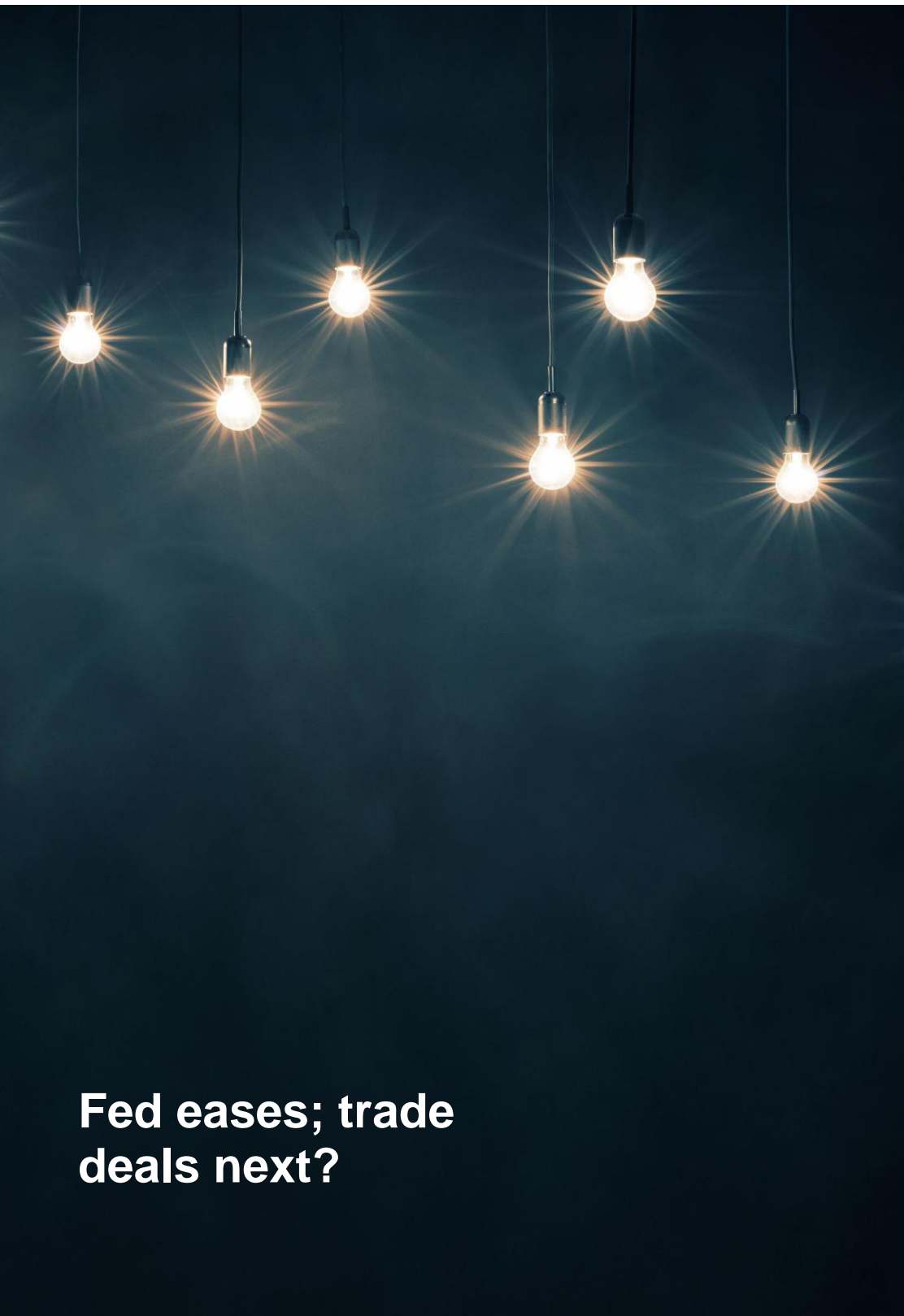


Weekly Market View



Fed eases; trade deals next?

The Fed eased monetary policy further, following ECB easing earlier. Potential US trade deals with Japan and China could be the next drivers of risk assets

Equities: We remain cautious on Japanese equities, despite the latest outperformance, given weak earnings expectations

Bonds: The brief spike in a section of the US money market due to tight liquidity raises the chances of the Fed expanding its balance sheet

FX: A US-Japan trade deal could be one trigger for a weaker USD

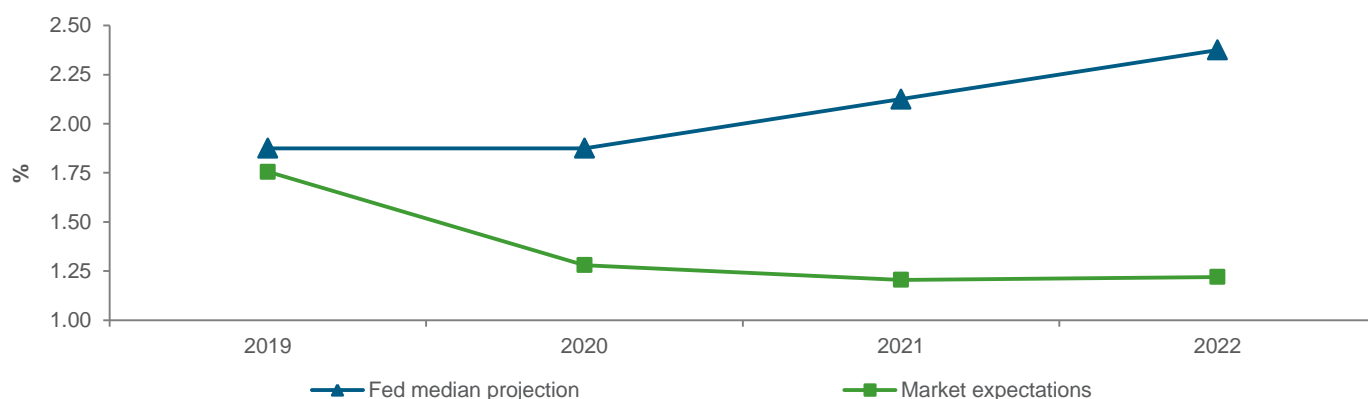
Contents

Fed eases; trade deals next?	1
What does this mean for investors?	4
What are the implications of the recent attack on Saudi oil facilities?	5
Market performance summary	6
Economic and market calendar	7
Disclosures	8

Chart of the week: Wide gap between Fed and the market

The Fed remains non-committal on further rate cuts despite market expectations of lower rates

Fed policymakers' median projections and US money markets' expectations of Fed rates over the next three years



Source: Bloomberg, Standard Chartered

Editorial

Fed eases; trade deals next?

Global equities consolidated after three weeks of gains, while US and European government bond yields stabilised after two weeks of sharp rises. The Fed's reluctance to commit to further rate cuts, after delivering a much-anticipated 25bps reduction, likely put a brake to the bullish uptrend in risk assets since late August. The drone strike on Saudi Arabia's critical oil facilities has also revived geopolitical risks.

However, we believe the Fed stance should not come as a surprise, given its increasingly data-dependent policy direction. US labour market, consumption, housing and services sector data remain robust, while there were some signs this week of stabilisation in industrial production data.

The focus now turns to the UN meetings, at the sidelines of which the US and Japan are slated to finalise a free-trade agreement. Recent changes in the US foreign policy team and President Trump's latest comments also raise the possibility of an interim US-China trade agreement. Such an outcome could remove a key source of uncertainty.

Alexis Calla

Global Head, Investment Advisory & Strategy

Steve Brice

Chief Investment Strategist

Clive McDonnell

Head, Equity Investment Strategy

Manpreet Gill

Head, FICC Investment Strategy

Manish Jaradi

Senior Investment Strategist

Audrey Goh, CFA

Senior Cross-asset Strategist

Daniel Lam, CFA

Senior Cross-asset Strategist

Belle Chan

Senior Investment Strategist

Rajat Bhattacharya

Senior Investment Strategist

Francis Lim

Senior Quantitative Strategist

Fook Hien Yap

Senior Investment Strategist

Thursten Cheok, CFA

Senior Portfolio Strategist

Abhilash Narayan

Investment Strategist

Cedric Lam

Investment Strategist

Trang Nguyen

Portfolio Strategist

DJ Cheong, CFA

Investment Strategist

Marco Iachini, CFA

Cross-Asset Strategist

A non-committal Fed

The Fed cut its benchmark rate by 25bps, as expected, delivering its second rate reduction in this decade-long economic expansion cycle. While it cited external risks to the economy caused by global trade uncertainty as the reason for the insurance cuts, it did not commit to further rate reductions, highlighting a still-robust domestic economy. The central bank's updated forecasts show only seven of its 17 policymakers now expect another rate cut this year, while the others either expect a rate hike or no further change.

We have some sympathy with the Fed's non-committal, data-dependent policy stance. After a series of healthy consumption and services sector indicators in recent weeks, data this week showed housing starts and building permits rising to their strongest since 2007, underscoring how low mortgage rates and a strong job market are enticing home buyers. Also, a broad rebound in industrial production raises the chances the manufacturing downturn is close to bottoming.

Against this constructive backdrop, we do see scope for one more rate cut this year; but, this is dependent on the outcome of US-China trade talks. Any interim trade agreement in October, as President Trump signalled, could revive global sentiment and lead the Fed to leave rates on hold. That suggests bond yields, which are factoring in 2-3 more rate cuts by end-2020, are unlikely to decline significantly lower from here. They are more likely to trade around current levels, in our view.

Saudi attacks revive geopolitical risks

Oil prices initially jumped almost 20% following last weekend's drone attacks on facilities in Saudi Arabia, the world's largest oil exporter. The attacks shut down nearly half of the Kingdom's production capacity (5% of global output), but authorities expect most of the shuttered facilities to come back online in a few weeks. This has helped prices to pull back and stabilise 8% higher from the levels prior to the attacks.

The still-elevated prices suggest geopolitical risk premium has returned to oil markets, given the vulnerability of critical Saudi facilities to external attacks. The focus remains on how soon production can be restored and on whether the US or Saudi Arabia retaliates against the attackers (the US blamed Iran for the attacks, though Iran has denied any involvement). Nevertheless, chances of a significant price spike appear low, given assurance from the International Energy Agency that it has more than 1.5bn barrels of oil stockpiles and the likelihood of increased US production at elevated oil prices. On technical charts, WTI crude has not been able to break past key resistance at July's high of USD 60.94/bbl. However, since it has held above a strong support area (100- and 200-DMA), a retest of Monday's high of 63.38 cannot be ruled out (see page 5 for implications for markets).

More stimulus in China

In the run-up to 1 October National Day, China continues to roll out measures to revive consumption. The Guiyang Municipal Government has recently lifted the purchase ban on automobiles, while Hainan province has announced measures to boost auto demand. Although data this week showed investment and industrial output continued to slow amid trade uncertainty, consumer spending remains relatively robust. Increasing government incentives for consumption is one of the reasons why the consumer sector is preferred within China equities.

What we are watching

US-Japan/China trade deal; Euro area PMI; US durable goods orders.

US housing starts and building permits rose to their strongest levels since 2007 as lower interest rates and a strong job market entice home buyers

US housing starts and building permits, annualised



Source: Bloomberg, Standard Chartered

Crude oil prices remain elevated, despite paring initial gains, amid the return of geopolitical risks following the attack on Saudi oil facilities

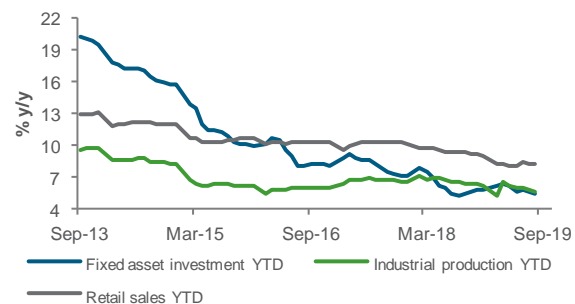
WTI crude oil, with 50-, 100-, 200-day moving averages



Source: Bloomberg, Standard Chartered

China's consumption growth has remained relatively resilient despite continued weakness in fixed asset investment and industrial production

YTD growth in China's retail sales, industrial production and fixed asset investment



Source: Bloomberg, Standard Chartered

What does this mean for investors?

Equities

Is it time to turn bullish on Japanese equities? Japanese equities have outperformed peers since the start of the month, with the Topix staging a 6.9% rally. The strength of the rebound, coupled with a break above resistance on the 200DMA, suggests that its multi-month downtrend could be reversing. We would wait for a break above resistance at the April high of 1,634 (which could be associated with a break above August's high in USD/JPY) before confirming an uptrend.

A likely driving force behind the Topix rally is the banking sector, which rallied 10.5%. Japanese banks have been underperforming the market for each of the past seven months, tracking the flattening course of the yield curve, but the outperformance in September came as the yield curve steepened significantly. Japan is our least preferred equity market because of low earnings growth. A reversal of the weak earnings trend would be needed to justify a more positive view.

Bonds

What are the implications of the recent surge in short-term US money market rates? Earlier this week, a segment of the US money market that determines short-term funding costs for banks (overnight repo rate) saw a sharp surge, which prompted the Fed to inject liquidity into the market. The spike in borrowing costs serves to highlight tight liquidity in financial markets and has caused some concern. However, it is important to note that the liquidity squeeze around this time of the year is a seasonal phenomenon, caused by quarterly corporate tax payments, with the current instance exacerbated by a large US Treasury coupon payment. Having said that, there is likely a structural element as well due to lower excess reserves in the banking system caused by the Fed's balance sheet reduction in recent years.

In the near term, we believe the Fed's decision to inject liquidity whenever required should calm the markets. However, over the next few months, it raises the possibility that the Fed may need to expand its balance sheet by restarting bond purchases to improve liquidity.

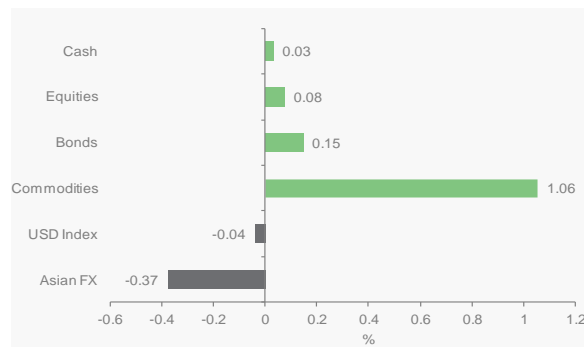
FX

What could drive the USD lower? The USD barely changed after the Fed's decision to cut benchmark rates by 25bps as the move was widely anticipated. The focus now turns to possible trade agreements, including the finalisation of the US-Japan trade pact. Any agreement to strengthen the JPY as part of the trade deal could be one trigger for USD weakness, especially if such a deal becomes a template for future trade deals with Europe and China. Overall, reduced trade tensions have the potential to revive global growth, which, in turn, could weaken the USD as investments flow back to the rest of the world.

USD/JPY failed to break strong resistance at 108.50 and fell as low as 107.79 after the BoJ left policy unchanged, only offering to review its policy stance in October. This came after the ECB and Fed both eased at this month's meetings. We believe this sets the stage for renewed USD/JPY weakness, with a possible test of support at 105.0.

EUR/USD appears to be building a base, with a double-bottom around 1.0925. A clear break of 1.1165 would be bullish. Although expectations of fiscal stimulus, especially in Germany, are low, further deterioration in data could lead to an easing of Germany's hardline stance. Such a move could boost the EUR and weaken the USD.

Benchmark (USD) performance w/w*



Source: MSCI, JP Morgan, DJ-UBS, Citigroup, Bloomberg, Standard Chartered (Indices used are JP Morgan Cash, MSCI AC World TR, Citi World Big, DJ-UBS Commodity, DXY and ADXY)

*Week of 12 September 2019 to 19 September 2019

Equity market technicals remain positive globally

Technical levels of key markets as of 19 September 2019

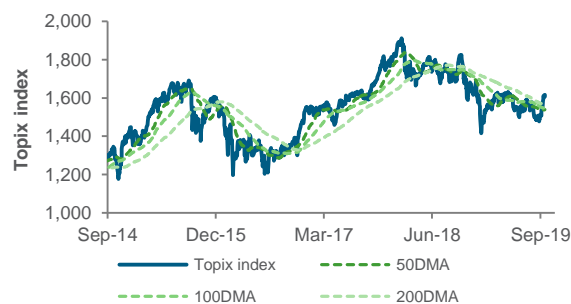
Index	Spot	1st support	1st resistance	Short-term trend
S&P	3,007	2,950	3,028	↑
STOXX 50	3,553	3,477	3,570	↔
FTSE 100	7,356	7,200	7,438	↔
Nikkei 225	22,044	21,450	22,350	↑
Shanghai Comp	2,999	2,915	3,045	↑
Hang Seng	26,469	26,000	27,500	↔
MSCI Asia ex-Japan	626	612	640	↔
MSCI EM	1,017	988	1,041	↔
Brent (ICE)	64	63	68	↔
Gold	1,499	1,480	1,525	↓
UST 10Y Yield	1.78	1.59	1.94	↔

Source: Trading Central, Standard Chartered

Note: Arrows represent short-term trend opinions

Japan's Topix stock index has outperformed its peers this month; we remain skeptical, given weak earnings

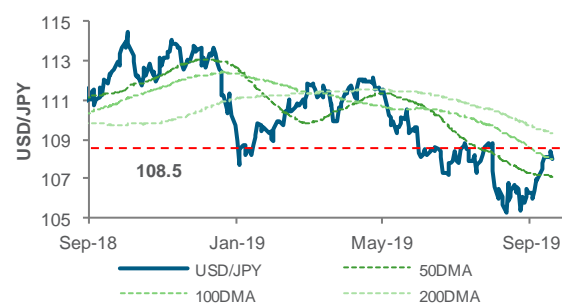
Topix index, with 50-, 100- and 200-DMAs



Source: Bloomberg, Standard Chartered

USD/JPY failed to break above the 108.50 resistance

USD/JPY



Source: Bloomberg, Standard Chartered

Top client question

Q What are the implications of the recent attack on Saudi oil facilities?

Over the weekend, coordinated drone attacks were carried out on two oil facilities in Saudi Arabia. Half of Saudi oil production (estimated 5.7mbd; ~5% of global oil supply) was initially halted, with crude oil prices surging higher on inventory drawdown fears. The extent of the damage remains highly uncertain.

The duration of the output disruption and potential for additional risk premium are key, in our view. Prices have corrected amid increased optimism that Saudi oil output could return to “normal levels” sooner than expected following recent announcements made by Saudi authorities. The availability and willingness to use significant global oil reserves also likely helped temper supply concerns.

The attack also likely signals the return of the ‘geopolitical risk premium’ (i.e. in this case a return of Iran tensions). In our assessment, this latest development could see market focus turn back to supply, especially if we see some form of retaliation.

Geopolitical risk premium aside, we retain a largely range-bound view of oil prices as markets will likely look past these short-term dislocations, while the tug of war between supply and demand-side factors continues to play out.

Impact on bonds:

Emerging Market USD government bond yield premiums were relatively resilient in the aftermath of the attack on Saudi oil infrastructure. Yield premiums for Saudi Arabia and GCC sovereign bonds rose by nearly 15-20bps as markets priced in a greater geopolitical risk premium. Investors could start demanding risk premium for bonds from the Middle East, something which has arguably already occurred to some extent. Any impact on Emerging Market oil exporters and importers outside the Middle East should largely offset each other. Hence, we continue to view EM USD bonds as a preferred asset class.

The rise in oil prices also supported a rally in US High Yield (HY) corporate bonds. While higher oil prices are generally supportive for the energy sector which forms almost 15% of the US HY bond market, we remain cautious of the gradual deterioration in fundamentals, which could lead to higher default rates over the next 12 months. Thus, we retain US HY bonds as a core holding.

Impact on equities:

In equities, the jump in oil price led the energy sector to significantly outperform the broader market this week. In the US, energy is the best performing sector up +7% month-to-date, whilst in Europe and China, it is up +6% month-to-date. Upstream oil producers would directly benefit from higher oil prices, while oil services providers could also benefit if the elevated oil price is sustained.

The energy sector in Europe is a preferred sector for us given the attractive dividend yield is supported by strong cashflows. Evidently, some other sectors like airlines and transportation would feel the direct impact of higher fuel costs, but a wider impact on companies’ profit margins will only be visible if oil price gains are sustained.

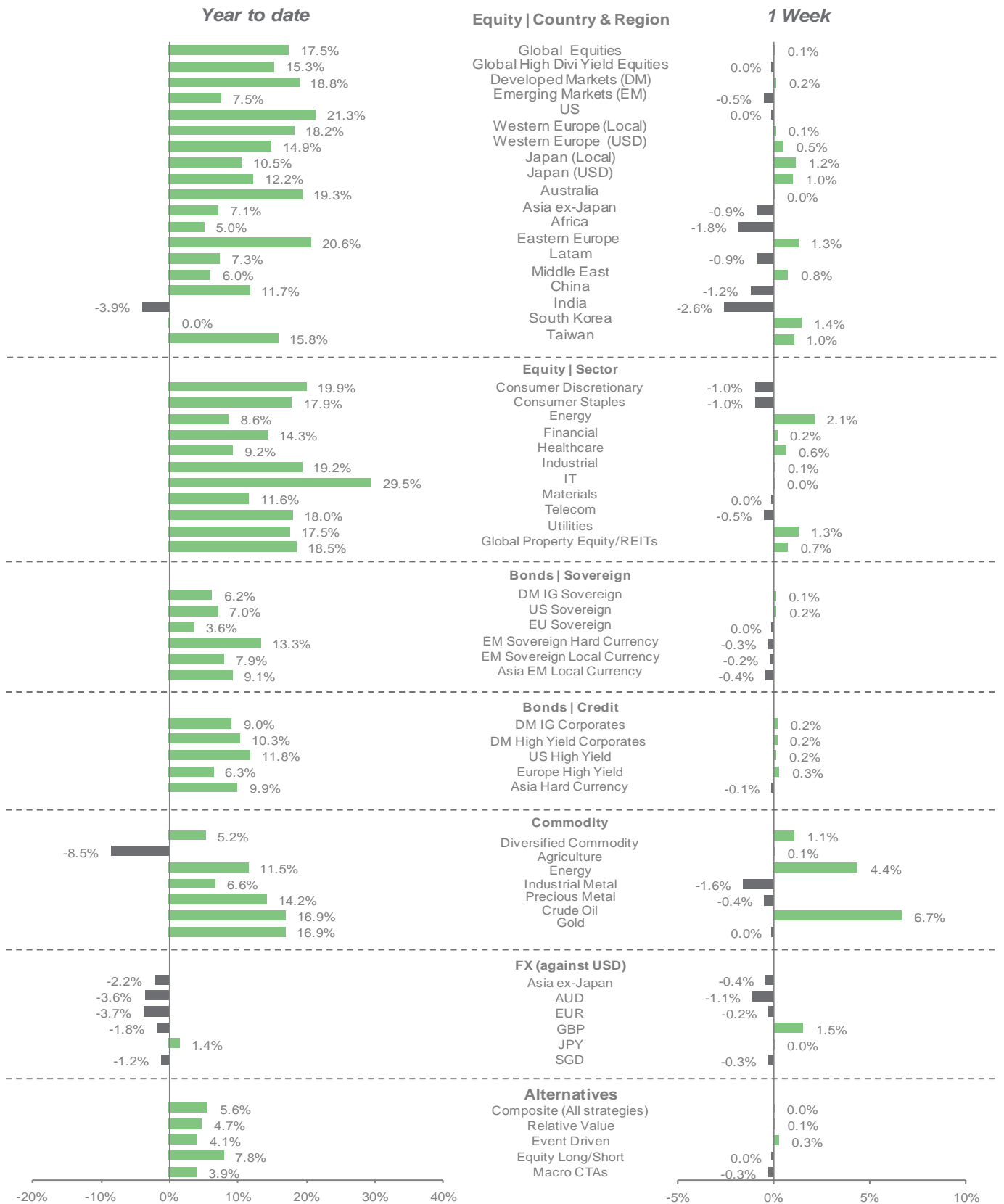
US High yield and EM USD government bonds have both benefitted from higher oil prices, despite elevated geopolitical risk after the attack on Saudi facilities

Yield premium of US High Yield and EM USD government bonds over US Treasuries



Source: Bloomberg, Standard Chartered

Market performance summary *



Sources: MSCI, JP Morgan, Barclays Capital, Citigroup, Dow Jones, HFRX, FTSE, Bloomberg, Standard Chartered

*Performance in USD terms unless otherwise stated, YTD period from 31 December 2018 to 19 September 2019, 1 week period: 12 September 2019 to 19 September 2019

Economic and market calendar

	Event	Next Week	Date	Period	Expected	Prior
MON	GE	Markit/BME Germany Composite PMI	23-Sep-19	Sep P	51.4	51.7
	EC	Markit Eurozone Composite PMI	23-Sep-19	Sep P	52	51.9
	US	Markit US Composite PMI	23-Sep-19	Sep P	–	50.7
TUE	GE	Ifo Expectations	24-Sep-19	Sep	91.8	91.3
	US	Conf. Board Consumer Confidence	24-Sep-19	Sep	133.5	135.1
WED						
THUR	US	GDP Annualized q/q	26-Sep-19	2Q T	2.0%	2.0%
	US	Personal Consumption	26-Sep-19	2Q T	–	4.7%
	US	Core PCE q/q	26-Sep-19	2Q T	–	1.7%
FRI/SAT	CH	Industrial Profits y/y	27-Sep-19	Aug	–	2.6%
	EC	Economic Confidence	27-Sep-19	Sep	103	103.1
	US	Personal Income	27-Sep-19	Aug	0.4%	0.1%
	US	Durable Goods Orders	27-Sep-19	Aug P	-1.3%	2.0%
	US	Real Personal Spending	27-Sep-19	Aug	–	0.4%
	US	Cap Goods Orders Nondef Ex Air	27-Sep-19	Aug P	–	0.2%
	GE	Retail Sales NSA y/y	27-Sep-19	Aug	–	4.4%
	Event	This Week	Date	Period	Actual	Prior
MON	CH	Fixed Assets Ex Rural YTD y/y	16-Sep-19	Aug	5.5%	5.7%
	CH	Industrial Production y/y	16-Sep-19	Aug	4.4%	4.8%
	CH	Retail Sales y/y	16-Sep-19	Aug	7.5%	7.6%
TUE	EC	ZEW Survey Expectations	17-Sep-19	Sep	-22.4	-43.6
	US	Industrial Production m/m	17-Sep-19	Aug	0.6%	-0.1%
WED	JN	Exports y/y	18-Sep-19	Aug	-8.2%	-1.5%
	UK	CPI Core y/y	18-Sep-19	Aug	1.5%	1.9%
	US	Building Permits	18-Sep-19	Aug	1419k	1317k
	US	Housing Starts	18-Sep-19	Aug	1364k	1215k
	BZ	Selic Rate	18-Sep-19	18-Sep	5.5%	6.0%
THUR	US	FOMC Rate Decision (Upper Bound)	19-Sep-19	18-Sep	2.0%	2.25%
	UK	Bank of England Bank Rate	19-Sep-19	19-Sep	0.75%	0.75%
	US	Leading Index	19-Sep-19	Aug	0.0%	0.4%
	US	Existing Home Sales	19-Sep-19	Aug	5.49m	5.42m
	JN	BOJ Policy Balance Rate	19-Sep-19	19-Sep	-0.1%	-0.1%
FRI/SAT	JN	Natl CPI Ex Fresh Food, Energy y/y	20-Sep-19	Aug	0.6%	0.6%
	GE	PPI y/y	20-Sep-19	Aug	–	1.1%

Source: Bloomberg, Standard Chartered; key indicators highlighted in blue

Previous data are for the preceding period unless otherwise indicated

Data are % change on previous period unless otherwise indicated

P - preliminary data, F - final data, sa - seasonally adjusted

y/y – year-on-year, m/m - month-on-month

Disclosures

This document is confidential and may also be privileged. If you are not the intended recipient, please destroy all copies and notify the sender immediately. This document is being distributed for general information only and is subject to the relevant disclaimers available at <https://www.sc.com/en/regulatory-disclosures/#market-commentary-disclaimer>. It is not and does not constitute research material, independent research, an offer, recommendation or solicitation to enter into any transaction or adopt any hedging, trading or investment strategy, in relation to any securities or other financial instruments. This document is for general evaluation only. It does not take into account the specific investment objectives, financial situation or particular needs of any particular person or class of persons and it has not been prepared for any particular person or class of persons. You should not rely on any contents of this document in making any investment decisions. Before making any investment, you should carefully read the relevant offering documents and seek independent legal, tax and regulatory advice. In particular, we recommend you to seek advice regarding the suitability of the investment product, taking into account your specific investment objectives, financial situation or particular needs, before you make a commitment to purchase the investment product. Opinions, projections and estimates are solely those of SCB at the date of this document and subject to change without notice. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. Any forecast contained herein as to likely future movements in rates or prices or likely future events or occurrences constitutes an opinion only and is not indicative of actual future movements in rates or prices or actual future events or occurrences (as the case may be). This document must not be forwarded or otherwise made available to any other person without the express written consent of the Standard Chartered Group (as defined below). Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered PLC, the ultimate parent company of Standard Chartered Bank, together with its subsidiaries and affiliates (including each branch or representative office), form the Standard Chartered Group. Standard Chartered Private Bank is the private banking division of Standard Chartered. Private banking activities may be carried out internationally by different legal entities and affiliates within the Standard Chartered Group (each an "SC Group Entity") according to local regulatory requirements. Not all products and services are provided by all branches, subsidiaries and affiliates within the Standard Chartered Group. Some of the SC Group Entities only act as representatives of Standard Chartered Private Bank, and may not be able to offer products and services, or offer advice to clients. They serve as points of contact only. ESG data has been provided by Refinitiv. Refer to <https://www.refinitiv.com/en/financial-data/company-data/esg-research-data>.

Market Abuse Regulation (MAR) Disclaimer

Banking activities may be carried out internationally by different branches, subsidiaries and affiliates within the Standard Chartered Group according to local regulatory requirements. Opinions may contain outright "buy", "sell", "hold" or other opinions. The time horizon of this opinion is dependent on prevailing market conditions and there is no planned frequency for updates to the opinion. This opinion is not independent of Standard Chartered Group's trading strategies or positions. Standard Chartered Group and/or its affiliates or its respective officers, directors, employee benefit programmes or employees, including persons involved in the preparation or issuance of this document may at any time, to the extent permitted by applicable law and/or regulation, be long or short any securities or financial instruments referred to in this document or have material interest in any such securities or related investments. Therefore, it is possible, and you should assume, that Standard Chartered Group has a material interest in one or more of the financial instruments mentioned herein. Please refer to <https://www.sc.com/en/banking-services/market-disclaimer.html> for more detailed disclosures, including past opinions/recommendations in the last 12 months and conflict of interests, as well as disclaimers. A covering strategist may have a financial interest in the debt or equity securities of this company/issuer. This document must not be forwarded or otherwise made available to any other person without the express written consent of Standard Chartered Group.

Country/Market Specific Disclosures

Botswana: This document is being distributed in Botswana by, and is attributable to, Standard Chartered Bank Botswana Limited which is a financial institution licensed under the Section 6 of the Banking Act CAP 46:04 and is listed in the Botswana Stock Exchange. **Brunei Darussalam:** This document is being distributed in Brunei Darussalam by, and is attributable to, Standard Chartered Bank (Brunei Branch) | Registration Number RFC/61. Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18 and Standard Chartered Securities (B) Sdn Bhd, which is a limited liability company registered with the Registry of Companies with Registration Number RC20001003 and licensed by Autoriti Monetari Brunei Darussalam as a Capital Markets Service License Holder with License Number AMBD/R/CMU/S3-CL. **China Mainland:** This document is being distributed in China by, and is attributable to, Standard Chartered Bank (China) Limited which is mainly regulated by China Banking and Insurance Regulatory Commission (CBIRC), State Administration of Foreign Exchange (SAFE), and People's Bank of China (PBOC). **Hong Kong:** In Hong Kong, this document, except for any portion advising on or facilitating any decision on futures contracts trading, is distributed by Standard Chartered Bank (Hong Kong) Limited ("SCBHK"), a subsidiary of Standard Chartered PLC. SCBHK has its registered address at 32/F, Standard Chartered Bank Building, 4-4A Des Voeux Road Central, Hong Kong and is regulated by the Hong Kong Monetary Authority and registered with the Securities and Futures Commission ("SFC") to carry on Type 1 (dealing in securities), Type 4 (advising on securities), Type 6 (advising on corporate finance) and Type 9 (asset management) regulated activity under the Securities and Futures Ordinance (Cap. 571) ("SFO") (CE No. AJ1614). The contents of this document have not been reviewed by any regulatory authority in Hong Kong and you are advised to exercise caution in relation to any offer set out herein. If you are in doubt about any of the contents of this document, you should obtain independent professional advice. Any product named herein may not be offered or sold in Hong Kong by means of any document at any time other than to "professional investors" as defined in the SFO and any rules made under that ordinance. In addition, this document may not be issued or possessed for the purposes of issue, whether in Hong Kong or elsewhere, and any interests may not be disposed of, to any person unless such person is outside Hong Kong or is a "professional investor" as defined in the SFO and any rules made under that ordinance, or as otherwise may be permitted by that ordinance. In Hong Kong, Standard Chartered Private Bank is the private banking division of Standard Chartered Bank (Hong Kong) Limited. **Ghana:** Standard Chartered Bank Ghana Limited accepts no liability and will not be liable for any loss or damage arising directly or indirectly (including special, incidental or consequential loss or damage) from your use of these documents. Past performance is not indicative of future results and no representation or warranty is made regarding future performance. You should seek advice from a financial adviser on the suitability of an investment for you, taking into account these factors before making a commitment to invest in an investment. To unsubscribe from receiving further updates, please click [here](#). Please do not reply to this email. Call our Priority Banking on 0302610750 for any questions or service queries. You are advised not to send any confidential and/or important information to the Bank via e-mail,

as the Bank makes no representations or warranties as to the security or accuracy of any information transmitted via e-mail. The Bank shall not be responsible for any loss or damage suffered by you arising from your decision to use e-mail to communicate with the Bank.

India: This document is being distributed in India by Standard Chartered Bank in its capacity as a distributor of mutual funds and referrer of any other third party financial products. Standard Chartered Bank does not offer any 'Investment Advice' as defined in the Securities and Exchange Board of India (Investment Advisers) Regulations, 2013 or otherwise. Services/products related securities business offered by Standard Chartered Bank are not intended for any person, who is a resident of any jurisdiction, the laws of which imposes prohibition on soliciting the securities business in that jurisdiction without going through the registration requirements and/or prohibit the use of any information contained in this document. **Indonesia:** This document is being distributed in Indonesia by Standard Chartered Bank, Indonesia branch, which is a financial institution licensed, registered and supervised by Otoritas Jasa Keuangan (Financial Service Authority). **Jersey:** In Jersey, Standard Chartered Private Bank is the Registered Business Name of the Jersey Branch of Standard Chartered Bank. The Jersey Branch of Standard Chartered Bank is regulated by the Jersey Financial Services Commission. Copies of the latest audited accounts of Standard Chartered Bank are available from its principal place of business in Jersey: PO Box 80, 15 Castle Street, St Helier, Jersey JE4 8PT. Standard Chartered Bank is incorporated in England with limited liability by Royal Charter in 1853 Reference Number ZC 18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. The Jersey Branch of Standard Chartered Bank is also an authorised financial services provider under license number 44946 issued by the Financial Sector Conduct Authority of the Republic of South Africa. Jersey is not part of the United Kingdom and all business transacted with Standard Chartered Bank, Jersey Branch and other SC Group Entity outside of the United Kingdom, are not subject to some or any of the investor protection and compensation schemes available under United Kingdom law.

Kenya: This document is being distributed in Kenya by, and is attributable to Standard Chartered Bank Kenya Limited. Investment Products and Services are distributed by Standard Chartered Investment Services Limited, a wholly owned subsidiary of Standard Chartered Bank Kenya Limited (Standard Chartered Bank/the Bank) that is licensed by the Capital Markets Authority as a Fund Manager. Standard Chartered Bank Kenya Limited is regulated by the Central Bank of Kenya. **Malaysia:** This document is being distributed in Malaysia by Standard Chartered Bank Malaysia Berhad. Recipients in Malaysia should contact Standard Chartered Bank Malaysia Berhad in relation to any matters arising from, or in connection with, this document. **Nigeria:** This document is being distributed in Nigeria by Standard Chartered Bank Nigeria Limited, a bank duly licensed and regulated by the Central Bank of Nigeria. **Pakistan:** This document is being distributed in Pakistan by, and attributable to Standard Chartered Bank (Pakistan) Limited having its registered office at PO Box 5556, I.I Chundrigar Road Karachi, which is a banking company registered with State Bank of Pakistan under Banking Companies Ordinance 1962 and is also having license issued by Securities & Exchange Commission of Pakistan for Security Advisors. Standard Chartered Bank (Pakistan) Limited acts as a distributor of mutual funds and referrer of other third party financial products. **Singapore:** This document is being distributed in Singapore by, and is attributable to, Standard Chartered Bank (Singapore) Limited (Registration No. 201224747C/ GST Group Registration No. MR-8500053-0, "SCBSL"). Recipients in Singapore should contact SCBSL in relation to any matters arising from, or in connection with, this document. SCBSL is an indirect wholly-owned subsidiary of Standard Chartered Bank and is licensed to conduct banking business in Singapore under the Singapore Banking Act, Chapter 19. Standard Chartered Private Bank is the private banking division of SCBSL. IN RELATION TO ANY SECURITY OR SECURITIES-BASED DERIVATIVES CONTRACT REFERRED TO IN THIS DOCUMENT, THIS DOCUMENT, TOGETHER WITH THE ISSUER DOCUMENTATION, SHALL BE DEEMED AN INFORMATION MEMORANDUM (AS DEFINED IN SECTION 275 OF THE SECURITIES AND FUTURES ACT, CHAPTER 289 ("SFA")). THIS DOCUMENT IS INTENDED FOR DISTRIBUTION TO ACCREDITED INVESTORS, AS DEFINED IN SECTION 4A(1)(a) OF THE SFA, OR ON THE BASIS THAT THE SECURITY OR SECURITIES-BASED DERIVATIVES CONTRACT MAY ONLY BE ACQUIRED AT A CONSIDERATION OF NOT LESS THAN S\$200,000 (OR ITS EQUIVALENT IN A FOREIGN CURRENCY) FOR EACH TRANSACTION. Further, in relation to any security or securities-based derivatives contract, neither this document nor the Issuer Documentation has been registered as a prospectus with the Monetary Authority of Singapore under the SFA. Accordingly, this document and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the product may not be circulated or distributed, nor may the product be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons other than a relevant person pursuant to section 275(1) of the SFA, or any person pursuant to section 275(1A) of the SFA, and in accordance with the conditions specified in section 275 of the SFA, or pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. In relation to any collective investment schemes referred to in this document, this document is for general information purposes only and is not an offering document or prospectus (as defined in the SFA). This document is not, nor is it intended to be (i) an offer or solicitation of an offer to buy or sell any capital markets product; or (ii) an advertisement of an offer or intended offer of any capital markets product. **Deposit Insurance Scheme:** Singapore dollar deposits of non-bank depositors are insured by the Singapore Deposit Insurance Corporation, for up to S\$75,000 in aggregate per depositor per Scheme member by law. Foreign currency deposits, dual currency investments, structured deposits and other investment products are not insured. **Taiwan:** Standard Chartered Bank ("SCB") or Standard Chartered Bank (Taiwan) Limited ("SCB (Taiwan)") may be involved in the financial instruments contained herein or other related financial instruments. The author of this document may have discussed the information contained herein with other employees or agents of SCB or SCB (Taiwan). The author and the above-mentioned employees of SCB or SCB (Taiwan) may have taken related actions in respect of the information involved (including communication with customers of SCB or SCB (Taiwan) as to the information contained herein). The opinions contained in this document may change, or differ from the opinions of employees of SCB or SCB (Taiwan). SCB and SCB (Taiwan) will not provide any notice of any changes to or differences between the above-mentioned opinions. This document may cover companies with which SCB or SCB (Taiwan) seeks to do business at times and issuers of financial instruments. Therefore, investors should understand that the information contained herein may serve as specific purposes as a result of conflict of interests of SCB or SCB (Taiwan). SCB, SCB (Taiwan), the employees (including those who have discussions with the author) or customers of SCB or SCB (Taiwan) may have an interest in the products, related financial instruments or related derivative financial products contained herein; invest in those products at various prices and on different market conditions; have different or conflicting interests in those products. The potential impacts include market makers' related activities, such as dealing, investment, acting as agents, or performing financial or consulting services in relation to any of the products referred to in this document. **UAE:** DIFC - Standard Chartered Bank is incorporated in England with limited liability by Royal Charter 1853 Reference Number ZC18. The Principal Office of the Company is situated in England at 1 Basinghall Avenue, London, EC2V 5DD. Standard Chartered Bank is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and Prudential Regulation Authority. Standard Chartered Bank, Dubai International Financial Centre having its offices at Dubai International Financial Centre, Building 1, Gate Precinct, P.O. Box 999, Dubai, UAE is a branch of Standard Chartered Bank and is regulated by the Dubai Financial Services Authority ("DFSA"). This document is intended for use only by Professional Clients and is not directed at Retail Clients as defined by the DFSA Rulebook. In the DIFC we are authorised to provide financial services only to

clients who qualify as Professional Clients and Market Counterparties and not to Retail Clients. As a Professional Client you will not be given the higher retail client protection and compensation rights and if you use your right to be classified as a Retail Client we will be unable to provide financial services and products to you as we do not hold the required license to undertake such activities. For Islamic transactions, we are acting under the supervision of our Shariah Supervisory Committee. Relevant information on our Shariah Supervisory Committee is currently available on the Standard Chartered Bank website in the Islamic banking section at: <https://www.sc.com/en/banking/islamic-banking/http://www.standardchartered.com/en/banking-services/islamic-banking/shariah-supervisory-committee.html>. **UAE:** For residents of the UAE – Standard Chartered Bank UAE does not provide financial analysis or consultation services in or into the UAE within the meaning of UAE Securities and Commodities Authority Decision No. 48/r of 2008 concerning financial consultation and financial analysis. **Uganda:** Our Investment products and services are distributed by Standard Chartered Bank Uganda Limited, which is licensed by the Capital Markets Authority as an investment adviser. **United Kingdom:** Standard Chartered Bank (trading as Standard Chartered Private Bank) is an authorised financial services provider (license number 45747) in terms of the South African Financial Advisory and Intermediary Services Act, 2002. **Vietnam:** This document is being distributed in Vietnam by, and is attributable to, Standard Chartered Bank (Vietnam) Limited which is mainly regulated by State Bank of Vietnam (SBV). Recipients in Vietnam should contact Standard Chartered Bank (Vietnam) Limited for any queries regarding any content of this document. **Zambia:** This document is distributed by Standard Chartered Bank Zambia Plc, a company incorporated in Zambia and registered as a commercial bank and licensed by the Bank of Zambia under the Banking and Financial Services Act Chapter 387 of the Laws of Zambia.