A Division of S&P Global



AS OF FEBRUARY 28, 2025

Description

The S&P 500® is widely regarded as the best single gauge of large-cap U.S. equities. The index includes 500 leading companies and covers approximately 80% of available market capitalization.

Index Attributes

Created in 1957, the S&P 500 was the first U.S. market-cap-weighted stock market index. Today, it's the basis of many listed and over-the-counter investment instruments. This world-renowned index includes 500 of the top companies in leading industries of the U.S. economy.

The S&P 500 is part of a series of S&P Dow Jones U.S. equity indices that can be used as mutually exclusive building blocks; the index does not overlap holdings with the S&P MidCap 400® or S&P SmallCap 600®. Together, they constitute the S&P Composite 1500®.

Methodology Construction

The following methodology summary is provided for convenience purposes only. For complete details, please view the methodology document at https://www.spglobal.com/spdji/en/documents/methodologies/methodology-sp-us-indices.pdf.

Universe. All constituents must be U.S. companies.

Eligibility Market Cap. To be included, companies must have an unadjusted market cap of USD 20.5 billion or greater, and must have a float-adjusted market cap that is at least 50% of the unadjusted minimum market cap threshold.

Public Float. Companies must have an investable weight factor (IWF) of at least 0.10.

Financial Viability. Companies must have positive as-reported earnings over the most recent quarter, as well as over the most recent four quarters (summed together).

Adequate Liquidity and Reasonable Price. Using composite pricing and volume, the ratio of annual dollar value traded (defined as average closing price over the period multiplied by historical volume) to float-adjusted market capitalization should be at least 0.75, and the stock should trade a minimum of 250,000 shares in each of the six months leading up to the evaluation date. Sector Representation. Sector balance, as measured by a comparison of each GICS® sector's weight in an index with its weight in the S&P Total Market Index, in the relevant market capitalization range, is also considered in the selection of companies for the indices.

Company Type, All eligible U.S. common equities listed on eligible U.S. exchanges can be included. REITs are also eligible for inclusion. Closed-end funds, ETFs, ADRs, ADS, and certain other types of securities are ineligible for inclusion.

AS OF FEBRUARY 28, 2025

Quick Facts

WEIGHTING METHOD	Float-adjusted market cap weighted
REBALANCING FREQUENCY	Quarterly in March, June, September, and December
CALCULATION FREQUENCY	Real time
CALCULATION CURRENCIES	USD, AUD, BRL, CAD, CHF, EUR,
LAUNCH DATE	March 4, 1957
FIRST VALUE DATE	January 3, 1928
REGULATORY AUTHORIZATION	European Union - Endorsed
METHODOLOGY	S&P U.S. Indices Methodology

All information for an index prior to its Launch Date is hypothetical back-tested, not actual performance, based on the index methodology in effect on the Launch Date. Back-tested performance reflects application of an index methodology and selection of index constituents with the benefit of hindsight and knowledge of factors that may have positively affected its performance, cannot account for all financial risk that may affect results and may be considered to reflect survivor/look ahead bias. Actual returns may differ significantly from, and be lower than, back-tested returns. Past performance is not an indication or guarantee of future results. This back-tested data may have been created using a "Backward Data Assumption". For more information on "Backward Data Assumption" and back-testing in general, please see the Performance Disclosure at the end of this material.

Historical Performance

Depending on index launch date, all charts below may include back-tested data.



■ S&P 500

AS OF FEBRUARY 28, 2025

Performance

INDEX LEVEL	RETURNS			ANNUALIZED RETURNS			
	1 MO	3 MOS	YTD	1 YR	3 YRS	5 YRS	10 YRS
Total Return				•			
13,098.22	-1.3%	-0.97%	1.44%	18.41%	12.55%	16.85%	12.98%
Price Return							
5,954.5	-1.42%	-1.29%	1.24%	16.84%	10.83%	15.05%	10.96%
Net Total Return							
11,323.73	-1.34%	-1.07%	1.38%	17.93%	12.03%	16.31%	12.37%

Calendar Year Performance

2024	2023	2022	2021	2020	2019	2018	2017	2016	2015
2024	2020	2022	2021	2020	2010	2010	2017	2010	
Total Return									
25.02%	26.29%	-18.11%	28.71%	18.4%	31.49%	-4.38%	21.83%	11.96%	1.38%
Price Return									
23.31%	24.23%	-19.44%	26.89%	16.26%	28.88%	-6.24%	19.42%	9.54%	-0.73%
Net Total Retur	n								
24.5%	25.67%	-18.51%	28.16%	17.75%	30.7%	-4.94%	21.1%	11.23%	0.75%

Risk

ANNUALIZED RISK			ANNUALIZED RISK-ADJUSTED RETURNS	
5 YRS	10 YRS	3 YRS	5 YRS	10 YRS
	<u>.</u>			
17.73%	15.26%	0.74	0.95	0.85
17.7%	15.25%	0.64	0.85	0.72
17.72%	15.25%	0.71	0.92	0.81
	5 YRS 17.73% 17.7%	5 YRS 10 YRS 17.73% 15.26% 17.7% 15.25%	5 YRS 10 YRS 3 YRS 17.73% 15.26% 0.74 17.7% 15.25% 0.64	5 YRS 10 YRS 3 YRS 5 YRS 17.73% 15.26% 0.74 0.95 17.7% 15.25% 0.64 0.85

Risk is defined as standard deviation calculated using monthly values.

Fundamentals

P/E (TRAILING)	P/E (PROJECTED)	P/B	INDICATED DIV YIELD	P/SALES	P/CASH FLOW
28.77	22.2	5	1.3%	2.95	32.47

P/E (Projected) and Dividend Yield are as of February 28, 2025; P/E (Trailing), P/B, P/Sales, and P/Cash Flow are as of September 30, 2024. Fundamentals are updated on approximately the fifth business day of each month.

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AS OF FEBRUARY 28, 2025

Equity

S&P 500®

Index Characteristics

NUMBER OF CONSTITUENTS	503
CONSTITUENT MARKET [USD MILLION]	
MEAN TOTAL MARKET CAP	105,227.77
LARGEST TOTAL MARKET CAP	3,655,610.63
SMALLEST TOTAL MARKET CAP	4,606.45
MEDIAN TOTAL MARKET CAP	35,792.75
WEIGHT LARGEST CONSTITUENT [%]	7.3
WEIGHT TOP 10 CONSTITUENTS [%]	34.9

ESG Carbon Characteristics

CARBON TO VALUE INVESTED (METRIC TONS CO ₂ e/\$1M INVESTED)*	35.96
CARBON TO REVENUE (METRIC TONS CO ₂ e/\$1M REVENUES)*	143.91
WEIGHTED AVERAGE CARBON INTENSITY (METRIC TONS CO ₂ e/\$1M REVENUES)*	128.63
FOSSIL FUEL RESERVE EMISSIONS (METRIC TONS CO ₂ /\$1M INVESTED)	352.16

^{*}Operational and first-tier supply chain greenhouse gas emissions. For more information, please visit: www.spglobal.com/spdji/en/esg-metrics.

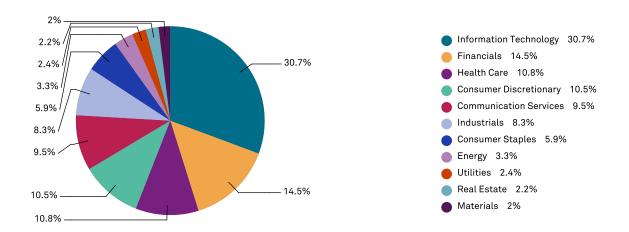
Top 10 Constituents By Index Weight

CONSTITUENT	SYMBOL	SECTOR*
Apple Inc.	AAPL	Information Technology
Nvidia Corp	NVDA	Information Technology
Microsoft Corp	MSFT	Information Technology
Amazon.com Inc	AMZN	Consumer Discretionary
Meta Platforms, Inc. Class A	META	Communication Services
Alphabet Inc A	GOOGL	Communication Services
Berkshire Hathaway B	BRK.B	Financials
Broadcom Inc	AVGO	Information Technology
Alphabet Inc C	GOOG	Communication Services
Tesla, Inc	TSLA	Consumer Discretionary

^{*}Based on GICS® sectors

AS OF FEBRUARY 28, 2025

Sector* Breakdown



^{*}Based on GICS® sectors

The weightings for each sector of the index are rounded to the nearest tenth of a percent; therefore, the aggregate weights for the index may not equal 100%.

Country/Region Breakdown

COUNTRY/REGION	NUMBER OF CONSTITUENTS	TOTAL MARKET CAP [USD MILLION]	INDEX WEIGHT [%]
United States	503	52,929,568.65	100

Based on index constituents' country of domicile.

Tickers

	BLOOMBERG TICKER	REUTERS
Price Return	SPX	.SPX
Total Return	SPXT	.SPXT
Net Total Return	SPTR500N	.SPXNTR

AS OF FEBRUARY 28, 2025

Related Products

This list includes investable products traded on certain exchanges currently linked to this selection of indices. While we have tried to include all such products, we do not guarantee the completeness or accuracy of such lists. Please refer to the disclaimers at the end of this document or here for more information about S&P Dow Jones Indices' relationship to such third party product offerings.

PRODUCT NAME	PRODUCT TYPE	EXCHANGE	TICKER
1nvest S&P500 Feeder ETF	ETF	JOHANNESBURG STOCK EXCHANGE	ETF500
ACE S&P500	ETF	KOREA EXCHANGE (STOCK MARKET)	360200
Adjusted Interest Rate S&P 500 Total Return	Future	CME	ASR
Amundi ETF PEA S&P 500 Daily Hedged EUR	ETF	EURONEXT - EURONEXT PARIS	P500H
Amundi ETF PEA S&P 500 EUR	ETF	EURONEXT - EURONEXT PARIS	PE500
Amundi ETF S&P 500 EUR C/D USD	ETF	London Stock Exchange	500D
Amundi IS S&P 500 ETF C EUR	ETF	EURONEXT - EURONEXT PARIS	500
Amundi IS S&P 500 ETF C EUR Hdg	ETF	EURONEXT - EURONEXT PARIS	500H
Amundi IS S&P 500 ETF C USD	ETF	EURONEXT - EURONEXT PARIS	500U
ARIRANG S&P 500	ETF	XFMQUnlisted Fund Manager Quote	429760
ARIRANG S&P500	ETF	KOREA EXCHANGE (STOCK MARKET)	269540
BetaPro S&P 500® -2x Daily Bear ETF	ETF	TORONTO STOCK EXCHANGE	HSD
BetaPro S&P 500® 2x Daily Bull ETF	ETF	TORONTO STOCK EXCHANGE	HSU
BetaPro S&P 500® Daily Inverse ETF	ETF	TORONTO STOCK EXCHANGE	HIU
BetaShares US Eqs Strong Bear H CcyH ETF	ETF	ASX - ALL MARKETS	BBUS
BMO S&P 500 ETF (CAD)	ETF	TORONTO STOCK EXCHANGE	ZSP
BMO S&P 500 ETF (USD)	ETF	TORONTO STOCK EXCHANGE	ZSP.U
BMO S&P 500 Hedged to CAD ETF	ETF	TORONTO STOCK EXCHANGE	ZUE
BNP Paribas Easy Sust US ETF EUR Cap	ETF	XFMQUnlisted Fund Manager Quote	N/A
BNP Paribas Easy Sust US ETF H EUR Cap	ETF	XFMQUnlisted Fund Manager Quote	N/A
BNP Paribas Easy Sust US ETF R EUR Cap	ETF	XFMQUnlisted Fund Manager Quote	N/A
BNP Paribas Easy Sust US ETF USD Cap	ETF	XFMQUnlisted Fund Manager Quote	N/A
BNP Paribas Easy Sust Wld ETF R EUR Cap	ETF	XFMQUnlisted Fund Manager Quote	N/A
BNPP Easy S&P 500 ETF EUR C	ETF	EURONEXT - EURONEXT PARIS	ESE
BNPP Easy S&P 500 ETF EUR H	ETF	EURONEXT - EURONEXT PARIS	ESEH
BNPP Easy S&P 500 ETF USD C	ETF	EURONEXT - EURONEXT PARIS	ESD
BNPP Easy S&P 500 ETF USD C/D	ETF	EURONEXT - EURONEXT PARIS	ESDD

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PRODUCT NAME	PRODUCT TYPE	EXCHANGE	TICKER
Bosera S&P 500 QDII Fd	ETF	SHANGHAI STOCK EXCHANGE	513500
BTG Pactual S&P 500 Fundo de Índice	ETF	Bm&Fbovespa S.A Bolsa De Valores, Mercadorias E Futuros	SPXB11
China Southern S&P 500 ETF(QDII)	ETF	Shanghai Stock Exchange	513650
ChinaAMC S&P 500 ETF (QDII)	ETF	Shenzhen Stock Exchange	159655
CoreShares S&P 500 ETF	ETF	JOHANNESBURG STOCK EXCHANGE	CSP500
Deka S&P 500 ETF	ETF	XFMQUnlisted Fund Manager Quote	D6RI
Direxion Daily S&P 500® Bear 1X ETF	ETF	NYSE Arca	SPDN
Direxion Daily S&P 500® Bear 3X ETF	ETF	NYSE ARCA	SPXS
Direxion Daily S&P 500® Bull 2X ETF	ETF	NYSE ARCA	SPUU
Direxion Daily S&P500® Bull 3X ETF	ETF	NYSE ARCA	SPXL
E-mini S&P 500	Future	CME	ES
EOM E-mini S&P 500 Index	Option	CME	EW
EOW1 E-mini S&P 500	Option	CME	EW1
EOW2 E-mini S&P 500	Option	CME	EW2
EOW3 E-mini S&P 500	Option	CME	EW3
E0W4 E-mini S&P 500	Option	CME	EW4
Evolve S&P 500® Enhanced Yield CAD Hdg	ETF	Toronto Stock Exchange	ESPX
Evolve S&P 500® Enhanced Yield CAD UnH	ETF	Toronto Stock Exchange	ESPX.B
Evolve S&P 500® Enhanced Yield USD UnH	ETF	Toronto Stock Exchange	ESPX.U
First Trst VstUSEqModBffrETFFebA\$Acc	ETF	London Stock Exchange	GFEB LN
FNB S&P 500 Feeder ETF A	ETF	XFMQUnlisted Fund Manager Quote	N/A
Global X Enhanced S&P 500 ETF	ETF	Toronto Stock Exchange	USSL
Global X S&P 500 Covered Call ETF	ETF		USCC.U
Global X S&P 500 Covered Call ETF	ETF		USCC
Global X S&P 500 ETF	ETF	Toronto Stock Exchange	USSX.U
Guotai S&P 500 ETF (QDII)	ETF	Shenzhen Stock Exchange	159612
Hamilton Enhanced US Covered Call ETF	ETF	Toronto Stock Exchange Toronto Stock	HYLD
Hamilton Enhanced US Covered Call ETFUSD	ETF	Exchange	HYLD.U
HANARO US S&P500	ETF	Korea Exchange (Stock Market)	432840
Hang Seng S&P 500 Index ETF	ETF	Hong Kong Exchanges And Clearing Ltd	09195
Harel Sal S&P 500	ETF		HRLF25
Harel Sal S&P 500 Currency Hedged	ETF		HRLF50
Horizons S&P 500 CAD Hedged ETF	ETF	TORONTO STOCK EXCHANGE	HSH

Equity S&P 500®

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PRODUCT NAME	PRODUCT TYPE	EXCHANGE	TICKER
Horizons S&P 500 ETF	ETF	TORONTO STOCK EXCHANGE	HXS
HSBC S&P 500 ETF	ETF	LONDON STOCK EXCHANGE	HSPD
HSBC S&P 500 ETF CHF Hedged (Acc)	ETF		N/A
HSBC S&P 500 ETF USD (Acc)	ETF	XFMQUnlisted Fund Manager Quote	HSPA
iFreeETF S&P500 (JPY HEDGED)	ETF	Tokyo Stock Exchange	2248
iFreeETF S&P500 (NON HEDGED)	ETF	Tokyo Stock Exchange	2247
Innovator US Equity Power Buffer ETF-Sep	ETF	Cboe BZX U.S. Equities Exchange	PSEP
Invesco S&P 500 ETF	ETF	LONDON STOCK EXCHANGE	SPXS
Invesco S&P 500 ETF (Dist)	ETF	SIX SWISS EXCHANGE	SPXD
Invesco S&P 500 ETF (EUR Hdg)	ETF	XETRA	E500
Invesco S&P 500 ETF (GBP Hdg)	ETF	LONDON STOCK EXCHANGE	G500
iShares Core S&P 500 ETF	ETF	NYSE ARCA	IVV
iShares Core S&P 500 ETF	ETF	TORONTO STOCK EXCHANGE	XUS
iShares Core S&P 500 ETF (CAD-Hedged)	ETF	TORONTO STOCK EXCHANGE	XSP
iShares Core S&P 500 ETF GBPH Dist	ETF	LONDON STOCK EXCHANGE	GSPX
iShares Core S&P 500 ETF MXNH Acc	ETF	BATS CHI-X EUROPE -CXE ORDER BOOKS	CSPXX
iShares Core S&P 500 ETF USD Acc	ETF	SIX SWISS EXCHANGE	CSSPX
iShares Core S&P 500 ETF USD Dist	ETF	LONDON STOCK EXCHANGE	IDUS
iShares S&P 500 AUD Hedged ETF	ETF	ASX - ALL MARKETS	IHVV
iShares S&P 500 CHF Hedged ETF Acc	ETF	SIX SWISS EXCHANGE	IUSC
iShares S&P 500 ETF	ETF	TOKYO STOCK EXCHANGE	1655
iShares S&P 500 ETF	ETF	ASX - ALL MARKETS	IVV
iShares S&P 500 EUR Hedged ETF Acc	ETF	LONDON STOCK EXCHANGE	IUSE
iShares S&P 500 FIC FI IE	ETF	BM&FBOVESPA S.A BOLSA DE VALORES, MERCADORIAS E FUTUROS	IVVB11
iShares S&P 500 GBP Hedged ETF Acc	ETF	LONDON STOCK EXCHANGE	IGUS
iShares S&P 500 JPY Hedged ETF	ETF	TOKYO STOCK EXCHANGE	2563
iShares S&P 500 Peso Hedged TRAC	ETF	BOLSA MEXICANA DE VALORES (MEXICAN STOCK EXCHANGE)	IVVPESO
iShares S&P 500 Swap ETF EUR Hgd Acc	ETF	XETRA	CEB7
iShares S&P 500 Swap ETF GBP Hgd Dist	ETF	London Stock Exchange	150G

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PRODUCT NAME	PRODUCT TYPE	EXCHANGE	TICKER
iShares S&P 500 Swap ETF USD Acc	ETF	EURONEXT - EURONEXT AMSTERDAM	1500
iShares S&P 500 Swap ETF USD Dis	ETF	Euronext - Euronext Amsterdam	I50D
It Now S&P500® TRN Fund ETF	ETF	BM&FBOVESPA S.A BOLSA DE VALORES, MERCADORIAS E FUTUROS	SPXI11
KODEX S&P500 (H)	ETF	XFMQUnlisted Fund Manager Quote	449180
KODEX S&P500 Total Return	ETF	Korea Exchange (Stock Market)	379800
KOSEF S&P500	ETF	Korea Exchange (Stock Market)	449770
KOSEF S&P500 (H)	ETF	Korea Exchange (Stock Market)	449780
KSM ETF Composite Gov Bond (55%) Corp Bond (30%) Equity (15%) Monthly Currency Hedged	ETF		KSMF141
KSM ETF Composite US Equity Monthly	ETF		KSMF150
KSM ETF Leveraged S&P 500 x3 Monthly	ETF		KSMF111
KSM ETF S&P 500	ETF		KSMF80
KSM ETF S&P 500 Currency Hedged	ETF		KSMF82
KSM ETF Short Leveraged S&P 500 x3 Monthly	ETF		KSMF114
Listed Index Fund US Eq S&P500 Ccy Hdg	ETF	TOKYO STOCK EXCHANGE	2521
Listed Index Fund US Equity (S&P500)	ETF	TOKYO STOCK EXCHANGE	1547
Lyxor PEA S&P 500 ETF Capi	ETF	EURONEXT - EURONEXT PARIS	PSP5
Lyxor PEA S&P 500 ETF Couverte en EUR C	ETF	EURONEXT - EURONEXT PARIS	PSPH
Lyxor S&P 500 ETF C EUR	ETF	EURONEXT - EURONEXT PARIS	SP5C
Lyxor S&P 500 ETF D EUR	ETF	XETRA	LYPS
Lyxor S&P 500 ETF D USD	ETF	LONDON STOCK EXCHANGE	LSPU
Lyxor S&P 500 ETF Daily Hdg to GBP Dist	ETF	LONDON STOCK EXCHANGE	SP5G
Lyxor S&P 500 ETF Daily Hedged C CHF	ETF	SIX SWISS EXCHANGE	LYSPH
Lyxor S&P 500 ETF Daily Hedged C EUR	ETF	XFMQUnlisted Fund Manager Quote	N/A
Lyxor S&P 500 ETF Daily Hedged D EUR	ETF	BORSA ITALIANA S.P.A.	SPXH
Lyxor S&P 500 ETF S USD	ETF		N/A
MAXIS S&P500 US Equity ETF	ETF	TOKYO STOCK EXCHANGE	2558
MAXIS S&P500 US Equity ETF (JPY Hedged)	ETF	Tokyo Stock Exchange	2630
Micro E-mini S&P 500 Index	Future	CME	MES
Micro S&P 500 Index (WSP)	Future	B3	WSP
Mini S&P 500 Index (XSP)	Option	CB0E	XSP
More Sal S&P 500	ETF		MORES1
More Sal S&P 500 Currency Hedged	ETF		MORES2

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MIT SAL(AA) S&P 500 ETF MITFF23 NARDS S&P 500 Index (NANOS) Option CB0E NANOS NEOS S&P 5000 High Income ETF ETF SPYI NEXT FUNDS S&P 5000 (Urbedged) ETF ETF Tokyo Stock Exchange 2633 NEXT FUNDS S&P 500 (Urbedged) ETF ETF Tokyo Stock Exchange 2633 ProShares Short S&P500 ETF NYSE ARCA SH ProShares Bltra Pro S&P500 (Urbedged) ETF NYSE ARCA SH ProShares Bltra Pro S&P500 (Urbedged) ETF NYSE ARCA SH ProShares Ultra S&P500 (Urbedged) ETF NYSE ARCA SSO ProShares Ultra S&P500 (Urbedged) ETF NYSE ARCA SSO ProShares Ultra Short S&P500 (Urbedged) ETF NYSE ARCA SSO ProShares Ultra Short S&P500 (Urbedged) ETF NYSE ARCA SSO ProShares Ultra Short S&P500 (Urbedged) ETF NYSE ARCA SSO Public S&P500 (Urbedged) ETF NYSE ARCA SSO PSSD S&P500 (Urbedged) ETF NYA ASSO RISE S&P500 (HC	PRODUCT NAME	PRODUCT TYPE	EXCHANGE	TICKER
Namos S&P 500 Index (NANOS)	MTF SAL(4A) S&P 500	ETF		MTFF23
NEXT FUNDS \$8P 500 (Unhedged) ETF	MTF SAL(4A) S&P 500 - Hedged	ETF		MTFF52
NEXT FUNDS SAP 500 (Unhedged) ETF	Nanos S&P 500 Index (NANOS)	Option	CBOE	NANOS
NEAT PUTUS SAP 500 (JPY Hedged) ETF	NEOS S&P 500® High Income ETF	ETF		SPYI
NZAM ET Serbou () Heiges 2006	NEXT FUNDS S&P 500 (Unhedged) ETF	ETF	Exchange	2633
ProShares Ultra S&P500 ETF NYSE ARCA SSO ProShares UltraPro S&P500 ETF NYSE ARCA UPRO ProShares UltraPro SAP500 ETF NYSE ARCA SPXU ProShares UltraShort S&P500 ETF NYSE ARCA SDS Paget ETF (4D) S&P 500 ETF NYSE ARCA SDS Paget ETF S&P 500 Currency Hedged ETF Korea Exchange (Stock Market) 379780 RISE S&P500 ETF Korea Exchange (Stock Market) 453330 RISE S&P500(H) ETF Korea Exchange (Stock Market) 453330 S&P 500 (SPF) Future CME N/A S&P 500 Index Future CME N/A S&P 500 Index (ISP) Future B4 ISP S&P 500 Index (ISP) Future CME N/A S&P 500 Index (ISP) Future CME N/A S&P 500 Index (ISP) Future CME TRI S&P 500 Index (ISP) Future CME N/A S&P 500 Index (ISP) Future CME N/	NZAM ETF S&P500 (JPY Hedged)	ETF	,	2086
ProShares UltraPro S&P500 ETF NYSE ARCA UPRO ProShares UltraPro Short S&P500 ETF NYSE ARCA SPXU ProShares UltraPro Short S&P500 ETF NYSE ARCA SDS Pagot ETF (40) S&P 500 ETF NYSE ARCA SDS Pagot ETF S&P 500 Currency Hedged ETF Korea Exchange (Stock Market) 379780 (SPS) RISE S&P500 (H) ETF Korea Exchange (Stock Market) 453330 (Stock Market) RISE S&P500 (H) ETF Korea Exchange (Stock Market) 453330 (Stock Market) S&P 500 (SPF) Future TAIFEX SPF S&P 500 Index (SP) Future CME N/A S&P 500 Index (SPY) Option CBOE SPX S&P 500 Index (SPY) Option CBOE SPX S&P 500 Index (SPY) Option CBOE SPX S&P 500 Index (SPX) Option CBOE SPX S&P 500 ITER ETF JOHANNESBURG STX500 Smartshares US 500 (NZD Hedged) ETF ETF KORE ZECHANGE SYS00 <td< td=""><td>ProShares Short S&P500</td><td>ETF</td><td>NYSE ARCA</td><td>SH</td></td<>	ProShares Short S&P500	ETF	NYSE ARCA	SH
ProShares UltraPro Short S&P500 ETF NYSE ARCA SPXU ProShares UltraShort S&P500 ETF NYSE ARCA SDS Pasgot ETF (4D) S&P 500 ETF NYSE ARCA SDS Pasgot ETF S&P 500 Currency Hedged ETF Korea Exchange (Stock Market) 379780 RISE S&P500(H) ETF Korea Exchange (Stock Market) 453330 S&P 500 (SPF) Future TAIFEX SPF S&P 500 Index (SPF) Future CME N/A S&P 500 Index (SP) Future B4 ISP S&P 500 Index (SPX) Option CB0E SPX S&P 500 Index (SPX) Option CB0E SPX S&P 500 Total Return Index Future CME ITRI Satrix S&P 500 ETF ETF JOHANNESBURG STX500 Smartshares US 500 ETF NEW ZEALAND USF Smartshares US 500 (NZD Hedged) ETF ETF New Zealand USH SOL US S&P500 ETF ETF Korea Exchange A33330 SOL US S&P500 ETF USD Ace ETF <td>ProShares Ultra S&P500</td> <td>ETF</td> <td>NYSE ARCA</td> <td>SSO</td>	ProShares Ultra S&P500	ETF	NYSE ARCA	SSO
Proshares UltraShort S&P500 ETF NYSE ARCA SDS Pasgot ETF (4D) S&P 500 ETF PSGF65 Psagot ETF S&P 500 Currency Hedged ETF N/A RISE S&P500 Currency Hedged ETF Korea Exchange (Stock Market) 379780 RISE S&P500(H) ETF Korea Exchange (Stock Market) 453330 RISE S&P500(H) ETF Korea Exchange (Stock Market) 453330 S&P 500 (SPF) Future CME N/A S&P 500 Index Future CME N/A S&P 500 Index (ISP) Future B4 ISP S&P 500 Index (ISP) Option CBDE SPX S&P 500 TET Return Index Future CME TRI Satrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE STX500 Smartshares US 500 (NZD Hedged) ETF ETF New Zealand Exchange	ProShares UltraPro S&P500	ETF	NYSE ARCA	UPR0
Pagot ETF (4D) S&P 500 ETF PSGF65 Psagot ETF S&P 500 Currency Hedged ETF N/A RISE S&P500 ETF Korea Exchange (Stock Market) 379780 RISE S&P500(H) ETF Korea Exchange (Stock Market) 453330 S&P 500 (SPF) Future TAIFEX SPF S&P 500 Index (SPY) Future CME N/A S&P 500 Index (ISP) Future B4 ISP S&P 500 Index (SPX) Option CBDE SPX S&P 500 Index (SPX) Option CBDE SPX Satrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE STX500 Smartshares US 500 ETF NEW ZEALAND EXCHANGE USF SCUL S&P500 (NZD Hedged) ETF ETF New Zealand Exchange (Stock Market) USH SOL S&P500 (NZD Hedged) ETF ETF New Zealand Exchange (Stock Market) 433330 SUL US S&P500 (PYIH) ETF Korea Exchange (Stock Market) 433330 SUL US S&P500 ETF EUR Acc H ETF Korea Exchange (Stock Market) 597E SPDR S&P	ProShares UltraPro Short S&P500	ETF	NYSE ARCA	SPXU
Psagot ETF S&P 500 Currency Hedged ETF Korea Exchange (Stock Market) 379780 RISE S&P500 (H) ETF Korea Exchange (Stock Market) 453330 S&P 500 (SPF) Future TAIFEX SPF S&P 500 Index Future CME N/A S&P 500 Index (SP) Puture B4 ISP S&P 500 Index (SPX) Option CB0E SPX S&P 500 Total Return Index Future CME TRI Satrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE STX500 Smartshares US 500 ETF NEW ZEALAND STACK USF Smartshares US 500 (NZD Hedged) ETF ETF New Zealand Low STACK USH SOL US S&P500 ETF Korea Exchange (Stock Market) 43330 SOL US S&P500 JPY(H) ETF Korea Exchange (Stock Market) 43330 SPDR S&P 500 ETF EUR Acc H ETF London Stock Stock Market) SPYL SPDR S&P 500 ETF USD Acc ETF London Stock Stock Market) SPYL SPDR S&P 500 ETF USD Acc ETF NYSE ARCA SP	ProShares UltraShort S&P500	ETF	NYSE ARCA	SDS
RISE S&P500 ETF Korea Exchange (Stock Market) RISE S&P500(H) ETF ROTEA Exchange (Stock Market) ETF SPP SAP 500 Index Future CME N/A S&P 500 Index (SP) Future B4 ISP SAP 500 Index (SPX) Option CBOE SPX S&P 500 Index (SPX) SAP 500 Index (SPX) Option CBOE SPX SAP 500 Index (SPX) ETF JOHANNESBURG STOCK EXCHANGE ETF STOCK EXCHANGE STOCK EX	Psagot ETF (4D) S&P 500	ETF		PSGF65
RISE S&P500(H) ETF Stock Market) 379780	Psagot ETF S&P 500 Currency Hedged	ETF		N/A
Sap 500 (SPF)	RISE S&P500	ETF	(Stock Market)	379780
S&P 500 Index Future CME N/A S&P 500 Index (ISP) Future B4 ISP S&P 500 Index (ISP) Option CBOE SPX S&P 500 Total Return Index Future CME TRI Satrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE STX500 Smartshares US 500 ETF NEW ZealanD EXCHANGE LTD USF SMARTSHARES US 500 (NZD Hedged) ETF ETF New Zealand EXCHANGE LTD USH SOL S&P500 ETF Korea Exchange (Stock Market) 433330 SOL US S&P500 JPY(H) ETF Korea Exchange (Stock Market) N/A SPDR S&P 500 ETF EUR Acc H ETF XETRA SPPE SPDR S&P 500 ETF US D Acc ETF XETRA SPPE SPDR S&P 500 ETF US D Acc ETF XETRA SPYL SPDR S&P 500 ETF US D Acc ETF XETRA SPYL SPDR S&P 500 ETF US D Acc ETF XETRA SPYL SPDR S&P 500 ETF ETF ASX - ALL MARKETS SPY SPDR S&P 500 ETF ETF<	RISE S&P500(H)	ETF		453330
S&P 500 Index (ISP) Future B4 ISP S&P 500 Index (SPX) Option CBOE SPX S&P 500 Total Return Index Future CME TRI Satrix S&P 500 ETF ETF JOHANNESBURG STX500 STX500 Smartshares US 500 ETF NEW ZEALAND EXCHANGE LTD USF Smartshares US 500 (NZD Hedged) ETF ETF New Zealand Exchange (Ltd USH SOL S&P500 ETF Korea Exchange (Stock Market) 433330 SOL US S&P500 JPY(H) ETF Korea Exchange (Stock Market) N/A SPDR S&P 500 ETF EUR Acc H ETF XETRA SPPE SPDR S&P 500 ETF USD Acc ETF London Stock Exchange (Stock Market) SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR S&P 500 ETF ETF NYSE ARCA SPLG SPDR S&P 500 ETF ETF ASX - ALL MARKETS SPY SPDR S&P 500 ETF ETF LONDON STOCK EXCHANGE SPYS Syg	S&P 500 (SPF)	Future	TAIFEX	SPF
S&P 500 Index (SPX) Option CB0E SPX S&P 500 Total Return Index Future CME TRI Satrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE STOCK EXCHANGE STOCK EXCHANGE STOCK EXCHANGE LTD STX500 Smartshares US 500 (NZD Hedged) ETF ETF NEW ZEALAND EXCHANGE LTD USH Smartshares US 500 (NZD Hedged) ETF ETF New Zealand Exchange Exchange (Stock Market) USH SOL S&P500 ETF Korea Exchange (Stock Market) 433330 SOL US S&P500 JPY(H) ETF XETRA SPPE SPDR S&P 500 ETF EUR Acc H ETF XETRA SPPE SPDR S&P 500 ETF USD Acc ETF London Stock Exchange (Stock Market) SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR® S&P 500 ETF USD Acc ETF XETRA SPYL SPDR® S&P 500 ETF ETF NYSE ARCA SPLG SPDR® S&P 500 ETF ETF LONDON STOCK EXCHANGE SPYS SPDR® S&P 500 ETF Trust ETF LONDON STOCK EXCHANGE SPYG500 Sppnia Itrix S&P 500 ETF	S&P 500 Index	Future	CME	N/A
S&P 500 Total Return Index Future CME TRI Satrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE STOCK EXCHANGE STX500 Smartshares US 500 ETF NEW ZEALAND EXCHANGE LTD EXCHANGE LTD USF Smartshares US 500 (NZD Hedged) ETF ETF New Zealand Exchange Ltd Exchange (Stock Market) USH SOL S&P500 ETF Korea Exchange (Stock Market) 433330 SOL US S&P500 JPY(H) ETF XETRA SPPE SPDR S&P 500 ETF EUR Acc H ETF XETRA SPPE SPDR S&P 500 ETF USD Acc ETF London Stock Exchange (Stock Market) SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR® Portfolio S&P 500 ETF ETF NYSE ARCA SPLG SPDR® S&P 500 ETF ETF ASX - ALL MARKETS SPY SPDR® S&P 500 ETF ETF LONDON STOCK EXCHANGE SPY5 SPDR® S&P 500 ETF Trust ETF JOHANNESBURG STOCK EXCHANGE SYG500 Tachlit Sal Composite INT. Equity Currency-Hedge	S&P 500 Index (ISP)	Future	B4	ISP
Satrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE STOCK EXCHANGE STX500 Smartshares US 500 ETF NEW ZEALAND EXCHANGE LTD EXCHANGE STOCK EXCHANGE SEXCHANGE (STOCK MARKET) USH SOL S&P500 ETF New Zealand Exchange (Stock Market) 433330 SOL US S&P500 JPY(H) ETF Korea Exchange (Stock Market) N/A SPDR S&P 500 ETF EUR Acc H ETF XETRA SPPE SPDR S&P 500 ETF USD Acc ETF London Stock Exchange (Stock Market) SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR® S&P 500 ETF ETF NYSE ARCA SPLG SPDR® S&P 500 ETF ETF ASX - ALL MARKETS SPY SPDR® S&P 500 ETF ETF LONDON STOCK EXCHANGE SPY5 SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPY Sygnia Itrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE SYG500 Tachlit Sal Composite INT. Equity Currency-Hedged Monthly ETF <td>S&P 500 Index (SPX)</td> <td>Option</td> <td>CBOE</td> <td>SPX</td>	S&P 500 Index (SPX)	Option	CBOE	SPX
Satrix S&P 500 ETF ETF STOCK EXCHANGE STX500 Smartshares US 500 (NZD Hedged) ETF ETF NEW ZEALAND EXCHANGE LTD USF EXCHANGE LTD USH EXCHANGE LTD USH EXCHANGE LTD USH SW Zealand Exchange Ltd USH SW Zealand Exchange Ltd USH SW Zealand Exchange Stock Market) SOL S&P500 ETF EUR Acc H ETF Korea Exchange (Stock Market) N/A SPDR S&P 500 ETF EUR Acc H ETF XETRA SPPE SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR® S&P 500 ETF SO ETF ETF NYSE ARCA SPLG SPDR® S&P 500 ETF EUR SP 500 ETF ETF NYSE ARCA SPLG SPDR® S&P 500 ETF ETF ASX - ALL MARKETS SPY SPDR® S&P 500 ETF ETF ASX - ALL MARKETS SPY SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPYS SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPYS SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPYS SPDR® S&P 500 ETF TRUST ETF TOK SECHANGE STOCK EXCHANGE STOCK EXCHANG	S&P 500 Total Return Index	Future		TRI
Smartshares US 500 ETF EXCHANGE LTD USF Smartshares US 500 (NZD Hedged) ETF ETF New Zealand Exchange Ltd USH SOL S&P500 ETF Korea Exchange (Stock Market) 433330 SOL US S&P500 JPY(H) ETF Korea Exchange (Stock Market) N/A SPDR S&P 500 ETF EUR Acc H ETF XETRA SPPE SPDR S&P 500 ETF USD Acc ETF London Stock Exchange SPYL SPDR® S&P 500 ETF USD Acc ETF XETRA SPYL SPDR® S&P 500 ETF USD Acc ETF NYSE ARCA SPLG SPDR® Dertfolio S&P 500 ETF ETF NYSE ARCA SPLG SPDR® S&P 500 ETF ETF LONDON STOCK EXCHANGE SPYS SPDR® S&P 500 ETF ETF NYSE ARCA SPY Sygnia Itrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE SYG500 Tachlit Sal Composite US Equity Monthly ETF TCHF10 Tachlit Sal S&P 500 Currency Hedged ETF TCHF10 TICHEN Sal S&P 500 Currency Hedged ETF TCHF11 TUSEN SALES	Satrix S&P 500 ETF	ETF	STOCK EXCHANGE	STX500
Smartshares US 500 (NZD Hedged) ETF ETF Exchange Ltd Korea Exchange (Stock Market) SOL US S&P500 JPY(H) ETF Korea Exchange (Stock Market) Korea Exchange (Stock Market) N/A SPDR S&P 500 ETF EUR Acc H ETF ETF ETF SPDR S&P 500 ETF USD Acc ETF SPDR S&P 500 ETF USD Acc ETF ETF SPDR S&P 500 ETF ETF SPDR S&P 500 ETF ETF NYSE ARCA SPYL SPDR S&P 500 ETF SPDR S&P 500 ETF ETF ASX - ALL MARKETS SPY SPDR S&P 500 ETF Trust ETF SPDR S&P 500 ETF ETF SPOR SPOR S&P 500 ETF ETF SPOR SPOR S&P 500 ETF ETF SPOR SPOR SPOR SPOR SPOR SPOR SPOR SPOR	Smartshares US 500	ETF	EXCHANGE LTD	USF
SOL US S&P500 JPY(H) ETF Korea Exchange (Stock Market) SPDR S&P 500 ETF EUR Acc H ETF ETF ETF ETF ETF ETF ETF ET	Smartshares US 500 (NZD Hedged) ETF	ETF	Exchange Ltd	USH
SDL US S&PSUU JPY(H) ETF (Stock Market) N/A SPDR S&P 500 ETF EUR Acc H ETF ETF ETF ETF SPDR S&P 500 ETF USD Acc ETF SPDR S&P 500 ETF ETF SPPR S&P 500 ETF ETF SPPR S&P 500 ETF ETF SPPR S&P 500 ETF SPPR S&P 500 ETF ETF SPPR S&P 500 ETF SPPR S&P 500 ETF ETF SPPR SPECOR SPPR SPPR SPPR SPPR SPECOR SPPR SPECOR SPPR SPPR SPPR SPPR SPECOR SPPR SPECOR SPPR SPPR SPPR SPPR SPPR SPPR SPPR SP	SOL S&P500	ETF	(Stock Market)	433330
SPDR S&P 500 ETF EUR Acc H SPDR S&P 500 ETF USD Acc ETF London Stock Exchange SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR S&P 500 ETF USD Acc ETF XETRA SPYL SPDR® Portfolio S&P 500 ETF SPDR® S&P 500 ETF ETF NYSE ARCA SPLG SPDR® S&P 500 ETF ETF ASX - ALL MARKETS SPY LONDON STOCK EXCHANGE SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPY SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPY Sygnia Itrix S&P 500 ETF ETF NYSE ARCA SPY Sygnia Itrix S&P 500 ETF ETF TCHF40 Tachlit Sal Composite US Equity Monthly ETF TCHF134 Tachlit Sal S&P 500 Currency Hedged ETF KOREA EXCHANGE SPORE SPORE KOREA EXCHANGE	SOL US S&P500 JPY(H)	ETF		N/A
SPDR S&P 500 ETF USD Acc SPDR S&P 500 ETF USD Acc SPDR® Portfolio S&P 500 ETF SPDR® Portfolio S&P 500 ETF SPDR® S&P 500 ETF ETF SPDR® S&P 500 ETF SPDR® S&P 500 ETF SPDR® S&P 500 ETF SPDR® S&P 500 ETF ETF SPDR® S&P 500 ETF ETF SPDR® S&P 500 ETF SPYS SP	SPDR S&P 500 ETF EUR Acc H	ETF		SPPE
SPDR® Portfolio S&P 500 ETF SPDR® S&P 500 ETF ETF ASX - ALL MARKETS SPY SPDR® S&P 500 ETF SPDR® S&P 500 ETF ETF LONDON STOCK EXCHANGE SPY5 SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPY Sygnia Itrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE SYG500 Tachlit Sal Composite INT. Equity Currency-Hedged Monthly ETF TCHF40 Tachlit Sal Composite US Equity Monthly ETF TCHF134 Tachlit Sal S&P 500 Currency Hedged ETF TCHF76 Tachlit Sal S&P 500 Currency Hedged ETF KOREA EXCHANGE 260750	SPDR S&P 500 ETF USD Acc	ETF		SPYL
SPDR® S&P 500 ETF SPDR® S&P 500 ETF ETF LONDON STOCK EXCHANGE SPY5 SPY5 SPY6 SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPY Sygnia Itrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE SYG500 Tachlit Sal Composite INT. Equity Currency-Hedged Monthly ETF TCHF40 Tachlit Sal Composite US Equity Monthly ETF TCHF134 Tachlit Sal S&P 500 Currency Hedged ETF TCHF76 Tachlit Sal S&P 500 Currency Hedged ETF KOREA EXCHANGE 200750	SPDR S&P 500 ETF USD Acc	ETF	XETRA	SPYL
SPDR® S&P 500 ETF ETF LONDON STOCK EXCHANGE SPY5 SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPY Sygnia Itrix S&P 500 ETF Sygnia Itrix S&P 500 ETF ETF SYG500 Tachlit Sal Composite INT. Equity Currency-Hedged Monthly ETF TCHF40 Tachlit Sal Composite US Equity Monthly ETF TCHF134 Tachlit Sal S&P 500 ETF TCHF76 Tachlit Sal S&P 500 Currency Hedged ETF KOREA EXCHANGE 260750	SPDR® Portfolio S&P 500 ETF	ETF	NYSE ARCA	SPLG
SPDR® S&P 500 ETF Trust ETF EXCHANGE SPYS SPDR® S&P 500 ETF Trust ETF NYSE ARCA SPY Sygnia Itrix S&P 500 ETF ETF SYG500 Tachlit Sal Composite INT. Equity Currency-Hedged Monthly ETF TCHF40 Tachlit Sal Composite US Equity Monthly ETF TCHF134 Tachlit Sal S&P 500 ETF TCHF76 Tachlit Sal S&P 500 Currency Hedged ETF KOREA EXCHANGE SPYS SYG500 SYG500 TCHF40 TCHF134 TCHF134 TCHF76 TCHF76 TCHF11	SPDR® S&P 500 ETF	ETF	ASX - ALL MARKETS	SPY
Sygnia Itrix S&P 500 ETF ETF JOHANNESBURG STOCK EXCHANGE SYG500 Tachlit Sal Composite INT. Equity Currency-Hedged Monthly ETF TCHF40 Tachlit Sal Composite US Equity Monthly ETF TCHF134 Tachlit Sal S&P 500 ETF TCHF76 Tachlit Sal S&P 500 Currency Hedged ETF KOREA EXCHANGE 260750	SPDR® S&P 500 ETF	ETF		SPY5
Tachlit Sal Composite INT. Equity Currency-Hedged Monthly ETF TCHF40 Tachlit Sal Composite US Equity Monthly ETF TCHF134 Tachlit Sal S&P 500 ETF TCHF76 Tachlit Sal S&P 500 Currency Hedged ETF TCHF11 TICEP 6 P 5 P 5 P 5 P 5 P 5 P 5 P 5 P 5 P 5	SPDR® S&P 500 ETF Trust	ETF		SPY
Tachlit Sal Composite US Equity Monthly ETF TCHF134 Tachlit Sal S&P 500 ETF TCHF76 Tachlit Sal S&P 500 Currency Hedged ETF TCHF11 TICEP S&P500 ETF KOREA EXCHANGE 260750	Sygnia Itrix S&P 500 ETF	ETF		SYG500
Tachlit Sal S&P 500 ETF TCHF76 Tachlit Sal S&P 500 Currency Hedged ETF TCHF11 TICEP S&P500 KOREA EXCHANGE 260750	Tachlit Sal Composite INT. Equity Currency-Hedged Monthly	ETF		TCHF40
Tachlit Sal S&P 500 Currency Hedged ETF TCHF11 TICED S&P500 ETF KOREA EXCHANGE 260750	Tachlit Sal Composite US Equity Monthly	ETF		TCHF134
TICED CARDEOU	Tachlit Sal S&P 500	ETF		TCHF76
	Tachlit Sal S&P 500 Currency Hedged	ETF		TCHF11
	TIGER S&P500	ETF		360750

Equity S&P 500®

A Division of S&P Global

TIGER \$8P500 Total Return (H) ETF KFMO—Unitsted und Manager Quee 448290 TIGER US \$8P500 Leverage (Synth H) ETF KOREA EXCHANGE (STOCK MARKET) 25040 UBS ETF \$8P 500 A CHF HAcc ETF SIX SWISS SP500S SP500S UBS ETF \$8P 500 A EUR H Acc ETF SIX SWISS SP500E SP500E UBS ETF \$8P 500 A GBP H Inc ETF SIX SWISS SP500E SP500H UBS ETF \$8P 500 USD A dis ETF SIX SWISS SP500E SP500H UBS FS \$8P 500 SP USD A acc ETF ETF EXCHANGE SUSANS SP500S Vanguard \$8P 500 ETF ETF TORONTO STOCK EXCHANGE SUSANS VFV Vanguard \$8P 500 ETF CAD-H ETF TORONTO STOCK EXCHANGE SUSANS VIAA Vanguard \$8P 500 ETF CAD-H ETF LONDON STOCK EXCHANGE SUSANS VIAA Vanguard \$8P 500 ETF LOS Acc ETF LONDON STOCK EXCHANGE SUSANS VIAA Vanguard \$8P 500 ETF LOS Acc ETF LONDON STOCK EXCHANGE SUSANS VIAA Variackers \$8P 500 ETF 10- EUR H ETF EX ETRA XDPC Variackers \$8P 500 ETF 10- EUR H ETF LONDON STOCK EXCHANG	PRODUCT NAME	PRODUCT TYPE	EXCHANGE	TICKER
UBS ETF S&P 500 A CHF H Acc	TIGER S&P500 Total Return (H)	ETF		448290
UBS ETF S&P 500 A CHT H Acc ETF EXCHANGE SP500E UBS ETF S&P 500 A GBP H Inc ETF SIX SWISS EXCHANGE SP500H UBS ETF S&P 500 USD A dis ETF SIX SWISS EXCHANGE SP500H UBS ETF S&P 500 USD A dis ETF SIX SWISS EXCHANGE SP5USY UBS FS S&P 500 SF USD A acc ETF ETF SIX SWISS EXCHANGE SUSAS Vanguard S&P 500 ETF ETF TORONTO STOCK EXCHANGE VFV Vanguard S&P 500 ETF ETF TORONTO STOCK EXCHANGE VOO Vanguard S&P 500 ETF CAD-H ETF TORONTO STOCK EXCHANGE VUAA Vanguard S&P 500 ETF USD Acc ETF LONDON STOCK EXCHANGE VUAA Vanguard S&P 500 UCITS ETF ETF LONDON STOCK EXCHANGE VUSD WOORI US S&P500 ETF KOREA Exchange (Stock Market) 444490 WITTACKER S&P 500 ETF 1C - EUR H ETF XETRA XDPD Xtrackers S&P 500 ETF 1C - EUR H ETF LONDON STOCK EXCHANGE XDPD Xtrackers S&P 500 ETF 1C - EUR H ETF XETRA XDPD Xtrackers S&P 500 ETF 4C - U	TIGER US S&P500 Leverage (Synth H)	ETF		225040
UBS ETF S&P 500 A GBP H Inc ETF EXCHANGE SP500E UBS ETF S&P 500 USD A dis ETF SIX SWISS SIX SWISS SIX SWISS SYPSUSY UBS FS S&P 500 USD A dis ETF SIX SWISS SIX SWISS SUSAS UBS FS S&P 500 SF USD A acc ETF ETF SIX SWISS SUSAS Vanguard S&P 500 ETF ETF TORONTO STOCK EXCHANGE SCHANGE Vanguard S&P 500 ETF ETF NYSE ARCA VOO Vanguard S&P 500 ETF CAD-H ETF TORONTO STOCK EXCHANGE SCHANGE Vanguard S&P 500 ETF USD Acc ETF LONDON STOCK EXCHANGE UVAA Vanguard S&P 500 UCITS ETF ETF LONDON STOCK EXCHANGE UVAA WOORI US S&P500 ETF Korea Exchange SCHANGE UVAA WOORI US S&P500 UCITS ETF ETF XETRA XDPE Xtrackers S&P 500 ETF 1C - EUR H ETF XETRA XDPE Xtrackers S&P 500 ETF 1D - EUR H ETF XETRA XDPE Xtrackers S&P 500 ETF 2C - GBP H ETF LONDON STOCK EXCHANGE UXANGE U	UBS ETF S&P 500 A CHF H Acc	ETF		SP500S
UBS ETF S&P 500 A GBP H Inc	UBS ETF S&P 500 A EUR H Acc	ETF		SP500E
BS E1F S&P 500 SF USD A dis ETF EXCHANGE SIX SWISS SUSAS	UBS ETF S&P 500 A GBP H Inc	ETF		SP500H
UBS FS S&P 500 ST USD A acc EIF EIF EXCHANGE SSUSAS Vanguard S&P 500 ETF ETF TORONTO STOCK EXCHANGE VFV Vanguard S&P 500 ETF CAD-H ETF TORONTO STOCK EXCHANGE VSP Vanguard S&P 500 ETF USD Acc ETF LONDON STOCK EXCHANGE VUAA Vanguard S&P 500 UCITS ETF ETF LONDON STOCK EXCHANGE VUSD WOORI US S&P500 ETF Korea Exchange (Stock Market) 444490 Vtrackers S&P 500 ETF 1C - EUR H ETF XETRA XDPE Xtrackers S&P 500 ETF 1D - EUR H ETF XETRA XDPD Xtrackers S&P 500 ETF 2C - GBP H ETF LONDON STOCK EXCHANGE XDPG Xtrackers S&P 500 ETF 3C - CHF H ETF SIX SWISS EXCHANGE XDPG Xtrackers S&P 500 ETF 4C - USD ETF LONDON STOCK Exchange XDPC Xtrackers S&P 500 SW 5C EUR H ETF XETRA XSSE Xtrackers S&P 500 SW 7C GBP H ETF XFMQ - Unlisted Fund Manager Quote F	UBS ETF S&P 500 USD A dis	ETF		SP5USY
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AS OF FEBRUARY 28, 2025

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Performance Disclosure/Back-Tested Data

Source: S&P Dow Jones Indices LLC.

The launch date of the S&P 500 was March 4, 1957.

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Please refer to the methodology for the Index for more details about the index, including the manner in which it is rebalanced, the timing of such rebalancing, criteria for additions and deletions, as well as all index calculations.

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AS OF FEBRUARY 28, 2025

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