STOXX INDICES STOXX® US TELECOMMUNICATIONS INDEX

Index description

The STOXX US Telecommunications Index is a market cap weighted index designed to represent the performance of the Large and Mid Cap companies from US in the ICB Telecommunications Industry. STOXX US

Telecommunications Index is suitable for global investment products which include funds, exchange traded funds, and derivatives and can also be used for further building block approach strategies when appropriate. It follows a robust and modular framework which enables investors to utilize this index for a variety of investment objectives whilst using a consistent approach. It is derived from the STOXX World Equity Index series and its countries follow the STOXX World Country Classification Framework.

Key facts

»Broad, yet liquid coverage of Large and Mid cap companies that supports clients' global investment decisions whilst avoiding home biases.

»A consistent and transparent methodology which fully embraces global standards of governance.

»Can serve as a basis for numerous derived strategies.

»Constructed using STOXX World Methodology.

»Its countries follow the STOXX World Country classification framework.

Descriptive statistics

Market cap (USD bn.)		Components (USD bn.)		(USD bn.)	Component weight (%)		Turnover (%)	
Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
1,023.2	905.1	60.3	40.3	213.1	1.1	23.5	0.1	2.4
42,337.9	40,487.1	66.3	26.4	2,940.1	0.5	7.3	0.0	2.3
	Full 1,023.2	Full Free-float 1,023.2 905.1	Full Free-float Mean 1,023.2 905.1 60.3	Full Free-float Mean Median 1,023.2 905.1 60.3 40.3	Full Free-float Mean Median Largest 1,023.2 905.1 60.3 40.3 213.1	Full Free-float Mean Median Largest Smallest 1,023.2 905.1 60.3 40.3 213.1 1.1	Full Free-float Mean Median Largest Smallest Largest 1,023.2 905.1 60.3 40.3 213.1 1.1 23.5	Full Free-float Mean Median Largest Smallest Largest Smallest 1,023.2 905.1 60.3 40.3 213.1 1.1 23.5 0.1

Supersector weighting (top 10)

100.0% Telecommunications

Country weighting

100.0% United States

Risk and return figures¹

Return (%) Annualized return						turn (%)			
Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	ЗY	5Y
0.4	5.7	-0.1	-6.2	11.0	N/A	N/A	-0.1	-2.1	2.1
3.4	21.1	12.7	41.8	71.8	N/A	N/A	12.6	12.3	11.4
Annualized volatility (%) Annualized Sharpe					rpe ratio ²				
15.0	16.0	18.7	16.8	19.8	N/A	N/A	-0.2	-0.1	0.1
9.0	13.9	19.0	18.6	22.0	N/A	N/A	0.6	0.6	0.5
Correlation Tra				Tracking	error (%)				
0.2	0.6	0.8	0.7	0.8	15.9	13.2	12.4	12.7	12.2
Beta Annualized informa					ation rati				
0.3	0.7	0.8	0.7	0.8	-2.3	-1.8	-1.0	-1.2	-0.8
	0.4 3.4 15.0 9.0 0.2	0.4 5.7 3.4 21.1 15.0 16.0 9.0 13.9 0.2 0.6	0.4 5.7 -0.1 3.4 21.1 12.7 15.0 16.0 18.7 9.0 13.9 19.0 0.2 0.6 0.8	Last month YTD 1Y 3Y 0.4 5.7 -0.1 -6.2 3.4 21.1 12.7 41.8 Annualized 16.0 18.7 16.8 9.0 13.9 19.0 18.6 0.2 0.6 0.8 0.7	Last month YTD 1Y 3Y 5Y 0.4 5.7 -0.1 -6.2 11.0 3.4 21.1 12.7 41.8 71.8 Annualized volatility (%) 15.0 16.0 18.7 16.8 19.8 9.0 13.9 19.0 18.6 22.0 Correlation 0.2 0.6 0.8 0.7 0.8 Beta	Last month YTD 1Y 3Y 5Y Last month 0.4 5.7 -0.1 -6.2 11.0 N/A 3.4 21.1 12.7 41.8 71.8 N/A Annualized volatility (%) 15.0 16.0 18.7 16.8 19.8 N/A 9.0 13.9 19.0 18.6 22.0 N/A Correlation 0.2 0.6 0.8 0.7 0.8 15.9 Beta	Last month YTD 1Y 3Y 5Y Last month YTD 0.4 5.7 -0.1 -6.2 11.0 N/A N/A 3.4 21.1 12.7 41.8 71.8 N/A N/A Annualized volatility (%) 15.0 16.0 18.7 16.8 19.8 N/A N/A 9.0 13.9 19.0 18.6 22.0 N/A N/A Correlation 0.2 0.6 0.8 0.7 0.8 15.9 13.2 Beta	Last month YTD 1Y 3Y 5Y Last month YTD 1Y 0.4 5.7 -0.1 -6.2 11.0 N/A N/A -0.1 3.4 21.1 12.7 41.8 71.8 N/A N/A 12.6 Annualized volatility (%) 15.0 16.0 18.7 16.8 19.8 N/A N/A -0.2 9.0 13.9 19.0 18.6 22.0 N/A N/A 0.6 Correlation 0.2 0.6 0.8 0.7 0.8 15.9 13.2 12.4 Beta Annualized volatility	Last month YTD 1Y 3Y 5Y Last month YTD 1Y 3Y 0.4 5.7 -0.1 -6.2 11.0 N/A N/A -0.1 -2.1 3.4 21.1 12.7 41.8 71.8 N/A N/A 12.6 12.3 Annualized volatility (%) Annualized Shar 15.0 16.0 18.7 16.8 19.8 N/A N/A -0.2 -0.1 9.0 13.9 19.0 18.6 22.0 N/A N/A 0.6 0.6 Correlation Tracking 0.2 0.6 0.8 0.7 0.8 15.9 13.2 12.4 12.7 Beta Annualized information

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

² Based on EURIBOR1M



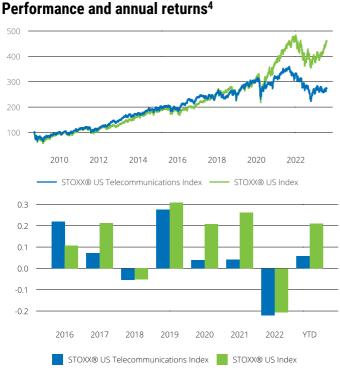
(USD, net return), all data as of Jul. 31, 2023

STOXX Ltd. is part of Qontigo

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Fundamentals (for last 12 months)

Index		Price/earnings incl. negative		Price/earnings excl. negative	Price/ book	Dividend yield (%) ³	Price/ sales	Price/ cash flow
	Trailing	Projected	Trailing	Projected	Trailing	Trailing	Trailing	Trailing
STOXX US Telecommunications Index	24.4	11.3	15.9	10.8	2.3	2.4	1.7	9.8
STOXX US Index	28.3	21.9	24.6	21.3	0.1	1.3	2.6	16.0



Methodology

The STOXX US Telecommunications Index is a market cap weighted index designed to represent the performance of the Large and Mid Cap companies from US in the ICB Telecommunications Industry. STOXX US Telecommunications Index is suitable for global investment products which include funds, exchange traded funds, and derivatives and can also be used for further building block approach strategies when appropriate. It follows a robust and modular framework which enables investors to utilize this index for a variety of investment objectives whilst using a consistent approach. It is derived from the STOXX World Equity Index series and its countries follow the STOXX World Country Classification Framework.

Versions and symbols

	ISIN	Symbol	Bloomberg	Reuters
EUR	CH1213351518	SWUS15GR		.SWUS15GR
EUR	CH1213351500	SWUS15R		.SWUS15R
EUR	CH1213351526	SWUS15P		.SWUS15P
USD	CH1213351484	SWUS15GV		.SWUS15GV
USD	CH1213351476	SWUS15V		.SWUS15V
USD	CH1213351492	SWUS15L		.SWUS15L
	EUR USD USD	EUR CH1213351518 EUR CH1213351500 EUR CH1213351526 USD CH1213351484 USD CH1213351476	EUR CH1213351518 SWUS15GR EUR CH1213351500 SWUS15R EUR CH1213351526 SWUS15P USD CH1213351484 SWUS15GV USD CH1213351476 SWUS15V	EUR CH1213351518 SWUS15GR EUR CH1213351500 SWUS15R EUR CH1213351526 SWUS15P USD CH1213351484 SWUS15GV USD CH1213351476 SWUS15V

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

Ouick facts

Weighting	Free-float market capitalization
Cap factor	N/A
No. of components	Variable
Review frequency	Semi Annual
Calculation/distribution	Realtime 15 sec
Calculation hours	0:00:00 22:15:00
Base value/base date	1000 as of September. 22, 2008
History	Available from Sep. 22, 2008
Inception date	November. 16, 2022
To learn more about the ince see our data vendor code she	ption date, the currency, the calculation hours and historical values, please eet.

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.

³ Net dividend yield is calculated as net return index return minus price index return ⁴ STOXX data from Sep. 22, 2008 to Jul. 31, 2023

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Top 10 Components⁵

Company	Supersector	Country	Weight (%)	
Cisco Systems Inc.	Telecommunications	United States	23.55	
Comcast Corp. Cl A	Telecommunications	United States	20.80	
Verizon Communications Inc.	Telecommunications	United States	15.83	
AT&T Inc.	Telecommunications	United States	11.47	
T-Mobile US Inc	Telecommunications	United States	9.20	
MOTOROLA SOLUTIONS INC.	Telecommunications	United States	5.30	
CHARTER COMMUNICATIONS CL.A	Telecommunications	United States	4.63	
ARISTA NETWORKS	Telecommunications	United States	4.45	
ROKU	Telecommunications	United States	1.30	
Liberty Broadband Cl C	Telecommunications	United States	1.24	

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