



Exchange-Traded Funds (ETF)
Quick Reference Guide

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SINGAPORE

SPDR Straits Times Index ETF

Ticker	STTF SP	Ttl Assets (US\$M)	1,276	Traded Currency	SGD
Exp. Ratio	0.30	Div Yield (%)	2.60%	30D Avg Turnover ('000)	828

SPDR Straits Times Index ETF is an exchange-traded fund established in Singapore. The Fund's objective is to replicate as closely as possible, before expenses, the performance of the Straits Times Index. The Fund invests all, or substantially all, of its assets in Index Shares in substantially the same weightings as reflected in the Straits Times Index. SGX Trading Name: STI ETF 100

Nikko AM Singapore STI ETF

Ticker	DBSSTI SP	Ttl Assets (US\$M)	428	Traded Currency	SGD
Exp. Ratio	0.30	Div Yield (%)	3.00%	30D Avg Turnover ('000)	360

Nikko AM Singapore STI ETF is an exchange-traded fund established in Singapore. The Fund's investment objective is to replicate as closely as possible, before expenses, the performance of the FTSE Straits Times Index. The Fund will invest all, or substantially all, of its assets in Index Shares in substantially the same weightings as reflected in the FTSE Straits Times Index.

Lion-OCBC Securities Hang Seng Tech ETF

Ticker	HST SP	Ttl Assets (US\$M)	231	Traded Currency	SGD
Exp. Ratio	0.68	Div Yield (%)	N/A	30D Avg Turnover ('000)	1,870

Lion-OCBC Securities Hang Seng Tech ETF is an exchange-traded fund incorporated in Singapore. The Fund seeks to track the performance of the Hang Seng TECH Index using a direct investment policy of investing in all, or substantially all, of the underlying Index Securities.

Lion-OCBC Securities China Leaders ETF

Ticker	YYY SP	Ttl Assets (US\$M)	64	Traded Currency	SGD
Exp. Ratio	0.62	Div Yield (%)	N/A	30D Avg Turnover ('000)	126

Lion-OCBC Securities China Leaders ETF is an exchange-traded fund incorporated in Singapore. The Fund seeks to track the performance of the Hang Seng Stock Connect China 80 Index using a direct investment policy of investing in all, or substantially all, of the underlying Index Securities.

Lion-Phillip S-REIT ETF

Ticker	SREITS SP	Ttl Assets (US\$M)	181	Traded Currency	SGD
Exp. Ratio	0.60	Div Yield (%)	4.79%	30D Avg Turnover ('000)	654

Lion-Phillip S-REIT ETF is an exchange-traded fund established in Singapore. The Fund's investment objective is to replicate as closely as possible, before expenses, the performance of Morningstar Singapore REIT Yield Index PR SGD. The Fund invests all its assets in the underlying Index Securities through Full or Representative Sampling Strategy.

SINGAPORE

Nikko AM-StraitsTrading Asia ex Japan REIT ETF

Ticker	AXJREIT SP	Ttl Assets (US\$M)	245	Traded Currency	SGD
Exp. Ratio	0.60	Div Yield (%)	4.70%	30D Avg Turnover ('000)	742

Nikko AM-StraitsTrading Asia ex Japan REIT ETF is an exchange-traded fund established in Singapore. The Fund's investment objective is to replicate as closely as possible, before expenses, the performance of the FTSE EPRA/NAREIT Asia ex Japan Net TR REIT Index. The Fund will invest all, or substantially all, of its assets in Index Shares in same weightings.

ABF Singapore Bond Index Fund

Ticker	SBIF SP	Ttl Assets (US\$M)	782	Traded Currency	SGD
Exp. Ratio	0.25	Div Yield (%)	1.08%	30D Avg Turnover ('000)	270

ABF Singapore Bond Index Fund is an exchange-traded fund established in Singapore. The Fund's objective is to provide returns that correspond closely to the performance of the iBoxx ABF Singapore Bond Index before expenses, with a target tracking error of 40 basis points on an annual basis. The Fund invests substantially in the constituent securities of the Benchmark Index.

Nikko AM SGD Investment Grade Corporate Bond ETF

Ticker	NIKIGCB SP	Ttl Assets (US\$M)	446	Traded Currency	SGD
Exp. Ratio	0.30	Div Yield (%)	1.35%	30D Avg Turnover ('000)	308

Nikko AM SGD Investment Grade Corporate Bond ETF is an open-end fund incorporated in Singapore. The Fund's objective is to provide investors with investment returns that correspond closely to the total return of the Index. The Fund can invest up to 20% of its total net asset value in non-Index securities, such as SGD denominated bonds and Singapore Government Securities.

iShares Barclays USD Asia High Yield Bond Index ETF

Ticker	AHYG SP	Ttl Assets (US\$M)	2,203	Traded Currency	USD
Exp. Ratio	0.50	Div Yield (%)	4.35%	30D Avg Turnover ('000)	222

iShares Barclays USD Asia High Yield Bond Index ETF is an exchange-traded fund incorporated in Singapore. The Fund seeks to track the performance of the Bloomberg Asia USD High Yield Diversified Credit Index.

ICBC CSOP FTSE Chinese Government Bond Index ETF

Ticker	CYC SP	Ttl Assets (US\$M)	1,468	Traded Currency	SGD
Exp. Ratio	0.25	Div Yield (%)	2.74%	30D Avg Turnover ('000)	23

ICBC CSOP FTSE Chinese Government Bond Index ETF is an exchange-traded fund incorporated in Singapore. The Fund will adopt a Representative Sampling Strategy to replicate as closely as possible, before fees and expenses, the performance of the FTSE Chinese Government Bond Index.

UNITED STATES EQUITY

SPDR Dow Jones Industrial Average ETF Trust

Ticker	DIA US	Ttl Assets (US\$M)	29,439	Traded Currency	USD
Exp. Ratio	0.16	Div Yield (%)	0.90%	30D Avg Turnover ('000)	6,176

SPDR Dow Jones Industrial Average ETF Trust is an exchange-traded fund incorporated in the USA. The ETF tracks the Dow Jones Industrial Average Index. The ETF holds the 30 large-cap US stocks that represent the Index. This ETF is registered as a Unit Investment trust and pays a monthly dividend representing dividends paid by the underlying stocks. The ETF's holdings are price weighted.

SPDR S&P 500 ETF Trust

Ticker	SPY US	Ttl Assets (US\$M)	410,415	Traded Currency	USD
Exp. Ratio	0.09	Div Yield (%)	1.49%	30D Avg Turnover ('000)	89,217

SPDR S&P 500 ETF Trust is an exchange-traded fund incorporated in the USA. The ETF tracks the S&P 500 Index. The Trust consists of a portfolio representing all 500 stocks in the S&P 500 Index. It holds predominantly large-cap U.S. stocks. This ETF is structured as a Unit Investment Trust and pays dividends on a quarterly basis. The holdings are weighted by market capitalization.

iShares Core S&P 500 ETF

Ticker	IVV US	Ttl Assets (US\$M)	306,718	Traded Currency	USD
Exp. Ratio	0.03	Div Yield (%)	1.36%	30D Avg Turnover ('000)	6,906

iShares Core S&P 500 ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the S&P 500 Index. It invests in all 500 stocks that comprise the index. The ETF holds predominantly large-cap stocks from U.S. companies. It weights the holdings using a market capitalization methodology and rebalances quarterly.

Vanguard S&P 500 ETF

Ticker	VOO US	Ttl Assets (US\$M)	258,570	Traded Currency	USD
Exp. Ratio	0.03	Div Yield (%)	1.52%	30D Avg Turnover ('000)	7,278

Vanguard S&P 500 ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the S&P 500 Index. The ETF primarily holds large-cap U.S. stocks. It invests in all 500 stocks that comprise the index. The ETF weights the holdings using a market capitalization methodology and rebalances quarterly.

Invesco QQQ Trust Series 1

Ticker	QQQ US	Ttl Assets (US\$M)	187,261	Traded Currency	USD
Exp. Ratio	0.20	Div Yield (%)	0.56%	30D Avg Turnover ('000)	62,794

Invesco QQQ Trust Series 1 is an exchange-traded fund incorporated in the USA. The ETF tracks the Nasdaq 100 Index includes 100 of the largest non-financial companies by market cap listed on Nasdaq. The Index reflects companies across major industry groups including computer hardware and software, telecommunications, retail/wholesale trade and biotechnology.

UNITED STATES EQUITY

ChinaAMC NASDAQ 100 ETF

Ticker	3086 HK	Ttl Assets (US\$M)	209	Traded Currency	HKD
Exp. Ratio	0.30	Div Yield (%)	0.14%	30D Avg Turnover ('000)	110

ChinaAMC NASDAQ 100 ETF is an exchange-traded fund incorporated in Hong Kong. It has been designed to replicate, to the extent possible, the performance of the Nasdaq-100 Index, before deduction of fees and expenses.

iShares NASDAQ 100 ETF

Ticker	2834 HK	Ttl Assets (US\$M)	44	Traded Currency	HKD
Exp. Ratio	0.28	Div Yield (%)	N/A	30D Avg Turnover ('000)	6

iShares NASDAQ 100 ETF is an exchange-traded fund incorporated in Hong Kong. The fund seeks to track the performance of the NASDAQ 100 Index.

iShares Russell 2000 ETF

Ticker	IWM US	Ttl Assets (US\$M)	60,032	Traded Currency	USD
Exp. Ratio	0.19	Div Yield (%)	1.35%	30D Avg Turnover ('000)	38,369

iShares Russell 2000 ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the Russell 2000 Index Fund. The ETF holds mid and small-cap U.S. stocks. Its investments are in the smallest 2000 companies from the Russell 3000 Index. The ETF weights the holdings by market capitalization and rebalances annually.

iShares Russell 1000 Growth ETF

Ticker	IWF US	Ttl Assets (US\$M)	68,163	Traded Currency	USD
Exp. Ratio	0.19	Div Yield (%)	0.60%	30D Avg Turnover ('000)	2,608

iShares Russell 1000 Growth ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the Russell 1000 Growth Index. The ETF holds mostly large-cap U.S. stocks. Its investments are in companies whose earnings are expected to grow at an above-average rate relative to the market. The ETF weights the holdings by market capitalization.

Vanguard Total Stock Market ETF

Ticker	VTI US	Ttl Assets (US\$M)	275,999	Traded Currency	USD
Exp. Ratio	0.03	Div Yield (%)	1.56%	30D Avg Turnover ('000)	4,335

Vanguard Total Stock Market ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the CRSP US Total Market Index. The ETF holds U.S. stocks of all cap sizes. Its investments aim to represent the entire U.S. Equity Market. The ETF holds over 3,500 securities and weights these holdings by market capitalization.

CHINA EQUITY

iShares MSCI China ETF

Ticker	MCHI US	Ttl Assets (US\$M)	6,356	Traded Currency	USD
Exp. Ratio	0.59	Div Yield (%)	1.50%	30D Avg Turnover ('000)	5,900

iShares MSCI China ETF is an exchange-traded fund incorporated in the USA. The ETF seeks to track the performance of the MSCI China Index. The Index is a free float adjusted market cap weighted index designed to measure the performance of equity securities in the top 85% in market cap of Chinese equity markets, as represented by the A-Shares, H-Shares, B-Shares, Red Chips, & P-Chips.

iShares China Large-Cap ETF

Ticker	FXI US	Ttl Assets (US\$M)	5,707	Traded Currency	USD
Exp. Ratio	0.74	Div Yield (%)	2.27%	30D Avg Turnover ('000)	33,743

iShares China Large-Cap ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the FTSE China 50 Index, investing in large cap stocks. Its investments are focused in the financial, oil and gas, technology and communications sectors. The ETF uses a representative sampling indexing strategy, investing at least 90% of its assets in the securities of the underlying index.

Xtrackers Harvest CSI 300 China A-Shares ETF

Ticker	ASHR US	Ttl Assets (US\$M)	3,252	Traded Currency	USD
Exp. Ratio	0.65	Div Yield (%)	0.92%	30D Avg Turnover ('000)	5,094

Xtrackers Harvest CSI 300 China A-Shares ETF is an exchange-traded fund incorporated in the USA. The fund seeks to track the performance of the CSI300 Index. Through the use of an RQFII quota, ASHR is able to offer US investors direct access to Chinese A-Shares which are listed on the Shenzhen and Shanghai Stock Exchanges.

Hang Seng China Enterprise ETF

Ticker	2828 HK	Ttl Assets (US\$M)	3,139	Traded Currency	HKD
Exp. Ratio	0.65	Div Yield (%)	2.04%	30D Avg Turnover ('000)	22,279

Hang Seng Investment Index Funds Series - Hang Seng China Enterprises Index ETF is an exchange-traded fund established in Hong Kong. The Fund's objective is to provide investment returns that match the performance of the Hang Seng China Enterprises Index (H-Share Index). The Fund invests in constituent stocks of the H-Share Index.

ChinaAMC CSI 300 Index ETF

Ticker	83188 HK	Ttl Assets (US\$M)	2,610	Traded Currency	CNY
Exp. Ratio	0.81	Div Yield (%)	0.62%	30D Avg Turnover ('000)	216

ChinaAMC ETF Series - ChinaAMC CSI 300 Index ETF is an exchange-traded fund incorporated in Hong Kong. The Fund seeks to track the performance of the CSI 300 Index. The Fund mainly invests most of its total assets in the equities of member companies of the CSI 300 Index. This is a RQFII fund.

CHINA EQUITY

iShares FTSE A50 China ETF

Ticker	2823 HK	Ttl Assets (US\$M)	2,428	Traded Currency	HKD
Exp. Ratio	0.35	Div Yield (%)	1.42%	30D Avg Turnover ('000)	5,853

iShares FTSE A50 China ETF is an exchanged-traded fund established in Hong Kong. The investment objective of the iShares FTSE A50 China Index ETF is to provide investment results that, before fees and expenses, closely correspond to the performance of A50 Index.

CSOP FTSE China A50 ETF

Ticker	82822 HK	Ttl Assets (US\$M)	1,630	Traded Currency	CNY
Exp. Ratio	1.18	Div Yield (%)	2.03%	30D Avg Turnover ('000)	744

CSOP FTSE China A50 ETF is an exchange-traded fund incorporated in Hong Kong. The Fund seeks to track the performance of the FTSE China A50 Index. The Fund invests most of its total assets in the equities of member companies of the FTSE China A50 Index. This is a RQFII fund.

SPDR S&P China ETF

Ticker	GXC US	Ttl Assets (US\$M)	1,496	Traded Currency	USD
Exp. Ratio	0.59	Div Yield (%)	1.72%	30D Avg Turnover ('000)	161

SPDR S&P China ETF is an exchange-traded fund incorporated in the USA. The Fund's objective is to replicate the performance of the S&P China BMI Index. The Index measures publicly traded companies domiciled in China, but legally available to foreign investors.

iShares MSCI China A ETF

Ticker	CNYA US	Ttl Assets (US\$M)	927	Traded Currency	USD
Exp. Ratio	0.60	Div Yield (%)	1.97%	30D Avg Turnover ('000)	250

iShares MSCI China A ETF is an exchange-traded fund incorporated in the USA. The Fund seeks to track the investment results of an index composed of domestic Chinese equities that trade on the Shanghai or Shenzhen Stock Exchange.

iShares Core MSCI China ETF

Ticker	2801 HK	Ttl Assets (US\$M)	628	Traded Currency	HKD
Exp. Ratio	0.20	Div Yield (%)	1.40%	30D Avg Turnover ('000)	299

iShares Core MSCI China ETF is an exchange-traded fund registered in Hong Kong. The Fund seeks to provide investment results that correspond closely to the performance of the MSCI China Index. The Fund invests all, or substantially all, of its assets in index shares in substantially the same weightings as constituted in the Underlying Index.

HONG KONG EQUITY

Tracker Fund of Hong Kong

Ticker	2800 HK	Ttl Assets (US\$M)	13,952	Traded Currency	HKD
Exp. Ratio	0.10	Div Yield (%)	2.70%	30D Avg Turnover ('000)	121,237

Tracker Fund of Hong Kong (TraHK) is an ETF registered in Hong Kong. The Fund seeks to provide investment results that closely correspond to the performance of the Hang Seng Index through investing all, or substantially all, of the Fund's assets in Index Shares in substantially the same weightings as they appear in the Hang Seng Index.

Hang Seng Index ETF

Ticker	2833 HK	Ttl Assets (US\$M)	5,914	Traded Currency	HKD
Exp. Ratio	0.10	Div Yield (%)	2.63%	30D Avg Turnover ('000)	404

Hang Seng Investment Index Funds Series II - HSI ETF is an exchange-traded fund established in Hong Kong. The Fund's objective is to match, before expenses, as closely as practicable the performance of the Hang Seng Index. The Fund invests in constituent stocks of the Hang Seng Index.

CSOP Hang Seng TECH Index ETF

Ticker	3033 HK	Ttl Assets (US\$M)	1,896	Traded Currency	HKD
Exp. Ratio	1.04	Div Yield (%)	N/A	30D Avg Turnover ('000)	43,298

CSOP Hang Seng TECH Index ETF is an exchange-traded fund incorporated in the HK. The Sub-Fund will primarily use a full replication strategy to provide investment results that, before deduction of fees and expenses, closely correspond to the performance of the Hang Seng TECH Index.

iShares MSCI Hong Kong ETF

Ticker	EWHS	Ttl Assets (US\$M)	968	Traded Currency	USD
Exp. Ratio	0.49	Div Yield (%)	0.07%	30D Avg Turnover ('000)	4,289

iShares MSCI Hong Kong ETF is an exchange-traded fund incorporated in the USA. The ETF's objective seeks to provide investment results that correspond to the performance of publicly traded securities in the Hong Kong market, as measured by the MSCI Hong Kong 25/50 Index. The ETF invests in a representative sample of index stocks using a "portfolio sampling" technique.

iShares Core MSCI China ETF

Ticker	2801 HK	Ttl Assets (US\$M)	628	Traded Currency	HKD
Exp. Ratio	0.20	Div Yield (%)	1.40%	30D Avg Turnover ('000)	299

iShares Core MSCI China ETF is an exchange-traded fund registered in Hong Kong. The Fund seeks to provide investment results that correspond closely to the performance of the MSCI China Index. The Fund invests all, or substantially all, of its assets in index shares in substantially the same weightings as constituted in the Underlying Index.

Ping An of China CSI HK Dividend ETF

Ticker	3070 HK	Ttl Assets (US\$M)	104	Traded Currency	HKD
Exp. Ratio	0.76	Div Yield (%)	6.33%	30D Avg Turnover ('000)	20

Ping An of China CSI HK Dividend ETF is an exchange-traded fund incorporated in Hong Kong. The Fund seeks to track the performance of the CSI Hong Kong Dividend Index. The Fund mainly invests in CSI HK Dividend Index constituents.

FIXED INCOME

iShares Core U.S. Aggregate Bond ETF

Ticker	AGG US	Ttl Assets (US\$M)	90,833	Traded Currency	USD
Exp. Ratio	0.04	Div Yield (%)	1.25%	30D Avg Turnover ('000)	7,689

iShares Core U.S. Aggregate Bond ETF is an exchange-traded fund incorporated in the USA. The ETF seeks to track the Bloomberg Barclays US Aggregate Bond Index. The fund invests in securities within the total U.S. investment-grade bond market. This includes Treasuries, government-related and corporate securities, MBS, ABS and CMBS.

Vanguard Total Bond Market ETF

Ticker	BND US	Ttl Assets (US\$M)	83,602	Traded Currency	USD
Exp. Ratio	0.04	Div Yield (%)	2.03%	30D Avg Turnover ('000)	6,323

Vanguard Total Bond Market ETF is an exchange-traded fund incorporated in the USA. The Fund seeks to track the performance of the Bloomberg Barclays Capital Aggregate Bond Index, which measures a wide spectrum of public, investment-grade, taxable, fixed income securities in the U.S.

Vanguard Total International Bond ETF

Ticker	BNDX US	Ttl Assets (US\$M)	45,980	Traded Currency	USD
Exp. Ratio	0.08	Div Yield (%)	27.43%	30D Avg Turnover ('000)	3,308

Vanguard Total International Bond ETF is an exchange-traded fund incorporated in the USA. The Fund seeks investment results that correspond generally to the price and yield performance of the Bloomberg Barclays Global Aggregate ex-USD Float Adjusted RIC Capped Index (USD Hedged).

iShares iBoxx \$ Investment Grade Corporate Bond ETF

Ticker	LQD US	Ttl Assets (US\$M)	36,239	Traded Currency	USD
Exp. Ratio	0.14	Div Yield (%)	2.39%	30D Avg Turnover ('000)	13,639

iShares iBoxx \$ Investment Grade Corporate Bond ETF is an exchange-traded fund incorporated in the USA. The ETF seeks to track the investment results of an index composed of U.S. dollar-denominated, investment-grade corporate bonds.

iShares iBoxx High Yield Corporate Bond ETF

Ticker	HYG US	Ttl Assets (US\$M)	18,638	Traded Currency	USD
Exp. Ratio	0.48	Div Yield (%)	4.16%	30D Avg Turnover ('000)	28,736

iShares iBoxx High Yield Corporate Bond ETF is an exchange-traded fund incorporated in the USA. The ETF seeks to track the investment results of an index composed of U.S. dollar-denominated, high yield corporate bonds.

FIXED INCOME

iShares J.P. Morgan USD Emerging Market Bond ETF

Ticker	EMB US	Ttl Assets (US\$M)	18,863	Traded Currency	USD
Exp. Ratio	0.39	Div Yield (%)	4.18%	30D Avg Turnover ('000)	6,016

iShares J.P. Morgan USD EM Bond UCITS ETF is an exchange-traded fund incorporated in Ireland. The Fund aims to track the performance of the J.P. Morgan Emerging Markets Bond Index Global Core Index. Settlement: ICSD.

iShares US Treasury Bond ETF

Ticker	GOVT US	Ttl Assets (US\$M)	16,066	Traded Currency	USD
Exp. Ratio	0.05	Div Yield (%)	1.09%	30D Avg Turnover ('000)	5,262

iShares US Treasury Bond is an exchange-traded fund incorporated in the USA. The ETF seeks investment results that correspond generally to the price and yield performance, before fees and expenses, of the ICE U.S. Treasury Core Bond Index.

iShares J.P. Morgan USD Emerging Market Bond UCITS ETF

Ticker	IEMB LN	Ttl Assets (US\$M)	8,995	Traded Currency	USD
Exp. Ratio	0.45	Div Yield (%)	4.46%	30D Avg Turnover ('000)	42

iShares J.P. Morgan USD Emerging Market Bond UCITS ETF is an exchange-traded fund incorporated in Ireland. The Fund aims to track the performance of the J.P. Morgan Emerging Markets Bond Index Global Core Index. Settlement: ICSD.

iShares J.P. Morgan Emerging Market Local Government Bond UCITS ETF

Ticker	IEML LN	Ttl Assets (US\$M)	4,824	Traded Currency	USD
Exp. Ratio	0.50	Div Yield (%)	5.02%	30D Avg Turnover ('000)	42

iShares JP Morgan Emerging Market Local Government Bond UCITS ETF is an exchange-traded fund incorporated in Ireland. The Fund aims to track the performance of the JP Morgan GBI-EM Global Diversified 10% Cap 1% Floor Index. Settlement: ICSD.

GOLD

SPDR Gold Shares

Ticker	GLD US	Ttl Assets (US\$M)	59,567	Traded Currency	USD
Exp. Ratio	0.40	Div Yield (%)	N/A	30D Avg Turnover ('000)	7,878

SPDR Gold Shares is an investment fund incorporated in the USA. The investment objective of the Trust is for the Shares to reflect the performance of the price of gold bullion, less the Trust's expenses. The Trust holds gold and is expected from time to time to issue Baskets in exchange for deposits of gold and to distribute gold in connection with redemptions of Baskets.

iShares Gold Trust

Ticker	IAU US	Ttl Assets (US\$M)	29,093	Traded Currency	USD
Exp. Ratio	0.25	Div Yield (%)	N/A	30D Avg Turnover ('000)	12,232

iShares Gold Trust is an investment fund incorporated in the USA. The Fund issues shares representing fractional undivided beneficial interests in its net assets. The assets of the Trust will consist primarily of gold held by the custodian on behalf of the Trust.

Aberdeen Standard Physical Gold Shares ETF

Ticker	SGOL US	Ttl Assets (US\$M)	2,447	Traded Currency	USD
Exp. Ratio	0.17	Div Yield (%)	N/A	30D Avg Turnover ('000)	978

Aberdeen Standard Physical Gold Shares ETF is an exchange traded fund incorporated in the USA. The product tracks the performance of the gold bullion spot price, less the expenses of the Trust's operations. The Trust holds allocated physical gold bullion bars stored in secure vaults.

VanEck Gold Miners

Ticker	GDX US	Ttl Assets (US\$M)	12,793	Traded Currency	USD
Exp. Ratio	0.52	Div Yield (%)	1.69%	30D Avg Turnover ('000)	21,296

VanEck Vectors Gold Miners ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the NYSE Arca Gold Miners Index. The ETF invests in materials stocks of all cap sizes across the globe. Its largest allocation is in North American companies, principally those domiciled in Canada. The ETF weights the holdings using a market capitalization methodology.

iShares Gold Producers UCITS ETF

Ticker	IAUP LN	Ttl Assets (US\$M)	1,884	Traded Currency	USD
Exp. Ratio	0.55	Div Yield (%)	N/A	30D Avg Turnover ('000)	37

iShares Gold Producers UCITS ETF is an exchange-traded fund incorporated in Ireland. The Fund aims to track the performance of the S&P Commodity Producers Gold Index. Settlement: ICSD.

ValueGold ETF

Ticker	3081 HK	Ttl Assets (US\$M)	229	Traded Currency	HKD
Exp. Ratio	0.40	Div Yield (%)	N/A	30D Avg Turnover ('000)	31

ValueGold ETF is an exchange-traded fund established in Hong Kong. The Fund's objective is to provide investment results that, before fees and expenses, closely correspond to the performance of the London Gold Fixing Price. The Trust will acquire and hold Bullion. Value Gold ETF is the world's first gold ETF backed by physical gold stored in Hong Kong.

GOLD (LEVERAGED & INVERSE)

ProShares Ultra Gold

Ticker	UGL US	Ttl Assets (US\$M)	236	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	117

ProShares Ultra Gold is an exchange-traded fund incorporated in the USA. The Fund will seek daily investment results that correspond to twice (200%) the daily performance, whether positive or negative, of its corresponding benchmark. The Fund tracks the daily performance of the Bloomberg Gold Subindex.

ProShares UltraShort Gold

Ticker	GLL US	Ttl Assets (US\$M)	27	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	39

ProShares UltraShort Gold is an exchange-traded fund incorporated in the USA. The Fund will seek daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of its corresponding benchmark. The Fund tracks the daily performance of the Bloomberg Gold Subindex.

VelocityShares 3x Long Gold

Ticker	UGLDF US	Ttl Assets (US\$M)	66	Traded Currency	USD
Exp. Ratio	1.35	Div Yield (%)	N/A	30D Avg Turnover ('000)	2

VelocityShares 3x Long Gold ETN is an exchange-traded note issued in the USA. The Note will provide investors with a cash payment at the scheduled maturity or early redemption based on the performance of the underlying index, the S&P GSCI® Gold Index Excess Return.

VelocityShares 3x Inverse Gold

Ticker	DGLDF US	Ttl Assets (US\$M)	8	Traded Currency	USD
Exp. Ratio	1.35	Div Yield (%)	N/A	30D Avg Turnover ('000)	1

VelocityShares 3x Inverse Gold ETN is an exchange-traded note issued in the USA. The Note will provide investors with a cash payment at the scheduled maturity or early redemption based on the performance of the underlying index, the S&P GSCI® Gold Index Excess Return.

CSOP Gold Futures Daily

Ticker	7299 HK	Ttl Assets (US\$M)	228	Traded Currency	HKD
Exp. Ratio	1.54	Div Yield (%)	N/A	30D Avg Turnover ('000)	865

CSOP Gold Futures Daily (2x) Leveraged Product is an exchange-traded fund incorporated in the HK. It is a futures-based product which invests directly in the gold futures traded on the New York Commodity Exchange (COMEX) so as to give the Product twice (2x) the Daily performance of the Index.

OIL & GAS

United States Oil Fund LP

Ticker	USO US	Ttl Assets (US\$M)	2,623	Traded Currency	USD
Exp. Ratio	0.72	Div Yield (%)	N/A	30D Avg Turnover ('000)	5,137

United States Oil Fund LP is a Delaware limited partnership incorporated in the USA. The Fund's objective is to have changes in percentage terms of its unit's net asset value reflect the changes of the price of WTI Crude Oil delivered to Cushing, Oklahoma, as measured by changes in percentage terms of the price of the WTI Crude Oil futures contract on the NYMEX. The fund is a commodity pool.

WisdomTree WTI Crude Oil

Ticker	CRUD LN	Ttl Assets (US\$M)	1,674	Traded Currency	USD
Exp. Ratio	0.54	Div Yield (%)	N/A	30D Avg Turnover ('000)	293

WisdomTree WTI Crude Oil is an open-ended Exchange Traded Commodity, incorporated in Jersey and UCITS eligible. It is designed to track the Bloomberg WTI Crude Oil Multi-Tenor Total Return Index, allowing investors to invest in the commodity market. Counterparty credit risk is minimised as it is 100% collateralised with eligible securities.

Invesco DB Oil Fund

Ticker	DBO US	Ttl Assets (US\$M)	469	Traded Currency	USD
Exp. Ratio	0.78	Div Yield (%)	N/A	30D Avg Turnover ('000)	1,295

Invesco DB Oil Fund is an exchange-traded fund incorporated in the USA. The Fund tracks the DBIQ Opt Yield Crude Oil Index ER which is a rules-based index composed of futures contracts on light sweet crude oil (WTI) that aims to mitigate negative roll yield in its contract selection. The Fund is rebalanced & reconstituted annually in November.

United States Brent Oil Fund LP

Ticker	BNO US	Ttl Assets (US\$M)	245	Traded Currency	USD
Exp. Ratio	0.90	Div Yield (%)	N/A	30D Avg Turnover ('000)	932

United States Brent Oil Fund LP is an exchange traded fund incorporated in the USA. The Fund's objective is to have changes in percentage terms of its unit's net asset value reflect the changes of the price of Brent Crude Oil, as measured by changes in percentage terms of the price of an average of the Brent Crude Oil futures contracts on the ICE-UK.

United States Natural Gas Fund LP

Ticker	UNG US	Ttl Assets (US\$M)	366	Traded Currency	USD
Exp. Ratio	0.70	Div Yield (%)	N/A	30D Avg Turnover ('000)	8,282

United States Natural Gas Fund LP is a Delaware limited partnership incorporated in the USA. The Fund's objective is to have changes in percentage terms of its unit's net asset value reflect the changes of the price of Natural Gas delivered to Henry Hub, Louisiana, as measured by changes in percentage terms of the price of the Natural Gas futures contract on the NYMEX.

Samsung S&P GSCI Crude Oil ER Futures ETF

Ticker	3175 HK	Ttl Assets (US\$M)	163	Traded Currency	HKD
Exp. Ratio	1.33	Div Yield (%)	N/A	30D Avg Turnover ('000)	2,122

Samsung S&P GSCI Crude Oil ER Futures ETF is an exchange-traded fund incorporated in HK. The Fund seeks to track the performance of the S&P GSCI Crude Oil Multiple Contract 55/30/15 1M/2M/3M (USD) ER Index.

OIL & GAS (LEVERAGED & INVERSE)

ProShares Ultra Bloomberg Crude Oil 2X

Ticker	UCO US	Ttl Assets (US\$M)	1,202	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	569

ProShares Ultra Bloomberg Crude Oil is an exchange-traded fund incorporated in the USA. The Fund will seek daily investment results that correspond to twice (200%) the daily performance of its corresponding benchmark, the Bloomberg Commodity Balanced WTI Crude Oil Excess Return Index

Direxion Daily S&P Oil & Gas Bull 2X

Ticker	GUSH US	Ttl Assets (US\$M)	738	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	1,519

Direxion Daily S&P Oil & Gas Exp. & Prod. Bull 2X Shares is an exchange-traded fund incorporated in the USA. The fund seeks to double (200%) the daily performance of the S&P Oil & Gas Exploration & Production Select Industry Index. The Fund does not seek to achieve its stated investment objective over a period of time greater than one day. The Fund is different and much riskier than most ETFs

ProShares UltraShort Bloomberg Crude Oil 2X

Ticker	SCO US	Ttl Assets (US\$M)	145	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	2,307

ProShares UltraShort Bloomberg Crude Oil is an exchange-traded fund incorporated in the USA. The Fund will seek daily investment results that correspond to twice (200%) the inverse the daily performance of its corresponding benchmark. The Fund tracks a multiple or inverse multiple of the daily performance of the Bloomberg Commodity Balanced WTI Crude Oil Excess Return Index.

Direxion Daily S&P Oil & Gas Bear 2X

Ticker	DRIP US	Ttl Assets (US\$M)	88	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	8,713

Direxion Daily S&P Oil & Gas Exp. & Prod. Bear 2X Shares is an exchange-traded fund incorporated in the USA. The fund seeks to double (200%) the daily inverse performance of the S&P Oil & Gas Exploration & Production Select Industry Index. The Fund does not seek to achieve its stated investment objective of a time period greater than one day. This ETF is different and much riskier than most ETFs.

Disclaimer:

The Quick Reference Guide contains a listing of ETFs which provide a summary of factual information, and it did not undergo any selection process by OSPL.

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