



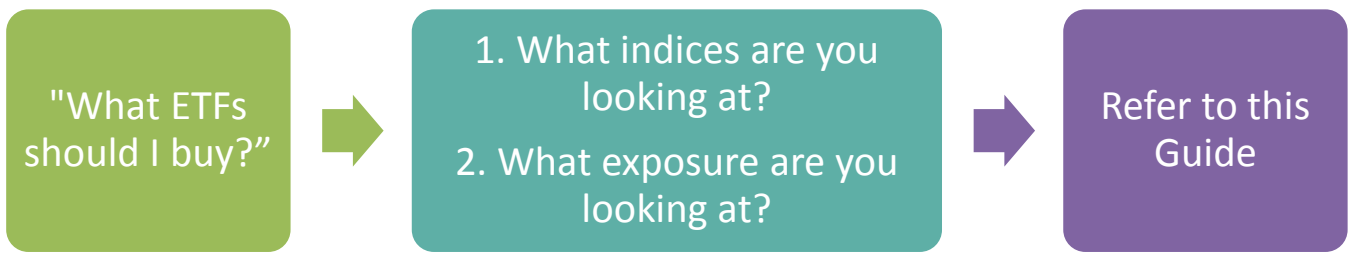
Exchange-Traded Funds (ETF)
Quick Reference Guide

Important notes:

Trading in securities, futures and/or leveraged foreign exchange and borrowing to finance the trading of securities (leveraging/gearing) can be very risky, and you may lose all or more than the amount invested or deposited. Where necessary, please seek advice from an independent financial adviser regarding the suitability of any trade or investment product taking into account your investment objectives, financial situation or particular needs before making a commitment to trade or purchase the investment product. You should consider carefully and exercise caution in making any trading decision whether or not you have received advice from any financial adviser. If you choose not to seek independent financial advice, please consider whether the trade or product in question is suitable for you.

For trading in leveraged securities and/or foreign exchange, the amount of initial margin is small relative to the value of the transaction. As such, the transaction is highly 'leveraged' or 'geared'. A relatively small market movement will have a proportionately larger impact on the funds you have deposited or will have to deposit; this can work in your favour or against you. You may sustain a total loss of the initial margin funds and any additional funds deposited with the firm to maintain your position. If the value of the collaterals declines substantially, falling below the maintenance margin requirement, or if the market moves against your position or margin levels are increased, you may be called upon to deposit substantial additional funds on short notice in order to maintain your position. If you fail to comply with a request for additional funds within the specified time, your position may be liquidated at a loss and you will be liable for any resulting deficit in your account.

Services and products offered by OCBC Securities Private Limited are subject to relevant terms and conditions.



Introduction

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UNITED STATES EQUITY

SPDR S&P500 ETF Trust

Ticker	SPY	Total Assets (US\$M)	243,178	Traded Currency	USD
Exp. Ratio	0.09	Div Yield (%)	1.91	30D Avg Turnover ('000)	17,375,398

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	Total Assets (US\$M)	101,128	Traded Currency	USD
Exp. Ratio	0.04	Div Yield (%)	1.89	30D Avg Turnover ('000)	756,117

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 Total Stock Market ETF

Ticker	VTI	Total Assets (US\$M)	75,689	Traded Currency	USD
Exp. Ratio	0.05	Div Yield (%)	1.81	30D Avg Turnover ('000)	269,413

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.

Vanguard S&P 500 ETF

Ticker	VOO	Total Assets (US\$M)	63,336	Traded Currency	USD
Exp. Ratio	0.05	Div Yield (%)	1.90	30D Avg Turnover ('000)	423,484

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.

PowerShares QQQ Trust Series 1

Ticker	QQQ	Total Assets (US\$M)	46,656	Traded Currency	USD
Exp. Ratio	0.20	Div Yield (%)	0.95	30D Avg Turnover ('000)	2,164,628

PowerShares QQQ Trust Series 1 is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the Nasdaq 100 Index. The ETF holds large cap U.S. stocks. Its investments exclude the financial sector and therefore, tend to be focused on the technology and consumer sector. The ETF weights the holdings using a market capitalization methodology.

UNITED STATES EQUITY

SPDR Dow Jones Industrial Average ETF Trust

Ticker	DIA	Total Assets (US\$M)	16,664	Traded Currency	USD
Exp. Ratio	0.17	Div Yield (%)	2.16	30D Avg Turnover ('000)	733,464

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.

iShares Dow Jones U.S. ETF

Ticker	IYY	Total Assets (US\$M)	1,106	Traded Currency	USD
Exp. Ratio	0.20	Div Yield (%)	1.71	30D Avg Turnover ('000)	4,499

iShares Dow Jones U.S. ETF is an exchange-traded fund incorporated in the USA. The Fund's objective seeks investment results that correspond to the performance of the Dow Jones U.S. Total Market Index.

iShares Russell 2000 ETF

Ticker	IWM	Total Assets (US\$M)	35,707	Traded Currency	USD
Exp. Ratio	0.20	Div Yield (%)	1.36	30D Avg Turnover ('000)	3,769,346

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 Value ETF

Ticker	IWD	Total Assets (US\$M)	36,787	Traded Currency	USD
Exp. Ratio	0.20	Div Yield (%)	N/A	30D Avg Turnover ('000)	232,749

iShares Russell 1000 Value ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the Russell 1000 Value Index. The ETF holds mid and large-cap U.S. stocks. Its investments are in companies that are thought to be undervalued by the market. The ETF weights the holdings using a market capitalization methodology and rebalances annually.

iShares Russell 1000 Growth ETF

Ticker	IWF	Total Assets (US\$M)	33,955	Traded Currency	USD
Exp. Ratio	0.20	Div Yield (%)	1.32	30D Avg Turnover ('000)	163,508

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.

UNITED STATES EQUITY

Vanguard Value ETF

Ticker	VTV	Total Assets (US\$M)	29,969	Traded Currency	USD
Exp. Ratio	0.08	Div Yield (%)	2.34	30D Avg Turnover ('000)	150,545

Vanguard Value ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the CRSP U.S. Large Cap Value Index. The ETF holds large-cap U.S. stocks. The Fund invests all of its assets in the stocks that make up the Index and follows a full replication strategy. It weights the holdings using a multi factor methodology.

Vanguard Dividend Appreciation ETF

Ticker	VIG	Total Assets (US\$M)	23,717	Traded Currency	USD
Exp. Ratio	0.10	Div Yield (%)	2.01	30D Avg Turnover ('000)	68,646

Vanguard Dividend Appreciation ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the NASDAQ US Dividend Achievers Select Index. The ETF holds mid and large-cap U.S. stocks. Its investments are focused on U.S. common stocks that have a history of increasing dividends for ten consecutive years, but exclude REITs. The ETF weights the holdings using by market capitalization.

UNITED STATES FIXED INCOME

iShares Core U.S. Aggregate Bond ETF

Ticker	AGG	Total Assets (US\$M)	42,262	Traded Currency	USD
Exp. Ratio	0.05	Div Yield (%)	2.40	30D Avg Turnover ('000)	325,995

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	Total Assets (US\$M)	32,362	Traded Currency	USD
Exp. Ratio	0.06	Div Yield (%)	2.51	30D Avg Turnover ('000)	186,984

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.

iShares iBoxx \$ Investment Grade Corporate Bond ETF

Ticker	LQD	Total Assets (US\$M)	29,461	Traded Currency	USD
Exp. Ratio	0.15	Div Yield (%)	3.34	30D Avg Turnover ('000)	551,551

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.

Vanguard Short-Term Bond ETF

Ticker	BSV	Total Assets (US\$M)	21,847	Traded Currency	USD
Exp. Ratio	0.09	Div Yield (%)	1.51	30D Avg Turnover ('000)	122,330

Vanguard Short-Term Bond ETF is an exchange-traded fund incorporated in the USA. The Fund seeks to track the performance of the Bloomberg Barclays Capital 1-5 Year Government/Credit Index, which includes all medium and larger issues of U.S. government, investment-grade corporate, and investment-grade international bonds that have a maturities between 1 and 5 years.

iShares iBoxx \$ High Yield Corporate Bond ETF

Ticker	HYG	Total Assets (US\$M)	16,281	Traded Currency	USD
Exp. Ratio	0.50	Div Yield (%)	5.23	30D Avg Turnover ('000)	926,164

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.

iShares US Preferred Stock ETF

Ticker	PFF	Total Assets (US\$M)	16,795	Traded Currency	USD
Exp. Ratio	0.47	Div Yield (%)	5.78	30D Avg Turnover ('000)	116,307

iShares U.S. Preferred Stock ETF is an exchange-traded fund incorporated in the USA. The Fund seeks results that correspond generally to the price and yield performance of the S&P U.S. Preferred Stock Index.

Vanguard Short-Term Corporate Bond ETF

Ticker	VCSH	Total Assets (US\$M)	17,454	Traded Currency	USD
Exp. Ratio	0.07	Div Yield (%)	2.12	30D Avg Turnover ('000)	127,439

Vanguard Short-Term Corporate Bond ETF is an exchange-traded fund incorporated in the USA. The Fund seeks to track the performance of the Bloomberg Barclays Capital US 1-5 Year Corporate Bond Index.

UNITED STATES (LEVERAGED)

ProShares Ultra S&P500

Ticker	SSO	Total Assets (US\$M)	1,845	Traded Currency	USD
Exp. Ratio	0.89	Div Yield (%)	N/A	30D Avg Turnover ('000)	227,268

ProShares Ultra S&P500 ETF is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the S&P 500 Index.

ProShares Ultra QQQ

Ticker	QLD	Total Assets (US\$M)	1,080	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	87,172

Ultra QQQ ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the NASDAQ-100 Index.

ProShares Ultra Dow30

Ticker	DDM	Total Assets (US\$M)	343	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	20,265

ProShares Ultra Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the Dow Jones Industrial Average.

ProShares Ultra Financials

Ticker	UYG	Total Assets (US\$M)	859	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	8,123

ProShares Ultra Financials is an exchange-traded fund incorporated in the USA. The ETF seeks to double (200%) the daily performance of the Dow Jones U.S. Financials Index. The ETF holds equity securities and daily swaps to obtain its 2X daily performance. Its investments are focused on large and mid-cap U.S. financial stocks. The ETF uses a market capitalization weighting methodology.

ProShares Ultra Russell2000

Ticker	UWM	Total Assets (US\$M)	202	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	19,527

ProShares Ultra Russell2000 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the Russell 2000 Index.

ProShares Ultra Oil & Gas

Ticker	DIG	Total Assets (US\$M)	145	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	5,476

Ultra Oil & Gas Proshares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the Dow Jones U.S. Oil & Gas Index.

UNITED STATES (LEVERAGED)

ProShares UltraPro S&P 500

Ticker	UPRO	Total Assets (US\$M)	822	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	148,076

ProShares UltraPro S&P 500 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results, before fees and expenses, that correspond to triple (300%) the daily performance of the S&P 500 Index.

Direxion Daily S&P 500 Bull 3X

Ticker	SPXL	Total Assets (US\$M)	545	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	88,363

Direxion Daily S&P 500 Bull 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the performance of the S&P 500 Index ("Large Cap Index").

ProShares UltraPro QQQ

Ticker	TQQQ	Total Assets (US\$M)	1,328	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	170,468

ProShares UltraPro QQQ is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the daily performance of the NASDAQ-100 Index.

ProShares UltraPro Dow30

Ticker	UDOW	Total Assets (US\$M)	243	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	33,207

ProShares UltraPro Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the daily performance of the Dow Jones 30 Index.

ProShares UltraPro Financial Select Sector

Ticker	FINU	Total Assets (US\$M)	30	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	1,099

ProShares UltraPro 3x Financials is an exchange-traded fund incorporated in the USA. The Fund seeks investment results, before fees and expenses, that correspond to three times (3x) the daily performance of the S&P Financial Select Sector Index.

Direxion Daily Financial Bull 3X Shares

Ticker	FAS	Total Assets (US\$M)	1,465	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	156,983

Direxion Daily Financial Bull 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the performance of the Russell 1000 Financial Services Index ("Financial Index"). The Fund invests in at least 80% of its net assets in the equity securities that comprise the Financial Index

UNITED STATES (LEVERAGED)

ProShares UltraPro Russell2000

Ticker	URTY	Total Assets (US\$M)	125	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	26,816

ProShares UltraPro Russell2000 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the daily performance of the Russell 2000 Index. The ETF uses a derivative based replication strategy and weights the holdings using a market capitalization methodology.

Direxion Daily Small Cap Bull 3X Shares

Ticker	TNA	Total Assets (US\$M)	691	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	328,112

Direxion Daily Small Cap Bull 3X Shares is and exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the performance of the Russell 2000 Index ("Small Cap Index"). The ETF is market cap weighted and invests in at least 80% of its net assets in the equity securities that comprise the Small Cap Index.

UNITED STATES (INVERSE)

ProShares Short S&P500

Ticker	SH	Total Assets (US\$M)	1,781	Traded Currency	USD
Exp. Ratio	0.89	Div Yield (%)	N/A	30D Avg Turnover ('000)	59,967

ProShares Short S&P500 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to the inverse (opposite) of the daily performance of the S&P 500 Index.

ProShares Short QQQ

Ticker	PSQ	Total Assets (US\$M)	290	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	12,985

Short QQQ ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to the inverse (opposite) of the daily performance of the NASDAQ-100 Index.

ProShares Short Dow30

Ticker	DOG	Total Assets (US\$M)	262	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	12,440

ProShares Short Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results that correspond to the inverse (opposite) of the daily performance of the Dow Jones Industrial Average.

ProShares Short Financials

Ticker	SEF	Total Assets (US\$M)	25	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	275

Short Financials ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks investment results that correspond to the inverse (opposite) of the daily performance of the underlying index.

ProShares Short Russell2000

Ticker	RWM	Total Assets (US\$M)	325	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	23,141

ProShares Short Russell 2000 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to the inverse (opposite) of the daily performance of the Russell 2000 Index.

ProShares UltraShort S&P500

Ticker	SDS	Total Assets (US\$M)	1,532	Traded Currency	USD
Exp. Ratio	0.89	Div Yield (%)	N/A	30D Avg Turnover ('000)	107,554

UltraShort S&P500 ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the S&P 500 Index.

ProShares UltraShort QQQ

Ticker	QID	Total Assets (US\$M)	300	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	34,248

UltraShort QQQ ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the NASDAQ-100 Index

UNITED STATES (INVERSE)

ProShares UltraShort Dow30

Ticker	DXD	Total Assets (US\$M)	247	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	16,963

ProShares UltraShort Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the Dow Jones Industrial Average.

ProShares UltraShort Financials

Ticker	SKF	Total Assets (US\$M)	43	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	1,551

UltraShort Financials ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the Dow Jones U.S. Financials Index.

ProShares UltraShort Russell2000

Ticker	TWM	Total Assets (US\$M)	188	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	27,533

UltraShort Russell 2000 ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the Russell 2000 Index.

ProShares UltraPro Short S&P 500

Ticker	SPXU	Total Assets (US\$M)	699	Traded Currency	USD
Exp. Ratio	0.92	Div Yield (%)	N/A	30D Avg Turnover ('000)	70,853

ProShares UltraPro Short S&P 500 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results, before fees and expenses, that correspond to triple (300%) the inverse of the daily performance of the S&P 500 Index.

Direxion Daily S&P 500 Bear 3X Shares

Ticker	SPXS	Total Assets (US\$M)	462	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	36,987

Direxion Daily S&P 500 Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the inverse (opposite) of the performance of the S&P 500 Index ("Large Cap Index").

ProShares UltraPro Short QQQ

Ticker	SQQQ	Total Assets (US\$M)	549	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	97,633

ProShares UltraPro Short QQQ is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the inverse of the daily performance of the NASDAQ-100 Index.

UNITED STATES (INVERSE)

ProShares UltraPro Short Dow30

Ticker	SDOW	Total Assets (US\$M)	215	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	32,626

ProShares UltraPro Short Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the inverse of the daily performance of the Dow Jones 30 Index.

ProShares UltraPro Short Financial Select Sector

Ticker	FINZ	Total Assets (US\$M)	2	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	61

ProShares UltraPro Short Financials is an exchange-traded fund incorporated in the USA. The Fund seeks investment results, before fees and expenses, that correspond to three times the inverse (-3x) the daily performance of the S&P Financial Select Sector Index.

Direxion Daily Financial Bear 3X Shares

Ticker	FAZ	Total Assets (US\$M)	266	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	36,274

Direxion Daily Financial Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the inverse of the performance of the Russell 1000 Financial Index.

ProShares UltraPro Short Russell2000

Ticker	SRTY	Total Assets (US\$M)	111	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	39,831

ProShares UltraPro Short Russell2000 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the inverse of the daily performance of the Russell 2000 Index.

Direxion Daily Small Cap Bear 3X Shares

Ticker	TZA	Total Assets (US\$M)	592	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	169,613

Direxion Daily Small Cap Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the inverse of the performance of the Small Cap Index. The Fund invests in at least 80% of its net assets in Financial Instruments that, provide exposure to the Small Cap Index.

Tracker Fund of Hong Kong Ltd

Ticker	2800 HK	Total Assets (US\$M)	10,723	Traded Currency	HKD
Exp. Ratio	0.10	Div Yield (%)	3.24	30D Avg Turnover ('000)	1,059,905

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 Investment Index Funds Series - H-Share Index ETF

Ticker	2828 HK	Total Assets (US\$M)	5,541	Traded Currency	HKD
Exp. Ratio	0.64	Div Yield (%)	2.62	30D Avg Turnover ('000)	386,065

Hang Seng Investment Index Funds Series - H-Share 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.

Hang Seng Investment Index Funds Series II - Hang Seng Index ETF

Ticker	2833 HK	Total Assets (US\$M)	6,017	Traded Currency	HKD
Exp. Ratio	0.13	Div Yield (%)	3.14	30D Avg Turnover ('000)	1,427

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.

iShares FTSE A50 China Index ETF

Ticker	2823 HK	Total Assets (US\$M)	3,546	Traded Currency	HKD
Exp. Ratio	0.99	Div Yield (%)	2.67	30D Avg Turnover ('000)	94,648

iShares Asia Trust - iShares FTSE A50 China Index ETF is an exchange-traded fund established in Hong Kong. The Fund seeks to provide investment results that correspond generally to the performance of the FTSE China A50 Index, before fees and expenses. The Fund invests primarily in China A-Share Access Products ("CAAPs") but will also invest in A-Shares directly.

CSOP FTSE China A50 ETF

Ticker	2822 HK	Total Assets (US\$M)	2,586	Traded Currency	HKD
Exp. Ratio	1.08	Div Yield (%)	2.60	30D Avg Turnover ('000)	139,308

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.

ChinaAMC ETF Series - ChinaAMC CSI 300 Index ETF

Ticker	3188 HK	Total Assets (US\$M)	1,347	Traded Currency	HKD
Exp. Ratio	0.83	Div Yield (%)	0.88	30D Avg Turnover ('000)	51,086

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.

iShares China Large-Cap ETF

Ticker	FXI US	Total Assets (US\$M)	3,028	Traded Currency	USD
Exp. Ratio	0.73	Div Yield (%)	2.48	30D Avg Turnover ('000)	565,435

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.

db x-trackers FTSE China 50 UCITS ETF DR

Ticker	HD8 SP	Total Assets (US\$M)	169	Traded Currency	USD
Exp. Ratio	0.60	Div Yield (%)	N/A	30D Avg Turnover ('000)	117

db x-trackers FTSE CHINA 50 UCITS ETF DR is a UCITS IV compliant exchange trade fund incorporated in Luxembourg. The Fund's objective is to track the performance of the FTSE CHINA 25 Index.

CSOP SZSE ChiNext ETF

Ticker	3147 HK	Total Assets (US\$M)	50	Traded Currency	HKD
Exp. Ratio	1.27	Div Yield (%)	N/A	30D Avg Turnover ('000)	1,966

CSOP SZSE ChiNext ETF is an exchange-traded fund incorporated in Hong Kong. The Fund seeks provide investment results that, before deduction of fees and expenses, closely correspond to the performance of the ChiNext Index. This is a RQFII fund.

CHINA (LEVERAGED & INVERSE)

Direxion Daily CSI 300 China A Share Bull 2X Shares

Ticker	CHAU US	Total Assets (US\$M)	54	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	890

Direxion Daily CSI 300 China A Share Bull 2X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 200% of the CSI 300 Index. The ETF does not seek to achieve its stated investment objective over a period of time greater than one day.

ProShares Ultra FTSE China 50

Ticker	XPP US	Total Assets (US\$M)	27	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	462

ProShares Ultra FTSE China 50 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the FTSE/Xinhua China 50 Index. The Fund invests in equity securities that should have similar daily return of FTSE/Xinhua China 50 Index.

Direxion Daily FTSE China Bull 3X Shares

Ticker	YINN US	Total Assets (US\$M)	126	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	14,779

Direxion Daily FTSE China Bull 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the performance of the FTSE China 50 Index.

Direxion Daily CSI 300 China A Share Bear 1X Shares

Ticker	CHAD US	Total Assets (US\$M)	89	Traded Currency	USD
Exp. Ratio	0.80	Div Yield (%)	N/A	30D Avg Turnover ('000)	478

Direxion Daily CSI 300 China A Share Bear 1X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 100% the inverse (opposite) of the CSI 300 Index. The ETF does not seek to achieve its stated investment objective over a period of time greater than one day.

ProShares Short FTSE China 50

Ticker	YXI US	Total Assets (US\$M)	11	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	74

ProShares Short FTSE/Xinhua China 50 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to the inverse (opposite) of the daily performance of the FTSE/Xinhua China 50 Index.

ProShares UltraShort FTSE China 50

Ticker	FXP US	Total Assets (US\$M)	48	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	1,226

ProShares UltraShort FTSE China 50 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results that correspond to the performance of 200% the inverse (opposite) of the FTSE China 50 Index.

CHINA (LEVERAGED & INVERSE)

Direxion Daily FTSE China Bear 3X Shares

Ticker	YANG US	Total Assets (US\$M)	68	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	5,820

Direxion Daily FTSE China Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the inverse (the opposite) of the performance of the FTSE China 50 Index.

EUROPE

iShares Core DAX UCITS ETF DE

Ticker	DAXEX GR	Total Assets (US\$M)	8,712	Traded Currency	EUR
Exp. Ratio	0.16	Div Yield (%)	0.65	30D Avg Turnover ('000)	4,722

iShares Core DAX UCITS ETF (DE) is an open-end, UCITS compliant exchange traded fund incorporated in Germany. The fund aims to track the performance of the DAX index. The fund reinvests income received back into the fund.

Vanguard FTSE Europe ETF

Ticker	VGK US	Total Assets (US\$M)	10,885	Traded Currency	USD
Exp. Ratio	0.10	Div Yield (%)	3.34	30D Avg Turnover ('000)	138,545

Vanguard FTSE Europe ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the FTSE Developed Europe Index. The ETF holds large and mid-cap European stocks. Its investments are focused in Western Europe. The ETF weights the holdings using a market capitalization methodology.

WisdomTree Europe Hedged Equity Fund

Ticker	HEDJ US	Total Assets (US\$M)	9,187	Traded Currency	USD
Exp. Ratio	0.58	Div Yield (%)	2.57	30D Avg Turnover ('000)	105,870

WisdomTree Europe Hedged Equity Fund is an exchange-traded fund incorporated in the USA. The Fund seeks investment results of the WisdomTree Europe Hedged Equity Index which provides exposure to Eurozone stocks while neutralizing currency risk relative to the US Dollar.

iShares EURO STOXX 50 UCITS ETF DE

Ticker	SX5EEX	Total Assets (US\$M)	7,835	Traded Currency	EUR
Exp. Ratio	0.16	Div Yield (%)	3.16	30D Avg Turnover ('000)	427

iShares EURO STOXX 50 UCITS ETF (DE) is an open-end UCITS compliant exchange traded fund incorporated in Germany. The fund aims to track the performance of the EURO STOXX 50 index. The fund distributes income received to shareholders.

Lyxor UCITS ETF Euro Stoxx 50 Daily Hedged C-USD

Ticker	MSEU LN	Total Assets (US\$M)	7,749	Traded Currency	USD
Exp. Ratio	0.20	Div Yield (%)	N/A	30D Avg Turnover ('000)	155

Lyxor UCITS ETF Euro Stoxx 50 Daily Hedged C-USD is an open-end UCITS compliant exchange traded fund incorporated in France. The Fund's investment objective is to track the performance of the EURO STOXX 50 Net Return Daily Hedged USD.

Lyxor UCITS ETF Euro Stoxx 50 Daily Hedged C-GBP

Ticker	MSEX LN	Total Assets (US\$M)	7,766	Traded Currency	GBP
Exp. Ratio	0.20	Div Yield (%)	N/A	30D Avg Turnover ('000)	3,120

LYXOR UCITS ETF EURO STOXX 50 is an open-end, UCITS compliant exchange traded fund incorporated in France. The Fund aims to track the performance of the EURO STOXX 50 Net Return Daily Hedged GBP.

EUROPE

iShares MSCI Europe UCITS ETF EUR Dist

Ticker	IMEU LN	Total Assets (US\$M)	6,449	Traded Currency	GBP
Exp. Ratio	0.35	Div Yield (%)	2.58	30D Avg Turnover ('000)	69,629

iShares MSCI Europe UCITS ETF EUR (Dist) is an open-end, UCITS compliant exchange traded fund incorporated in Ireland. The Fund aims to track the performance of the MSCI Europe Index. The MSCI Europe Index offers exposure to stocks from developed European countries. The fund distributes income received to shareholders.

iShares Core FTSE 100 UCITS ETF GBP Dist

Ticker	ISF LN	Total Assets (US\$M)	5,797	Traded Currency	GBP
Exp. Ratio	0.07	Div Yield (%)	3.63	30D Avg Turnover ('000)	2,470,074

iShares Core FTSE 100 UCITS ETF GBP (Dist) is an open-end, UCITS compliant exchange traded fund incorporated in Ireland. The Fund aims to track the performance of the FTSE100 Index. The fund distributes income received to shareholders.

Vanguard FTSE 100 UCITS ETF

Ticker	VUKE LN	Total Assets (US\$M)	3,145	Traded Currency	GBP
Exp. Ratio	0.09	Div Yield (%)	N/A	30D Avg Turnover ('000)	13,146

Vanguard FTSE 100 ETF is a UCITS compliant, exchange-traded fund, domiciled in Ireland. The fund seeks to track the performance of the FTSE 100 Index, a widely recognised UK benchmark of the 100 most highly capitalised blue chip companies, representing approximately 83% of the UK market.

Energy Select Sector SPDR Fund

Ticker	XLE US	Total Assets (US\$M)	16,808	Traded Currency	USD
Exp. Ratio	0.14	Div Yield (%)	2.43	30D Avg Turnover ('000)	977,145

Energy Select Sector SPDR Fund is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the Energy Select Sector Index. The ETF holds large-cap U.S. energy stocks. It invests in companies that develop & produce crude oil & natural gas, provide drilling and other energy related services. The holdings are weighted by market capitalization.

Vanguard Energy ETF

Ticker	VDE US	Total Assets (US\$M)	4,191	Traded Currency	USD
Exp. Ratio	0.10	Div Yield (%)	2.51	30D Avg Turnover ('000)	31,676

Vanguard Energy ETF is an exchange-traded fund incorporated in the USA. The Fund seeks to track the performance of the MSCI US Investable Market Energy Index. The Index consists of large, medium-size and small US companies within the energy sector that are involved with the construction or provision of oil rigs as well as the exploration, production and refining of oil/gas products.

SPDR S&P Oil & Gas Exploration & Production ETF

Ticker	XOP US	Total Assets (US\$M)	1,885	Traded Currency	USD
Exp. Ratio	0.35	Div Yield (%)	0.87	30D Avg Turnover ('000)	506,241

SPDR S&P Oil & Gas Exploration & Production ETF is an exchange-traded fund incorporated in the USA. The Fund's objective is to replicate as closely as possible the S&P Oil & Gas Exploration & Production Select Industry Index, an equal-weighted index.

iShares U.S. Energy ETF

Ticker	IYE US	Total Assets (US\$M)	1,248	Traded Currency	USD
Exp. Ratio	0.43	Div Yield (%)	2.28	30D Avg Turnover ('000)	38,088

iShares U.S. Energy ETF is an exchange-traded fund incorporated in the USA. The Fund's objective seeks investment results that correspond to the performance of the Dow Jones U.S. Energy Sector Index. The Fund will concentrate its investments in a particular industry or group of industries to approximately the same extent as the Index is so concentrated.

iShares Global Energy ETF

Ticker	IXC US	Total Assets (US\$M)	948	Traded Currency	USD
Exp. Ratio	0.47	Div Yield (%)	3.04	30D Avg Turnover ('000)	8,524

iShares Global Energy ETF is an exchange-traded fund incorporated in the USA. The Fund's objective is to seek investment results that correspond to the performance of the S&P Global Energy Index.

OIL & GAS

United States Oil Fund LP

Ticker	USO US	Total Assets (US\$M)	2,618	Traded Currency	USD
Exp. Ratio	0.72	Div Yield (%)	N/A	30D Avg Turnover ('000)	245,513

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.

PowerShares DB Oil Fund

Ticker	DBO US	Total Assets (US\$M)	387	Traded Currency	USD
Exp. Ratio	0.78	Div Yield (%)	N/A	30D Avg Turnover ('000)	2,047

PowerShares DB Oil Fund is an exchange-traded fund incorporated in the USA. The Fund's objective is to track the DBIQ Optimum Yield Crude Oil Index Excess Return.

United States 12 Month Oil Fund LP

Ticker	USL US	Total Assets (US\$M)	105	Traded Currency	USD
Exp. Ratio	0.93	Div Yield (%)	N/A	30D Avg Turnover ('000)	1,424

United States 12 Month 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 changes of the price of WTI Crude Oil delivered to Cushing, Oklahoma, as measured by changes in percentage terms of the price of an average of the next 12 month's WTI Crude Oil futures contracts on the NYMEX.

CSOP WTI Oil Annual Roll December Futures ER ETF

Ticker	3135 HK	Total Assets (US\$M)	14	Traded Currency	HKD
Exp. Ratio	1.08	Div Yield (%)	N/A	30D Avg Turnover ('000)	100

CSOP WTI Oil Annual Roll December Futures ER ETF is an exchange-traded fund incorporated in Hong Kong. The fund aims to provide investment results that, before fees and expenses, closely correspond to the performance of the BofA Merrill Lynch Commodity index eXtra CLA Index (Excess Return).

ProShares Ultra Bloomberg Crude Oil

Ticker	UCO US	Total Assets (US\$M)	785	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	187,779

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 Crude Oil Sub-Index.

VelocityShares 3x Long Crude Oil ETN

Ticker	UWT US	Total Assets (US\$M)	346	Traded Currency	USD
Exp. Ratio	1.50	Div Yield (%)	N/A	30D Avg Turnover ('000)	116,823

VelocityShares 3x Long Crude Oil ETN is an exchange-traded note issued by Citigroup Global Markets Holdings Inc. The Note will provide investors with a cash payment at the scheduled maturity or early redemption based on the performance of the underlying index, S&P GSCI Crude Oil Index ER.

OIL & GAS

ProShares UltraShort Bloomberg Crude Oil

Ticker	SCO US	Total Assets (US\$M)	244	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	73,899

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 (opposite) the daily performance, whether positive or negative, of its corresponding benchmark. The Fund tracks a multiple or inverse multiple of the daily performance of the Bloomberg Crude Oil Sub-Index.

VelocityShares 3x Inverse Crude Oil ETN

Ticker	DWT US	Total Assets (US\$M)	138	Traded Currency	USD
Exp. Ratio	1.50	Div Yield (%)	N/A	30D Avg Turnover ('000)	74,829

VelocityShares 3x Inverse Crude Oil ETN is an exchange-traded note issued by Citigroup Global Markets Holdings Inc. The Note will provide investors with a cash payment at the scheduled maturity or early redemption based on the performance of the underlying index, S&P GSCI Crude Oil Index ER.

GOLD

SPDR Gold Shares

Ticker	GLD US	Total Assets (US\$M)	31,904	Traded Currency	USD
Exp. Ratio	0.40	Div Yield (%)	N/A	30D Avg Turnover ('000)	922,645

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	Total Assets (US\$M)	7,614	Traded Currency	USD
Exp. Ratio	0.25	Div Yield (%)	N/A	30D Avg Turnover ('000)	94,621

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.

ETFs Physical Gold

Ticker	PHAU LN	Total Assets (US\$M)	5,641	Traded Currency	USD
Exp. Ratio	0.39	Div Yield (%)	N/A	30D Avg Turnover ('000)	27,917

ETFs Physical Gold is an open-ended, UCITS eligible Exchange Traded Commodity, incorporated in Jersey and list across Europe and Asia. It is designed to track the Gold price less fees, allowing investors to invest in the precious metals market. It is backed by physically allocated metal bullion which has no credit risk. The security only holds LBMA (London Bullion Market) Good Delivery bars.

VanEck Vectors Gold Miners ETF

Ticker	GDX US	Total Assets (US\$M)	10,897	Traded Currency	USD
Exp. Ratio	0.53	Div Yield (%)	0.25	30D Avg Turnover ('000)	1,439,163

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.

VanEck Vectors Junior Gold Miners ETF

Ticker	GDXJ US	Total Assets (US\$M)	4,781	Traded Currency	USD
Exp. Ratio	0.56	Div Yield (%)	4.34	30D Avg Turnover ('000)	863,202

VanEck Vectors Junior Gold Miners ETF is an exchange traded fund incorporated in the USA. The Fund's objective is to replicate as closely as possible, before fees and expenses, the price and yield performance of the MVIS Junior Gold Miners Index. The Fund will normally invest at least 80% of its total assets in securities that comprise the Fund's benchmark index.

iShares MSCI Global Gold Miners ETF

Ticker	RING US	Total Assets (US\$M)	139	Traded Currency	USD
Exp. Ratio	0.39	Div Yield (%)	1.35	30D Avg Turnover ('000)	3,063

iShares MSCI Global Gold Miners ETF 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 MSCI ACWI Select Gold Miners Investable Market Index.

GOLD (LEVERAGED AND INVERSE)

DB Gold Double Long Exchange Traded Notes

Ticker	DGP US	Total Assets (US\$M)	144	Traded Currency	USD
Exp. Ratio	0.75	Div Yield (%)	N/A	30D Avg Turnover ('000)	719

DB Gold Double Long ETN is an exchange-traded note issued in the USA by Deutsche Bank AG (London). The Notes will provide investors with a cash payment at the scheduled maturity or early redemption, based on the double the performance of its underlying index plus the monthly T-Bill index return.

VelocityShares 3x Long Gold ETN linked to the S&P GSCI Gold Index

Ticker	UGLD US	Total Assets (US\$M)	89	Traded Currency	USD
Exp. Ratio	1.35	Div Yield (%)	N/A	30D Avg Turnover ('000)	5,995

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.

DB Gold Double Short Exchange Traded Notes

Ticker	DZZ US	Total Assets (US\$M)	40	Traded Currency	USD
Exp. Ratio	0.75	Div Yield (%)	N/A	30D Avg Turnover ('000)	1,159

DB Gold Double Short ETN is an exchange-traded note issued in the USA by Deutsche Bank AG (London). The Notes will provide investors with a cash payment at the scheduled maturity or early redemption, based on the double the inverse (opposite) performance of its underlying index plus the monthly T-Bill index return.

VelocityShares 3x Inverse Gold ETN linked to S&P GSCI Gold Index Excess Return

Ticker	DGLD US	Total Assets (US\$M)	14	Traded Currency	USD
Exp. Ratio	1.35	Div Yield (%)	N/A	30D Avg Turnover ('000)	4,055

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.

DB Gold Short Exchange Traded Notes

Ticker	DGZ US	Total Assets (US\$M)	19	Traded Currency	USD
Exp. Ratio	0.75	Div Yield (%)	N/A	30D Avg Turnover ('000)	252

DB Gold Short ETN is an exchange-traded note issued in the USA by Deutsche Bank AG (London). The Notes will provide investors with a cash payment at the scheduled maturity or early redemption, based on the inverse (opposite) performance of its underlying index plus the monthly T-Bill index return.

GOLD (LEVERAGED AND INVERSE)

Direxion Daily Gold Miners Index Bull 3X Shares

Ticker	NUGT US	Total Assets (US\$M)	1,552	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	499,803

Direxion Daily Gold Miners Bull 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 300% of the NYSE Arca Gold Miners Index.

Direxion Daily Junior Gold Miners Index Bull 3x Shares

Ticker	JNUG US	Total Assets (US\$M)	1,003	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	511,289

Direxion Daily Junior Gold Miners Index Bull 3x Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 300% of the Market Vectors Junior Gold Miners Index.

Direxion Daily Gold Miners Index Bear 3X Shares

Ticker	DUST US	Total Assets (US\$M)	253	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	265,167

Direxion Daily Gold Miners Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 300% the inverse (opposite) of the NYSE Arca Gold Miners Index.

Direxion Daily Junior Gold Miners Index Bear 3X Shares

Ticker	JDST US	Total Assets (US\$M)	137	Traded Currency	USD
Exp. Ratio	0.95	Div Yield (%)	N/A	30D Avg Turnover ('000)	283,781

Direxion Daily Junior Gold Miners Index Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 300% the inverse (opposite) of the Market Vectors Junior Gold Miners Index.

APPENDIX A: US Equity and Fixed Income

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY AVG TURNOVER ('000)	DIV YIELD (%)
US EQUITY							
SPY US EQUITY	SPDR S&P500 ETF Trust	243,178	0.09	USD	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.	17,375,398	1.91
SPY SP EQUITY	SPDR S&P500 ETF is also traded over SGX: GL Code "S27"						
IVV US EQUITY	iShares Core S&P 500 ETF	101,128	0.04	USD	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.	756,117	1.89
VTI US EQUITY	Vanguard Total Stock Market ETF	75,689	0.05	USD	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.	269,413	1.81
VOO US EQUITY	Vanguard S&P 500 ETF	63,336	0.05	USD	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.	423,484	1.90
QQQ US EQUITY	PowerShares QQQ Trust Series 1	46,656	0.20	USD	PowerShares QQQ Trust Series 1 is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the Nasdaq 100 Index. The ETF holds large cap U.S. stocks. Its investments exclude the financial sector and therefore, tend to be focused on the technology and consumer sector. The ETF weights the holdings using a market capitalization methodology.	2,164,628	0.95

DIA US EQUITY	SPDR Dow Jones Industrial Average ETF Trust	16,664	0.17	USD	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.	733,464	2.16
IYY US EQUITY	iShares Dow Jones U.S. ETF	1,106	0.20	USD	iShares Dow Jones U.S. ETF is an exchange-traded fund incorporated in the USA. The Fund's objective seeks investment results that correspond to the performance of the Dow Jones U.S. Total Market Index.	4,499	1.71
IWM US EQUITY	iShares Russell 2000 ETF	35,707	0.20	USD	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.	3,769,346	1.36
IWD US EQUITY	iShares Russell 1000 Value ETF	36,787	0.20	USD	iShares Russell 1000 Value ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the Russell 1000 Value Index. The ETF holds mid and large-cap U.S. stocks. Its investments are in companies that are thought to be undervalued by the market. The ETF weights the holdings using a market capitalization methodology and rebalances annually.	232,749	2.16
IWF US EQUITY	iShares Russell 1000 Growth ETF	33,955	0.20	USD	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.	163,508	1.32
VTV US EQUITY	Vanguard Value ETF	29,969	0.08	USD	Vanguard Value ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the CRSP U.S. Large Cap Value Index. The ETF holds large-cap U.S. stocks. The Fund invests all of its assets in the stocks that make up the Index and follows a full replication strategy. It weights the holdings using a multi factor methodology.	150,545	2.34
VIG US EQUITY	Vanguard Dividend Appreciation ETF	23,717	0.10	USD	Vanguard Dividend Appreciation ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the NASDAQ US Dividend Achievers Select Index. The ETF holds mid and large-cap U.S. stocks. Its investments are focused on U.S. common stocks that have a history of increasing dividends for ten consecutive years, but exclude REITs. The ETF weights the holdings using by market capitalization.	68,646	2.01

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY AVG TURNOVER ('000)	DIV YIELD (%)
US FIXED INCOME							
AGG US EQUITY	iShares Core U.S. Aggregate Bond ETF	42,262	0.05	USD	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.	325,995	2.40
BND US EQUITY	Vanguard Total Bond Market ETF	32,362	0.06	USD	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.	186,984	2.51
LQD US EQUITY	iShares iBoxx \$ Investment Grade Corporate Bond ETF	29,461	0.15	USD	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.	551,551	3.34
BSV US EQUITY	Vanguard Short-Term Bond ETF	21,847	0.09	USD	Vanguard Short-Term Bond ETF is an exchange-traded fund incorporated in the USA. The Fund seeks to track the performance of the Bloomberg Barclays Capital 1-5 Year Government/Credit Index, which includes all medium and larger issues of U.S. government, investment-grade corporate, and investment-grade international bonds that have a maturities between 1 and 5 years.	122,330	1.51
HYG US EQUITY	iShares iBoxx \$ High Yield Corporate Bond ETF	16,281	0.50	USD	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.	926,164	5.23
PFF US EQUITY	iShares US Preferred Stock ETF	16,795	0.47	USD	iShares U.S. Preferred Stock ETF is an exchange-traded fund incorporated in the USA. The Fund seeks results that correspond generally to the price and yield performance of the S&P U.S. Preferred Stock Index.	116,307	5.78

VCSH US EQUITY	Vanguard Short-Term Corporate Bond ETF	17,454	0.07	USD	Vanguard Short-Term Corporate Bond ETF is an exchange-traded fund incorporated in the USA. The Fund seeks to track the performance of the Bloomberg Barclays Capital US 1-5 Year Corporate Bond Index.	127,439	2.12
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APPENDIX B: US Leveraged

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY Average TURNOVER ('000)
2X LONG US EQUITY						
SSO US EQUITY	ProShares Ultra S&P500	1,742	0.89	USD	ProShares Ultra S&P500 ETF is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the S&P 500 Index.	232,593
QLD US EQUITY	ProShares Ultra QQQ	1,063	0.95	USD	Ultra QQQ ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the NASDAQ-100 Index.	84,961
DDM US EQUITY	ProShares Ultra Dow30	335	0.95	USD	ProShares Ultra Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the Dow Jones Industrial Average.	20,878
UYG US EQUITY	ProShares Ultra Financials	864	0.95	USD	ProShares Ultra Financials is an exchange-traded fund incorporated in the USA. The ETF seeks to double (200%) the daily performance of the Dow Jones U.S. Financials Index. The ETF holds equity securities and daily swaps to obtain its 2X daily performance. Its investments are focused on large and mid-cap U.S. financial stocks. The ETF uses a market capitalization weighting methodology.	7,588
UWM US EQUITY	ProShares Ultra Russell2000	223	0.95	USD	ProShares Ultra Russell2000 is an exchange traded-fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the Russell 2000 Index.	21,791
DIG US EQUITY	ProShares Ultra Oil & Gas	157	0.95	USD	Ultra Oil & Gas Proshares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the Dow Jones U.S. Oil & Gas Index.	4,471
3X LONG US EQUITY						
UPRO US EQUITY	ProShares UltraPro S&P 500	797	0.95	USD	ProShares UltraPro S&P 500 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results, before fees and expenses, that correspond to triple (300%) the daily performance of the S&P 500 Index.	161,430
SPXL US EQUITY	Direxion Daily S&P 500 Bull 3X	528	0.95	USD	Direxion Daily S&P 500 Bull 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the performance of the S&P 500 Index ("Large Cap Index").	81,929
TQQQ US EQUITY	ProShares UltraPro QQQ	1,281	0.95	USD	ProShares UltraPro QQQ is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the daily performance of the NASDAQ-100 Index.	179,589

UDOW US EQUITY	ProShares UltraPro Dow30	211	0.95	USD	ProShares UltraPro Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the daily performance of the Dow Jones 30 Index.	32,198
FINU US EQUITY	ProShares UltraPro Financial Select Sector	27	0.95	USD	ProShares UltraPro 3x Financials is an exchange-traded fund incorporated in the USA. The Fund seeks investment results, before fees and expenses, that correspond to three times (3x) the daily performance of the S&P Financial Select Sector Index.	964
FAS US EQUITY	Direxion Daily Financial Bull 3X Shares	1,437	0.95	USD	Direxion Daily Financial Bull 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the performance of the Russell 1000 Financial Services Index ("Financial Index"). The Fund invests in at least 80% of its net assets in the equity securities that comprise the Financial Index	156,247
URTY US EQUITY	ProShares UltraPro Russell2000	140	0.95	USD	ProShares UltraPro Russell2000 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the daily performance of the Russell 2000 Index. The ETF uses a derivative based replication strategy and weights the holdings using a market capitalization methodology.	25,177
TNA US EQUITY	Direxion Daily Small Cap Bull 3X Shares	581	0.95	USD	Direxion Daily Small Cap Bull 3X Shares is and exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the performance of the Russell 2000 Index ("Small Cap Index"). The ETF is market cap weighted and invests in at least 80% of its net assets in the equity securities that comprise the Small Cap Index.	355,115

APPENDIX C: US Inverse

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY AVG TURNOVER ('000)
1X SHORT US EQUITY						
SH US EQUITY	ProShares Short S&P500	1,781	0.89	USD	ProShares Short S&P500 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to the inverse (opposite) of the daily performance of the S&P 500 Index.	59,967
PSQ US EQUITY	ProShares Short QQQ	290	0.95	USD	Short QQQ ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to the inverse (opposite) of the daily performance of the NASDAQ-100 Index.	12,985
DOG US EQUITY	ProShares Short Dow30	262	0.95	USD	ProShares Short Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results that correspond to the inverse (opposite) of the daily performance of the Dow Jones Industrial Average.	12,440
SEF US EQUITY	ProShares Short Financials	25	0.95	USD	Short Financials ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks investment results that correspond to the inverse (opposite) of the daily performance of the underlying index.	275
RWM US EQUITY	ProShares Short Russell2000	325	0.95	USD	ProShares Short Russell 2000 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to the inverse (opposite) of the daily performance of the Russell 2000 Index.	23,141
2X SHORT US EQUITY						
SDS US EQUITY	ProShares UltraShort S&P500	1,532	0.89	USD	UltraShort S&P500 ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the S&P 500 Index.	107,554
QID US EQUITY	ProShares UltraShort QQQ	300	0.95	USD	UltraShort QQQ ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the NASDAQ-100 Index	34,248
DXD US EQUITY	ProShares UltraShort Dow30	247	0.95	USD	ProShares UltraShort Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the Dow Jones Industrial Average.	16,963
SKF US EQUITY	ProShares UltraShort Financials	43	0.95	USD	UltraShort Financials ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the Dow Jones U.S. Financials Index.	1,551

TWM US EQUITY	ProShares UltraShort Russell2000	188	0.95	USD	UltraShort Russell 2000 ProShares is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the inverse (opposite) of the daily performance of the Russell 2000 Index.	27,533
3X SHORT US EQUITY						
SPXU US EQUITY	ProShares UltraPro Short S&P 500	699	0.92	USD	ProShares UltraPro Short S&P 500 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results, before fees and expenses, that correspond to triple (300%) the inverse of the daily performance of the S&P 500 Index.	70,853
SPXS US EQUITY	Direxion Daily S&P 500 Bear 3X Shares	462	0.95	USD	Direxion Daily S&P 500 Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the inverse (opposite) of the performance of the S&P 500 Index ("Large Cap Index").	36,987
SQQQ US EQUITY	ProShares UltraPro Short QQQ	549	0.95	USD	ProShares UltraPro Short QQQ is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the inverse of the daily performance of the NASDAQ-100 Index.	97,633
SDOW US EQUITY	ProShares UltraPro Short Dow30	215	0.95	USD	ProShares UltraPro Short Dow30 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the inverse of the daily performance of the Dow Jones 30 Index.	32,626
FINZ US EQUITY	ProShares UltraPro Short Financial Select Sector	2	0.95	USD	ProShares UltraPro Short Financials is an exchange-traded fund incorporated in the USA. The Fund seeks investment results, before fees and expenses, that correspond to three times the inverse (-3x) the daily performance of the S&P Financial Select Sector Index.	61
FAZ US EQUITY	Direxion Daily Financial Bear 3X Shares	266	0.95	USD	Direxion Daily Financial Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the inverse of the performance of the Russell 1000 Financial Index.	36,274
SRTY US EQUITY	ProShares UltraPro Short Russell2000	111	0.95	USD	ProShares UltraPro Short Russell2000 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results which correspond to three times (300%) the inverse of the daily performance of the Russell 2000 Index.	39,831
TZA US EQUITY	Direxion Daily Small Cap Bear 3X Shares	592	0.95	USD	Direxion Daily Small Cap Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the inverse of the performance of the Small Cap Index. The Fund invests in at least 80% of its net assets in Financial Instruments that, provide exposure to the Small Cap Index.	169,613

APPENDIX D: China & HK Equity

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY AVG TURNOVER ('000)	DIV YIELD (%)
HK EQUITY							
2800 HK EQUITY	Tracker Fund of Hong Kong Ltd	10,723	0.10	HKD	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.	1,059,905	3.24
2828 HK EQUITY	Hang Seng Investment Index Funds Series - H-Share Index ETF	5,541	0.64	HKD	Hang Seng Investment Index Funds Series - H-Share 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.	386,065	2.62
2833 HK EQUITY	Hang Seng Investment Index Funds Series II - Hang Seng Index ETF	6,017	0.13	HKD	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.	1,427	3.14
CHINA EQUITY							
2823 HK EQUITY	iShares FTSE A50 China Index ETF	3,546	0.99	HKD	iShares Asia Trust - iShares FTSE A50 China Index ETF is an exchange-traded fund established in Hong Kong. The Fund seeks to provide investment results that correspond generally to the performance of the FTSE China A50 Index, before fees and expenses. The Fund invests primarily in China A-Share Access Products ("CAAPs") but will also invest in A-Shares directly.	94,648	2.67
2822 HK EQUITY	CSOP FTSE China A50 ETF	2,586	1.08	HKD	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.	139,308	2.60

3188 HK EQUITY	ChinaAMC ETF Series - ChinaAMC CSI 300 Index ETF	1,347	0.83	HKD	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.	51,086	0.88
FXI US EQUITY	iShares China Large-Cap ETF	3,028	0.73	USD	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.	565,435	2.48
HD8 SP EQUITY	db x-trackers FTSE China 50 UCITS ETF DR	169	0.60	USD	db x-trackers FTSE CHINA 50 UCITS ETF DR is a UCITS IV compliant exchange trade fund incorporated in Luxembourg. The Fund's objective is to track the performance of the FTSE CHINA 25 Index.	117	N/A
3147 HK EQUITY	CSOP SZSE ChiNext ETF	50	1.27	HKD	CSOP SZSE ChiNext ETF is an exchange-traded fund incorporated in Hong Kong. The Fund seeks provide investment results that, before deduction of fees and expenses, closely correspond to the performance of the ChiNext Index. This is a RQFII fund.	1,966	N/A

APPENDIX E: China Leveraged & Inverse

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY AVG TURNOVER ('000)
2X LONG CHINA EQUITY						
CHAU US EQUITY	Direxion Daily CSI 300 China A Share Bull 2X Shares	54	0.95	USD	Direxion Daily CSI 300 China A Share Bull 2X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 200% of the CSI 300 Index. The ETF does not seek to achieve its stated investment objective over a period of time greater than one day.	890
XPP US EQUITY	ProShares Ultra FTSE China 50	27	0.95	USD	ProShares Ultra FTSE China 50 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to twice (200%) the daily performance of the FTSE/Xinhua China 50 Index. The Fund invests in equity securities that should have similar daily return of FTSE/Xinhua China 50 Index.	462
3X LONG CHINA EQUITY						
YINN US EQUITY	Direxion Daily FTSE China Bull 3X Shares	126	0.95	USD	Direxion Daily FTSE China Bull 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the performance of the FTSE China 50 Index.	14,779
1X SHORT CHINA EQUITY						
CHAD US EQUITY	Direxion Daily CSI 300 China A Share Bear 1X Shares	89	0.80	USD	Direxion Daily CSI 300 China A Share Bear 1X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 100% the inverse (opposite) of the CSI 300 Index. The ETF does not seek to achieve its stated investment objective over a period of time greater than one day.	478
YXI US EQUITY	ProShares Short FTSE China 50	11	0.95	USD	ProShares Short FTSE/Xinhua China 50 is an exchange-traded fund incorporated in the USA. The Fund seeks daily investment results that correspond to the inverse (opposite) of the daily performance of the FTSE/Xinhua China 50 Index.	74
2X SHORT CHINA EQUITY						
FXP US EQUITY	ProShares UltraShort FTSE China 50	48	0.95	USD	Proshares UltraShort FTSE China 50 is an exchange-traded fund incorporated in the USA. The Fund seeks investment results that correspond to the performance of 200% the inverse (opposite) of the FTSE China 50 Index.	1,226
3X SHORT CHINA EQUITY						
YANG US EQUITY	Direxion Daily FTSE China Bear 3X Shares	68	0.95	USD	Direxion Daily FTSE China Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results, before fees and expenses, of 300% of the inverse (the opposite) of the performance of the FTSE China 50 Index.	5,820

APPENDIX F: Europe Equity

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY AVG TURNOVER ('000)	DIV YIELD (%)
GERMANY							
DAXEX GR EQUITY	iShares Core DAX UCITS ETF DE	8,712	0.16	EUR	iShares Core DAX UCITS ETF (DE) is an open-end, UCITS compliant exchange traded fund incorporated in Germany. The fund aims to track the performance of the DAX index. The fund reinvests income received back into the fund.	4,722	0.65
EUROZONE							
VGK US EQUITY	Vanguard FTSE Europe ETF	10,885	0.10	USD	Vanguard FTSE Europe ETF is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the FTSE Developed Europe Index. The ETF holds large and mid-cap European stocks. Its investments are focused in Western Europe. The ETF weights the holdings using a market capitalization methodology.	138,545	3.34
HEDJ US EQUITY	WisdomTree Europe Hedged Equity Fund	9,187	0.58	USD	WisdomTree Europe Hedged Equity Fund is an exchange-traded fund incorporated in the USA. The Fund seeks investment results of the WisdomTree Europe Hedged Equity Index which provides exposure to Eurozone stocks while neutralizing currency risk relative to the US Dollar.	105,870	2.57
SX5EEX GR EQUITY	iShares EURO STOXX 50 UCITS ETF DE	7,835	0.16	EUR	iShares EURO STOXX 50 UCITS ETF (DE) is an open-end UCITS compliant exchange traded fund incorporated in Germany. The fund aims to track the performance of the EURO STOXX 50 index. The fund distributes income received to shareholders.	427	3.16
MSEU LN EQUITY	Lyxor UCITS ETF Euro Stoxx 50 Daily Hedged C-USD	7,749	0.20	USD	Lyxor UCITS ETF Euro Stoxx 50 Daily Hedged C-USD is an open-end UCITS compliant exchange traded fund incorporated in France. The Fund's investment objective is to track the performance of the EURO STOXX 50 Net Return Daily Hedged USD.	155	N/A
MSEX LN EQUITY	Lyxor UCITS ETF Euro Stoxx 50 Daily Hedged C-GBP	7,766	0.20	GBP	LYXOR UCITS ETF EURO STOXX 50 is an open-end, UCITS compliant exchange traded fund incorporated in France. The Fund aims to track the performance of the EURO STOXX 50 Net Return Daily Hedged GBP.	3,120	N/A
IMEU LN EQUITY	iShares MSCI Europe UCITS ETF EUR Dist	6,449	0.35	GBP	iShares MSCI Europe UCITS ETF EUR (Dist) is an open-end, UCITS compliant exchange traded fund incorporated in Ireland. The Fund aims to track the performance of the MSCI Europe Index. The MSCI Europe Index offers exposure to stocks from developed European countries. The fund distributes income received to shareholders.	69,629	2.58

UNITED KINGDOM

ISF LN EQUITY	iShares Core FTSE 100 UCITS ETF GBP Dist	5,797	0.07	GBP	iShares Core FTSE 100 UCITS ETF GBP (Dist) is an open-end, UCITS compliant exchange traded fund incorporated in Ireland. The Fund aims to track the performance of the FTSE100 Index. The fund distributes income received to shareholders.	2,470,074	N/A
VUKE LN EQUITY	Vanguard FTSE 100 UCITS ETF	3,145	0.09	GBP	Vanguard FTSE 100 ETF is a UCITS compliant, exchange-traded fund, domiciled in Ireland. The fund seeks to track the performance of the FTSE 100 Index, a widely recognised UK benchmark of the 100 most highly capitalised blue chip companies, representing approximately 83% of the UK market.	13,146	3.61

APPENDIX G: Oil and Gas

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY AVG TURNOVER ('000)	DIV YIELD (%)
ENERGY SECTOR							
XLE US Equity	Energy Select Sector SPDR Fund	16,808	0.14	USD	Energy Select Sector SPDR Fund is an exchange-traded fund incorporated in the USA. The ETF tracks the performance of the Energy Select Sector Index. The ETF holds large-cap U.S. energy stocks. It invests in companies that develop & produce crude oil & natural gas, provide drilling and other energy related services. The holdings are weighted by market capitalization.	977,145	2.43
VDE US Equity	Vanguard Energy ETF	4,191	0.10	USD	Vanguard Energy ETF is an exchange-traded fund incorporated in the USA. The Fund seeks to track the performance of the MSCI US Investable Market Energy Index. The Index consists of large, medium-size and small US companies within the energy sector that are involved with the construction or provision of oil rigs as well as the exploration, production and refining of oil/gas products.	31,676	2.51
XOP US Equity	SPDR S&P Oil & Gas Exploration & Production ETF	1,885	0.35	USD	SPDR S&P Oil & Gas Exploration & Production ETF is an exchange-traded fund incorporated in the USA. The Fund's objective is to replicate as closely as possible the S&P Oil & Gas Exploration & Production Select Industry Index, an equal-weighted index.	506,241	0.87
IYE US EQUITY	iShares U.S. Energy ETF	1,248	0.43	USD	iShares U.S. Energy ETF is an exchange-traded fund incorporated in the USA. The Fund's objective seeks investment results that correspond to the performance of the Dow Jones U.S. Energy Sector Index. The Fund will concentrate its investments in a particular industry or group of industries to approximately the same extent as the Index is so concentrated.	38,088	2.28
IXC US EQUITY	iShares Global Energy ETF	948	0.47	USD	iShares Global Energy ETF is an exchange-traded fund incorporated in the USA. The Fund's objective is to seek investment results that correspond to the performance of the S&P Global Energy Index.	8,524	3.04
CRUDE OIL COMMODITY (FUTURES)							
USO US EQUITY	United States Oil Fund LP	2,618	0.72	USD	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.	245,513	N/A

DBO US EQUITY	PowerShares DB Oil Fund	387	0.78	USD	PowerShares DB Oil Fund is an exchange-traded fund incorporated in the USA. The Fund's objective is to track the DBIQ Optimum Yield Crude Oil Index Excess Return.	2,047	N/A
USL US EQUITY	United States 12 Month Oil Fund LP	105	0.93	USD	United States 12 Month 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 changes of the price of WTI Crude Oil delivered to Cushing, Oklahoma, as measured by changes in percentage terms of the price of an average of the next 12 month's WTI Crude Oil futures contracts on the NYMEX.	1,424	N/A
3135 HK EQUITY	CSOP WTI Oil Annual Roll December Futures ER ETF	14	1.08	HKD	CSOP WTI Oil Annual Roll December Futures ER ETF is an exchange-traded fund incorporated in Hong Kong. The fund aims to provide investment results that, before fees and expenses, closely correspond to the performance of the BofA Merrill Lynch Commodity index eXtra CLA Index (Excess Return).	100	N/A
LEVERAGED AND INVERSE							
UCO US EQUITY	ProShares Ultra Bloomberg Crude Oil	785	0.95	USD	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 Crude Oil Sub-Index.	187,779	N/A
UWT US EQUITY	VelocityShares 3x Long Crude Oil ETN	346	1.50	USD	VelocityShares 3x Long Crude Oil ETN is an exchange-traded note issued by Citigroup Global Markets Holdings Inc. The Note will provide investors with a cash payment at the scheduled maturity or early redemption based on the performance of the underlying index, S&P GSCI Crude Oil Index ER.	116,823	N/A
SCO US EQUITY	ProShares UltraShort Bloomberg Crude Oil	244	0.95	USD	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 (opposite) the daily performance, whether positive or negative, of its corresponding benchmark. The Fund tracks a multiple or inverse multiple of the daily performance of the Bloomberg Crude Oil Sub-Index.	73,899	N/A
DWT US EQUITY	VelocityShares 3x Inverse Crude Oil ETN	138	1.50	USD	VelocityShares 3x Inverse Crude Oil ETN is an exchange-traded note issued by Citigroup Global Markets Holdings Inc. The Note will provide investors with a cash payment at the scheduled maturity or early redemption based on the performance of the underlying index, S&P GSCI Crude Oil Index ER.	74,829	N/A

APPENDIX H: Gold

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY AVG TURNOVER ('000)	DIV YIELD (%)
PHYSICAL GOLD							
GLD US Equity	SPDR Gold Shares	31,904	0.40	USD	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.	922,645	N/A
IAU US Equity	iShares Gold Trust	7,614	0.25	USD	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.	94,621	N/A
PHAU LN Equity	ETFS Physical Gold	5,641	0.39	USD	ETFS Physical Gold is an open-ended, UCITS eligible Exchange Traded Commodity, incorporated in Jersey and list across Europe and Asia. It is designed to track the Gold price less fees, allowing investors to invest in the precious metals market. It is backed by physically allocated metal bullion which has no credit risk. The security only holds London Bullion Market Good Delivery bars.	27,917	N/A
GOLD MINERS							
GDX US Equity	VanEck Vectors Gold Miners ETF	10,897	0.53	USD	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.	1,439,163	0.25
GDXJ US Equity	VanEck Vectors Junior Gold Miners ETF	4,781	0.56	USD	VanEck Vectors Junior Gold Miners ETF is an exchange traded fund incorporated in the USA. The Fund's objective is to replicate as closely as possible, before fees and expenses, the price and yield performance of the MVIS Junior Gold Miners Index. The Fund will normally invest at least 80% of its total assets in securities that comprise the Fund's benchmark index.	863,202	4.34
RING US Equity	iShares MSCI Global Gold Miners ETF	139	0.39	USD	iShares MSCI Global Gold Miners ETF 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 MSCI ACWI Select Gold Miners Investable Market Index.	3,063	1.35

APPENDIX I: Gold Leveraged & Inverse

TICKER	NAME	TOTAL ASSETS (US\$M)	EXPENSE RATIO	TRADED CCY	DESCRIPTION	30 DAY AVG TURNOVER ('000)	DIV YIELD (%)
LEVERAGED GOLD							
DGP US Equity	DB Gold Double Long Exchange Traded Notes	144	0.75	USD	DB Gold Double Long ETN is an exchange-traded note issued in the USA by Deutsche Bank AG (London). The Notes will provide investors with a cash payment at the scheduled maturity or early redemption, based on the double the performance of its underlying index plus the monthly T-Bill index return.	719	N/A
UGLD US Equity	VelocityShares 3x Long Gold ETN linked to the S&P GSCI Gold Index	89	1.35	USD	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.	5,995	N/A
INVERSE GOLD							
DZZ US Equity	DB Gold Double Short Exchange Traded Notes	40	0.75	USD	DB Gold Double Short ETN is an exchange-traded note issued in the USA by Deutsche Bank AG (London). The Notes will provide investors with a cash payment at the scheduled maturity or early redemption, based on the double the inverse (opposite) performance of its underlying index plus the monthly T-Bill index return.	1,159	N/A
DGLD US Equity	VelocityShares 3x Inverse Gold ETN linked to S&P GSCI Gold Index Excess Return	14	1.35	USD	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.	4,055	N/A
DGZ US Equity	DB Gold Short Exchange Traded Notes	19	0.75	USD	DB Gold Short ETN is an exchange-traded note issued in the USA by Deutsche Bank AG (London). The Notes will provide investors with a cash payment at the scheduled maturity or early redemption, based on the inverse (opposite) performance of its underlying index plus the monthly T-Bill index return.	252	N/A

LEVERAGED GOLD MINERS							
NUGT US Equity	Direxion Daily Gold Miners Index Bull 3X Shares	1,552	0.95	USD	Direxion Daily Gold Miners Bull 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 300% of the NYSE Arca Gold Miners Index.	499,803	N/A
JNUG US Equity	Direxion Daily Junior Gold Miners Index Bull 3x Shares	1,003	0.95	USD	Direxion Daily Junior Gold Miners Index Bull 3x Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 300% of the Market Vectors Junior Gold Miners Index.	511,289	N/A
INVERSE GOLD MINERS							
DUST US Equity	Direxion Daily Gold Miners Index Bear 3X Shares	253	0.95	USD	Direxion Daily Gold Miners Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 300% the inverse (opposite) of the NYSE Arca Gold Miners Index.	265,167	N/A
JDST US Equity	Direxion Daily Junior Gold Miners Index Bear 3X Shares	137	0.95	USD	Direxion Daily Junior Gold Miners Index Bear 3X Shares is an exchange-traded fund incorporated in the USA. The Fund's objective is daily investment results of 300% the inverse (opposite) of the Market Vectors Junior Gold Miners Index.	283,781	N/A