

Hong Kong

Overweight (no change)

Highlighted Companies

AIA Group

ADD, TP HK\$91.00, HK\$65.40 close

AIA Group is our sector top pick. We think we have greater faith than sell-side peers in the sustainability of HK insurance growth and believe its current valuation offers a highly attractive entry point.

Ping An Insurance ADD, TP HK\$80.00, HK\$36.80 close

We believe Ping An Insurance is well placed to benefit from rebounding new business value growth, on the back of its strong agent force, the benefits of its completed agent reform, and strong demand for savings insurance products.

Prudential PLC ADD, TP HK\$114.0, HK\$81.9 close

We see numerous tailwinds for Prudential (Pru) over the next five years, which could drive a closing of its sizeable P/EV valuation gap vs. AIA (where AIA's FY24F P/EV is more than 2.3 times that of Pru). We think changes that could continue to be introduced by its CEO, who joined in 2023, would be positive.

Summary Valuation Metrics

| P/E (x) | Dec-23F | Dec-24F | Dec-25F |
|-------------------|---------|---------|---------|
| AIA Group | 29.85 | 12.97 | 11.96 |
| Ping An Insurance | 4.01 | 3.12 | 2.66 |
| Prudential PLC | 21.02 | 13.13 | 10.96 |
| | | | |
| P/BV (x) | Dec-23F | Dec-24F | Dec-25F |
| AIA Group | 2.74 | 2.49 | 2.17 |
| Ping An Insurance | 0.62 | 0.53 | 0.45 |
| Prudential PLC | 1.62 | 1.49 | 1.35 |
| | | | |
| Dividend Yield | Dec-23F | Dec-24F | Dec-25F |
| AIA Group | 2.36% | 2.49% | 2.70% |
| Ping An Insurance | 7.75% | 8.88% | 10.51% |
| Prudential PLC | 1.32% | 1.26% | 1.40% |
| | | | |

Analyst(s)



Michael CHANG, CFA T (852) 2539 1323 E michael.chang@cgsi.com Laura LI Zhiyi T (852) 2532 1127 E laura.li@cgsi.com

Insurance - Composite

Addressing MCV 'pent-up demand' concerns

- We think investor concerns about exhaustion of MCV insurance 'pent-up demand' are overdone and expect consensus VONB upgrades in 2024F.
- We remain confident in the 'green shoots' emerging from the HK agent channel and see higher MCV VONB margins in HK for 2024F.
- An imminent expansion of the Individual Visit Scheme is a positive, as MCV arriving under this scheme are more likely to buy HK insurance, in our view.
- Reiterate Sector Overweight rating. Our top picks are AIA and Prudential.

We do not see exhaustion of 'pent-up' MCV insurance demand

We disagree with investors who see exhaustion of 'pent-up demand' for insurance products among mainland Chinese visitors (MCV). Such concerns were accentuated by the Insurance Authority (IA) on 20 Feb 2023 stating 2023 MCV insurance sales were HK\$59bn, implying 4Q23's was HK\$12bn, down 19% qoq (3Q23 qoq: -33%; 2Q23 qoq: +132%). The IA also said it sees MCV insurance sales falling to HK\$43-51bn (down 14-27% yoy) in 2024F (i.e. the level in 2017-2019 and below 2016's HK\$73bn). We stress that such statements are about unweighted sales and ignore the important distinction between lower-margin single premium policies vs. higher-margin regular premiums. As noted in <u>MCV: The differences post-pandemic</u>, (9 Jan 2024), single premiums are falling more rapidly, as their mix post-pandemic remains abnormally high (Fig 4). On an annualised premium equivalent basis, 3Q23 MCV sales fell only 13% qoq and we believe this narrowed in 4Q23 qoq.

2024F Bloomberg consensus VONB looks overly conservative

Favourable US-China yield differentials (Fig 6), US\$/ Rmb trends (Fig 7), the sizeable buildup of US\$ deposits within mainland China (Fig 13) and encouraging continued postpandemic rebound of MCV (Figs 16-17) are all reasons to be bullish on 2024F MCV insurance sales in HK, in our view. We thus think Bloomberg 2024F value of new business (VONB) consensus looks low and expect upgrades going forward. For example, our FY24F VONB growth forecast for AIA of 26% is well above Bloomberg consensus' 15% (Fig 20).

Looking forward to HK MCV VONB margin expansion

We see clearly improving mom growth in HK agent numbers over Oct 2023-Jan 2024 (Fig 24). Thus, we think the higher-margin agent channel will be a more important driver of 2024F MCV HK insurance sales and help alleviate our concerns about intense competition in the lower-margin broker channel (see <u>The battle for MCV heats up in HK</u>, 10 Aug 2023).

First expansion of the Individual Visit Scheme since 2007 imminent

The Standard newspaper reported on 22 Feb 2024 that Beijing has agreed to expand the geographical coverage of the Individual Visit Scheme (IVS) for the first time since 2007 from the current 49 Mainland China cities (Figs 38-39). It expects an imminent official announcement to coincide with the Hong Kong (HK) and Macau Affairs Office director Xia Baolong's visit to HK on 22-28 Feb 2024. This is positive for HK insurers such as AIA and Prudential, not only due to an increase of MCV, but also because we believe MCV are much more likely to buy insurance if they come under the IVS vs. part of a group tour.

Reiterate sector Overweight; our sector top picks: AIA & Prudential

Our sector OW call is premised on inexpensive valuations (currently 0.6x FY24F P/EV, >2 s.d. below post-2012 mean) and potential re-rating catalysts of favourable stronger-forlonger MCV insurance sales and faster agent growth. Key downside risks: stricter MCV insurance regulation and greater competition.

Figure 1: The sizeable US\$11.6bn buildup of onshore non-Rmb household deposits over Sep 2019-Mar 2023 contrasts with a US\$4.8bn fall after HK-China border reopening. We think a large portion went to HK MCV insurance sales





Insurance | Hong Kong Insurance - Composite | February 23, 2024

| | Ticker | Rec | Market Cap | Price | Target Price | +/- | P/E\ | / (x) | VO multip | | P/B | V (x) | Group (% | | ROE | E (%) | P/E | (x) | Divid yield | |
|---|------------|--------|---------------|--------|-----------------|------|-------|-------|--------------|--------|-------|-------|-------------|-------|-------|-------|-------|-------|----------------|-------|
| | | | (US\$bn) | (Lcy) | (Lcy) | (%) | FY23F | FY24F | FY23F | FY24F | FY23F | FY24F | FY23F | FY24F | FY23F | FY24F | FY23F | FY24F | FY23F | FY24F |
| China Life | 2628 HK | Add | 98.05 | 10.20 | 12.40 | 22% | 0.20x | 0.19x | -26.4x | -26.7x | 0.6x | 0.5x | 10.3x | 10.1x | 7.7x | 8.9x | 8.4x | 6.2x | 5.1 | 5.1 |
| Ping An | 2318 HK | Add | 96.17 | 36.80 | 80.00 | 117% | 0.40x | 0.37x | -28.8x | -29.6x | 0.6x | 0.5x | 11.7x | 11.9x | 17.1x | 17.3x | 3.8x | 3.2x | 7.8 | 8.7 |
| CPIC | 2601 HK | Add | 28.74 | 16.18 | 23.30 | 44% | 0.27x | 0.25x | -34.0x | -33.7x | 0.6x | 0.5x | 6.6x | 9.7x | 11.1x | 11.6x | 5.9x | 4.9x | 6.9 | 8.2 |
| NCI | 1336 HK | Hold | 11.24 | 15.82 | 14.40 | -9% | 0.17x | 0.16x | -73.6x | -70.5x | 0.4x | 0.4x | 9.4x | 7.9x | 7.8x | 9.6x | 5.7x | 4.2x | 6.2 | 8.4 |
| PICC P&C | 2328 HK | Add | 26.37 | 10.68 | 14.80 | 39% | n.a. | n.a. | n.a. | n.a. | 1.0x | 0.9x | n.a. | n.a. | 10.0x | 12.8x | 10.0x | 7.3x | 5.0 | 5.5 |
| AIA | 1299 HK | Add | 97.97 | 65.40 | 91.00 | 39% | 1.43x | 1.33x | 6.8x | 4.4x | 2.7x | 2.5x | 7.2x | 12.7x | 9.8x | 19.9x | 26.9x | 13.0x | 2.4 | 2.5 |
| Pru | 2378 HK | Add | 29.49 | 81.90 | 114.00 | 39% | 0.64x | 0.57x | -5.5x | -5.9x | 1.6x | 1.5x | 10.5x | 13.9x | 7.8x | 11.7x | 21.1x | 13.2x | 1.3 | 1.3 |
| Manulife | 945 HK | NR | 35.13 | 190.00 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | 1.5x | 1.3x | n.a. | n.a. | 14.2x | 14.6x | 10.1x | 9.4x | 4.4 | 4.7 |
| HK-listed v | weighted a | verage | | | | | 0.63x | 0.58x | -18.4x | -19.3x | 1.2x | 1.1x | 9.5x | 11.5x | 11.3x | 14.7x | 12.1x | 7.2x | 5.2 | 5.7 |
| HK-listed weighted average ex AIA, Pru and Manulife 0.29x 0.27x -30.6x -30.9x 0.6x 0.6x 10.4x 10.7x 11.8x 12.7x 6.5x 5.0x 6.3 | | | | | | | | | | 6.3 | 7.0 | | | | | | | | | |

SOURCES: CGSI RESEARCH ESTIMATES, COMPANY REPORTS, BLOOMBERG *CPIC: China Pacific Insurance Company; NCI: New China Life Insurance; PICC P&C: PICC (The People's Insurance Company of China) Property & Casualty); Pru: Prudential plo

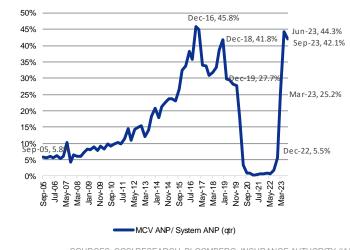
SHARE PRICE DATA AS OF 22 FEB 202

Note: Estimates for Not Rated (NR) companies are based on Bloomberg consensus estimate



Addressing MCV 'pent-up demand' concerns

Figure 3: The mix of annualised new premium (ANP) from mainland Chinese visitors (MCV) to the HK system was at 44.3% in 2Q23, almost back to 4Q16's peak of 45.8% (quarterly data)



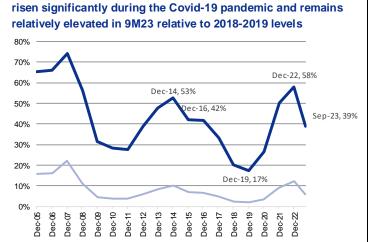
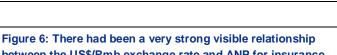


Figure 4: The mix of single premiums within MCV premiums had

SOURCES: CGSI RESEARCH, BLOOMBERG, INSURANCE AUTHORITY (IA)

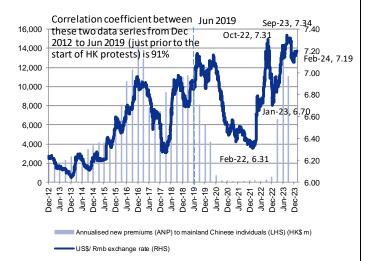


Mix of single premiums within mainland Chinese visitor ANP (YTD)

Mix of single premiums within mainland Chinese visitor FYP (unweighted) (YTD)

SOURCES: CGSI RESEARCH, INSURANCE AUTHORITY (IA)

between the US\$/Rmb exchange rate and ANP for insurance sold to mainland Chinese individuals in Dec 2012-Jun 2019 (correlation co-efficient of 91%).



SOURCES: CGSI RESEARCH, INSURANCE AUTHORITY, BLOOMBERG

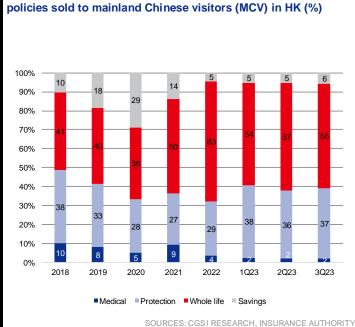


Figure 5: Mix of annualised new premium (ANP) of insurance

We include medical reimbursement, critical illness and health insurance riders in the medical category. We include term life, other protection and non-medical riders in the protection category. We include universal life, endowment and annuities in the savings category. In our view, whole life policies are a hybrid between savings and protection.



Figure 7: The gap between the US and China 10-year government bond yields has been positive since Jul 2022, after being consistently negative since Jul 2010, and is still near a record high (at least since data became available in 2005)

Figure 8: China's treasury bond yields have been trending downwards, with its 10-year treasury bond yield recently falling to a record low

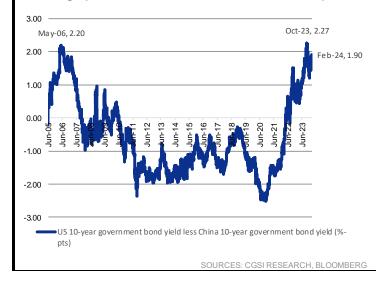
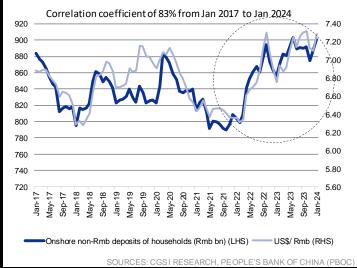




Figure 9: There is a clear strong correlation between onshore non-Rmb household deposits and the US\$/Rmb exchange rate since the start of 2017

Figure 10: The correlation coefficient between onshore non-Rmb deposits and the US\$/Rmb exchange rate was the highest during the height of the Covid-19 pandemic when the mainland China travel border was closed



Correlation coefficient between onshore non-Rmb deposits and the US\$/ Rmb exchange rate

| deposits and the oow time exchange rate |
|---|
| 53% |
| 91% |
| 69% |
| 83% |
| |

BOC) SOURCES: CGSI RESEARCH, WIND, PEOPLE'S BANK OF CHINA (PBOC), BLOOMBERG



Figure 11: There has been a marked shift from onshore China non-Rmb deposits to placing US\$ funds in HK for mainland Chinese visitors (MCV) in the 3 years pre-Covid-

| | Change in onshore non-Rmb household deposits for mainland Chinese (Rmb bn) | MCV insurance premiums during period (Rmb bn) | Change in onshore non- Rmb household deposits for mainland Chinese plus MCV insurance premiums (Rmb bn) | Percentage mix to MCV insurance | US\$/Rmb |
|-----------|--|---|---|---------------------------------------|----------|
| 2015 | 140 | 26 | 166 | 16% | 6.49 |
| 2016 | 293 | 63 | 356 | 18% | 6.95 |
| 2017 | -60 | 44 | -16 | -274% | 6.51 |
| 2018 | 24 | 40 | 64 | 63% | 6.88 |
| 2019 | -16 | 38 | 23 | 168% | 6.96 |
| 2020 | 14 | 6 | 20 | 31% | 6.53 |
| 2021 | -32 | 1 | -31 | -2% | 6.36 |
| 2022 | 56 | 2 | 58 | 3% | 6.90 |
| 2023 | 25 | 54 | 79 | 68% | 7.10 |
| of which: | | | | | |
| 1Q23 | 19 | 8 | 27 | 31% | 6.87 |
| 2Q23 | 20 | 21 | 41 | 51% | 7.25 |
| 3Q23 | -13 | 14 | 1 | 1568% | 7.30 |
| 4Q23 | -1 | 11 | 10 | 107% | 7.32 |

The changes above are yoy for annual periods, hoh for half-yearly periods, and qoq for quarterly periods

Figure 12: There has been a more pronounced fall in non-Rmb deposits over Feb-Dec 2023 for the Tier 1 cities (Shenzhen & Guangzhou) closer to HK

| | Shenzhen | Guangzhou | Beijing S | hanghai | Fujian | Chongqing | Nationwide | |
|---------------------|----------|-----------|-----------|---------|--------|-----------|------------|--|
| Percentage change | -11% | -14% | 4% | 4% | -4% | 0% | 4% | |
| in non-Rmb deposits | | | | | | | | |
| over Feb - Dec 2023 | | | | | | | | |
| | | | | | | | | |

SOURCES: CGSI RESEARCH, WIND, PEOPLE'S BANK OF CHINA (PBOC)

Figure 13: The sizeable US\$11.6bn buildup of onshore non-Rmb household deposits over Sep 2019-Mar 2023 has already reversed by US\$4.8bn after HK/China's border reopening. We think a large portion went to HK MCV insurance sales

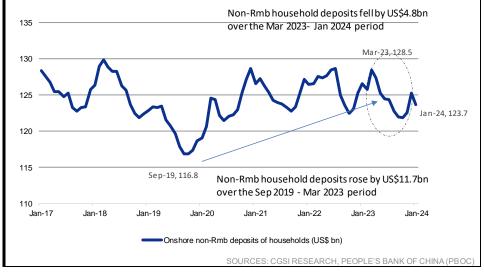




Figure 14: A summary of the advertised board rate cuts to Rmb deposits by China's big four banks plus BOCOM and CMB on their websites as of Jun 2023, Sep 2023 and Dec 2023. We believe China banks also cut their US\$ deposit rates in Jul 2023

| | Dec 2023 rate | Dec 2023 change | Sep 2023 change | Jun 2023 change |
|-----------------------|---------------|--------------------|----------------------|------------------|
| Demand deposits | 0.20% | 0bp | 0bp | -5bp |
| 3-month time deposits | 1.15% | -10bp | 0bp | 0bp |
| 6-month time deposits | 1.35% | -10bp | 0bp | 0bp |
| 1-year time deposits | 1.45% | -10bp | -10bp | 0bp |
| 2-year time deposits | 1.65% | -20bp | -20bp | -10bp |
| 3-year time deposits | 1.95% | -25bp | -25bp | -15bp |
| 5-year time deposits | 2.00% | -25bp | -25bp | -15bp |
| | | SOURCES: CGSI RESE | ARCH, CHINA BANKS' (| COMPANY WEBSITES |

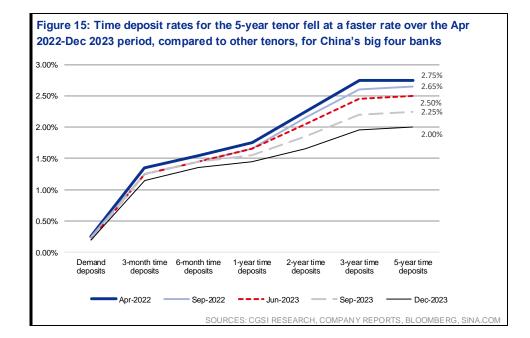


Figure 16: Comparing the ratio of 2023's and Jan 2024 monthly mainland Chinese visitors (MCV) vs. 2018 monthly MCV (i.e. 2023 monthly MCV over 2018 monthly MCV) for each individual months where we compare each month in 2023 to the corresponding month in 2018 (i.e. Jan 2023 vs. Jan 2018, Feb 2023 vs. Feb 2018, etc.)

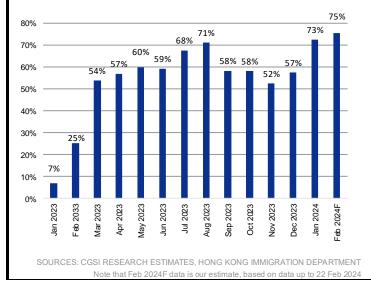


Figure 17: Monthly visitors from mainland China to HK (millions) since Sep 2023 have shown an encouraging and clear upward trend

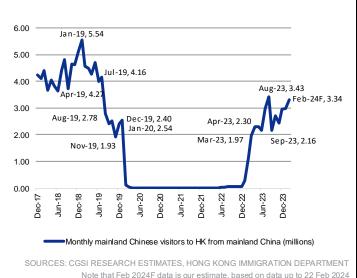
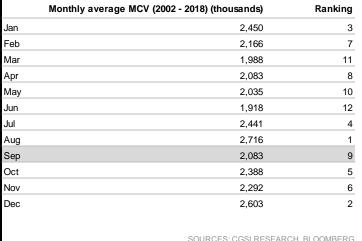
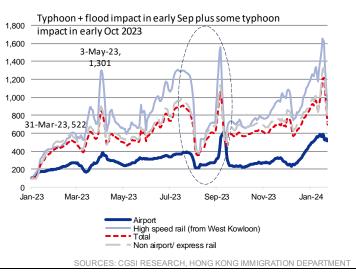




Figure 18: There is clear seasonality between months for mainland Chinese visitors (MCV), in terms of monthly average MCV (thousands), based on data over the 2002-2018 period

Figure 19: MCV arrivals (7-day rolling) via the high-speed rail in West Kowloon have grown strongly since the end of Jan 2023 (base of 100 as of 31 Jan 2023)

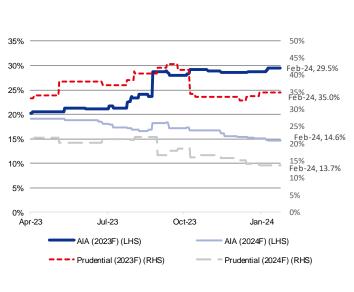




SOURCES: CGSI RESEARCH, BLOOMBERG

Figure 20: A comparison of Bloomberg consensus forecasts and CGSI Research forecasts for AIA and Prudential's value of new business (VONB) growth yoy as of 23 Feb 2024

Figure 21: Bloomberg consensus is forecasting a marked slowdown in value of new business (VONB) growth for both AIA and Prudential in FY24F yoy vs. FY23F



SOURCES: CGSI RESEARCH, BLOOMBERG

| Figure 22: Manu | life saw a 4Q23 qoq rise in its numbe | er of agents | | | |
|-----------------|---------------------------------------|---------------|-----------|--------|--------|
| | Dec-20 Jun-21 Dec-2 | 1 Jun-22 Dec- | 22 Jun-23 | Sen-23 | Dec-23 |

| | Dec-20 | Jun-21 | Dec-21 | Jun-22 | Dec-22 | Jun-25 | Sep-25 | Dec-25 | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Number of AIA HK & Macau agents ('000) | 20.00 | 20.00 | 19.00 | 17.00 | 18.00 | 17.00 | 16.00 | n.a. | |
| Number of Pru HK agents ('000) | 24.80 | 25.00 | 21.58 | 20.00 | 20.00 | 19.30 | n.a. | n.a. | |
| Number of Manulife HK agents ('000) | 10.71 | 10.20 | 11.65 | 11.48 | 11.70 | 10.59 | 10.52 | 10.59 | |
| SOURCES: CGSI RESEARCH, COMPANY REPORTS | | | | | | | | | |

Bloomberg consensus VONB growth forecasts

FY23F

FY24F

FY25F

| | AIA | Prudential |
|----------------------------------|----------------|------------|
| FY23F | 29% | 35% |
| FY24F | 15% | 14% |
| FY25F | 15% | 9% |
| CGSI VONB growth forecasts | | |
| FY23F | 32% | 36% |
| FY24F | 26% | 28% |
| FY25F | 21% | 18% |
| Bloomberg consensus VONB forec | casts (US\$ m) | |
| FY23F | 4,003 | 2,948 |
| FY24F | 4,587 | 3,354 |
| FY25F | 5,282 | 3,640 |
| CGSI VONB forecasts (US\$ m) | | |
| FY23F | 4,082 | 2,973 |
| FY24F | 5,151 | 3,797 |
| FY25F | 6,233 | 4,497 |
| CGSI deviation from consensus (% | b) | |

2%

12%

18%

SOURCES: CGSI RESEARCH ESTIMATES, BLOOMBERG, COMPANY REPORTS

1%

13%

24%



8%

Figure 23: Since Apr 2022, the number of monthly HK life insurance agents had been falling yoy at a pace that has not been seen in at least 18 years, though this is showing signs of changing in recent months



Dec-19, 5.7% 6% Aug-19, 4.5% Nov-14. 4.2% 4% lan-21 1 4% 2% Dec-23, 1.1% Nov-23, 1.2% 0% Jan-24, -0.2% -2% Jan-17. -2.6% -4% Jun-23, -4.0% Twenty eight out of the last twenty nine months up to end-Aug-2023 had agent -6% numbers flat or falling month-on-month (mom) -8% Growth mom of insurance agents in HK (rebased)

Figure 24: 28 out of the 29 months up to end-Aug 2023 had

since Oct 2023 has clearly been better than earlier months

agent numbers staying flat or falling mom. Monthly agent data

SOURCES: CGS1 RESEARCH, INSURANCE AUTHORITY (IA), HONG KONG FEDERATION OF

Figure 25: Insurance agent numbers in HK and yoy growth since 2000 (both life and general insurance)

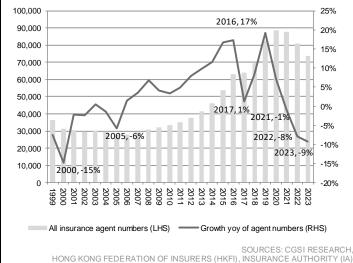


Figure 26: HK insurance agent recruitment targets announced by AIA, Prudential and Manulife in early-mid 2023 for 2023

| | Targets |
|------------|---|
| AIA | Add 5,000 financial planners to its workforce in 2023 |
| Prudential | Add 2,000 advisers to its team in 2023 |
| Manulife | Hire 3,000 agent before end-2023 |
| | |
| | |

Figure 27: HK agent annual new premium (ANP) per average agent had fallen the most for AIA and Pru over the 2018-2022 period, which we think suggests that the agent productivity of these two insurers were most hurt by Covid-19

Figure 28: Number of 'Million Dollar Round Table' (MDRT) agents in Hong Kong (HK): comparing the 2022 performance year vs. the 2018 performance year - AIA, Prudential and Axa saw the biggest falls

| (HK\$) | 2018 | 2019 | 2020 | 2021 | 2022 | 2022 vs 2018 | | MDRT agent number fall in 2022 versus 2018 | 2022 HK MDRT agent numbers |
|----------|----------|-------------|-------------|------------|-------------|-----------------|------------|---|-------------------------------|
| | | | | | | change | AIA | -39% | 2,443 |
| AIA | 822,064 | 766,181 | 346,325 | 326,886 | 300,188 | -63% | Prudential | -82% | 743 |
| Pru | 689,678 | 554,555 | 175,735 | 114,031 | 108,063 | -84% | Аха | -50% | 381 |
| Manulife | 420,970 | 428,424 | 374,096 | 360,773 | 248,786 | -41% | Manulife | 19% | 1,393 |
| FWD | 398,658 | 480,930 | 354,984 | 318,627 | 187,202 | -53% | FWD | -4% | 388 |
| | SOURCES: | CGSI RESEAF | RCH, COMPAN | Y REPORTS, | INSURANCE A | UTHORITY | SOURCES | CGSI RESEARCH, MILLION DOLLAR ROUND | TABLE (MDRT) ORGANISATION |

8



Figure 29: Average MCV insurance case sizes (regular premiums Figure 30: Average policy size in the agent and broker channels vs. single premiums) (HK\$)

for selected insurers

| (HK\$) | Regular premium | Single premium | All policies | (HK\$) | AIA | Pru | Manulife | FWD | System |
|------------------|-----------------|--------------------|------------------|-----------------|-----------|--------------|--------------|------------|-------------|
| | policies | policies | | 3Q23 | | | | | |
| 2006 | 50,941 | 723,219 | 131,752 | Agent channel | | | | | |
| 2007 | 56,154 | 892,619 | 183,634 | Regular premium | 49,675 | 76,955 | 26,504 | 23,470 | 49,125 |
| 2008 | 56,950 | 821,607 | 119,212 | Single premium | 603,113 | 286,871 | 548,964 | 661,727 | 495,846 |
| 2009 | 64,083 | 850,650 | 90,467 | Broker channel | 000,110 | 200,071 | 040,004 | 001,727 | 400,040 |
| 2010 | 70,832 | 1,175,066 | 96,520 | Regular premium | 192,659 | 276,463 | 372,281 | 134,987 | 293,962 |
| 2011 | 71,343 | 1,876,693 | 96,958 | Single premium | 1,889,715 | 3,035,842 | 9,479,546 | | 5,438,319 |
| 2012 | 73,727 | 3,133,138 | 118,925 | | 1,009,713 | 3,033,042 | 3,473,340 | 3,701,320 | 3,430,319 |
| 2013 | 73,232 | 4,170,145 | 138,084 | 2Q23 | | | | | |
| 2014 | 73,153 | 5,049,491 | 152,596 | Agent channel | | | | | |
| 2015 | 75,415 | 3,875,420 | 128,679 | Regular premium | 56,133 | 97,717 | 29,834 | 21,950 | 59,215 |
| 2016 | 105,836 | 2,803,353 | 177,055 | Single premium | 571,323 | 453,879 | 460,078 | 914,086 | 515,083 |
| 2017 | 84,156 | 2,562,124 | 124,104 | Broker channel | | | | | |
| 2018 | 82,717 | 1,986,939 | 102,597 | Regular premium | 213,478 | 349,930 | 381,797 | 173,161 | 303,290 |
| 2019 | 104,930 | 1,953,732 | 125,732 | Single premium | 1,514,046 | 1,586,229 | 10,510,905 | 3,200,673 | 6,984,450 |
| 2020 | 173,751 | 3,632,158 | 232,730 | 1Q23 | | | | | |
| 2021 | 80,797 | 1,866,108 | 155,454 | Agent channel | | | | | |
| 2022 | 158,764 | 4,269,829 | 358,885 | Regular premium | 52,296 | 92,565 | 30,005 | 33,308 | 52,892 |
| 1Q23 | 186,553 | 3,015,042 | 278,606 | Single premium | 508,011 | 453,821 | 396,786 | 1,132,590 | 476,595 |
| 2Q23 | 218,353 | 4,547,735 | 397,175 | Broker channel | ,- | /- | , | , - , | -, |
| 3Q23 | 212,827 | 2,907,414 | 290,504 | Regular premium | 189,226 | 261,882 | 307,647 | 56,949 | 213,271 |
| 9M23 | 208,599 | 3,703,817 | 329,730 | Single premium | 1,948,778 | 615,955 | 11,932,919 | 3,170,879 | |
| 3Q23 qoq | -2.5% | -36.1% | -26.9% | FY19 | | | | | |
| Ratio of 3Q23 to | 2.6x | 1.5x | 2.8x | Agent channel | | | | | |
| 2018 | | | | Regular premium | 33,353 | 52,573 | 16,866 | 41,416 | 36,959 |
| Ratio of 9M23 to | 2.5x | 1.9x | 3.2x | Single premium | 596,248 | 587,942 | 486,752 | 2,681,395 | 557,242 |
| 2018 | | | | Broker channel | | | | | |
| | | | | Regular premium | 86,765 | 110,579 | 136,130 | 249,622 | 194,834 |
| | | | | Single premium | 7,544,287 | 900,132 | 12,544,185 | 3,957,602 | 5,825,995 |
| | | | | FY18 | | | | | |
| | | | | Agent channel | | | | | |
| | | | | Regular premium | 34,732 | 50,978 | 28,072 | 35,317 | 39,039 |
| | | | | Single premium | 557,691 | 611,973 | 432,716 | 1,756,726 | 503,388 |
| | | | | Broker channel | , - | , - | , - | , , - | , |
| | | | | Regular premium | 75,817 | 100,158 | 40,761 | 218,532 | 121,137 |
| | | | | Single premium | 9,173,073 | 814,186 | 16,525,464 | 2,308,002 | 5,192,817 |
| | SOURCES: CGSI | RESEARCH, INSURANC | E AUTHORITY (IA) | - | SOL | JRCE: CGSI R | ESEARCH, INS | URANCE AUT | HORITY (IA) |



Figure 31: System mix of new business premiums (annualised new premium [ANP] weighted) by distribution channel, by quarter

Figure 32: System growth yoy of new business premiums (ANP weighted) by distribution channel, by quarter

| quarter | | | | | | | | | | | |
|---------|-------|----------------|---------------|-------------|-------|------|-----------------|----------------|-------------|------------|-------|
| | Agent | Bancassurance | Broker | Other | Total | | Agent | Bancassurance | Broker | Other | Total |
| 1Q18 | 27% | 54% | 18% | 1% | 100% | 1Q18 | -10% | 19% | -12% | 25% | 3% |
| 2Q18 | 33% | 50% | 16% | 1% | 100% | 2Q18 | 18% | 11% | 32% | 31% | 16% |
| 3Q18 | 36% | 47% | 17% | 1% | 100% | 3Q18 | 15% | 4% | 41% | -24% | 13% |
| 4Q18 | 46% | 37% | 15% | 1% | 100% | 4Q18 | 22% | -5% | 15% | 14% | 9% |
| 1Q19 | 25% | 57% | 17% | 1% | 100% | 1Q19 | 14% | 34% | 16% | 110% | 26% |
| 2Q19 | 29% | 45% | 24% | 2% | 100% | 2Q19 | 26% | 31% | 117% | 290% | 45% |
| 3Q19 | 32% | 46% | 21% | 1% | 100% | 3Q19 | 2% | 11% | 46% | 123% | 15% |
| 4Q19 | 48% | 38% | 14% | 1% | 100% | 4Q19 | -16% | -16% | -26% | -45% | -18% |
| 1Q20 | 25% | 58% | 16% | 1% | 100% | 1Q20 | -37% | -37% | -42% | -19% | -37% |
| 2Q20 | 22% | 62% | 13% | 4% | 100% | 2Q20 | -62% | -32% | -73% | -20% | -50% |
| 3Q20 | 26% | 58% | 13% | 3% | 100% | 3Q20 | -43% | -10% | -57% | 99% | -29% |
| 4Q20 | 41% | 38% | 17% | 5% | 100% | 4Q20 | -37% | -26% | -10% | 355% | -26% |
| 1Q21 | 21% | 62% | 14% | 3% | 100% | 1Q21 | -15% | 6% | -11% | 95% | -1% |
| 2Q21 | 23% | 52% | 17% | 8% | 100% | 2Q21 | 9% | -15% | 35% | 123% | 2% |
| 3Q21 | 25% | 55% | 18% | 2% | 100% | 3Q21 | -8% | -10% | 28% | -38% | -5% |
| 4Q21 | 40% | 39% | 19% | 3% | 100% | 4Q21 | 8% | 14% | 24% | -39% | 11% |
| 1Q22 | 21% | 54% | 22% | 3% | 100% | 1Q22 | -28% | -36% | 15% | -25% | -27% |
| 2Q22 | 28% | 49% | 19% | 3% | 100% | 2Q22 | -12% | -31% | -22% | -71% | -28% |
| 3Q22 | 34% | 50% | 14% | 2% | 100% | 3Q22 | -19% | -47% | -54% | -41% | -41% |
| 4Q22 | 48% | 36% | 14% | 2% | 100% | 4Q22 | -30% | -48% | -58% | -58% | -43% |
| 1Q23 | 31% | 53% | 15% | 1% | 100% | 1Q23 | 124% | 50% | 4% | -32% | 53% |
| 2Q23 | 32% | 36% | 30% | 2% | 100% | 2Q23 | 134% | 47% | 224% | 32% | 105% |
| 3Q23 | 28% | 43% | 27% | 2% | 100% | 3Q23 | 91% | 98% | 357% | 90% | 131% |
| | | SOURCE: CGSI R | ESEARCH, INSU | JRANCE AUTH | | | SOURCE: CGSI RE | ESEARCH, INSUF | RANCE AUTHO | DRITY (IA) | |

Figure 33: Market share of the broker channel for HK individual annualised new premium (ANP)



SOURCES: CGSI RESEARCH, INSURANCE AUTHORITY (IA)

Figure 34: Market share of the broker channel in 9M23, 1H23 and 3Q23 (by HK ANP) vs. 2018 and 2016 (%)

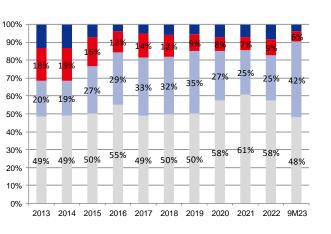
| No. Insurer | 9M23 | 1H23 | 3Q23 | 2018 | 2016 |
|----------------------|------|------|------|------|------|
| 1 AIA | 14.6 | 15.3 | 13.4 | 36.1 | 29.3 |
| 2 FT Life | 10.8 | 12.3 | 8.2 | 5.5 | 1.4 |
| 3 BOC Life | 10.6 | 8.6 | 14.3 | 2.6 | 2.4 |
| 4 Manulife | 9.8 | 10.4 | 8.6 | 2.7 | 0.8 |
| 9 Sun Life | 8.7 | 6.2 | 13.2 | 1.8 | 2.7 |
| 5 Axa | 8.4 | 9.6 | 6.3 | 4.7 | 2.8 |
| 6 Prudential | 8.0 | 7.9 | 8.1 | 4.2 | 12.2 |
| 8 China Life | 7.2 | 7.0 | 7.5 | 9.1 | 28.7 |
| 7 YF Life | 6.6 | 7.3 | 5.3 | 1.7 | 2.0 |
| 10 FWD | 5.7 | 5.6 | 5.8 | 4.6 | 3.5 |
| 11 TP Life | 2.5 | 3.7 | 0.4 | 13.6 | 3.8 |
| Total of 11 insurers | 92.8 | 93.8 | 91.0 | 86.6 | 89.6 |



Figure 35: Growth yoy of HK system's first-year premiums by premium-payment duration

| Figure 36: Premium duration structure of the HK life insurance |
|---|
| industry's regular premiums (new business) of its individual life |
| business |
| |

| | Single | <5 years | ≥5 but <10 yrs | ≥10 but <25 yrs | ≥25 yrs |
|------|--------|----------|----------------|-----------------|---------|
| 2016 | 19% | 79% | 78% | 19% | -10% |
| 2017 | -15% | -26% | -7% | -4% | 7% |
| 2018 | -7% | 13% | 10% | 1% | 29% |
| 2019 | -15% | 21% | 29% | -10% | 16% |
| 2020 | 18% | -31% | -52% | -49% | -25% |
| 2021 | 60% | 2% | -13% | -14% | 0% |
| 2022 | -6% | -41% | -37% | -24% | -28% |
| 1Q23 | -18% | 31% | 209% | 78% | -6% |
| 2Q23 | 8% | 52% | 445% | 68% | 21% |
| 3Q23 | -10% | 152% | 269% | 49% | 9% |
| 9M23 | -6% | 64% | 297% | 63% | 8% |
| | | | | | |



SOURCES: CGSI RESEARCH, INSURANCE AUTHORITY (IA)



SOURCES: CGSI RESEARCH, INSURANCE AUTHORITY (IA)

| Figure 37: Mix of life insurance products bought by mainland Chinese visitors (MCV) | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|
| in HK across time | | | | | | | | | | |
| (%) | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 1Q23 | 2Q23 | 3Q23 |

| (%) | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 1Q23 | 2Q23 | 3Q23 |
|--|-------|-------|-------|--------|--------|---------|---------|-------|--------|----------|
| Whole life | 53.2 | 58.3 | 58.0 | 55.6 | 45.2 | 48.5 | 69.7 | 83.2 | 83.0 | 82.4 |
| Endowment | 18.8 | 9.0 | 4.8 | 11.1 | 37.1 | 15.6 | 6.2 | 4.4 | 4.7 | 5.7 |
| Universal life | 8.1 | 7.9 | 9.9 | 12.4 | 6.1 | 6.3 | 5.5 | 2.6 | 2.0 | 1.8 |
| Term Life | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 |
| Medical | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 1.9 | 1.3 | 0.2 | 0.2 | 0.2 |
| Critical illness | 11.1 | 14.7 | 16.6 | 12.8 | 7.3 | 15.3 | 9.3 | 4.7 | 4.3 | 4.5 |
| Annuities | 0.6 | 0.9 | 1.6 | 6.5 | 2.8 | 2.2 | 3.9 | 4.1 | 5.2 | 4.8 |
| Other | 6.2 | 7.1 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Accident & sickness (medical) rider | 0.6 | 0.6 | 0.6 | 0.4 | 0.3 | 1.4 | 0.8 | 0.2 | 0.2 | 0.2 |
| Accident & sickness (non- medical) riders | 0.3 | 0.3 | 0.2 | 0.1 | 0.0 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |
| Riders other than accident & sickness | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 5.1 | 1.8 | 0.0 | 0.0 | 0.0 |
| Unit-linked | 0.7 | 0.8 | 0.9 | 0.6 | 0.4 | 3.4 | 1.2 | 0.4 | 0.4 | 0.4 |
| Total | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | | | S | OURCES | CGSI F | RESEARC | H, INSU | RANCE | AUTHOR | ITY (IA) |



Figure 38: Phrases of Implementation of Individual Visit Scheme (IVS) in HK since

| 2003 | | |
|----------------|--|---|
| Effective date | The 49 Cities where the IVS applies | Province/ Municipality |
| 28-Jul-03 | Dongguan, Foshan, Zhongshan & Jiangmen | Guangdong |
| 20-Aug-03 | Guangzhou, Shenzhen, Zhuhai & Huizhou | Guangdong |
| 1-Sep-03 | Beijing & Shanghai | Beijing & Shanghai |
| 1-Jan-04 | Shantou, Chaoshan, Meizhou, Zhaoqing, Qingyuan & Yunfu | Guangdong |
| 1-May-04 | Shanwei, Maoming, Zhanjiang, Yangjiang, Shaoguan, Jieyang & Heyuan | Open to the whole Guangdong Province |
| 1-Jul-04 | Fuzhou (only for urban district), Xiamen, Quanzhou | Fujian |
| 1-Jul-04 | Nanjing, Suzhou & Wuxi | Jiangsu |
| 1-Jul-04 | Hangzhou, Ningbo & Taizhou | Zhejiang |
| 1-Mar-05 | Tianjin, Chongqing (only for 15 counties) | Tianjin & Chongqing |
| 1-Nov-05 | Chengdu | Sichuan |
| 1-Nov-05 | Jinan | Shandong |
| 1-Nov-05 | Dalian & Shenyang | Liaoning |
| 1-May-06 | Nanchang | Jiangxi |
| 1-May-06 | Changsha | Hunan |
| 1-May-06 | Nanning | Guangxi |
| 1-May-06 | Haikou | Hainan |
| 1-May-06 | Guiyang | Guizhou |
| 1-May-06 | Kunming | Yunnan |
| 1-Jul-07 | Shijiazhuang | Hebei |
| 1-Jul-07 | Zhengzhou | Henan |
| 1-Jul-07 | Changchun | Jilin |
| 1-Jul-07 | Hefei | Anhui |
| 1-Jul-07 | Wuhan | Hubei |
| | SOURCES: CGSI RESE | EARCH, HONG KONG TOURISM BOARD |

Figure 39: A summary of key details of the Individual Visit Scheme (IVS)

No. Key points about the IVS

- 1 The Individual Visit Scheme (IVS) was first introduced in four Guangdong cities (Dongguan, Zhongshan, Jiangmen, Foshan) on 28 July 2003 as a liberalisation measure under the Closer Economic Partnership Arrangement (CEPA).
- 2 Over the 2003 2007 period, it was expanded to a total of 49 cities, including all cities in the Guangdong province.
- 3 The IVS allows residents of these cities to visit Hong Kong (HK) in their individual capacity, as opposed to only via a group tour or via a business visa.
- 4 This matters, as feedback from HK insurers indicates that Mainland Chinese Visitors (MCV) are more likely to buy HK insurance if they are NOT part of a group tour when they come to HK.
- 5 Under the IVS currently, Mainland China residents in 49 cities with permanent household registration are eligible to apply for the relevant exit endorsement from the relevant Mainland authorities.
- 6 The endorsement is valid for three months or one year and good for one or two visits to HK. The endorsement holder can stay in HK for not more than seven days on each visit. Eligible applicants may apply for a new endorsement once the current one has expired or has been used up. There is no quota on the number of endorsements to be issued. The simplicity of the IVS visa application process, relative to other visa applications, is a key advantage in encouraging MCV to HK in our view.
- 7 In April 2009, a one-year Individual Visit endorsement with multiple entries (M permit) was introduced by the mainland government. Eligible permanent residents from Shenzhen, holding this new visa, can visit Hong Kong and Macao for multiple times with a single endorsement. This new measure has made the trips of frequent visitors more convenient in our view
- 8 Due to concerns about parallel trading, the IVS scheme was revised to "one trip per week" Individual Visit Endorsements (instead of unlimited multiple trips previously) for Shenzhen residents within the 1-year IVS validity period, with this policy implemented on April 13, 2015.
- 9 According to the HK government, the majority of Mainland Chinese visit Hong Kong via the Individual Visit Scheme, accounting for 60 per cent of the overall Mainland visitor arrivals in 2023.
- 10 According to The Standard on 22 Jan 2024, Beijing has already agreed to expand the coverage of the IVS from the current 49 Mainland China cities, possibly to include more Tier 2 and Tier 3 cities and/or more Mainland China provinces, with an announcement expected over the next days to coincide with the HK and Macao Affairs Office director Xia Baolong's visit (which runs from 22 28 Feb 2024).

SOURCES: CGSI RESEARCH, THE STANDARD, HONG KONG TOURISM BOARD, HONG KONG TOURISM COMMISSION, HONG KONG TOURISM BOARD, HONG KONG EDUCATION



DISCLAIMER

The content of this report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by and belongs to CGS. Reports relating to a specific geographical area are produced and distributed by the corresponding CGS entity as listed in the table below.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.

By accepting this report, the recipient hereof represents and warrants that he is entitled to receive such report in accordance with the restrictions set forth below and agrees to be bound by the limitations contained herein (including the "Restrictions on Distributions" set out below). Any failure to comply with these limitations may constitute a violation of law. This publication is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of CGS.

The information contained in this research report is prepared from data believed to be correct and reliable at the time of issue of this report. CGS may or may not issue regular reports on the subject matter of this report at any frequency and may cease to do so or change the periodicity of reports at any time. CGS has no obligation to update this report in the event of a material change to the information contained in this report. CGS does not accept any obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant, (ii) ensure that the content of this report constitutes all the information a prospective investor may require, (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, CGS, its affiliates and related persons including CGS International Holdings Limited ("CGI") and its related corporations (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof. In particular, CGS disclaims all responsibility and liability for the views and opinions set out in this report.

Unless otherwise specified, this report is based upon sources which CGS considers to be reasonable. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research.

Whilst every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of CGS or any of its affiliates (including CGI and its related corporations) to any person to buy or sell any investments.

CGS, its affiliates and related corporations (including CGI and its related corporations) and/or their respective directors, associates, connected parties and/or employees may own or have positions in securities of the company(ies) covered in this research report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities. Further, CGS, its affiliates and their respective related corporations (including CGI and its related corporations) do and seek to do business with the company(ies) covered in this research report and may from time to time act as market maker or have assumed an underwriting commitment in securities of such company(ies), may sell them to or buy them from customers on a principal basis and may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) as well as solicit such investment, advisory or other services from any entity mentioned in this report.

CGS or its affiliates (including CGI and its related corporations) may enter into an agreement with the company(ies) covered in this report relating to the production of research reports. CGS may disclose the contents of this report to the company(ies) covered by it and may have amended the contents of this report following such disclosure.

The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously. No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report. The analyst(s) who prepared this research report is prohibited from receiving any compensation, incentive or bonus based on specific investment banking transactions or for providing a specific recommendation for, or view of, a particular company. Information barriers and other arrangements may be established where necessary to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations and the research personnel involved in the preparation of this report may also participate in the solicitation of the businesses as described above. In reviewing this research report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request.

Reports relating to a specific geographical area are produced by the corresponding CGS entity as listed in the table below. The term "CGS" shall denote, where appropriate, the relevant entity distributing or disseminating the report in the particular jurisdiction referenced below, or, in every other case except as otherwise stated herein, CGS International Securities Pte. Ltd. and its affiliates, subsidiaries and related corporations.

| Country | CGS Entity | Regulated by |
|-------------|--|---|
| Hong Kong | CGS International Securities Hong Kong Limited | Securities and Futures Commission Hong Kong |
| Indonesia | PT CGS International Sekuritas Indonesia | Financial Services Authority of Indonesia |
| Malaysia | CGS-CIMB Securities Sdn. Bhd. | Securities Commission Malaysia |
| Singapore | CGS International Securities Singapore Pte. Ltd. | Monetary Authority of Singapore |
| South Korea | CGS International Securities Hong Kong Limited, Korea Branch | Financial Services Commission and Financial Supervisory Service |
| Thailand | CGS International Securities (Thailand) Co. Ltd. | Securities and Exchange Commission Thailand |

Other Significant Financial Interests:

(i) As of February 14, 2024 CGS has a proprietary position in the securities (which may include but not be limited to shares, warrants, call warrants



and/or any other derivatives) in the following company or companies covered or recommended in this report:

(a) -

(ii) Analyst Disclosure: As of February 23, 2024, the analyst(s) who prepared this report, and the associate(s), has / have an interest in the securities (which may include but not be limited to shares, warrants, call warrants and/or any other derivatives) in the following company or companies covered or recommended in this report:

(a) -

This report does not purport to contain all the information that a prospective investor may require. Neither CGS nor any of its affiliates (including CGI and its related corporations) make any guarantee, representation or warranty, express or implied, as to the adequacy, accuracy, completeness, reliability or fairness of any such information and opinion contained in this report. Neither CGS nor any of its affiliates nor their related persons (including CGI and its related corporations) shall be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

This report is general in nature and has been prepared for information purposes only. It is intended for circulation amongst CGS's dients generally and does not have regard to the specific investment objectives, financial situation and the particular needs of any specific person who may receive this report. The information and opinions in this report are not and should not be construed or considered as an offer, recommendation or solicitation to buy or sell the subject securities, related investments or other financial instruments or any derivative instrument, or any rights pertaining thereto.

Investors are advised to make their own independent evaluation of the information contained in this research report, consider their own individual investment objectives, financial situation and particular needs and consult their own professional and financial advisers as to the legal, business, financial, tax and other aspects before participating in any transaction in respect of the securities of company(ies) covered in this research report.

The securities of such company(ies) may not be eligible for sale in all jurisdictions or to all categories of investors.

Restrictions on Distributions

Australia: Despite anything in this report to the contrary, this research is provided in Australia by CGS International Securities Singapore Pte. Ltd. ("CGS SG") and CGS International Securities Hong Kong Limited ("CGS HK"). This research is only available in Australia to persons who are "wholesale clients" (within the meaning of the Corporations Act 2001 (Cth) and is supplied solely for the use of such wholesale clients". This research is of a general nature only and has been prepared without taking into account the objectives, financial situation or needs of the individual recipient. CGS SG and CGS HK do not hold, and are not required to hold an Australian financial services license. CGS SG and CGS HK rely on "passporting" exemptions for entities appropriately licensed by the Monetary Authority of Singapore (under ASIC Class Order 03/1102) and the Securities and Futures Commission in Hong Kong (under ASIC Class Order 03/1103).

Canada: This research report has not been prepared in accordance with the disclosure requirements of Dealer Member Rule 3400 – Research Restrictions and Disclosure Requirements of the Investment Industry Regulatory Organization of Canada. For any research report distributed by CIBC, further disclosures related to CIBC conflicts of interest can be found at https://researchcentral.cibcwm.com.

China: For the purpose of this report, the People's Republic of China ("PRC") does not include the Hong Kong Special Administrative Region, the Macau Special Administrative Region or Taiwan. The distributor of this report has not been approved or licensed by the China Securities Regulatory Commission or any other relevant regulatory authority or governmental agency in the PRC. This report contains only marketing information. The distribution of this report is not an offer to buy or sell to any person within or outside PRC or a solicitation to any person within or outside of PRC to buy or sell any instruments described herein. This report is being issued outside the PRC to a limited number of institutional investors and may not be provided to any person other than the original recipient and may not be reproduced or used for any other purpose.

France: Only qualified investors within the meaning of French law shall have access to this report. This report shall not be considered as an offer to subscribe to, or used in connection with, any offer for subscription or sale or marketing or direct or indirect distribution of financial instruments and it is not intended as a solicitation for the purchase of any financial instrument.

Germany: This report is only directed at persons who are professional investors as defined in sec 31a(2) of the German Securities Trading Act (WpHG). This publication constitutes research of a non-binding nature on the market situation and the investment instruments cited here at the time of the publication of the information.

The current prices/yields in this issue are based upon closing prices from Bloomberg as of the day preceding publication. Please note that neither the German Federal Financial Supervisory Agency (BaFin), nor any other supervisory authority exercises any control over the content of this report.

Hong Kong: This report is issued and distributed in Hong Kong by CGS HK which is licensed in Hong Kong by the Securities and Futures Commission for Type 1 (dealing in securities) and Type 4 (advising on securities) activities. Any investors wishing to purchase or otherwise deal in the securities covered in this report should contact the Head of Sales at CGS HK. The views and opinions in this research report are our own as of the date hereof and are subject to change. If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such recipient therein are unaffected. CGS HK has no obligation to update its opinion or the information in this research report.

This publication is strictly confidential and is for private circulation only to clients of CGS HK.

CHK does not make a market on other securities mentioned in the report.

None of the analyst(s) or the associates serve as an officer of the listed corporation mentioned in this report.

CIMB does not have an officer serving in any of the listed corporation mentioned in this report

CIMB does not receive any compensation or other benefits from any of the listed corporation mentioned, relating to the production of research reports.

Indonesia: This report is issued and distributed by PT CGS International Sekuritas Indonesia ("CGS ID"). The views and opinions in this research report are our own as of the date hereof and are subject to change. CGS ID has no obligation to update its opinion or the information in this research report. This report is for private circulation only to clients of CGS ID. Neither this report nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens wherever they are domiciled or to Indonesian residents except in compliance with applicable Indonesian capital market laws and regulations.



This research report is not an offer of securities in Indonesia. The securities referred to in this research report have not been registered with the Financial Services Authority (Otoritas Jasa Keuangan) pursuant to relevant capital market laws and regulations, and may not be offered or sold within the territory of the Republic of Indonesia or to Indonesian citizens through a public offering or in circumstances which constitute an offer within the meaning of the Indonesian capital market law and regulations.

Ireland: CGS is not an investment firm authorised in the Republic of Ireland and no part of this document should be construed as CGS acting as, or otherwise claiming or representing to be, an investment firm authorised in the Republic of Ireland.

Malaysia: This report is distributed in Malaysia by CGS-CIMB Securities Sdn. Bhd. ("CGS-CIMB Malaysia") solely for the benefit of and for the exclusive use of our clients. Recipients of this report are to contact CGS-CIMB Malaysia, at Level 29, Menara Aras Raya, No. 11, Jalan Raja Laut, 50350 Kuala Lumpur, Malaysia, in respect of any matters arising from or in connection with this report. CGS-CIMB Malaysia has no obligation to update, revise or reaffirm its opinion or the information in this research report after the date of this report.

New Zealand: In New Zealand, this report is for distribution only to persons who are wholesale clients pursuant to section 5C of the Financial Advisers Act 2008.

Singapore: This report is issued and distributed by CGS SG. CGS SG is a capital markets services licensee under the Securities and Futures Act 2001. Accordingly, it is exempted from the requirement to hold a financial adviser's licence under the Financial Advisers Act, 2001 ("FAA") for advising on investment products, by issuing or promulgating research analyses or research reports, whether in electronic, print or other form. CGS SG is subject to the applicable rules under the FAA unless it is able to avail itself to any prescribed exemptions.

Recipients of this report are to contact CGS SG, 10 Marina Boulevard, Marina Bay Financial Centre Tower 2, #09-01, Singapore 018983 in respect of any matters arising from, or in connection with this report. CGS SG has no obligation to update its opinion or the information in this research report. This publication is strictly confidential and is for private circulation only. If you have not been sent this report by CGS SG directly, you may not rely, use or disclose to anyone else this report or its contents.

If the recipient of this research report is not an accredited investor, expert investor or institutional investor, CGS SG accepts legal responsibility for the contents of the report without any disclaimer limiting or otherwise curtailing such legal responsibility. If the recipient is an accredited investor, expert investor or institutional investor, the recipient is deemed to acknowledge that CGS SG is exempt from certain requirements under the FAA and its attendant regulations, and as such, is exempt from complying with the following:

(a) Section 34 of the FAA (obligation to disclose product information);

(b) Section 36 (duty not to make recommendation with respect to any investment product without having a reasonable basis where you may be reasonably expected to rely on the recommendation) of the FAA;

(c) MAS Notice on Information to Clients and Product Information Disclosure [Notice No. FAA-N03];

(d) MAS Notice on Recommendation on Investment Products [Notice No. FAA-N16];

(e) Section 45 (obligation on disclosure of interest in specified products), and

(f) any other laws, regulations, notices, directive, guidelines, circulars and practice notes which are relates to the above, to the extent permitted by applicable laws, as may be amended from time to time, and any other laws, regulations, notices, directive, guidelines, circulars, and practice notes as we may notify you from time to time. In addition, the recipient who is an accredited investor, expert investor or institutional investor acknowledges that as CGS SG is exempt from Section 36 of the FAA, the recipient will also not be able to file a civil claim against CGS SG for any loss or damage arising from the recipient's reliance on any recommendation made by CGS SG which would otherwise be a right that is available to the recipient under Section 36 of the FAA.

CGS SG, its affiliates and related corporations, their directors, associates, connected parties and/or employees may own or have positions in specified products of the company(ies) covered in this research report or any specified products related thereto and may from time to time add to or dispose of, or may be materially interested in, any such specified products. Further, CGS SG, its affiliates and its related corporations do and seek to do business with the company(ies) covered in this research report and may from time to time act as market maker or have assumed an underwriting commitment in specified products of such company(ies), may sell them to or buy them from customers on a principal basis and may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) as well as solicit such investment, advisory or other services from any entity mentioned in this report.

CGS SG does not make a market on other specified products mentioned in the report.

South Korea: This report is issued and distributed in South Korea by CGS International Securities Hong Kong Limited, Korea Branch ("CGS KR") which is licensed as a cash equity broker, and regulated by the Financial Services Commission and Financial Supervisory Service of Korea. In South Korea, this report is for distribution only to professional investors under Article 9(5) of the Financial Investment Services and Capital Market Act of Korea ("FSCMA").

Spain: This document is a research report and it is addressed to institutional investors only. The research report is of a general nature and not personalised and does not constitute investment advice so, as the case may be, the recipient must seek proper advice before adopting any investment decision. This document does not constitute a public offering of securities.

CGS is not registered with the Spanish Comision Nacional del Mercado de Valores to provide investment services.

Sweden: This report contains only marketing information and has not been approved by the Swedish Financial Supervisory Authority. The distribution of this report is not an offer to sell to any person in Sweden or a solicitation to any person in Sweden to buy any instruments described herein and may not be forwarded to the public in Sweden.

Switzerland: This report has not been prepared in accordance with the recognized self-regulatory minimal standards for research reports of banks issued by the Swiss Bankers' Association (Directives on the Independence of Financial Research).

Thailand: This report is issued and distributed by CGS International Securities (Thailand) Co. Ltd. ("CGS TH") based upon sources believed to be reliable (but their accuracy, completeness or correctness is not guaranteed). The statements or expressions of opinion herein were arrived at after due and careful consideration for use as information for investment. Such opinions are subject to change without notice and CGS TH has no obligation to update its opinion or the information in this research report.

Corporate Governance Report (CGR): (Thai CGR and Anti-Corruption of Thai Listed Companies - Click here)



The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an evaluation of operation and is not based on inside information.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date. CGS TH does not confirm nor certify the accuracy of such survey result.

| Score Range: | 90 - 100 | 80 - 89 | 70 - 79 | Below 70 | No Survey Result |
|--------------|-----------|-----------|---------|----------|------------------|
| Description: | Excellent | Very Good | Good | N/A | N/A |

United Arab Emirates: The distributor of this report has not been approved or licensed by the UAE Central Bank or any other relevant licensing authorities or governmental agencies in the United Arab Emirates. This report is strictly private and confidential and has not been reviewed by, deposited or registered with UAE Central Bank or any other licensing authority or governmental agencies in the United Arab Emirates. This report is being issued outside the United Arab Emirates to a limited number of institutional investors and must not be provided to any person other than the original recipient and may not be reproduced or used for any other purpose. Further, the information contained in this report is not intended to lead to the sale of investments under any subscription agreement or the conclusion of any other contract of whatsoever nature within the territory of the United Arab Emirates.

United Kingdom and European Economic Area (EEA): In the United Kingdom and European Economic Area, this material is also being distributed by CGS International Securities UK Ltd. ("CGS UK"). CGS UK is authorized and regulated by the Financial Conduct Authority and its registered office is at 53 New Broad Street, London EC2M 1JJ. The material distributed by CGS UK has been prepared in accordance with CGS's policies for managing conflicts of interest arising as a result of publication and distribution of this material. This material is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of CGS UK; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Order"), (c) fall within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc") of the Order; (d) are outside the United Kingdom subject to relevant regulation in each jurisdiction, material(all such persons together being referred to as "relevant persons"). This material is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this material relates is available only to relevant persons and will be engaged in only with relevant persons.

This material is categorised as non-independent for the purposes of CGS UK and therefore does not provide an impartial or objective assessment of the subject matter and does not constitute independent research. Consequently, this material has not been prepared in accordance with legal requirements designed to promote the independence of research and will not be subject to any prohibition on dealing ahead of the dissemination of research. Therefore, this material is considered a marketing communication.

United States: This research report is distributed in the United States of America by CGS International Securities USA, Inc, a U.S. registered brokerdealer and an affiliate of CGS-CIMB Malaysia, CGS SG, CGS ID, CGS TH and CGS HK and is distributed solely to persons who qualify as "U.S. Institutional Investors" as defined in Rule 15a-6 under the Securities and Exchange Act of 1934. This communication is only for Institutional Investors whose ordinary business activities involve investing in shares, bonds, and associated securities and/or derivative securities and who have professional experience in such investments. Any person who is not a U.S. Institutional Investor or Major Institutional Investor must not rely on this communication. The delivery of this research report to any person in the United States of America is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein. CGS International Securities USA, Inc. ("CGS US"), is a FINRA/SIPC member and takes responsibility for the content of this report. For further information or to place an order in any of the above-mentioned securities please contact a registered representative of CGS US.

CGS-CIMB Securities (USA) Inc. does not make a market on other securities mentioned in the report.

CGS US has not managed or co-managed a public offering of any of the securities mentioned in the past 12 months.

CGS US has not received compensation for investment banking services from any of the company mentioned in the past 12 months.

CGS US neither expects to receive nor intends to seek compensation for investment banking services from any of the company mentioned within the next 3 months.

United States Third-Party Disclaimer: If this report is distributed in the United States of America by Raymond James & Associates, Inc ("RJA"), this report is third-party research prepared for and distributed in the United States of America by RJA pursuant to an arrangement between RJA and CGS International Securities Pte. Ltd. ("CGSI"). CGSI is not an affiliate of RJA. This report is distributed solely to persons who qualify as "U.S. Institutional Investors" or as "Major U.S. Institutional Investors" as defined in Rule 15a-6 under the Securities and Exchange Act of 1934, as amended. This communication is only for U.S. Institutional Investors or Major U.S. Institutional Investor whose ordinary business activities involve investing in shares. bonds, and associated securities and/or derivative securities and who have professional experience in such investments. Any person who is not a U.S. Institutional Investor or Major U.S. Institutional Investor must not rely on this communication. The delivery of this report to any person in the U.S. is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein. If you are receiving this report in the U.S from RJA, a FINRA/SIPC member, it takes responsibility for the content of this report. For further information or to place an order above-mentioned securities please contact a registered representative of CGS in any of the US or RJA. https://raymondjames.com/InternationalEquityDisclosures

Other jurisdictions: In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is only for distribution to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.



| Distribution of stock ratings and investment banking clients for quarter ended on 31 December 2023 | | | | | |
|--|---|--|--|--|--|
| 636 companies under coverage for quarter ended on 31 December 2023 | | | | | |
| Rating Distribution (%) | Investment Banking clients (%) | | | | |
| 67.5% | 1.3% | | | | |
| 22.5% | 0.0% | | | | |
| 10.1% | 0.2% | | | | |
| | on 31 December 2023 Rating Distribution (%) 67.5% 22.5% | | | | |

| Recommendation | Framework |
|-----------------|--|
| Stock Ratings | Definition: |
| Add | The stock's total return is expected to exceed 10% over the next 12 months. |
| Hold | The stock's total return is expected to be between 0% and positive 10% over the next 12 months. |
| Reduce | The stock's total return is expected to fall below 0% or more over the next 12 months. |
| | urn of a stock is defined as the sum of the: (i) percentage difference between the target price and the current price and (ii) the forward net stock. Stock price targets have an investment horizon of 12 months. |
| Sector Ratings | Definition: |
| Overweight | An Overweight rating means stocks in the sector have, on a market cap-weighted basis, a positive absolute recommendation. |
| Neutral | A Neutral rating means stocks in the sector have, on a market cap-weighted basis, a neutral absolute recommendation. |
| Underweight | An Underweight rating means stocks in the sector have, on a market cap-weighted basis, a negative absolute recommendation. |
| Country Ratings | Definition: |
| Overweight | An Overweight rating means investors should be positioned with an above-market weight in this country relative to benchmark. |
| Neutral | A Neutral rating means investors should be positioned with a neutral weight in this country relative to benchmark. |
| Underweight | An Underweight rating means investors should be positioned with a below-market weight in this country relative to benchmark. |