TOTAL MARKET INDICES STOXX® EUROPE TOTAL MARKET TELECOMMUNICATIONS INDEX

Index description

The STOXX Total Market Indices (TMI) cover 95% of the free-float market cap of the relevant investable stock universe by region or country. The STOXX Global TMI serves as the basis for all regional and country TMI indices.

All TMI indices offer exposure to global equity markets with the broadest diversification within the STOXX equity universe in terms of regions, currencies and sectors.

Key facts

»With 95% coverage of the free-float market cap of the relevant investable stock universe per region, the index forms a unique benchmark for a truly global investment approach

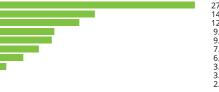
Descriptive statistics

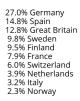
Index	Market cap (USD bn.)		Components (USD bn.)			Component weight (%)		Turnover (%)	
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
STOXX Europe Total Market Telecommunications Index	435.0	304.2	6.3	1.3	75.9	0.0	24.9	0.0	3.8
STOXX Europe Total Market Index	16,062.6	12,056.7	6.3	1.0	329.2	0.0	2.7	0.0	2.8

Supersector weighting (top 10)



Country weighting





Risk and return figures¹

Index returns				R	eturn (%)			An	nualized ret	turn (%)
	Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
STOXX Europe Total Market Telecommunications Index	0.2	8.8	-3.6	1.4	-12.4	N/A	N/A	-3.6	0.5	-2.7
STOXX Europe Total Market Index	3.3	16.6	18.6	32.3	26.9	N/A	N/A	18.8	9.9	4.9
Index volatility and risk	Annualized volatility (%) Annualized Sharpe ratio						pe ratio²			
STOXX Europe Total Market Telecommunications Index	14.2	15.4	18.6	17.6	19.3	N/A	N/A	-0.2	-0.0	-0.1
STOXX Europe Total Market Index	15.8	16.4	19.8	19.6	20.6	N/A	N/A	0.8	0.5	0.2
Index to benchmark		Correlation Tracking err						error (%)		
STOXX Europe Total Market Telecommunications Index	0.7	0.7	0.8	0.8	0.8	11.3	12.1	12.0	11.3	12.0
Index to benchmark	Beta Annualized information r						ation ratio			
STOXX Europe Total Market Telecommunications Index	0.7	0.7	0.8	0.7	0.8	-3.4	-1.1	-1.8	-0.9	-0.7

¹ For information on data calculation, please refer to STOXX <u>calculation reference guide</u> ² Based on EURIBOR1M

Based on EURIBOR1M



(USD, net return), all data as of Jul. 31, 2023

STOXX Ltd. is part of Qontigo

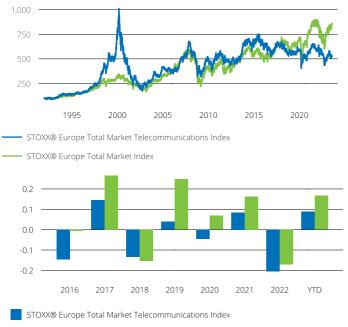
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Fundamentals (for last 12 months)

Index		Price/earnings incl. negative		Price/earnings excl. negative		Dividend yield (%) ³	Price/ sales	Price/ cash flow	
	Trailing	Projected	Trailing	Projected	Trailing	Trailing	Trailing	Trailing	
STOXX Europe Total Market Telecommunications Index	-28.4	14.6	14.0	12.7	1.4	3.8	0.9	0.4	
STOXX Europe Total Market Index	20.0	13.5	14.0	13.1	1.9	3.1	1.1	5.9	

Methodology

Performance and annual returns⁴



STOXX® Europe Total Market Index

Versions and symbols

Index		ISIN	Symbol	Bloomberg	Reuters
Net Return	EUR	CH0009106391	BTER	BTER INDEX	.BTER
Net Return	EUR	CH0009106391	BTER	BTER INDEX	.BTER
Net Return	EUR	CH0009106391	BTER	BTER INDEX	.BTER
Price	EUR	CH0009106300	BTEP	BTEP INDEX	.BTEP
Price	EUR	CH0009106300	BTEP	BTEP INDEX	.BTEP
Price	EUR	CH0009106300	BTEP	BTEP INDEX	.BTEP
Net Return	USD	CH0009106425	BTEV	BTEV INDEX	.BTEV
Net Return	USD	CH0009106425	BTEV	BTEV INDEX	.BTEV
Net Return	USD	CH0009106425	BTEV	BTEV INDEX	.BTEV
Price	USD	CH0009106367	BTEL	BTEL INDEX	.BTEL

Quick facts

Weighting	Free-float market cap			
Cap factor	No			
No. of components	Variable			
Review frequency	Quarterly			
To learn more about the inception date, the currency, the calculation hours and historical values, please				

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

The STOXX Global TMI Index comprises all shares of the eligible STOXX universe. The other regional TMI indices consist of components of the relevant Total Market Country indices. The detailed methodology including

the calculation formula can be found in our rulebook:

www.stoxx.com/indices/rulebooks.html

Complete list available here: www.stoxx.com/data/vendor_codes.html

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BACKTESTED PERFORMANCE

DACK ICS IED 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.

³ Net dividend yield is calculated as net return index return minus price index return <u>⁴ STOXX data from Dec. 31, 1991 to Jul. 31, 2023</u>

(USD, net return), all data as of Jul. 31, 2023

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Top 10 Components⁵

Company	Supersector	Country	Weight (%)	
DEUTSCHE TELEKOM	Telecommunications	Germany	24.93	
TELEFONICA	Telecommunications	Spain	8.08	
ORANGE	Telecommunications	France	7.64	
VODAFONE GRP	Telecommunications	Great Britain	7.30	
NOKIA	Telecommunications	Finland	6.90	
CELLNEX TELECOM	Telecommunications	Spain	6.67	
SWISSCOM	Telecommunications	Switzerland	5.40	
ERICSSON LM B	Telecommunications	Sweden	5.10	
KPN	Telecommunications	Netherlands	3.94	
BT GRP	Telecommunications	Great Britain	3.60	

 $^{\rm 5}$ Based on the composition as of Jul. 31, 2023