

STOXX US Index Futures

2 September 2024



Introduction to US Equity Index

Eurex Launches four STOXX US Index Futures Contracts from September 9th, 2024



Provide Exposure to Attractive US Equity Market

The US equity market continues to attract significant global attention. It remains a **dominant** force in the global financial landscape, with a substantial portion of **global investment** and **trading activity** focused on US stocks. This is largely due to the size, liquidity, and performance of the market, as well as attractiveness of the region for IPOs.



Maximize Cross Margin Efficiencies and Cost Reduction

In response to EUREX members seeking greater capital efficiency, reduction in costs and greater execution flexibility, Eurex has developed a suite of US Equity Index Futures to provide members and end user clients with a solution to **hedge** or **gain US exposure**, whilst **maximising cross margin efficiencies** as well as further **cost savings**.

In collaboration with STOXX , Eurex will launch four futures contracts:

1 **STOXX USA 500**

2 **STOXX US 2000**

3 **STOXX US Nexus 100**

4 **STOXX USA Titans 30**

STOXX US Index Overview

<p>STOXX USA 500</p>	<p>Market cap weighted index designed to represent the performance of the largest 500 companies in the United States, which covers approximately 80% of the investable market</p>	<ul style="list-style-type: none"> ▪ The STOXX USA 500 Index has a 99.9% correlation to incumbent indices dating back to 2000.
<p>STOXX US 2000</p>	<p>Market cap weighted index designed to represent the performance of the smallest 2,000 companies within the STOXX US All Cap universe</p>	<ul style="list-style-type: none"> ▪ The parent universe is derived from STOXX World Equity Index series, and its countries follow the STOXX World Country Classification Framework. ▪ The number of securities fluctuates throughout the year depending on corporate activity. ▪ The STOXX US 2000 Index has close to 99% correlation to incumbent indices for the period dated back to 2003.
<p>STOXX US Nexus 100</p>	<p>Market cap weighted index designed to represent the performance of the largest 100 non-financial companies in the United States that trade on the NASDAQ exchange</p>	<ul style="list-style-type: none"> ▪ Individual securities are capped at 20%. ▪ The STOXX US Nexus 100 has over a 99% correlation to incumbent indices for the period dated back to 2009.
<p>STOXX USA Titans 30</p>	<p>Price weighted index designed to represent some of the largest and most relevant US companies, which over time have proven their significance to the US Market</p>	<ul style="list-style-type: none"> ▪ The USA Tradition 30 Index uses an iterative process to select those securities that were part of the STOXX USA 50 Index in each March and September dating back 5 – 8 years from the review date. ▪ The USA Tradition 30 Index has close to a 95% correlation to incumbent indices dating back to 2016.

Key Facts and Benefits

Benefits of trading STOXX US Index Futures at Eurex



Cost Efficiency

Trading and holding US derivatives exposure on EUREX can generate cost-savings through portfolio margining and reduced fees.



Platform Synergy

Availability of US Index Futures on the same platform as Pan-European and single country index Futures offers advantages in hedging, margining, strategy trading.



PRISMA Margining

Eurex's portfolio-based margining methodology (PRISMA) offers high levels of cross-margin offsets across equity and Index derivatives.



Market Correlation

High correlation to existing US Equity Index products available in the market.



Flexibility

Flexibility in entering trades, with Eurex offering multiple functionalities to enter pre-negotiated trades. Minimum block trade size is 5 contracts and blocking of calendar spreads is permissible.



Across time zones

Eurex's trading hours coverage creates flexibility for market participants to access global benchmark products and respond to market conditions in all time zones.

STOXX USA 500 Index

Time series Tracking/Performance versus incumbent Indexes

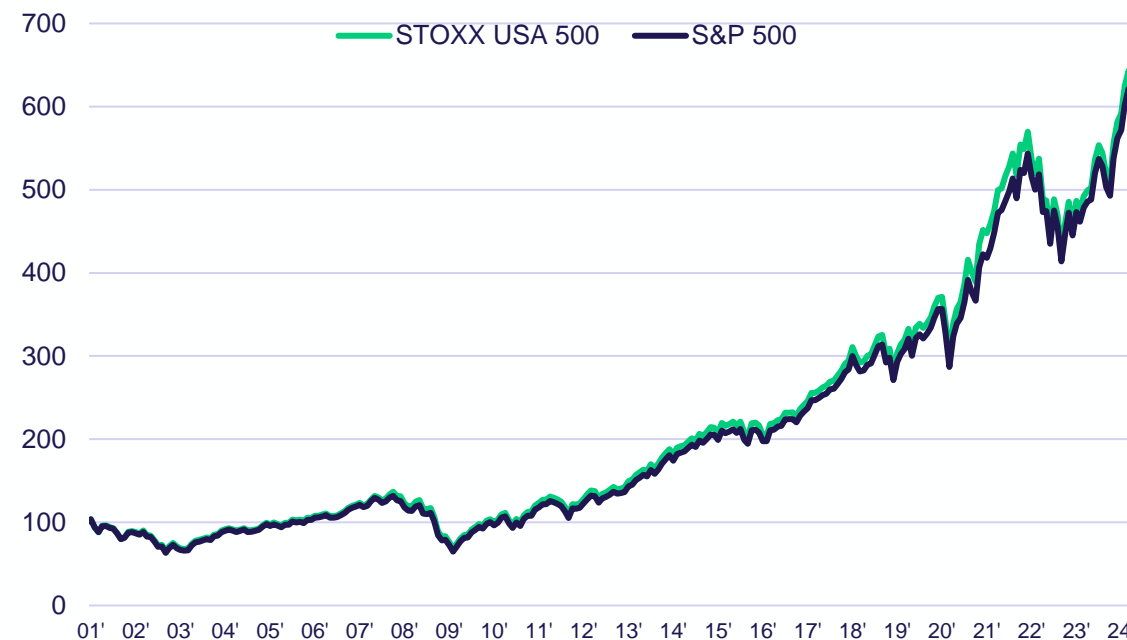
Methodology

- The **STOXX USA 500 Index** is a market cap weighted index designed to represent the performance of the largest 500 companies in the United States, which covers approximately 80% of the investable market.
- The index does not include secondary share lines, which results in the index always containing a fixed number of 500 constituents.
- There are no quality, profitability or discretionary criteria involved in the selection process.

Risk / Return Characteristics ^{1, 2}

	STOXX USA 500	S&P 500
Performance 1 Year	22.39%	22.15%
Performance 3 Year	8.66%	9.60%
Performance 5 Year	14.86%	15.00%
Performance 10 Year	13.06%	13.15%
STD 1 Year	14.86%	14.54%
STD 3 Year	18.04%	17.84%
STD 5 Year	18.31%	18.08%
STD 10 Year	15.44%	15.29%
Correlation	99.9%	

Index Performance¹



Index	Bloomberg	Reuters	ISIN
STOXX USA 500 (USD Price)	SX50UL INDEX	.SX50UL	CH0375047146

¹Source: STOXX, Bloomberg USD Gross data through 31 July 2024.

²Annualized returns and volatility (standard deviation) calculated for periods greater than 1 year. ³Holdings represented by iShares Core S&P 500 ETF (IVV)..

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Contract Specifications

Contract Specifications for Futures on	STOXX USA 500 ¹	STOXX US Nexus 100	STOXX USA Titans 30	STOXX US 2000 ¹
Eurex Code	FSU5	FSU1	FSU3	FSU2
Futures ISIN	DE000A4AH1C6	DE000A4AH1B8	DE000A4AH098	DE000A4AH1A0
Vendor Ticker	Bloomberg: OXAA Index, Reuters: 0#FSU5:	Bloomberg: OXBA Index, Reuters: 0#FSU1:	Bloomberg: OXEA Index, Reuters: 0#FSU3:	Bloomberg: OXCA Index, Reuters: 0#FSU2:
Underlying Index Ticker	Bloomberg: SX50UL Index Reuters: .SX50UL	Bloomberg: SXUSX1L Index Reuters: .SXUSX1L	Bloomberg: SXUSTIL Index Reuters: .SXUSTIL	Bloomberg: SXUSC2L Index Reuters: .SXUSC2L
Index ISIN Code	CH0375047146	CH1362042512	CH1362042579	CH1362042470
Contract Size (USD per index point)	250	100	100	100
Minimum Price Change (index points)	0.025	0.05	0.05	0.05
Tick Size for TES	0.005	0.010	0.010	0.010
Tick Size for Calendar book	0.005	0.010	0.010	0.010
Settlement	Cash settlement, payable on the first exchange day following the Final Settlement Day			
Final Settlement Day and Expiration	Last Trading Day and Expiration Day is the 3rd Friday of each expiration month if this is a trading day at Eurex, otherwise the immediately preceding exchange day			
Final Settlement Price (FSP)	The Final Settlement Price shall be determined in accordance with the Final Settlement value of the underlying index on the last trading day. The Final Settlement Price is calculated based on the opening prices of the component shares on the opening of the US markets on the last trading day. This is usually 09:30 Eastern Time			
Contract Months	The three nearest quarterly months of the March, June, September and December cycle			
Minimum Block Trade Size (TES / EnLight)	5			
Trading Hours Orderbook	01:10 CE(S)T – 22:00 CE(S)T/ 15:30 on the last trading day			
Trading Hours TES	01:15 CE(S)T – 22:00 CE(S)T/ 15:30 on the last trading day			
Capacity Group	Cash USD	Cash Section 871m USD	Cash Section 871m USD	Cash USD

Fee Schedule

Fees for new US futures (USD)		
Trading and clearing fees	Order Book A	0.20
	Order Book M	0.12
	Order Book P	0.12
	TES A	0.68
	TES M	0.59
	TES P	0.59

Post Trade Fees (USD)		
Position Closing adjustment	A	0.40
	M	0.24
	P	0.24
Cash Settlement	A	0.20
	M	0.12
	P	0.12

Product	STOXX USA 500	STOXX US 2000	STOXX US Nexus 100	STOXX USA Titans 30
Index Spot ¹	436.25	1,096.82	1,218.30	1,163.61
Multiplier	250	100	100	100
Notional (USD)	109,062.50	109,682.00	121,830.00	116,361.00

¹ Index spot prices obtained on 30 August 2024.

STOXX USA 500 Index

Bloomberg codes: SX50UL Index (Index), OXAA Index (Futures)

500

Large-cap segments of the market



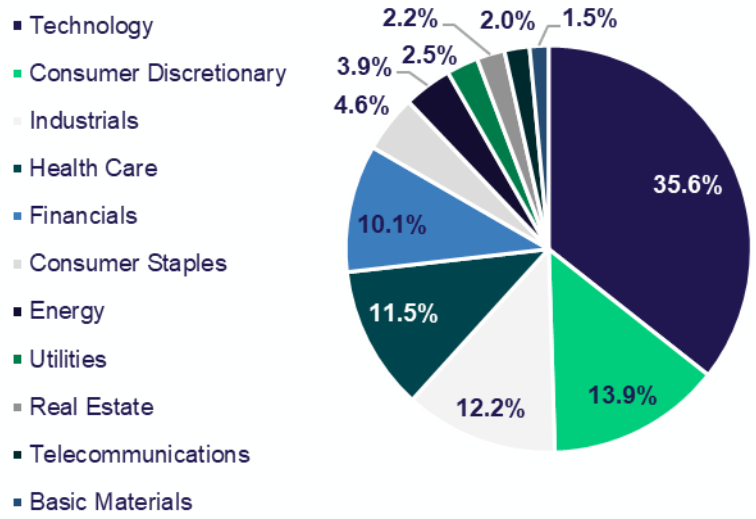
46,721

Billion USD market capitalization



Sector Allocation

In accordance with the Industry Classification Benchmark (ICB)



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents		
Apple Inc. (AAPL:US)	Technology	6.9%
Microsoft Corp. (MSFT:US)	Technology	6.7%
NVIDIA (NVDA:US)	Technology	6.2%
Amazon.com Inc. (AMZN:US)	Retail	3.8%
META PLATFORM CLASS A (META:US)	Technology	2.2%
Top 5 Relative Index Weight		25.7%

Data updated on 31 July 2024.

STOXX US 2000 Index

Bloomberg codes: SXUSC2L Index (Index), OXCA Index (Futures)

2,000

Small-cap segments of the market



8,014

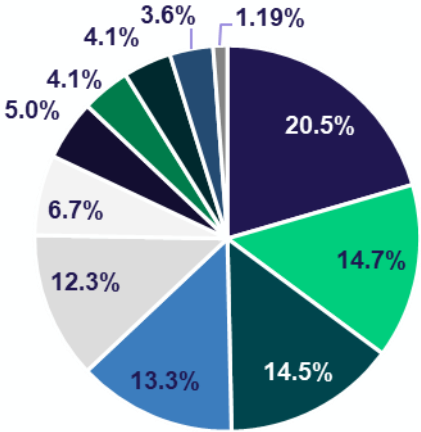
Billion USD market capitalization



Sector Allocation

In accordance with the Industry Classification Benchmark (ICB)

- Industrials
- Consumer Discretionary
- Financials
- Technology
- Health Care
- Real Estate
- Energy
- Consumer Staples
- Basic Materials
- Utilities
- Telecommunications



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents		
ALNYLAM PHARMACEUTICALS (ALNY:US)	Health Care	0.38%
MICROSTRATEGY (MSTR:US)	Technology	0.32%
TYLER TECHNOLOGIES (TYL:US)	Technology	0.30%
SMURFIT WESTROCK(SW:US)	Industrial Goods and Services	0.29%
Ventas Inc. (VTR:US)	Real estate	0.28%
Top 5 Relative Index Weight		1.57%

Data updated on 31 July 2024.

STOXX US Nexus 100 Index

Bloomberg codes: SXUSX1L Index (Index), OXBA Index (Futures)

100

Liquid non-financial components on Nasdaq



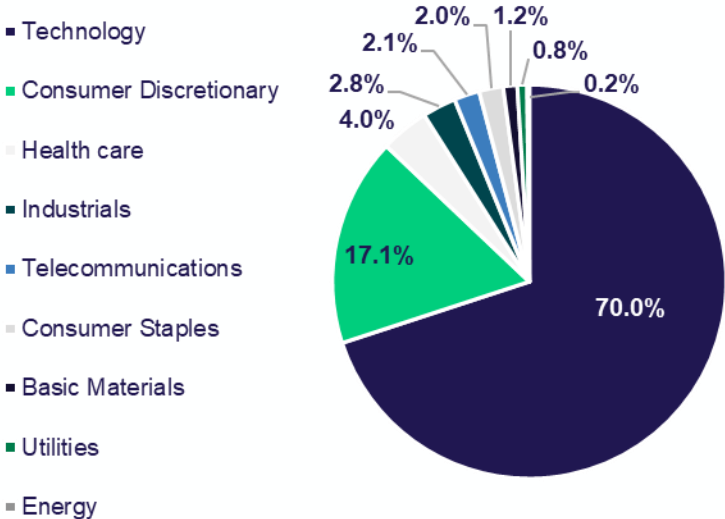
22,474

Billion USD market capitalization



Sector Allocation

In accordance with the Industry Classification Benchmark (ICB)



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents		
Apple Inc. (AAPL:US)	Technology	14.4%
Microsoft Corp. (MSFT:US)	Technology	13.8%
NVIDIA (NVDA:US)	Technology	12.8%
Amazon.com Inc. (AMZN:US)	Retail	7.9%
META PLATFORM CLASS A (META:US)	Technology	4.6%
Top 5 Relative Index Weight		53.5%

Data updated on 31 July 2024.

STOXX USA Titans 30 Index

Bloomberg codes: SXUSTIL Index (Index), OXEA Index (Futures)

30

Large-cap segments of the market ex. Utility



11.8

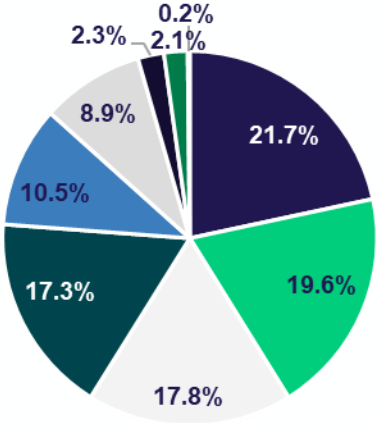
Billion USD market capitalization



Sector Allocation

In accordance with the Industry Classification Benchmark (ICB)

- Financials
- Health Care
- Consumer Discretionary
- Technology
- Industrials
- Consumer Staples
- Telecommunications
- Energy
- Others



Index Constituents

Top 5 companies by market capitalization and relative index weights

Top 5 Constituents		
Berkshire Hathaway Inc. CI B (BRK/A:US)	Financial services	12.7%
UnitedHealth Group Inc. (UNH:US)	Healthcare	9.3%
Microsoft Corp. (MSFT:US)	Technology	7.2%
Home Depot Inc. (HD:US)	Retail	6.4%
JPMorgan Chase & Co. (JPM:US)	Banks	6.1%
Top 5 Relative Index Weight		41.7%

Data updated on 31 July 2024.

Contacts

Kris Hopkins
Equity & Index Sales Asia

Eurex Frankfurt AG
Tel: +65 6597 3061
kris.hopkins@eurex.com

Rafael Zanatta
Equity & Index Sales EMEA

Eurex Frankfurt AG
Tel: +44 207 862 7226
rafael.zanatta@eurex.com

Floris Florquin
Product Design & Index

Eurex Frankfurt AG
Tel: +44 207 862 7662
floris.florquin@eurex.com

Patrik Herrmann
STOXX Customer Support

ISS-STOXX
Tel: +41 43 430 7272
patrik.herrmann@iss-stoxx.com

STOXX Factsheets

- [STOXX USA 500](#)
- [STOXX US 2000](#)
- [STOXX US Nexus 100](#)
- [STOXX USA Titans 30](#)



Appendix

STOXX US 2000 Index

Time series Tracking/Performance versus incumbent Indexes

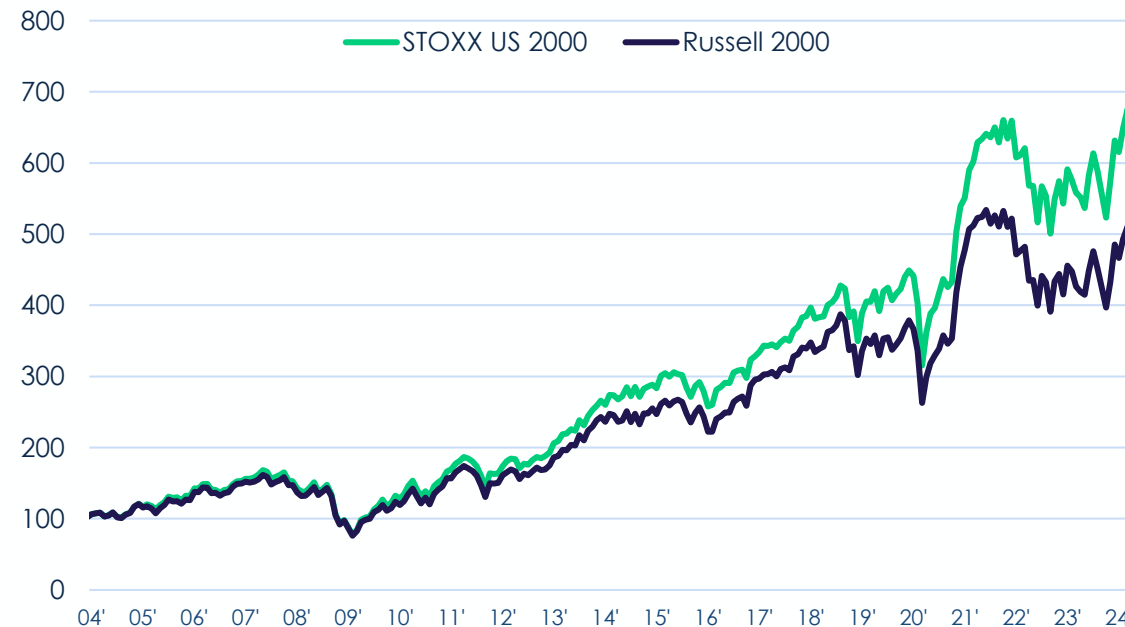
Methodology

- The **STOXX US 2000 Index** is a market cap weighted index designed to represent the performance of the smallest 2,000 companies within the STOXX US All Cap universe. The parent universe is derived from STOXX World Equity Index series and its countries follow the STOXX World Country Classification Framework.
- The STOXX US 2000 Index reviewed annually in June and has quarterly updates to shares and free float.
- The number of securities will fluctuate throughout the year depending on corporate activity.

Risk / Return Characteristics ^{1, 2}

	STOXX US 2000	Russell 2000
Performance 1 Year	13.22%	14.25%
Performance 3 Year	2.98%	1.85%
Performance 5 Year	10.35%	8.91%
Performance 10 Year	9.83%	8.72%
STD 1 Year	21.17%	24.59%
STD 3 Year	20.74%	22.59%
STD 5 Year	22.61%	24.09%
STD 10 Year	18.88%	20.50%
Correlation	98.7%	

Index Performance¹



Index	Bloomberg	Reuters	ISIN
STOXX US 2000 Price USD	SXUSC2L	.SXUSC2L	CH1362042470

¹Source: STOXX, Bloomberg USD Gross data through 31 July 2024. STOXX US 2000 Index is back-tested data.

²Annualized returns and volatility (standard deviation) calculated for periods greater than 1 year.

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STOXX US Nexus 100 Index

Time series Tracking/Performance versus incumbent Indexes

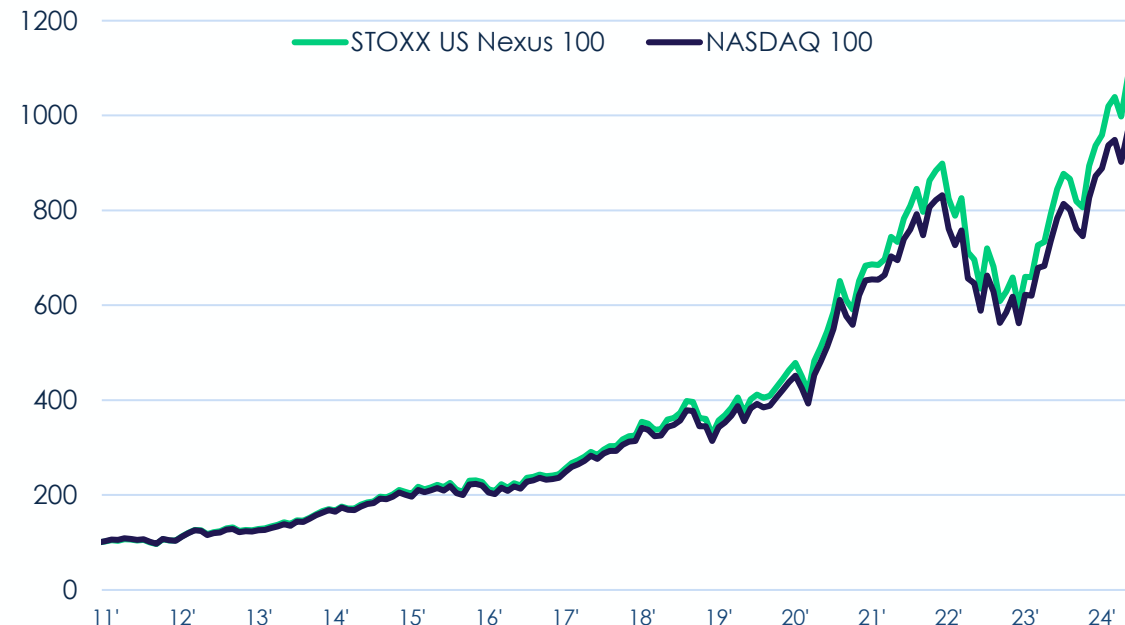
Methodology

- The **STOXX US Nexus 100 Index** is a market cap weighted index designed to represent the performance of the largest 100 non-financial companies in the United States that trade on the NASDAQ exchange.
- The index is reviewed on an annual basis in December.
- Buffer rules are applied to existing members to help limit turnover. The 80 largest names are first selected with the remaining 20 names selected from the largest remaining current components.
- Individual securities are capped at 20%.

Risk / Return Characteristics ^{1, 2}

	STOXX US Nexus 100	NASDAQ 100
Performance 1 Year	29.36%	23.93%
Performance 3 Year	11.93%	9.88%
Performance 5 Year	22.49%	20.81%
Performance 10 Year	19.79%	18.59%
STD 1 Year	18.16%	17.57%
STD 3 Year	23.55%	22.43%
STD 5 Year	22.06%	22.07%
STD 10 Year	18.65%	18.46%
Correlation	99.7%	

Index Performance¹



Index	Bloomberg	Reuters	ISIN
STOXX US Nexus 100 Price USD	SXUSX1L	.SXUSX1L	CH1362042512

¹Source: STOXX, Bloomberg USD Gross data through 31 July 2024. STOXX US Nexus 100 Index is back-tested data.

²Annualized returns and volatility (standard deviation) calculated for periods greater than 1 year.

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STOXX USA Titans 30 Index

Time series Tracking/Performance versus incumbent Indexes

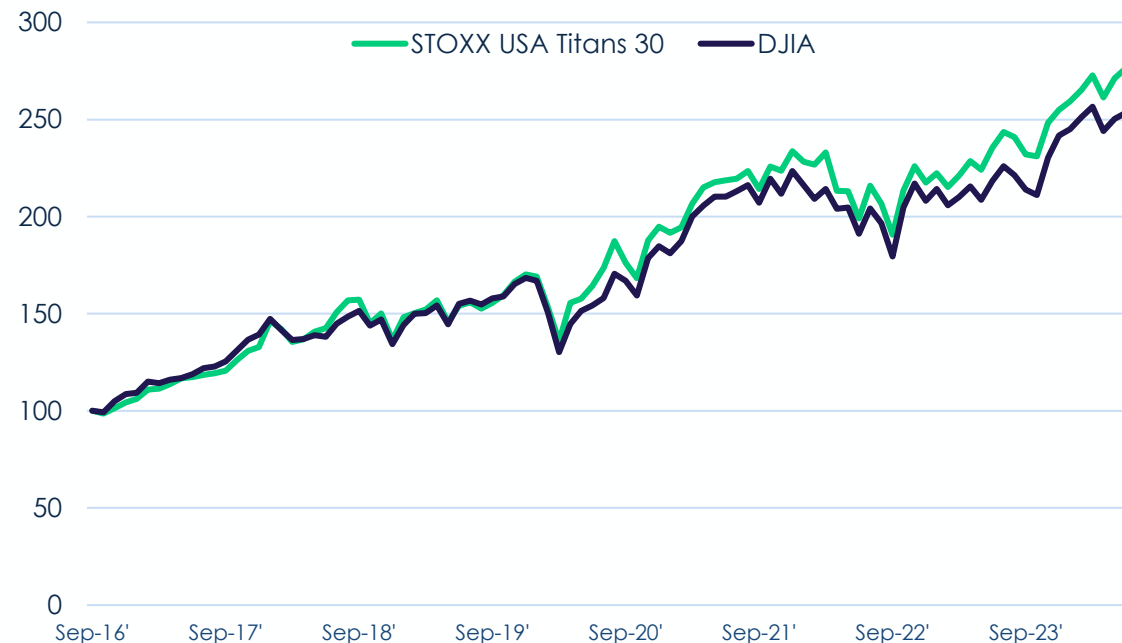
Methodology

- The **STOXX USA Titans 30 Index** is a price weighted index designed to represent some of the largest and most relevant US companies, which over time have proven their significance to the US Market.
- The index excludes the Utilities industry and has a fixed number of 30 constituents.
- The index is rules-based and reviewed annually in September.
- The USA Titans 30 Index uses an iterative process to select those securities that were part of the STOXX USA 50 Index in each March and September dating back 5 – 8 years from the review date.

Risk / Return Characteristics ^{1, 2}

	STOXX USA Titans 30	DJIA
Performance 1 Year	19.26%	16.18%
Performance 3 Year	9.78%	9.38%
Performance 5 Year	13.25%	12.47%
Performance 10 Year	11.79%	14.13%
STD 1 Year	15.97%	16.90%
STD 3 Year	18.34%	18.42%
Correlation	95.1%	

Index Performance¹



Index	Bloomberg	Reuters	ISIN
STOXX USA Titans 30 Price USD	SXUSTIL	.SXUSTIL	CH1362042579

¹Source: STOXX, Bloomberg USD Gross data through 31 July 2024. STOXX USA Titans 30 Index is back-tested data.

²Annualized returns and volatility (standard deviation) calculated for periods greater than 1 year.
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