CMB International Global Markets | Equity Research | Company Update

AIA Group Ltd. (1299 HK)

2H22 recovery in line; Upbeat trend in HK and mainland China in 2M23

AIA recorded 6% YoY growth of value of new business (VNB) in 2H22 on a constant FX rate (CER) basis, translating into 4.5% YoY VNB growth in 4Q22. The life insurer reported positive new business momentum across its major markets in 2H22, with 1) Mainland China's VNB growth turnaround to +3% YoY on a CER basis despite the negative impact from Omicron peak in Dec 2022, 2) 13% VNB growth of ASEAN business in 2H22 driven by multi-channel strategy, and 3) 5% YoY growth of HK VNB. During the analyst briefing, the management indicated that 1) the VNB growth of mainland visitors (MCV) business was strong in 2M23 as the border reopened; 2) despite the slight VNB decline of AIA China in Jan 2023 amid Omicron outbreaks, the new business momentum quickly bounced back to double digit in Feb and brought 2M23 China VNB growth to positive. The positive data of 2M23 reconfirm our view that AIA will record strong VNB recovery in FY23. Reiterate BUY.

- Upbeat trend in HK/China markets in 2M23. The management indicated that the VNB from MCV business in HK more than trebled in 2022, with strong momentum sustained into 2M23, as AIA has retained its premier agency with a MCV-specialized team of 6,800 agents, similar in scale to that of 2018, which enabled it to well capture the pent-up demands post the border reopening. In Mainland China, AIA saw double-digit VNB growth in Jul-Nov 2022. Despite an occasional interruption given resurgence of COVID cases in Dec 2022-Jan 2023, the new business momentum of AIA China immediately bounced back to double digit once again in Feb, turning the 2M23 VNB growth to positive.
- Overall positive impact from an adoption of IFRS 9 &17. As disclosed, under the IFRS 17, AIA's contractual service margin (CSM, notably a replacement of residual margin), amounted to US\$55bn as of 1 Jan 2022, edging up the comprehensive equity (book value + CSM) to an aggregate of US\$101bn. For P&L, the impact of new accounting rules adoption to OPAT would be trivial at less than 5%, while to FY22 NPAT would be more striking with at least US\$2bn higher than as reported. On B/S, the book value resulted from the new standard would be 7% lower than reported as of 1 Jan 2022, but higher in end-FY22.
- Sound capital position. If excluded the impact of US\$3.6bn share buybacks in 2022, the Group LCSM PCR cover ratio would stand at 296% by end FY22 (vs 291% pro forma a year ahead), bolstered by a robust free surplus generation. The LCSM cover ratio remained resilient amid capital market volatilities, with less than 6ppt sensitivity to ±50bps/±10% chg. in interest rate/equity price.
- Valuation. The stock is now trading at 1.5x P/EV FY24E, below a 2-year/5-year historical average P/EV at 1.7x/1.9x. Looking forward, we expect the uptick in HK and mainland China business will continue to underpin strong VNB growth for AIA throughout FY23. Reiterate BUY.

Earnings Summary

(YE 31 Dec)	FY21A	FY22A	FY23E	FY24E	FY25E
Net profit (US\$ mn)	7,427	282	7,442	8,266	9,198
EPS (Reported)(US\$)	0.62	0.02	0.64	0.73	0.83
Consensus EPS (US\$)	n.a	n.a	0.62	0.70	0.82
VNB/share (US\$)	0.32	0.26	0.32	0.38	0.45
YoY growth (%)	13.9	(18.5)	22.6	20.2	18.7
Group embedded value / share (US\$)	6.3	5.9	6.3	6.9	7.8
Premium income (US\$ mn)	34,444	33,912	40,016	47,219	55,719
Premium income growth (%)	3.3	(1.5)	18.0	18.0	18.0
P/B (x)	2.1	3.2	2.7	2.5	2.2
P/Embedded value (x)	1.6	1.8	1.6	1.5	1.3
Dividend yield (%)	1.7	1.9	2.1	2.4	2.6
ROE (%)	12.0	0.6	18.2	18.4	18.7

Source: Company data, Bloomberg, CMBIGM estimates | Note: the stock price was quoted by market close at 4:00pm on Mar.10, 2023.



BUY (Maintain)

Target Price

(Previous TP Up/Downside Current Price HK\$118.00 HK\$118.00) 44.7% HK\$81.55

China Insurance

Gigi CHEN, CFA (852) 3916 3739 gigichen@cmbi.com.hk

Nika MA

(852) 3900 0805 nikama@cmbi.com.hk

Stock Data

Mkt Cap (HK\$ mn)	951,675
Avg 3 mths t/o (HK\$ mn)	1,923.82
52w High/Low (HK\$)	93.70/57.25
Total Issued Shares (mn)	11,670
Source: FactSet	

Shareholding Structure

Bank of New York Mellon	10.23%
JPMorgan Chase & Co	8.04%
Source: Bloomberg	

Share Performance

••••••••••••		
	Absolute	Relative
1-mth	-2.7%	5.6%
3-mth	0.0%	-0.1%
6-mth	14.4%	11.1%
Source: FactSet		

12-mth Price Performance



Source: FactSet

Auditor: PricewaterhouseCoopers

Recent Reports:

1. AIA Group Ltd. (1299 HK) – Long-term growth intact, expect 2H22 recovery (<u>link</u>)

2. AIA Group Ltd. (1299 HK) – Pent-up demands to boost HK growth; Raise TP (link)



AIA VNB / VNB margin / ANP growth on AER and CER basis

	VNB YoY%		VNB margin		ANP YoY%	
Operating markets	AER basis	CER basis	AER basis	CER basis	AER basis	CER basis
AIA China	-17%	-15%	(9.4)ppt	(9.6)ppt	-6%	-4%
AIA HK	4%	4%	5.5 ppt	5.5 ppt	-3%	-3%
AIA Thailand	-4%	5%	(0.9)ppt	(0.9)ppt	-3%	6%
AIA Singapore	-2%	1%	1.0 ppt	0.8 ppt	-3%	-1%
AIA Malaysia	9%	15%	12.6 ppt	12.4 ppt	-10%	-5%
AIA Others	-18%	-12%	(5.7)ppt	(5.6)ppt	-3%	5%
Total	-8%	-5%	(2.3)ppt	(2.4)ppt	-4%	0%

Figure 1: AIA FY22 VNB / VNB margin / ANP growth on AER and CER basis

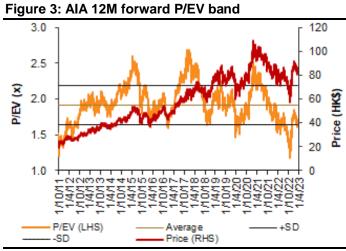
Source: Company data, CMBIGM

Figure 2: AIA 2H22 VNB / VNB margin / ANP growth on AER and CER basis

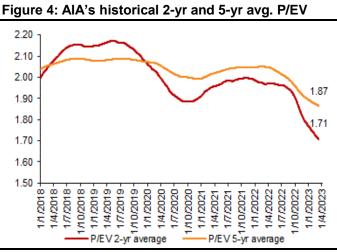
	VNB YoY%		VNB margin		ANP YoY%	
Operating markets	AER basis	CER basis	AER basis	CER basis	AER basis	CER basis
AIA China	-17%	-15%	(9.4)ppt	(9.6)ppt	-6%	-4%
AIA HK	4%	4%	5.5 ppt	5.5 ppt	-3%	-3%
AIA Thailand	-4%	5%	(0.9)ppt	(0.9)ppt	-3%	6%
AIA Singapore	-2%	1%	1.0 ppt	0.8 ppt	-3%	-1%
AIA Malaysia	9%	15%	12.6 ppt	12.4 ppt	-10%	-5%
AIA Others	-18%	-12%	(5.7)ppt	(5.6)ppt	-3%	5%
Total	-8%	-5%	(2.3)ppt	(2.4)ppt	-4%	0%

Source: Company data, CMBIGM

AIA trading band of 12M forward P/EV & Historical avg. P/EV



Source: Company data, CMBIGM estimates | Note: the stock price was quoted by market close at 4:00pm on Mar.10, 2023.



Source: Company data, CMBIGM estimates | Note: the stock price was quoted by market close at 4:00pm on Mar.10, 2023.



12.5%

9.2%

10.4%

17.4%

27.2%

FY22

14.1%

7.8%

9.8%

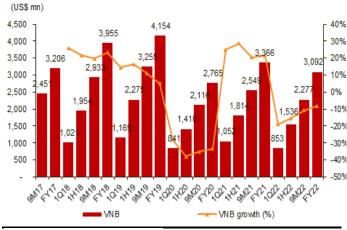
16.8%

30.6%

FY21

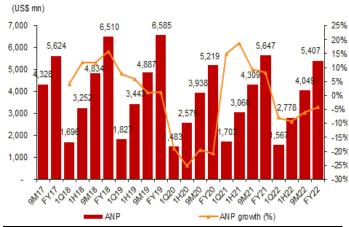
Focus Charts

Figure 5: AIA Group VNB & VNB growth (1Q17-FY22)



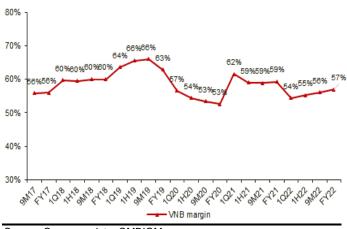
Source: Company data, CMBIGM

Figure 7: AIA Group ANP & ANP growth (1Q17-FY22)



Source: Company data, CMBIGM

Figure 9: AIA Group VNB margin (ANP basis, quarterly)



Source: Company data, CMBIGM



100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

10.4%

5.9

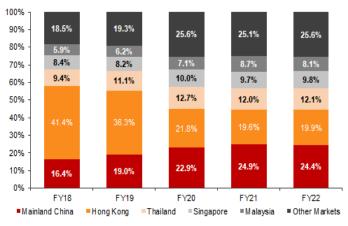
8.6%

10.7%

23.2%

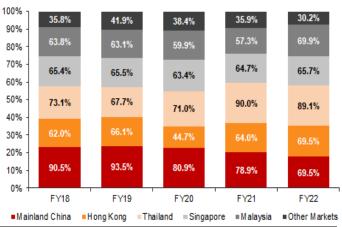
FY18

Figure 8: AIA Group ANP breakdown by countries



Source: Company data, CMBIGM

Figure 10: AIA Group VNB margin (ANP basis)



Source: Company data, CMBIGM

Mainland China Other Markets Hong Kong Thailand Singapore ■Malaysia Source: Company data, CMBIGM

Figure 6: AIA Group VNB breakdown by countries

16.8%

7.3%

10.8%

15.4%

31.7%

FY20

12.1%

5.8%

8.0%

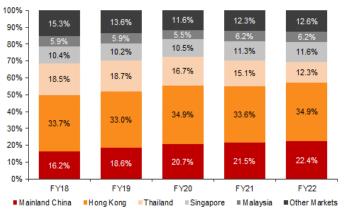
11.2%

26.4%

FY19

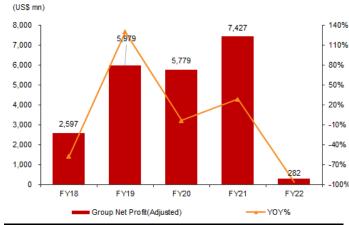


Figure 11: AIA: OPAT breakdown by countries



Source: Company data, CMBIGM





Source: Company data, CMBIGM

Figure 15: VNB Growth on AER & CER basis (adj.)

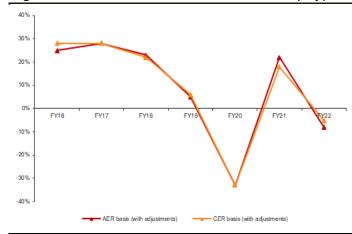


Figure 12: AIA Group OPAT & OPAT YoY%

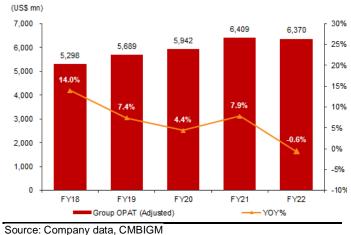
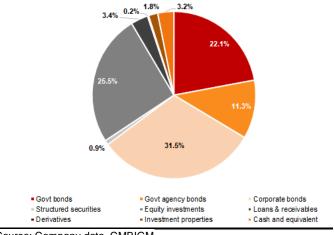
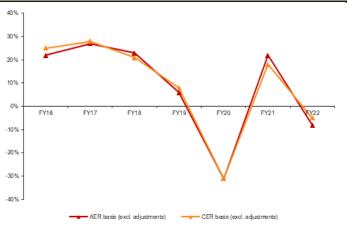


Figure 14: AIA Group Investment Portfolio in FY22



Source: Company data, CMBIGM

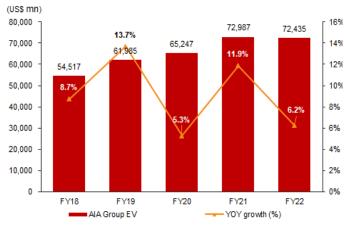
Figure 16: VNB Growth on AER & CER Basis (excl. adj.)

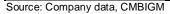


Source: Company data, CMBIGM

Source: Company data, CMBIGM







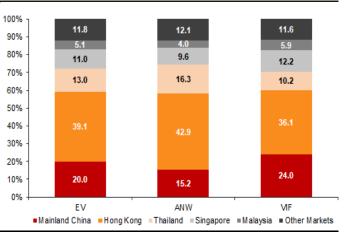
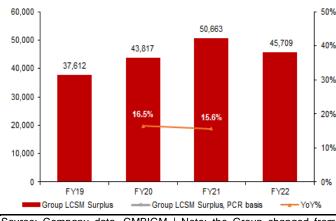


Figure 19: EV, ANW & VIF breakdown by countries

Source: Company data, CMBIGM

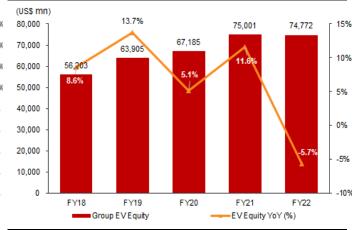
(US\$ mn)

Figure 21: AIA Group LCSM Surplus & YoY%

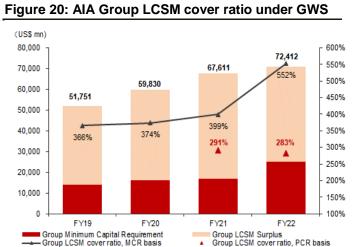


Source: Company data, CMBIGM | Note: the Group changed from minimum capital requirement (MCR) to prescribed capital requirement (PCR) under the LCSM in FY22; Group LCSM surplus in FY22 is on a PCR basis whereas the LCSM surplus in FY21 is on a MCR basis.

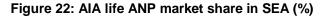
Figure 18: AIA Group EV Equity & EV Equity YoY%

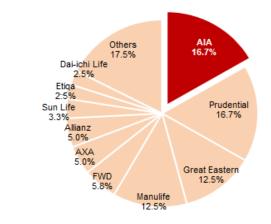


Source: Company data, CMBIGM



Source: Company data, CMBIGM | Note: LCSM stands for Local Capital Summation Method under the group-wide supervision (GWS) framework set by HKIA, where the new prescribed capital requirement (PCR) basis has been adopted since FY22.

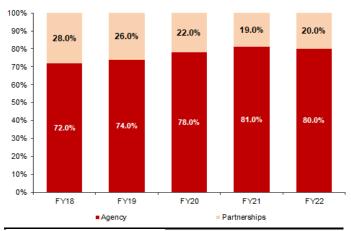




Source: Company data, CMBIGM, NMG; Note: Data subject to FY21, SEA markets refer to Thailand, Indonesia, Malaysia, the Philippines, Singapore and Vietnam, incl. most AIA Group's operating markets.

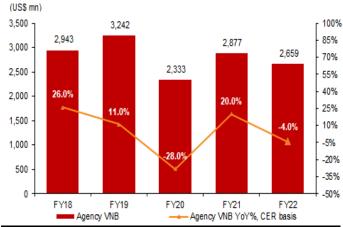


Figure 23: AIA distribution mix of agency and partnerships



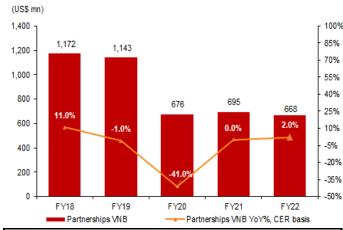
Source: Company data, CMBIGM

Figure 25: AIA Agency VNB & VNB YoY% (FY18-FY22)



Source: Company data, CMBIGM; | Note: CER stands for year-overyear change based on constant exchange rate, which calc. with average exchange rates within a period of time, thus excl. the impacts of FX movements.

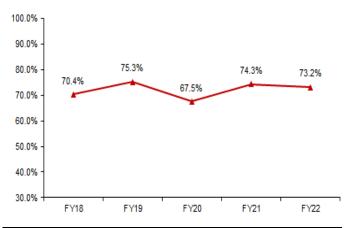




Source: Company data, CMBIGM; | Note: CER stands for year-overyear change based on constant exchange rate, which calc. with average exchange rates within a period of time, thus excl. the impacts of FX movements.

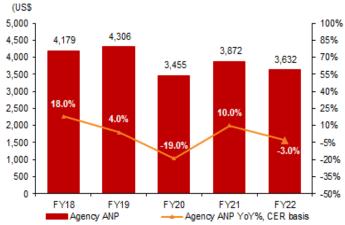


銀国



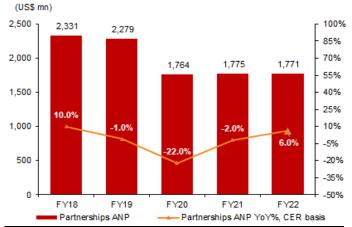
Source: Company data, CMBIGM | Note: the agency VNB margin is calc. on an ANP basis.

Figure 26: AIA Agency APE & APE YoY% (FY18-FY22)



Source: Company data, CMBIGM; | Note: CER stands for year-overyear change based on constant exchange rate, which calc. with average exchange rates within a period of time, thus excl. the impacts of FX movements.

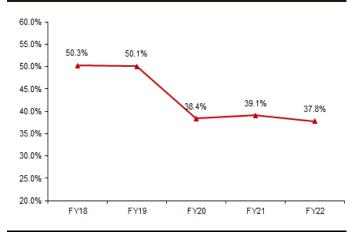




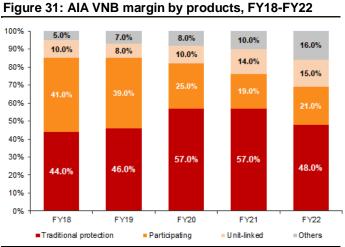
Source: Company data, CMBIGM; | Note: CER stands for year-overyear change based on constant exchange rate, which calc. with average exchange rates within a period of time, thus excl. the impacts of FX movements.



Figure 29: AIA Partnerships VNB margin, ANP basis

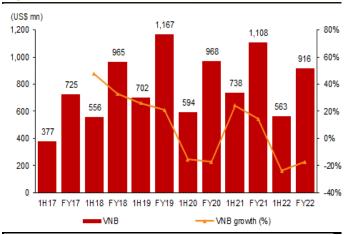


Source: Company data, CMBIGM



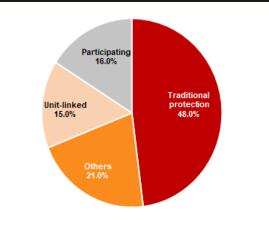
Source: Company data, CMBIGM

Figure 33: AIA China VNB & YoY (1Q17-FY22, semi-annual)



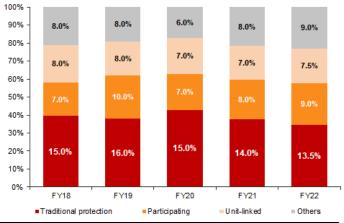
Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.

Figure 30: AIA VNB product mix in FY22



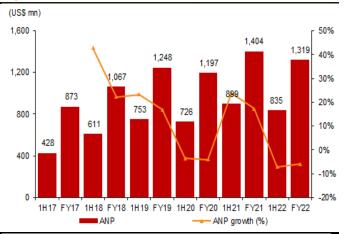
Source: Company data, CMBIGM





Source: Company data, CMBIGM

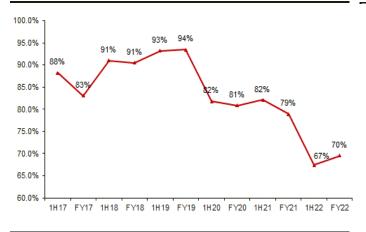




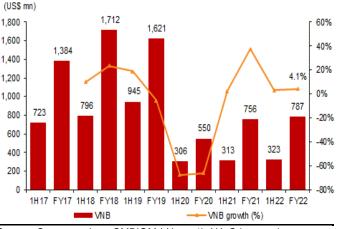
Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.



Figure 35: AIA China VNB margin (1Q17-FY22, semi-annual) Figure 36: AIA HK VNB & YoY (1Q17-FY22, semi-annual)

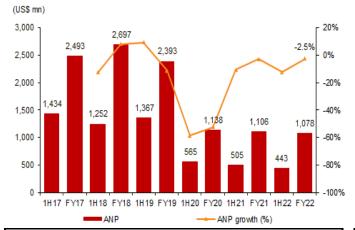


Source: Company data, CMBIGM

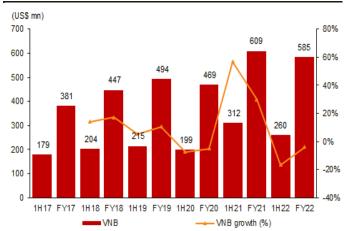


Source: Company data, CMBIGM | Note: 1) AIA Other markets covers geographical footprint in Australia, Cambodia, India, Indonesia, Myanmar, New Zealand, The Philippines, South Korea, Sri Lanka, Taiwan(China), Vietnam; 2) the year-over-year growth is derived on an actual exchange rate (AER) basis.

Figure 37: AIA HK ANP & YoY (1Q17-FY22, semi-annual)



Source: Company data, CMBIGM | Note: 1) AIA Other markets covers geographical footprint in Australia, Cambodia, India, Indonesia, Myanmar, New Zealand, The Philippines, South Korea, Sri Lanka, Taiwan(China), Vietnam; 2) the year-over-year growth is derived on an actual exchange rate (AER) basis.

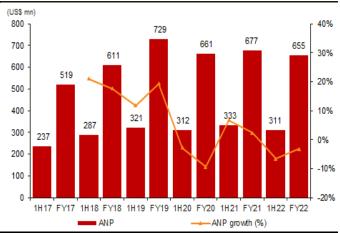


Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.

Figure38: AIA HK VNB margin (1Q17-FY22, semi-annual)



Source: Company data, CMBIGM | Note: 1) AIA Other markets covers geographical footprint in Australia, Cambodia, India, Indonesia, Myanmar, New Zealand, The Philippines, South Korea, Sri Lanka, Taiwan(China), Vietnam.

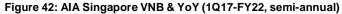


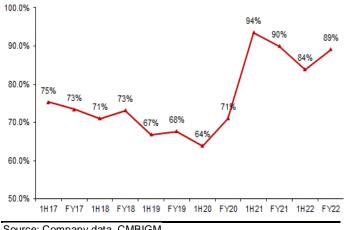
Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.

Figure 39: AIA Thailand VNB & YoY (1Q17-FY22, semi-annual) Figure 40: AIA Thailand ANP & YoY (1Q17-FY22, semi-annual)

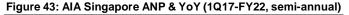


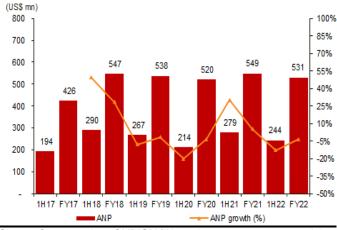






Source: Company data, CMBIGM





Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.

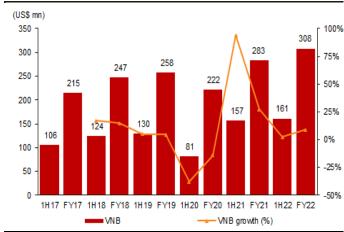
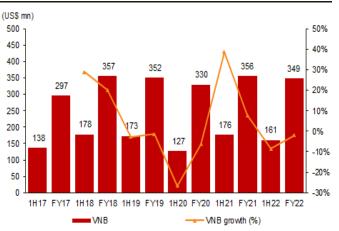
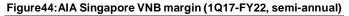


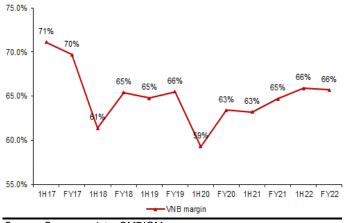
Figure 45: AIA Malaysia VNB & YoY (1Q17-FY22, semi-annual)

Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.

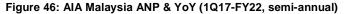


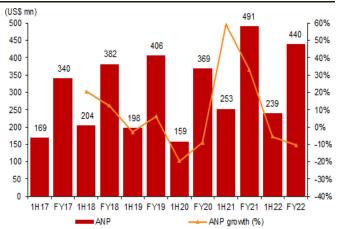
Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.





Source: Company data, CMBIGM

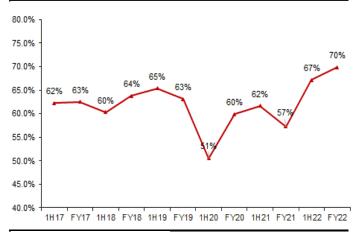




Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.

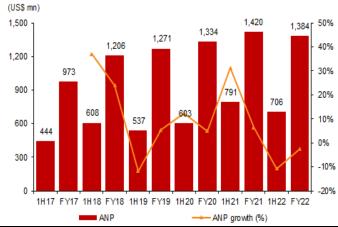


Figure47: AIA Malaysia VNB margin (1Q17-FY22, semi-annual)



Source: Company data, CMBIGM

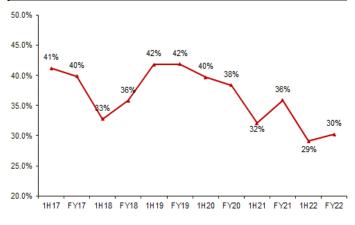
Figure 49: AIA Others ANP & YoY (1Q17-FY22, semi-annual)



Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.

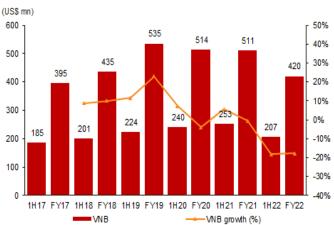
Source: Company data, CMBIGM | Note: the year-over-year growth is derived on an actual exchange rate (AER) basis.

Figure 50:AIA Others VNB margin (1Q17-FY22, semi-annual)



Source: Company data, CMBIGM

Figure 48: AIA Others VNB & YoY (1Q17-FY22, semi-annual)







Financial Summary

INCOME STATEMENT	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (US\$ mn)						
Total income	50,359	47,525	19,110	48,702	56,721	66,135
Premiums written (gross)	35,780	37,123	36,519	43,092	50,849	60,002
Premiums earned (net)	33,328	34,444	33,912	40,016	47,219	55,719
Investment income	16,707	12,748	(15,156)	8,332	9,147	10,062
Other operating income	324	333	354	354	354	354
Losses	(43,072)	(39,046)	(18,587)	(39,902)	(46,951)	(55,269)
Selling	(34,739)	(30,055)	(9,964)	(30,097)	(35,515)	(41,908)
Underwriting & commissions	(4,402)	(4,597)	(4,016)	(5,442)	(6,422)	(7,578)
Other operating expense	(3,012)	(3,402)	(3,644)	(3,359)	(3,964)	(4,677)
Non-opearting income (expense)	(919)	(992)	(963)	(1,004)	(1,051)	(1,106)
Equity in affiliates (pretax)	(17)	(11)	(32)	0	0	0
Excpl chrgs - others	0	0	0	0	0	0
Pretax income	7,270	8,468	491	8,800	9,769	10,866
Income taxes	(1,491)	(991)	(171)	(1,320)	(1,465)	(1,630)
Minority interest	0	(50)	(38)	(38)	(38)	(38)
Net income	5,779	7,427	282	7,442	8,266	9,198
Net income available to common	5,779	7,427	282	7,442	8,266	9,198

BALANCE SHEET	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec (US\$ mn)						
Assets						
Cash & short-term linvestments	5,619	4,989	8,020	4,626	5,089	5,598
Total fixed income securities investment	211,216	209,391	173,668	194,420	213,862	224,496
Total equity securities investment	59,182	71,017	61,955	65,851	72,436	79,680
Real estate assets	7,361	7,460	7,444	7,501	8,251	9,077
Other investments	1,069	1,468	568	1,361	1,497	1,647
Investment in unconsolidated subs.	606	679	2,092	2,301	2,531	2,784
Intangible assets	2,634	2,914	3,277	3,605	3,965	4,362
Other assets	38,434	41,956	41,643	43,260	45,134	47,311
Total assets	326,121	339,874	303,048	322,925	352,766	385,706
Liabilities & shareholders' equity						
Insurance policy liabilities	235,952	251,283	226,647	242,526	261,264	283,375
ST debt & curr. portion LT debt	1,664	1,588	1,748	1,923	2,115	2,327
Long-term debt	8,559	9,588	11,206	11,766	12,355	12,972
Provision for risks & charges	230	194	160	184	212	243
Deffered tax liabilities	6,902	5,982	3,563	3,919	4,311	4,742
Other liabilities	9,146	10,305	21,174	18,320	25,852	29,227
Total liabilities	262,453	278,940	264,498	278,638	306,109	332,886
Total common equity	63,200	60,467	38,096	43,832	46,202	52,365
Common stock/ordinary capital	14,155	14,160	14,171	14,171	14,171	14,171
Capital surplus	0	0	0	0	0	0
Retained earnings	44,704	49,984	44,437	46,173	48,543	54,706
Equity eeserves	4,341	(3,677)	(20,512)	(16,512)	(16,512)	(16,512)
Revaluation eeserves	15,170	8,407	(6,709)	(2,709)	(2,709)	(2,709)
Other appropriated Reserves	233	(1,068)	(2,813)	(2,813)	(2,813)	(2,813)
Unappropriated (free) reserves	(11,062)	(11,016)	(10,990)	(10,990)	(10,990)	(10,990)
Total shareholders' equity	63,200	60,467	38,096	43,832	46,202	52,365
Minority interest	468	467	454	454	454	454
Total equity	63,668	60,934	38,550	44,286	46,656	52,819
Total liabilities & shareholders' equity	326,121	339,874	303,048	322,831	352,766	385,706

13 Mar 2023



					A Wholly Owned :	ubsidiary Of China Merchanis Fe
PER SHARE DATA	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
DPS	1.28	1.39	1.51	1.69	1.92	2.14
EPS (Reported)	3.71	4.81	0.19	5.04	5.75	6.49
Consensus EPS	na	na	na	0.62	0.70	0.82
Group embedded value/share (HK\$)	47.18	49.51	46.07	49.51	54.42	61.17
VNB/share (HK\$)	2.18	2.50	2.03	2.50	3.00	3.56
No. of shares basic	12,095	12,097	11,734	11,434	11,134	11,134
PROFITABILITY	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
Return on equity (ROE)	9.8	12.0	0.6	18.2	18.4	18.7
Return on asset (ROA)	1.9	2.2	0.1	2.4	2.4	2.5
Return on life embedded Value	11.2	4.6	-5.8	4.6	6.8	11.7
VNB margin (FYP APE basis)	53.0	59.6	57.2	57.9	59.3	60.6
VALUATION	2020A	2021A	2022A	2023E	2024E	2025E
YE 31 Dec						
P/EV	1.7	1.6	1.8	1.6	1.5	1.3
P/B	2.0	2.1	3.2	2.7	2.5	2.2
Div yield (%)	1.6	1.7	1.9	2.1	2.4	2.6

Source: Company data, CMBIGM estimates | Note: The calculation of net cash includes financial assets.



Disclosures & Disclaimers

Analyst Certification

The research analyst who is primary responsible for the content of this research report, in whole or in part, certifies that with respect to the securities or issuer that the analyst covered in this report: (1) all of the views expressed accurately reflect his or her personal views about the subject securities or issuer; and (2) no part of his or her compensation was, is, or will be, directly or indirectly, related to the specific views expressed by that analyst in this report.

Besides, the analyst confirms that neither the analyst nor his/her associates (as defined in the code of conduct issued by The Hong Kong Securities and Futures Commission) (1) have dealt in or traded in the stock(s) covered in this research report within 30 calendar days prior to the date of issue of this report; (2) will deal in or trade in the stock(s) covered in this research report 3 business days after the date of issue of this report; (3) serve as an officer of any of the Hong Kong listed companies covered in this report; and (4) have any financial interests in the Hong Kong listed companies covered in this report; and (4) have any financial interests in the Hong Kong listed companies covered in this report.

CMBIGM Ratings BUY HOLD SELL NOT RATED	: Stock with potential return of over 15% over next 12 months : Stock with potential return of +15% to -10% over next 12 months : Stock with potential loss of over 10% over next 12 months : Stock is not rated by CMBIGM
OUTPERFORM	: Industry expected to outperform the relevant broad market benchmark over next 12 months
MARKET-PERFORM	: Industry expected to perform in-line with the relevant broad market benchmark over next 12 months
UNDERPERFORM	: Industry expected to underperform the relevant broad market benchmark over next 12 months

CMB International Global Markets Limited

Address: 45/F, Champion Tower, 3 Garden Road, Hong Kong, Tel: (852) 3900 0888 Fax: (852) 3900 0800 CMB International Global Markets Limited ("CMBIGM") is a wholly owned subsidiary of CMB International Capital Corporation Limited (a wholly owned subsidiary of China Merchants Bank)

Important Disclosures

There are risks involved in transacting in any securities. The information contained in this report may not be suitable for the purposes of all investors. CMBIGM does not provide individually tailored investment advice. This report has been prepared without regard to the individual investment objectives, financial position or special requirements. Past performance has no indication of future performance, and actual events may differ materially from that which is contained in the report. The value of, and returns from, any investments are uncertain and are not guaranteed and may fluctuate as a result of their dependence on the performance of underlying assets or other variable market factors. CMBIGM recommends that investors should independently evaluate particular investments and strategies, and encourages investors to consult with a professional financial advisor in order to make their own investment decisions.

This report or any information contained herein, have been prepared by the CMBIGM, solely for the purpose of supplying information to the clients of CMBIGM or its affiliate(s) to whom it is distributed. This report is not and should not be construed as an offer or solicitation to buy or sell any security or any interest in securities or enter into any transaction. Neither CMBIGM nor any of its affiliates, shareholders, agents, consultants, directors, officers or employees shall be liable for any loss, damage or expense whatsoever, whether direct or consequential, incurred in relying on the information contained in this report. Anyone making use of the information contained in this report does so entirely at their own risk.

The information and contents contained in this report are based on the analyses and interpretations of information believed to be publicly available and reliable. CMBIGM has exerted every effort in its capacity to ensure, but not to guarantee, their accuracy, completeness, timeliness or correctness. CMBIGM provides the information, advices and forecasts on an "AS IS" basis. The information and contents are subject to change without notice. CMBIGM may issue other publications having information and/ or conclusions different from this report. These publications reflect different assumption, point-of-view and analytical methods when compiling. CMBIGM may make investment decisions or take proprietary positions that are inconsistent with the recommendations or views in this report.

CMBIGM may have a position, make markets or act as principal or engage in transactions in securities of companies referred to in this report for itself and/or on behalf of its clients from time to time. Investors should assume that CMBIGM does or seeks to have investment banking or other business relationships with the companies in this report. As a result, recipients should be aware that CMBIGM may have a conflict of interest that could affect the objectivity of this report and CMBIS will not assume any responsibility in respect thereof. This report is for the use of intended recipients only and this publication, may not be reproduced, reprinted, sold, redistributed or published in whole or in part for any purpose without prior written consent of CMBIGM. Additional information on recommended securities is available upon request.

For recipients of this document in the United Kingdom

This report has been provided only to persons (I) falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended from time to time)("The Order") or (II) are persons falling within Article 49(2) (a) to (d) ("High Net Worth Companies, Unincorporated Associations, etc.,) of the Order, and may not be provided to any other person without the prior written consent of CMBIGM.

For recipients of this document in the United States

CMBIGM is not a registered broker-dealer in the United States. As a result, CMBIGM is not subject to U.S. rules regarding the preparation of research reports and the independence of research analysts. The research analyst who is primary responsible for the content of this research report is not registered or qualified as a research analyst with the Financial Industry Regulatory Authority ("FINRA"). The analyst is not subject to applicable restrictions under FINRA Rules intended to ensure that the analyst is not affected by potential conflicts of interest that could bear upon the reliability of the research report. This report is intended for distribution in the United States solely to "major US institutional investors", as defined in Rule 15a-6 under the US, Securities Exchange Act of 1934, as amended, and may not be furnished to any other person in the United States. Each major US institutional investors that receives a copy of this report by its acceptance hereof represents and agrees that it shall not distribute or provide this report to any other person. Any U.S. recipient of this report wishing to effect any transaction to buy or sell securities based on the information provided in this report should do so only through a U.S.-registered broker-dealer.

For recipients of this document in Singapore

This report is distributed in Singapore by CMBI (Singapore) Pte. Limited (CMBISG) (Company Regn. No. 201731928D), an Exempt Financial Adviser as defined in the Financial Advisers Act (Cap. 110) of Singapore and regulated by the Monetary Authority of Singapore. CMBISG may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an arrangement under Regulation 32C of the Financial Advisers Regulations. Where the report is distributed in Singapore to a person who is not an Accredited Investor, Expert Investor or an Institutional Investor, as defined in the Securities and Futures Act (Cap. 289) of Singapore, CMBISG accepts legal responsibility for the contents of the report to such persons only to the extent required by law. Singapore recipients should contact CMBISG at +65 6350 4400 for matters arising from, or in connection with the report.