STOXX INDICES STOXX® WORLD AC TELECOMMUNICATIONS INDEX

Index description

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

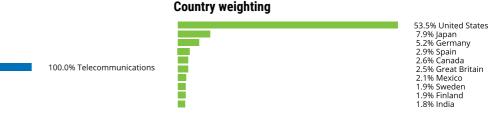
»Constructed using STOXX World Methodology.

»Its countries follow the STOXX World Country classification framework.

Descriptive statistics

Index	Market cap (USD bn.)		Components (USD bn.)		Component weight (%)		Turnover (%)		
	Full	Free-float	Mean	Median	Largest	Smallest	Largest	Smallest	Last 12 months
STOXX World AC Telecommunications Index	2,376.7	1,707.7	14.5	2.9	194.1	0.1	11.4	0.0	5.5
STOXX World AC Index	74,066.5	61,869.7	17.0	3.5	2,541.7	0.0	4.1	0.0	5.7

Supersector weighting (top 10)



Risk and return figures¹

Return (%) Annualized return (%							turn (%)		
Last month	YTD	1Y	3Y	5Y	Last month	YTD	1Y	3Y	5Y
0.3	8.0	-1.7	6.4	7.3	N/A	N/A	-1.7	2.1	1.4
1.4	8.7	2.0	39.4	39.0	N/A	N/A	2.0	11.7	6.8
Annualized volatility (%) Annualized Sharpe ratio						pe ratio ²			
13.0	11.5	14.6	12.7	14.7	N/A	N/A	-0.3	0.1	0.1
9.2	11.9	17.9	15.5	17.3	N/A	N/A	-0.0	0.7	0.4
Correlation Tracking					Tracking	error (%)			
0.6	0.7	0.9	0.8	0.9	10.2	8.6	9.4	8.7	8.6
Beta Annualized information						ation ratio			
0.9	0.7	0.7	0.7	0.7	-1.5	-0.3	-0.5	-1.1	-0.7
	0.3 1.4 13.0 9.2 0.6	0.3 8.0 1.4 8.7 13.0 11.5 9.2 11.9 0.6 0.7	0.3 8.0 -1.7 1.4 8.7 2.0 A A A 13.0 11.5 14.6 9.2 11.9 17.9 0.6 0.7 0.9	Last month YTD 1Y 3Y 0.3 8.0 -1.7 6.4 1.4 8.7 2.0 39.4 Annualized vo 13.0 11.5 14.6 12.7 9.2 11.9 17.9 15.5 Corr 0.6 0.7 0.9 0.8	Last month YTD 1Y 3Y 5Y 0.3 8.0 -1.7 6.4 7.3 1.4 8.7 2.0 39.4 39.0 Annualized volatility (%) 13.0 11.5 14.6 12.7 14.7 9.2 11.9 17.9 15.5 17.3 Correlation 0.6 0.7 0.9 0.8 0.9 Beta	Last month YTD 1Y 3Y 5Y Last month 0.3 8.0 -1.7 6.4 7.3 N/A 1.4 8.7 2.0 39.4 39.0 N/A Annualized volatility (%) 13.0 11.5 14.6 12.7 14.7 N/A 9.2 11.9 17.9 15.5 17.3 N/A Correlation 0.6 0.7 0.9 0.8 0.9 10.2 Beta	Last month YTD 1Y 3Y 5Y Last month YTD 0.3 8.0 -1.7 6.4 7.3 N/A N/A 1.4 8.7 2.0 39.4 39.0 N/A N/A 1.4 8.7 2.0 39.4 39.0 N/A N/A Annualized volatility (%) 13.0 11.5 14.6 12.7 14.7 N/A N/A 9.2 11.9 17.9 15.5 17.3 N/A N/A Correlation 0.6 0.7 0.9 0.8 0.9 10.2 8.6 Beta	Last month YTD 1Y 3Y 5Y Last month YTD 1Y 0.3 8.0 -1.7 6.4 7.3 N/A N/A -1.7 1.4 8.7 2.0 39.4 39.0 N/A N/A 2.0 Annualized volatility (%) 13.0 11.5 14.6 12.7 14.7 N/A N/A -0.3 9.2 11.9 17.9 15.5 17.3 N/A N/A -0.0 Correlation 0.6 0.7 0.9 0.8 0.9 10.2 8.6 9.4 Beta	Last month YTD 1Y 3Y 5Y Last month YTD 1Y 3Y 0.3 8.0 -1.7 6.4 7.3 N/A N/A -1.7 2.1 1.4 8.7 2.0 39.4 39.0 N/A N/A 2.0 11.7 Annualized volatility (%) Annualized volatility (%) Correlation N/A N/A -0.3 0.1 9.2 11.9 17.9 15.5 17.3 N/A N/A -0.0 0.7 Correlation Tracking 0.6 0.7 0.9 0.8 0.9 10.2 8.6 9.4 8.7 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 Apr. 28, 2023

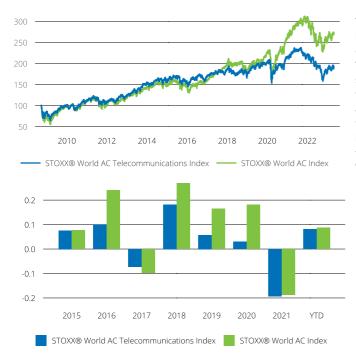
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Fundamentals (for last 12 months)

Index		Price/earnings incl. negative		rice/earnings excl. negative	Price/ book	Dividend yield (%) ³	Price/ sales	Price/ cash flow
	Trailing	Projected	Trailing	Projected	Trailing	Trailing	Trailing	Trailing
STOXX World AC Telecommunications Index	27.5	14.0	15.7	12.7	2.1	2.6	1.5	0.7
STOXX World AC Index	21.9	16.9	17.3	16.4	0.1	1.8	1.6	3.6

Performance and annual returns⁴



Methodology

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

Index		ISIN	Symbol	Bloomberg	Reuters
Gross Return	EUR	CH1213349520	SW15GR		.SW15GR
Net Return	EUR	CH1213349512	SW15R		.SW15R
Price	EUR	CH1213349538	SW15P		.SW15P
Gross Return	USD	CH1213349496	SW15GV		.SW15GV
Net Return	USD	CH1213349488	SW15V		.SW15V
Price	USD	CH1213349504	SW15L		.SW15L

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

Quick 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.

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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 Apr. 28, 2023

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Top 10 Components⁵

Company	Supersector	Country	Weight (%)	
Cisco Systems Inc.	Telecommunications	United States	11.37	
Comcast Corp. Cl A	Telecommunications	United States	10.19	
Verizon Communications Inc.	Telecommunications	United States	9.55	
AT&T Inc.	Telecommunications	United States	7.37	
T-Mobile US Inc	Telecommunications	United States	5.18	
DEUTSCHE TELEKOM	Telecommunications	Germany	4.90	
MOTOROLA SOLUTIONS INC.	Telecommunications	United States	2.85	
KDDI Corp.	Telecommunications	Japan	2.76	
ARISTA NETWORKS	Telecommunications	United States	2.43	
CHARTER COMMUNICATIONS CL.A	Telecommunications	United States	2.28	

 $^{\rm 5}$ Based on the composition as of Apr. 28, 2023