0.5
STOXX Europe 600 Index	14.6	17.0	17.0	14.8	19.7	-1.6	-0.1	-0.1	0.3	0.2
Index to benchmark	Correlation					Tracking error (%)				
iSTOXX Europe Demography 50 Index	1.0	1.0	1.0	0.9	1.0	5.4	5.5	5.5	5.0	5.7
Index to benchmark	Beta					Annualized information ratio				
iSTOXX Europe Demography 50 Index	0.7	0.8	0.8	0.8	0.8	3.6	1.0	1.0	1.0	0.6

<sup>1</sup> For information on data calculation, please refer to STOXX [calculation reference guide](#).

<sup>2</sup> Based on Euribor1m

(USD, net return), all data as of Dec. 31, 2015

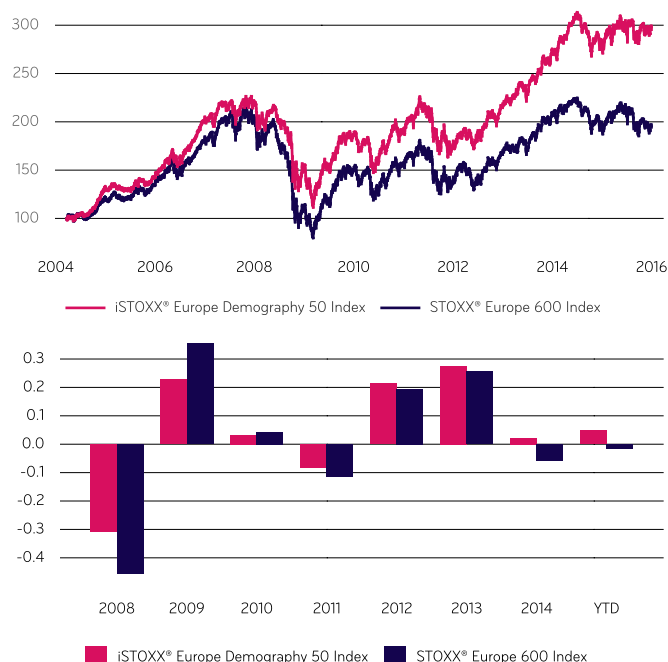
## ISTOXX INDICES

# ISTOXX® EUROPE DEMOGRAPHY 50 INDEX

### Fundamentals (for last 12 months)

Index	Price/earnings incl. negative		Price/earnings excl. negative		Price/book	Dividend yield (%) <sup>4</sup>	Price/sales	Price/cash flow
	Trailing	Projected	Trailing	Projected				
iSTOXX Europe Demography 50 Index	15.4	15.0	14.8	14.6	1.7	3.8	1.3	9.6
STOXX Europe 600 Index	52.6	15.6	16.8	15.5	1.7	2.5	1.0	7.0

### Performance and annual returns<sup>3</sup>



### Methodology

The index universe is all companies in the STOXX Europe 600 Index. In a first step, all companies are ranked into seven groups according to their ICB sector code: Finance, Infrastructure, Leisure & Luxury, Pharmaceuticals, Resources, Real Estate, and Telecom & Media & Tech. All stocks whose ICB sector is not relevant are excluded. In each group, the top dividend payers are selected. In a second step, all remaining companies are ranked in ascending order by their 12-month historical volatility. The top 50 constituents are selected while applying a 40-60 buffer rule and a cap of maximum 15 stocks per group. All selected stocks are weighted according to the inverse of their 12-month historical volatility, with a 10% cap.

### Versions and symbols

Index	ISIN	Symbol	Bloomberg	Reuters
Gross Return EUR	CH0290807319	SXED50GR		.SXED50GR
Net Return EUR	CH0290807285	SXED50R		.SXED50R
Price EUR	CH0290807160	SXED50P	SXED50P INDEX	.SXED50P
Gross Return USD	CH0290807590	SXED50GV		.SXED50GV
Net Return USD	CH0290807582	SXED50V		.SXED50V
Price USD	CH0290807327	SXED50L		.SXED50L

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

### Quick facts

Weighting	Inverse of the 12-month historical volatility
Cap factor	10%
No. of components	50
Review frequency	Quarterly
Calculation/distribution	Price, net and gross return in EUR and USD
Calculation hours	Price: real-time (9:00 am to 6:00 pm), others: end of day (6:00 pm)
Base value/base date	100 as of Mar. 22, 2004
History	Available from Mar. 22, 2004
Inception date	Aug. 13, 2015

To learn more about the inception date, the currency, the calculation hours and historical values, please see our data vendor code sheet.

<sup>3</sup> STOXX data from Mar. 22, 2004 to Dec. 31, 2015

<sup>4</sup> Net dividend yield is calculated as net return index return minus price index return

(USD, net return), all data as of Dec. 31, 2015

### CONTACT DETAILS

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### 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.

### DISCLAIMER

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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.

## ISTOXX® EUROPE DEMOGRAPHY 50 INDEX

Top 10 Components<sup>5</sup>

<b>Company</b>	<b>Supersector</b>	<b>Country</b>	<b>Weight (%)</b>
COFINIMMO	Real Estate	BE	2.69
KUEHNE + NAGEL	Industrial Goods & Services	CH	2.46
SWISS REINSURANCE COMPANY	Insurance	CH	2.37
IBERDROLA	Utilities	ES	2.33
DIRECT LINE INSURANCE GROUP	Insurance	GB	2.24
ABERTIS INFRASTRUCTURAS	Industrial Goods & Services	ES	2.23
GREENE KING	Travel & Leisure	GB	2.21
TERNA	Utilities	IT	2.20
ZURICH INSURANCE GROUP	Insurance	CH	2.17
ENAGAS	Utilities	ES	2.13

<sup>5</sup> Based on the composition as of Dec. 31, 2015

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