

Singapore Banking Monthly

Interest rates inch up

SINGAPORE | BANKING & FINANCE | UPDATE

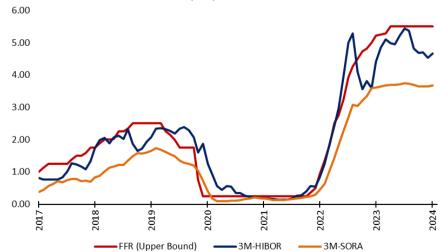
- May's 3M-SORA was up 2bps MoM to 3.68% and 2bps higher than the 1Q24 average. Furthermore, the 3M-SORA rose by 6bps YoY. 3M-HIBOR was up 13bps MoM to 4.67%, reversing the decline of 16bps in April.
- Singapore domestic loans inched up 1.5% YoY in April, the largest YoY increase since October 2022. We expect low-single-digit growth for 2024 as loan growth is expected to continue to be positive going into 2H24. The CASA balance was maintained at 18.3% (Mar24: 18.3%).
- Maintain OVERWEIGHT. Banks continued their positive performance in May performance. The best performer continued to be DBS, with a 3% increase, while OCBC and UOB improved by 2% and 1%, respectively. We remain positive on banks. NIMs may stay flat despite the higher-for-longer interest rate environment. A recovery in loan growth and fee income will lift profits. Bank dividend yields are attractive at 6.1%, with upside surprises due to excess capital ratios and a push towards higher ROEs.

3M-SORA and 3M-HIBOR tick up in May

Singapore interest rates were up 2bps to 3.68% in May, rising for two consecutive months in 2024. May's 3M-SORA rose by 6bps YoY and was 2bps higher than the 1Q24 3M-SORA average of 3.66% (4Q23: 3.74%). Notably, this is the second smallest YoY increase since March 2022.

Hong Kong interest rates recovered slightly in May. The 3M-HIBOR was up 13bps MoM to 4.67%, slightly reversing the decline of 16bps in April. May's 3M-HIBOR improved by 26bps YoY but was 6bps lower than 1Q24 3M-HIBOR average of 4.73% (Figure 1).

Figure 1: SORA and HIBOR increase in May



Fed Fund Rates (FFR) vs. 3M-HIBOR vs. 3M-SORA

Source: Bloomberg, PSR

BULL AND BEAR" StocksBnB.com

6 June 2024

Overweight (Maintained)

DBS Group Holdings

| ACCUMULATE | (Maintained) |
|------------|--------------|
|------------|--------------|

| TOTAL RETURN | 13.80% |
|-------------------|-----------|
| DIVIDEND YIELD | 6.05% |
| TARGET PRICE | SGD 38.50 |
| FORECAST DIV | SGD 2.16 |
| LAST TRADED PRICE | SGD 35.73 |
| BLOOMBERG CODE | DBS SP |

Oversea-Chinese Banking Corp

ACCUMULATE (Maintained)

| BLOOMBERG CODE | OCBC SP |
|-------------------|-----------|
| LAST TRADED PRICE | SGD 14.32 |
| FORECAST DIV | SGD 0.87 |
| TARGET PRICE | SGD 15.40 |
| DIVIDEND YIELD | 6.08% |
| TOTAL RETURN | 13.62% |

United Overseas Bank Limited

BUY (Maintained)

| BLOOMBERG CODE | UOB SP |
|-------------------|-----------|
| LAST TRADED PRICE | SGD 30.86 |
| FORECAST DIV | SGD 1.90 |
| TARGET PRICE | SGD 34.90 |
| DIVIDEND YIELD | 6.16% |
| TOTAL RETURN | 19.25% |

Glenn Thum (+65 6212 1851)

Senior Research Analyst

glennthumjc@phillip.com.sg

List of Abbreviations:

NIM – Net Interest Margin SIBOR – Singapore Interbank Offer Rate SOR – Swap Offer Rate HIBOR – Hong Kong Interbank Offer Rate

DDAV – Derivatives Daily Average Volume SDAV – Securities Daily Average Value



Singapore loan growth positive, largest since Oct 2022

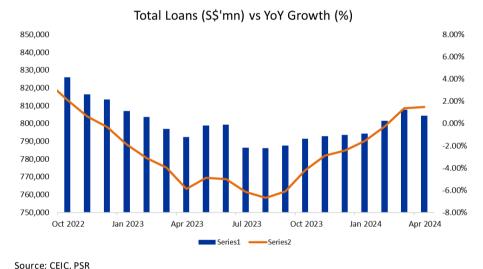
Overall loans to Singapore residents – which captured lending in all currencies to residents in Singapore – rose by 1.5% YoY in April to S\$804bn. Notably, this is the largest YoY increase since October 2022. We expect low-single-digit growth for 2024 as loan growth is expected to continue to be positive going into 2H24.

Business loans rose by 1.8% YoY in April. Loans to the building and construction segment, the single largest business segment, grew 0.1% YoY to S\$169bn, while loans to the manufacturing segment fell 12% YoY in April to S\$21bn.

Consumer loans grew 1% YoY in April to S\$312bn, the fourth consecutive YoY increase recorded since December 2022. Housing loans, which comprise ~70% of consumer lending, grew 1.3% YoY in April to S\$225bn.

Total deposits and balances—which include deposits in all currencies made by nonbank customers—grew by 5% YoY in April to S\$1,851bn. In the Current Account and Savings Account, or CASA, the proportion maintained at 18.3% (Mar24: 18.3%) of total deposits or S\$339bn.

Figure 3: Largest Singapore loans growth since Oct 2022



Hong Kong loan growth decline continues

Hong Kong's domestic loan growth declined 5.7% YoY and fell by 1% MoM in April. The decline was larger than March's fall of 5.4% YoY and an increase of 1% MoM. Notably, loan growth has continuously declined YoY since June 2022.

Figure 4: Hong Kong loan growth continues to decline

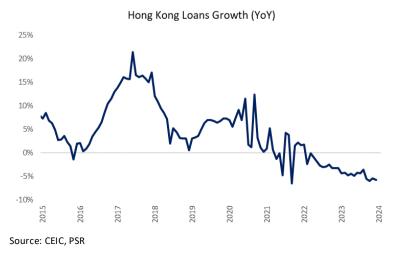


Figure 2: Singapore loans growth

| 2023/2024 | Loans growth (YoY) |
|-------------|--------------------|
| April 24 | 1.50% |
| March 24 | 1.37% |
| February 24 | -0.28% |
| January 24 | -1.59% |
| December 23 | -2.44% |
| November | -2.89% |
| October | -4.19% |
| September | -6.11% |
| August | -6.71% |
| July | -6.15% |
| June | -5.02% |
| May | -4.88% |

Source: CEIC, PSR



Volatility fell as the market stabilised

Preliminary SDAV rose 22% YoY to S\$1,261mn in May (Figure 5), while the DDAV grew 23% YoY and 20% MoM in April. The VIX, a market index that measures the implied volatility of the S&P 500 Index, averaged 13.1 in May, down from 16.1 in the previous month.

The top four equity index futures turnover rose 2% YoY in May to 11mn contracts (Figure 6) due to the higher trading volumes of their MSCI Singapore Index Futures and FTSE Taiwan Index Futures. Notably, the FTSE China A50 Index Futures increased 5% MoM, while the Nikkei 225 Index Futures fell 26% MoM in May.

Figure 5: 12 Months SDAV and DDAV

| | SDAV | VeV | DDAV | VeV |
|-------------|--------|------|------|------|
| | (\$mn) | YoY | (mn) | YoY |
| May 24 | 1,261 | 22% | - | - |
| April 24 | 1,212 | 25% | 1.18 | 23% |
| March 24 | 1,190 | -2% | 1.19 | 14% |
| February 24 | 1,252 | 13% | 1.26 | 24% |
| January 24 | 935 | -19% | 1.14 | 5% |
| December 23 | 939 | 0% | 1.04 | 13% |
| November | 952 | -23% | 1.04 | -5% |
| October | 897 | -22% | 1.07 | -13% |
| September | 867 | -26% | 1.07 | 3% |
| August | 1,061 | -4% | 1.04 | 13% |
| July | 1,014 | 13% | 0.98 | -1% |
| June | 1,174 | 1% | 1.03 | -6% |

Source: SGX, Bloomberg, PSR

Figure 6: Turnover of top four equity index futures contracts up YoY

| No. of contracts | May-23 | May-24 | ΥοΥ |
|------------------------------|------------|------------|--------|
| FTSE China A50 Index Futures | 7,426,035 | 7,544,200 | 1.6% |
| Nikkei 225 Index Futures | 994,578 | 684,149 | -31.2% |
| MSCI Singapore Index Futures | 1,097,972 | 1,318,978 | 20.1% |
| FTSE Taiwan Index Futures | 1,508,960 | 1,658,271 | 9.9% |
| Sub-total | 11,027,545 | 11,205,598 | +2% |

Source: SGX, Bloomberg, PSR

Singapore Banks Performance

All three local banks' share price performance was up in May 2024; DBS performed the best, with the largest increase of 3%, and OCBC and UOB improved by 2% and 1%, respectively (Figure 7). DBS continued as the best performer this month, likely due to its FY24 dividend guidance being the highest among the three local banks and providing clear guidance for dividend growth in the coming years, while both OCBC and UOB are maintaining their guidance a dividend payout ratio of 50% with not much clarity on how excess capital will be returned to shareholders.

Figure 7: All three banks continue to rise in May 2024

| | | | Performance | | | | | | | |
|----------------|--------------------|---------------------|----------------|-----------------------|--------|---------------------|---------------|------------|----------------|----------------|
| BBG Ticker | Singapore Banks | Last Price (S\$) | Recommendation | Target Price (S\$) | Upside | Div Yield (%) | 1 Year (%) | YTD (%) | 3 Month (%) | 1 Month (%) |
| DBS SP EQUITY | DBS | 35.85 | ACCUMULATE | 38.50 | 7% | 5.3 | 30.7 | 18.5 | 18.8 | 3.1 |
| OCBC SP EQUITY | OCBC | 14.42 | ACCUMULATE | 15.40 | 7% | 5.7 | 18.3 | 11.6 | 11.8 | 1.8 |
| UOB SP EQUITY | UOB | 30.82 | BUY | 34.90 | 13% | 5.5 | 10.2 | 8.2 | 10.2 | 1.3 |

Source: Bloomberg, PSR



Higher AUM and improving investor sentiment fee driver

With interest rates stagnating and expectations for rate cuts in the later part of FY24, the three local banks would be looking at fee income to sustain their earnings momentum. Fee income in 1Q24 grew 16% YoY, mainly from an increase in wealth management fees, as there was a shift in investor sentiment due to the expectation of rate cuts, where demand and funds were moved from deposits into investment products. AUM also grew 13% YoY to reach a new high (Figure 8), mainly from continued net new money inflows. In comparison, their peers HSBC and Standard Chartered Bank showed smaller growth in both fee income (+9% YoY) and AUM (+13% YoY).

We continue to expect the local banks' fee income to grow by double digits and have forecasted YoY growth of ~14% for FY24e, which could add ~S\$340mn to revenue. The growth will be led by a continued move from deposits into higher risk investments as interest rates remain flat with an expectation of rate cuts in the later part of the year. There is also a possibility for the banks' spread from AUM to grow as market sentiments improve. As the banks' NII and NIM remain stable, we believe fee income will provide the driver for earnings growth in FY24e.

Figure 8: AUM growth consistent

SG Banks: AUM (S\$'bn) vs Fee Income (S\$'mn) 850 2.500 800 2,000 750 700 1 500 650 600 1,000 Dec-20 Dec-23 Jun-22 lun-23 lun-21 Dec-21 Dec-22 Fee Income (S\$'mn) - RHS AUM (S\$'bn) - LHS

Source: Companies, PSR

Singapore Banking News

- On 30 May, it was reported that customers who head to financial institutions (FIs) to place a fixed deposit will not have to face being peddled investment products by staff there, one of the outcomes expected under an updated set of guidelines aimed at enhancing protection for Singaporeans in their dealings with FIs. The Monetary Authority of Singapore (MAS) said the Guidelines on Fair Dealing aim to raise standards of fair dealing and improve customer experience at FIs, such as banks and wealth managers.
- On 3 May, it was reported that Chinese migrant workers are using Singapore banks to send money home after a crackdown by Beijing last year affected transfers handled by some remittance firms here. DBS Bank and OCBC Bank said remittances to China surged around 60% or more in the first two months of the year, compared with the same period in 2023. UOB did not give details on China transfers but noted that digital remittances to its top five destinations and China "experienced double-digit growth" in the first quarter of 2024.
- On 2 May, some DBS/POSB customers reported difficulties accessing the digital services of Singapore's biggest bank for more than two hours. From about 5.40pm, several users had faced issues logging in to their bank accounts online and on their apps, and using PayLah!. DBS Bank, in a statement on Facebook at 6.54pm, acknowledged that customers were experiencing issues with DBS/POSB



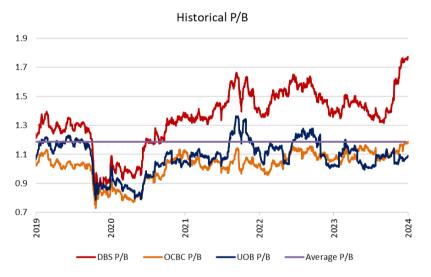
digibank Online and Mobile, and DBS PayLah!. The Monetary Authority of Singapore (MAS) is following up with DBS Bank to ensure that it identifies the root cause of recent disruptions to its internet banking and payment services and addresses it effectively.

On 1 May, OCBC's Indonesian subsidiary, PT Bank OCBC NISP Tbk (OCBC Indonesia), has completed the acquisition of PT Bank Commonwealth Indonesia. Following the acquisition, PT Bank Commonwealth Indonesia will become a wholly owned subsidiary of OCBC Indonesia. The acquisition brings over 1.2 million customers from PT Bank Commonwealth Indonesia to OCBC Indonesia. PT Bank Commonwealth Indonesia also brings its wealth management capabilities with it.

Investment Action

Maintain OVERWEIGHT. We remain positive on banks. NIMs will likely remain flat in FY24e despite the higher-for-longer interest rate environment, but loan growth and fee income recovery will uplift profits. Bank dividend yields are also attractive, with upside surprises due to excess capital ratios and a push towards higher ROEs.

Figure 9: Banks' 5-year historical P/B



Source: Bloomberg, PSR

Figure 10: Banks' target P/B

| | DBS | ОСВС | UOB |
|----------------|-------|-------|-------|
| High | 1.62 | 1.50 | 1.43 |
| Low | 0.81 | 0.73 | 0.79 |
| 5-year average | 1.17 | 1.09 | 1.12 |
| Current | 1.34 | 1.02 | 0.97 |
| Forward target | 1.36 | 1.27 | 1.17 |
| TP (S\$) | 38.50 | 15.40 | 34.90 |

Source: Bloomberg, PSR

Figure 11: Peer Comparison – Singapore banks offer the highest dividend yield

| | 202 | | - | orward P | 15 | 5.0 | rward P/ | | Dividend | V:- I-I (0/) | | DOF (9/) | | Price | - . | |
|-----------------|-----------------------|-----------------------|------|-----------------|------|-----|-----------------|-----------|-----------------|------------------|------|----------------|------|---------------------|-----------------------|--------|
| Stock | PSR Recommendation | Market Cap (USDmn) | Yr0 | orward P Yr1 | Yr2 | Yr0 | rward P/ Yr1 | вv Yr2 | Dividend Yr1 | Yield (%) Yr2 | Yr0 | ROE (%) Yr1 | Yr2 | (Local Currencv) | Target Price (S\$) | Upside |
| Singapore | Recommendation | (OSDIIII) | 110 | | 112 | 110 | 111 | 112 | 111 | 112 | 110 | | 112 | currency | Fille (33) | Opside |
| DBS | Accumulate | 75,733 | 8.6 | 9.6 | 9.7 | 1.4 | 1.5 | 1.5 | 6.2 | 6.6 | 16.9 | 16.6 | 15.7 | 35.9 | 38.50 | 7% |
| OCBC | Accumulate | 48,235 | 8.4 | 8.8 | 8.8 | 1.1 | 1.1 | 1.1 | 6.0 | 6.1 | 13.3 | 13.4 | 12.6 | 14.4 | 15.40 | 7% |
| UOB | Buy | 38,316 | 8.5 | 8.7 | 8.5 | 1.1 | 1.1 | 1.0 | 5.8 | 6.0 | 13.3 | 12.8 | 12.5 | 30.8 | 34.90 | 13% |
| | Market Cap Weig | | 8.5 | 9.2 | 9.1 | 1.2 | 1.3 | 1.2 | 6.0 | 6.3 | 15.0 | 14.7 | 14.0 | | | |
| | | | | | | | | | | | | | | | | |
| Indonesia | | | | | | | | | | | | | | | | |
| BCA | Non-rated | 71,976 | 23.8 | 21.7 | 19.9 | 4.8 | 4.4 | 4.0 | 2.9 | 3.3 | 21.0 | 21.2 | 21.1 | 9475 | na | na |
| MANDIRI | Non-rated | 35,659 | 10.3 | 10.3 | 9.3 | 2.2 | 2.0 | 1.8 | 5.7 | 6.1 | 22.4 | 20.6 | 20.7 | 6200 | na | na |
| BNI | Non-rated | 10,595 | 9.6 | 7.7 | 6.8 | 1.3 | 1.1 | 1.0 | 6.1 | 6.8 | 14.6 | 14.4 | 15.0 | 4610 | na | na |
| BANK BRI | Non-rated | 42,120 | 14.4 | 10.8 | 9.6 | 2.8 | 2.1 | 1.9 | 7.2 | 7.8 | 19.7 | 19.6 | 20.7 | 4510 | na | na |
| BANK BTN | Non-rated | 1,107 | 5.0 | 4.8 | 4.2 | 0.6 | 0.5 | 0.5 | 3.3 | 3.8 | 12.4 | 11.5 | 12.0 | 1280 | na | na |
| | Market Cap Weig | hted Average: | 17.3 | 15.3 | 13.9 | 3.4 | 3.0 | 2.8 | 4.9 | 5.3 | 20.5 | 20.1 | 20.5 | | | |
| Malaysia | | | | | | | | | | | | | | | | |
| AFFIN BANK | Non-rated | 1,209 | 12.0 | 11.4 | 10.1 | 0.4 | 0.5 | 0.5 | 3.2 | 3.8 | 3.7 | 4.4 | 4.9 | 2.4 | na | na |
| ALLIANCE BANK | Non-rated | 1,266 | 8.3 | 8.1 | 7.6 | 0.8 | 0.8 | 0.8 | 5.8 | 6.3 | 9.9 | 10.0 | 10.2 | 3.8 | na | na |
| AMMB HOLDINGS | Non-rated | 3,000 | 7.5 | 8.0 | 7.6 | 0.7 | 0.7 | 0.7 | 5.5 | 5.9 | 10.0 | 8.9 | 8.9 | 4.3 | na | na |
| BANK ISLAM | Non-rated | 1,159 | 9.0 | 9.1 | 8.5 | 0.7 | 0.7 | 0.7 | 6.7 | 7.1 | 7.8 | 8.0 | 8.4 | 2.4 | na | na |
| CIMB BANK | Non-rated | 15,814 | 8.9 | 9.8 | 9.2 | 0.9 | 1.0 | 1.0 | 5.9 | 6.1 | 10.7 | 10.8 | 10.9 | 7.0 | na | na |
| HONG LEONG BANK | Non-rated | 8,957 | 10.2 | 9.8 | 9.2 | 1.1 | 1.1 | 1.0 | 3.5 | 3.8 | 11.8 | 11.6 | 11.5 | 19.4 | na | na |
| MAYBANK | Non-rated | 25,674 | 11.5 | 12.1 | 11.6 | 1.1 | 1.3 | 1.2 | 6.2 | 6.5 | 10.4 | 10.3 | 10.5 | 10.0 | na | na |
| PUBLIC BANK | Non-rated | 17,115 | 12.5 | 11.6 | 11.0 | 1.5 | 1.4 | 1.3 | 4.8 | 5.1 | 12.7 | 12.4 | 12.2 | 4.1 | na | na |
| RHB | Non-rated | 5,107 | 8.3 | 8.4 | 7.9 | 0.8 | 0.7 | 0.7 | 7.3 | 7.6 | 9.4 | 9.0 | 9.2 | 5.5 | na | na |
| | Market Cap Weig | hted Average: | 10.6 | 10.7 | 10.2 | 1.1 | 1.1 | 1.1 | 5.5 | 5.8 | 10.9 | 10.7 | 10.8 | | | |
| Thailand | | | | | | | | | | | | | | | | |
| BANGKOK BANK | Non-rated | 7,155 | 7.2 | 6.0 | 5.9 | 0.6 | 0.5 | 0.4 | 5.2 | 5.4 | 8.1 | 8.0 | 7.8 | 137.0 | na | na |
| BANK OF AYUDHYA | Non-rated | 5,031 | 6.3 | 5.8 | 5.6 | 0.6 | 0.5 | 0.4 | 3.8 | 4.2 | 9.3 | 8.5 | 8.5 | 25.0 | na | na |
| KASIKORNBANK | Non-rated | 8,460 | 7.5 | 7.0 | 6.5 | 0.6 | 0.6 | 0.5 | 4.6 | 5.0 | 8.2 | 8.1 | 8.3 | 130.5 | na | na |
| KIATNAKIN BANK | Non-rated | 1,164 | 7.8 | 7.5 | 6.7 | 0.7 | 0.7 | 0.6 | 6.3 | 6.9 | 9.2 | 9.0 | 9.6 | 50.3 | na | na |
| KRUNGHTHAI | Non-rated | 6,539 | 7.0 | 6.1 | 5.9 | 0.6 | 0.6 | 0.5 | 5.4 | 5.7 | 9.4 | 9.4 | 9.2 | 17.1 | na | na |
| KRUNGHTHAI CARD | Non-rated | 3,210 | 15.4 | 15.2 | 13.2 | 3.1 | 2.9 | 2.6 | 2.8 | 3.5 | 21.8 | 20.3 | 19.6 | 45.5 | na | na |
| SCB X PCL | Non-rated | 9,673 | 8.2 | 8.0 | 7.7 | 0.7 | 0.7 | 0.7 | 8.5 | 8.9 | 9.3 | 9.1 | 9.4 | 105.0 | na | na |
| SRISAWAD | Non-rated | 1,674 | 11.1 | 11.1 | 9.8 | 2.1 | 1.9 | 1.6 | 2.5 | 3.1 | 18.6 | 17.8 | 17.6 | 40.5 | na | na |
| THANACHART BANK | Non-rated | 1,413 | 7.9 | 7.4 | 6.8 | 0.7 | 0.7 | 0.7 | 6.6 | 7.0 | 9.6 | 9.7 | 9.9 | 49.3 | na | na |
| TISCO | Non-rated | 2,130 | 10.9 | 11.1 | 11.0 | 1.9 | 1.8 | 1.8 | 7.9 | 8.0 | 17.1 | 16.5 | 16.3 | 97.3 | na | na |
| | Market Cap Weig | hted Average: | 8.3 | 7.7 | 7.3 | 0.9 | 0.8 | 0.8 | 5.6 | 5.9 | 10.5 | 10.2 | 10.2 | | | |

Source: Bloomberg, PSR

Extracted as of 4-Jun-24

BANKING & FINANCE SECTOR UPDATE

P PhillipCapital

Head of Research

Paul Chew - paulchewkl@phillip.com.sg

Technical Analyst Zane Aw – <u>zaneawyx@phillip.com.sg</u>

Credit Analyst Shawn Sng – <u>shawnsngkh@phillip.com.sg</u>

US Technology Analyst (Digital Media & Entertainment) Jonathan Woo – <u>ionathanwookj@phillip.com.sg</u>

> SINGAPORE Phillip Securities Pte Ltd Raffles City Tower 250, North Bridge Road #06-00 Singapore 179101 Tel +65 6533 6001 Fax +65 6535 6631 Website: www.poems.com.sg

JAPAN Phillip Securities Japan, Ltd. 4-2 Nihonbashi Kabuto-cho Chuo-ku, Tokyo 103-0026 Tel +81-3 3666 2101 Fax +81-3 3666 6090 Website: www.phillip.co.jp

THAILAND Phillip Securities (Thailand) Public Co. Ltd 15th Floor, Vorawat Building, 849 Silom Road, Silom, Bangrak, Bangkok 10500 Thailand Tel +66-2 6351700 / 22680999 Fax +66-2 22680921 Website www.phillip.co.th

UNITED STATES Phillip Capital Inc 141 W Jackson Blvd Ste 3050 The Chicago Board of Trade Building Chicago, IL 60604 USA Tel +1-312 356 9000 Fax +1-312 356 9005 Website: www.phillipusa.com

INDIA PhillipCapital (India) Private Limited No.1, 18th Floor, Urmi Estate 95, Ganpatrao Kadam Marg Lower Parel West, Mumbai 400-013 Maharashtra, India

Tel: +91-22-2300 2999 / Fax: +91-22-2300 2969 Website: <u>www.phillipcapital.in</u> Property | REITs Darren Chan – <u>darrenchanrx@phillip.com.sg</u>

Contact Information (Singapore Research Team)

Property | REITs Liu Miaomiao –<u>liumm@phillip.com.sg</u>

US Tech Analyst (Hardware/E-commerce/ETF) Helena Wang – <u>helenawang@phillip.com.sg</u>

Contact Information (Regional Member Companies) MALAYSIA Phillip Capital Management Sdn Bhd B-3-6 Block B Level 3 Megan Avenue II, No. 12, Jalan Yap Kwan Seng, 50450 Kuala Lumpur Tel +603 2162 8841 Fax +603 2166 5099

> INDONESIA PT Phillip Securities Indonesia ANZ Tower Level 23B, JI Jend Sudirman Kav 33A Jakarta 10220 – Indonesia Tel +62-21 5790 0800 Fax +62-21 5790 0809 Website: www.phillip.co.id

Website: www.poems.com.my

FRANCE King & Shaxson Capital Limited 3rd Floor, 35 Rue de la Bienfaisance 75008 Paris France Tel +33-1 45633100 Fax +33-1 45636017 Website: www.kingandshaxson.com

AUSTRALIA Phillip Capital Limited Level 10, 330 Collins Street Melbourne, Victoria 3000, Australia Tel +61-03 8633 9803 Fax +61-03 8633 9899 Website: www.phillipcapital.com.au

TURKEY PhillipCapital Menkul Degerler Dr. Cemil Bengü Cad. Hak Is Merkezi No. 2 Kat. 6A Caglayan 34403 Istanbul, Turkey Tel: 0212 296 84 84 Fax: 0212 233 69 29 Website: www.phillipcapital.com.tr Research Admin Qystina Azli - <u>gystina@phillip.com.sg</u>

Banking & Finance Glenn Thum – glennthumjc@phillip.com.sg

US Technology Analyst (Software/Services) Ambrish Shah – <u>amshah@phillipcapital.in</u>

> HONG KONG Phillip Securities (HK) Ltd 11/F United Centre 95 Queensway Hong Kong Tel +852 2277 6600 Fax +852 2868 5307 Websites: www.phillip.com.hk

> > CHINA

Phillip Financial Advisory (Shanghai) Co Ltd No 550 Yan An East Road, Ocean Tower Unit 2318, Postal code 200001 Tel +86-21 5169 9200 Fax +86-21 6351 2940 Website: www.phillip.com.cn

UNITED KINGDOM King & Shaxson Capital Limited 6th Floor, Candlewick House, 120 Cannon Street, London, EC4N 6AS Tel +44-20 7426 5950 Fax +44-20 7626 1757 Website: www.kingandshaxson.com

CAMBODIA Phillip Bank Plc Ground Floor of B-Office Centre, #61-64, Norodom Blvd Corner Street 306,Sangkat Boeung Keng Kang 1, Khan Chamkamorn, Phnom Penh, Cambodia Tel: 855 (0) 7796 6151/855 (0) 1620 0769

DUBAI

Website: www.phillipbank.com.kh

Phillip Futures DMCC Member of the Dubai Gold and Commodities Exchange (DGCX) Unit No 601, Plot No 58, White Crown Bldg, Sheikh Zayed Road, P.O.Box 212291 Dubai-UAE Tel: +971-4-3325052 / Fax: + 971-4-3328895



Important Information

This report is prepared and/or distributed by Phillip Securities Research Pte Ltd ("Phillip Securities Research"), which is a holder of a financial adviser's license under the Financial Advisers Act, Chapter 110 in Singapore.

By receiving or reading this report, you agree to be bound by the terms and limitations set out below. Any failure to comply with these terms and limitations may constitute a violation of law. This report has been provided to you for personal use only and shall not be reproduced, distributed or published by you in whole or in part, for any purpose. If you have received this report by mistake, please delete or destroy it, and notify the sender immediately.

The information and any analysis, forecasts, projections, expectations and opinions (collectively, the "Research") contained in this report has been obtained from public sources which Phillip Securities Research believes to be reliable. However, Phillip Securities Research does not make any representation or warranty, express or implied that such information or Research is accurate, complete or appropriate or should be relied upon as such. Any such information or Research contained in this report is subject to change, and Phillip Securities Research shall not have any responsibility to maintain or update the information or Research made available or to supply any corrections, updates or releases in connection therewith.

Any opinions, forecasts, assumptions, estimates, valuations and prices contained in this report are as of the date indicated and are subject to change at any time without prior notice. Past performance of any product referred to in this report is not indicative of future results.

This report does not constitute, and should not be used as a substitute for, tax, legal or investment advice. This report should not be relied upon exclusively or as authoritative, without further being subject to the recipient's own independent verification and exercise of judgment. The fact that this report has been made available constitutes neither a recommendation to enter into a particular transaction, nor a representation that any product described in this report is suitable or appropriate for the recipient. Recipients should be aware that many of the products, which may be described in this report involve significant risks and may not be suitable for all investors, and that any decision to enter into transactions involving such products should not be made, unless all such risks are understood and an independent determination has been made that such transactions would be appropriate. Any discussion of the risks contained herein with respect to any product should not be considered to be a disclosure of all risks or a complete discussion of such risks.

Nothing in this report shall be construed to be an offer or solicitation for the purchase or sale of any product. Any decision to purchase any product mentioned in this report should take into account existing public information, including any registered prospectus in respect of such product.

Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may provide an array of financial services to a large number of corporations in Singapore and worldwide, including but not limited to commercial / investment banking activities (including sponsorship, financial advisory or underwriting activities), brokerage or securities trading activities. Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may have participated in or invested in transactions with the issuer(s) of the securities mentioned in this report, and may have performed services for or solicited business from such issuers. Additionally, Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may have provided advice or persons involved in the issuance of this report, may have provided advice or persons involved in the issuance of this report, may have provided advice or investment services to such companies and investments or related investments, as may be mentioned in this report.

Phillip Securities Research or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report may, from time to time maintain a long or short position in securities referred to herein, or in related futures or options, purchase or sell, make a market in, or engage in any other transaction involving such securities, and earn brokerage or other compensation in respect of the foregoing. Investments will be denominated in various currencies including US dollars and Euro and thus will be subject to any fluctuation in exchange rates between US dollars and Euro or foreign currencies and the currency of your own jurisdiction. Such fluctuations may have an adverse effect on the value, price or income return of the investment.

To the extent permitted by law, Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may at any time engage in any of the above activities as set out above or otherwise hold an interest, whether material or not, in respect of companies and investments or related investments, which may be mentioned in this report. Accordingly, information may be available to Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, or persons associated with or connected in this report, and Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, which is not reflected in this report, and Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited to its officers, directors, employees or persons involved in the issuance of this report, may, to the extent permitted by law, have acted upon or used the information prior to or immediately following its publication. Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited its officers, directors, employees or persons involved in the issuance of this report, may, to the extent permitted by law, have acted upon or used the information prior to or immediately following its publication. Phillip Securities Research, or persons associated with or connected to Phillip Securities Research, including but not limited its officers, directors, employees or persons involved in the issuance of this report, may have issued other material that is inconsistent with, or reach different conclusions from, the contents of this report.

The information, tools and material presented herein are not directed, intended for distribution to or use by, any person or entity in any jurisdiction or country where such distribution, publication, availability or use would be contrary to the applicable law or regulation or which would subject Phillip Securities Research to any registration or licensing or other requirement, or penalty for contravention of such requirements within such jurisdiction.

This report is intended for general circulation only and does not take into account the specific investment objectives, financial situation or particular needs of any particular person. The products mentioned in this report may not be suitable for all investors and a person receiving or reading this report should seek advice from a professional and financial adviser regarding the legal, business, financial, tax and other aspects including the suitability of such products, taking into account the specific investment objectives, financial situation or particular needs of that person, before making a commitment to invest in any of such products.

This report is not intended for distribution, publication to or use by any person in any jurisdiction outside of Singapore or any other jurisdiction as Phillip Securities Research may determine in its absolute discretion.

IMPORTANT DISCLOSURES FOR INCLUDED RESEARCH ANALYSES OR REPORTS OF FOREIGN RESEARCH HOUSES

Where the report contains research analyses or reports from a foreign research house, please note:

- (i) recipients of the analyses or reports are to contact Phillip Securities Research (and not the relevant foreign research house) in Singapore at 250 North Bridge Road, #06-00 Raffles City Tower, Singapore 179101, telephone number +65 6533 6001, in respect of any matters arising from, or in connection with, the analyses or reports; and
- (ii) to the extent that the analyses or reports are delivered to and intended to be received by any person in Singapore who is not an accredited investor, expert investor or institutional investor, Phillip Securities Research accepts legal responsibility for the contents of the analyses or reports.